

ABNER SALES

Everything For Fertilizer and Chemical Application

Benson, MN 56215

National Wats
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2026

REPRESENTING THESE PRODUCTS

ACE PUMPS
ACE TANK
A & M
AGRI-COVER
AGRI-PRODUCTS
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YETTER

KITS

ANHYDROUS AMMONIA - CHISEL PLOW AND CULTIVATOR
BANDING
PLANTER
STARTER FERTILIZER
ELECTRONICS

PLEASE - MINIMUM PARTS ORDER \$10.00

**MATERIAL COST ESCALATION'S BEYOND OUR CONTORL
WILL RESULT IN SELECTIVE PRICE INCREASES WITHOUT
NO RETURNS WITHOUT COPY OF INVOICE OR PACKING SLIP!**

COMPANY POLICIES

GENERAL

Any shortages must be reported within five days of receipt of shipment. If received in bad condition or a shortage exists do not fail to note this on the carrier's receipt. Responsibility for filing claims rests with the customer but we will assist you whenever possible. Special order items are not subject to cancellation or return for credit.

MERCHANDISE DAMAGED IN TRANSIT

Check shipments upon receipt. Note any damage. Do not return goods damaged in transit to us. Do not destroy packing materials. Notify the transportation company, UPS, Post Office, or Motor Carrier immediately. They will pick up the merchandise and packing materials for inspection and settlement of your claim.

RETURN GOODS

Goods returned for credit must be in salable condition and accompanied by the packing slip or invoice number and a note explaining the reason for return. When the error is ours no restocking charge will be made. On return goods other than warranty and actual shipping errors there will be a \$10.00 return goods handling fee. We reserve the right to charge an additional 20% restocking charge on goods that are returned after 30 days. Additional charges will be made if the items returned are received in less than salable condition.

WARRANTY

Abner Sales does not warrant any products. All warranties are subject to the warranty of the original manufacturer. Warranty claims will be processed by Abner Sales when items are returned freight prepaid. Examination and determination of warranty, if applicable, will be subject to and limited by the warranty of the original manufacturer. Abner Sales assumes no liability for any unwarranted products.

CREDIT

Orders will be shipped open account to those customers that have prior approved credit status. New accounts will be shipped COD until credit is established. Accounts that have a balance over 60 days will be put on COD. Invoices that are past 30 days old will be charged a 1-1/2% per month (18% annual) finance charge.

FREIGHT

All prices contained in this catalog are FOB Shipping point. Shipping point is normally our warehouse but we reserve the right to ship from factory or other points at our discretion. United Parcel Service (UPS), Parcel Post and Abner Sales shipments are sent prepaid and the charges will be added to the invoice. Motor freight shipments are sent freight collect. Shipments sent via Abner Sales personnel will be charged a nominal fee.

LIABILITY

Liquid carrying vessels are subject to the applicable manufacturer's warranty only. The loss of chemicals or fertilizer within the vessel is not covered by warranty. Expenses, inconveniences or other damages that may occur are not subject to warranty consideration. The warranty is void if the vessel or lining failed because of inadequate support of the vessel misuse or lack of reasonable care or use of chemical formulations not recommended by the vessel manufacturer.

Abner Sales assumes no liability of any damage occurring to customer's equipment (tractors, planters, etc.) resulting from the mounting of chemical or fertilizer attachments.

Abner Sales assumes no liability for crop yield performance or the loss of contents, environmental damage, or clean up resulting from tank, mounting or manufactures failure.

PRICES

Prices are subject to change without notice. Retail prices published in the catalog were current at the time of printing. Orders will be processed according to prices in effect at date of shipment unless otherwise notified.

MINIMUM BILLING

\$ 10.00 Minimum Billing Please.

Abner Sales Index

- A -

Accu-Flow NH3 System	127
Ace Centrifugal Pumps	171-203
Breakdowns	183-202
Ace Tanks	133-147
Adapters	122-235
Agitators	90
Agri-Cover / SRT	243-246
Agri-Products Tanks	248

- C -

Cable Ties	45
Calc-An-Acre	132
Calibration Containers	95, 121
Cam-Lever Couplers	26-29
Centrifugal Pumps	152-156, 171-193

- E - F -

Electric Valves	17-20
Electric Spray Controls	111, 126, 127
Engines	211
EVA Tubing	42
Fertilizer Tanks	133-147, 248
Fertilizer Tubes	53
Fire Nozzle	13

Anhydrous Ammonia

Accu-Flow System	127
Acme Couplers	230, 233
Acme Fittings	230, 231
Breakaway Couplers	237, 238
Decals	232
Equalizer	234
Fittings (forged)	9
Gloves	231
Heat Exchanger	127, 234
Hose	41-43
Knives	239, 240
Manifolds	236
Meters	129
Pressure Gauges	233
Repair Kits	234
Safety Equipment	231
Shanks	240
Shutoff	236
Valves	240
Water Cans	231
ATV Sprayer	228
Auto Lock Coupling	47-48

CDS / John Blue

Flow Divider	236
Pumps	215-227
Chain – Safety	231

Check Valves

PVC	13
Spray Nozzle	67-72
Swing Check	13
Stainless Steel	13
Chemical Inductor	134
Chemical Meters	115-119
Chemical Pumps	113-121
Chisel Knife	239, 240

Clamps

Boom	77
Hose	41-43
Cleaner – Tank	124
ComboJet	103-107
Conservation Vent	151
Controllers	
Automatic	10, 126
Boom On/Off	111, 126
NH3	127

Couplers

Banjo	27-28
Dry Break	123
Lovejoy	211
Micro-Matic	114, 123
NH3	230, 237, 238
PTO	154, 211
Speed	230
Coveralls	231
Cultivator Knives	240

Fittings

Black Iron Sch 40	5, 6
Black Iron Sch 80	7
Manifold	30-32
Nylon	3, 4
Polypropylene	1, 2
Stainless Steel	8
Tank – Bulkhead	147, 148
Flags	241
Flanges	10
Float Valves	148
FlowServe	120
Foam – Dye	124
Foam	124
Fuel Hose	124
Fuel Pumps	113, 114

- G -

Gate Valves	10
Gauges	
Ammonia	45, 233
Brass – Std.	45
Stainless Steel	45, 233

Gloves

Chemical	231
NH3	231
Goggles	231
GPI – Pumps / Meters	113, 118
GreenLeaf / Turbo Drop	109, 110
Ground Drives & Pumps	222-226
Guns – Spray	89, 90

- H -

Hand Pumps	118
Hand Guns	89, 90

Herbicide

Accessories	122-124
Meters	114, 116, 118, 119, 125
Hitch Pins	241
Honda Engines	211

Hose

Anhydrous Ammonia	42
Chemical	43
Clamps	45
Cutters	44
Discharge	42, 43
Reels	44
Sprayer	41
Suction	41-43
Hyd. Winch	240
Hypro / Precision-Bodies	99-103
Hypro Pumps & Parts	150-168

-B-

Ball Valves

Breakdowns	20-24, 26
Electric	17-20
Poly/Bolted	10-16
Union	11
Stainless Steel	10

Banjo

Couplings	27, 28
Manifold Fittings	30-32
Pipe Fittings	1, 2
Pumps	204-208
Strainers	33-41
Valves	11-24
Basket Strainer	13
Boom Clamps	77
Boom Jet Nozzle	71, 98
Boom X Tender	98
Bourgault Tillage	240
Bulkheads	147, 148
Bulldog Jacks	241
Butterfly Valves	10

- D -

DD 6 Pump	119
Decals	232
DEF	114
Defoaming Agent	124
Demco	110, 227, 228
Density Scale	241
Dials	230
Diaphragm Ck Valve	93
Diaphragm Pumps	205-208
Directo-Valves	83-86
Dry Disconnects	121
Duo Lift Trailers	249-252
Dura Products	116-118
Dye – Marker	124

POLYPROPYLENE PIPE FITTINGS

The "Ultimate" in Glass Filled Poly Fittings



POLY NIPPLES

PART #	DESCRIPTION	Price
NIP025-SH	1/4" x Short Nipple	\$1.60
NIP038-SH	3/8" x Short Nipple	\$1.73
NIP050-SH	1/2" x Short Nipple	\$2.06
NIP050-3	1/2" x 3" Nipple	\$3.45
NIP075-SH	3/4" x Short Nipple	\$2.06
NIP075-4	3/4" x 4" Nipple	\$3.59
NIP075-6	3/4" x 6" Nipple	\$4.24
NIP100-SH	1" x Short Nipple	\$2.12
NIP100-4	1" x 4" Nipple	\$3.83
NIP100-6	1" x 6" Nipple	\$4.74
NIP125-SH	1-1/4" x Short Nipple	\$2.68
NIP125-4	1-1/4" x 4" Nipple	\$4.74
NIP125-6	1-1/4" x 6" Nipple	\$5.40
NIP150-SH	1-1/2" x Short Nipple	\$4.11
NIP150-3	1-1/2" x 3" Nipple	\$6.08
NIP150-4	1-1/2" x 4" Nipple	\$10.13
NIP150-5	1-1/2" x 5" Nipple	\$11.35
NIP150-6	1-1/2" x 6" Nipple	\$11.92
NIP200-SH	2" x Short Nipple	\$4.65
NIP200-4	2" x 4" Nipple	\$9.81
NIP200-6	2" x 6" Nipple	\$11.44
NIP300-SH	3" x Short Nipple	\$14.57
NIP300-4	3" x 4" Nipple	\$21.90
NIP300-6	3" x 6" Nipple	\$28.25
NIP400-SH	4" x Short Nipple	\$27.24



POLY REDUCER COUPLINGS

PART #	DESCRIPTION	Price
RC100-075	1" x 3/4" R.C.	\$8.13
RC150-100	1-1/2" x 1" R.C.	\$13.82
RC150-125	1-1/2" x 1-1/4" R.C.	\$13.82
RC200-050	2" x 1/2" R.C.	\$14.69
RC200-100	2" x 1" R.C.	\$12.23
RC200-125	2" x 1-1/4" R.C.	\$14.69
RC200-150	2" x 1-1/2" R.C.	\$12.33
RC300-200	3" x 2" R.C.	\$43.41

POLY HOSE MENDERS

PART #	DESCRIPTION	Price
HM025	1/4" Hose Mender	N/A
HM038	3/8" Hose Mender	\$1.68
HM050	1/2" Hose Mender	\$1.73
HM075	3/4" Hose Mender	\$1.87
HM100	1" Hose Mender	\$2.29
HM125	1-1/4" Hose Mender	\$2.57
HM150	1-1/2" Hose Mender	\$4.56
HM200	2" Hose Mender	\$5.71
HM300	3" Hose Mender	\$17.83

STRAIGHT POLY HOSE BARBS

PART #	DESCRIPTION	Price
HB025	1/4" Male Thd x 1/4" H.S.	\$1.51
HB025-038	1/4" Male Thd x 3/8" H.S.	\$1.51
HB025-050	1/4" Male Thd x 1/2" H.S.	\$1.81
HB038	3/8" Male Thd x 3/8" H.S.	\$1.63
HB038-050	3/8" Male Thd x 1/2" H.S.	\$1.63
HB050-025	1/2" Male Thd x 3/4" H.S.	\$1.38
HB050-038	1/2" Male Thd x 3/8" H.S.	\$1.63
HB050	1/2" Male Thd x 1/2" H.S.	\$1.38
HB050-075	1/2" Male Thd x 3/4" H.S.	\$1.81
HB075-038	3/4" Male Thd x 3/8" H.S.	\$1.81
HB075-050	3/4" Male Thd x 1/2" H.S.	\$1.81
HB075-058	3/4" Male Thd x 5/8" H.S.	\$2.22
HB075	3/4" Male Thd x 3/4" H.S.	\$1.50
HB075-100	3/4" Male Thd x 1" H.S.	\$2.22
HB100-075	1" Male Thd x 3/4" H.S.	\$2.22
HB100	1" Male Thd x 1" H.S.	\$1.86
HB100-125	1" Male Thd x 1-1/4" H.S.	\$2.71
HB125-075	1-1/4" Male Thd x 3/4" H.S.	\$2.28
HB125-100	1-1/4" Male Thd x 1" H.S.	\$2.71
HB125	1-1/4" Male Thd x 1-1/4" H.S.	\$2.71
HB125-150	1-1/4" Male Thd x 1-1/2" H.S.	\$5.19
HB150-100	1-1/2" Male Thd x 1" H.S.	\$4.06
HB150-125	1-1/2" Male Thd x 1-1/4" H.S.	\$4.06
HB150	1-1/2" Male Thd x 1-1/2" H.S.	\$3.80
HB150-200	1-1/2" Male Thd x 2" H.S.	\$6.98
HB200-150	2" Male Thd x 1-1/2" H.S.	\$5.82
HB200	2" Male Thd x 2" H.S.	\$4.62
HB300	3" Male Thd x 3" H.S.	\$14.94
HB400	4" Male Thd x 4" H.S.	\$37.54

POLY REDUCER NIPPLES

PART #	DESCRIPTION	Price
RN050-038	1/2" X 3/8" R.N.	\$2.73
RN075-050	3/4" X 1/2" R.N.	\$2.93
RN100-050	1" X 1/2" R.N.	\$3.78
RN100-075	1" X 3/4" R.N.	\$3.44
RN125-075	1-1/4" X 3/4" R.N.	\$3.97
RN125-100	1-1/4" X 1" R.N.	\$3.59
RN150-100	1-1/2" X 1" R.N.	\$4.26
RN150-125	1-1/2" X 1-1/4" R.N.	\$3.83
RN200-125	2" X 1-1/4" R.N.	\$5.21
RN200-150	2" X 1-1/2" R.N.	\$4.25
RN300-200	3" X 2" R.N.	\$14.52

POLY SWIVELS

PART #	DESCRIPTION	Price
SW100	1" Male x 1" Female	\$18.17
SW150	1-1/2" M x 1-1/2" F	\$22.26
SW200	2" Male x 2" Female	\$24.97
SW220	2" FP M x 2" FP F	\$41.53

POLY REDUCER BUSHINGS

PART #	DESCRIPTION	Price
RB038-025	3/8" MPT x 1/4" FPT	\$3.59
RB050-025	1/2" MPT x 1/4" FPT	\$2.99
RB050-038	1/2" MPT x 3/8" FPT	\$3.59
RB075-025	3/4" MPT x 1/4" FPT	\$3.59
RB075-038	3/4" MPT x 3/8" FPT	\$3.59
RB075-050	3/4" MPT x 1/2" FPT	\$3.59
RB100-025	1" MPT x 1/4" FPT	\$3.83
RB100-050	1" MPT x 1/2" FPT	\$3.83
RB100-075	1" MPT x 3/4" FPT	\$3.83
RB125-038	1-1/4" MPT x 3/8" FPT	\$3.16
RB125-075	1-1/4" MPT x 3/4" FPT	\$3.83
RB125-100	1-1/4" MPT x 1" FPT	\$3.83
RB150-075	1-1/2" MPT x 3/4" FPT	\$5.05
RB150-100	1-1/2" MPT x 1" FPT	\$5.05
RB150-125	1-1/2" MPT x 1-1/4" FPT	\$5.05
RB200-075	2" MPT x 3/4" FPT	\$4.57
RB200-100	2" MPT x 1" FPT	\$4.57
RB200-125	2" MPT x 1-1/4" FPT	\$5.50
RB200-150	2" MPT x 1-1/2" FPT	\$4.57
RB300-150	3" MPT x 1-1/2" FPT	\$22.87
RB300-200	3" MPT x 2" FPT	\$19.06
RB400-300	4" MPT x 3" FPT	\$35.47



90 DEG. POLY HOSE BARB ELBOWS

PART #	DESCRIPTION	Price
HB025/038-90	1/4 MNPT X 3/8 HS -90	\$1.81
HB025/050-90	1/4 MNPT X 1/2 HS -90	\$1.81
HB025-90	1/4 MNPT X 1/4 HS -90	\$1.81
HB038-90	3/8 MNPT X 3/8 HS -90	\$1.81
HB050/038-90	1/2 MNPT X 3/8 HS -90	\$1.81
HB050-90	1/2 MNPT X 1/2 HS -90	\$1.81
HB050/075-90	1/2 MNPT X 3/4 HS -90	\$1.81
HB075/050-90	3/4 MNPT X 1/2 HS -90	\$2.29
HB075-90	3/4 MNPT X 3/4 HS -90	\$2.29
HB075/100-90	3/4 MNPT X 1 HS -90	\$2.29
HB100/075-90	1 MNPT X 3/4 HS -90	\$2.93
HB100-90	1 MNPT X 1 HS -90	\$2.43
HB100/125-90	1 MNPT X 1-1/4 HS -90	\$3.57
HB125/100-90	1-1/4 MNPT X 1 HS -90	\$3.57
HB125-90	1-1/4 MNPT X 1-1/4 HS -90	\$3.57
HB125/150-90	1-1/4 MNPT X 1-1/2 HS -90	\$10.28
HB150/125-90	1-1/2 MNPT X 1-1/4 HS -90	\$10.28
HB150-90	1-1/2 MNPT X 1-1/2 HS -90	\$8.58
HB200/150-90	2 MNPT X 1-1/2 HS -90	\$11.27
HB200-90	2 MNPT X 2 HS -90	\$9.38
HB300-90	3 MNPT X 3 HS -90	\$45.23

POLYPROPYLENE PIPE FITTINGS



POLY PIPE TEES

PART #	DESCRIPTION	Price
TEE025	1/4" Pipe Tee	\$5.13
TEE038	3/8" Pipe Tee	\$5.30
TEE050	1/2" Pipe Tee	\$4.65
TEE075	3/4" Pipe Tee	\$4.99
TEE100	1" Pipe Tee	\$7.20
TEE125	1-1/4" Pipe Tee	\$9.96
TEE150	1-1/2" Pipe Tee	\$11.34
TEE200	2" Pipe Tee	\$14.82
TEE300	3" Pipe Tee	\$67.27



POLY ELBOWS-90 DEG.

PART #	DESCRIPTION	Price
EL025-90	1/4" Elbow -90	\$3.95
EL038-90	3/8" Elbow -90	\$5.32
EL050-90	1/2" Elbow -90	\$4.82
EL075-90	3/4" Elbow -90	\$4.35
EL100-90	1" Elbow -90	\$5.10
EL125-90	1-1/4" Elbow -90	\$7.67
EL150-90	1-1/2" Elbow -90	\$11.46
EL200-90	2" Elbow -90	\$11.90
EL300-90	3" Elbow -90	\$60.50



POLY STREET ELBOW 90 DEG.

PART #	DESCRIPTION	Price
SL025-90	1/4" ST. Elbow -90	\$3.95
SL038-90	3/8" ST. Elbow -90	\$4.62
SL050-90	1/2" ST. Elbow -90	\$4.20
SL075-90	3/4" ST. Elbow -90	\$4.47
SL100-90	1" ST. Elbow -90	\$5.30
SL125-90	1-1/4" ST. Elbow -90	\$7.30
SL150-90	1-1/2" ST. Elbow -90	\$10.34
SL200-90	2" ST. Elbow -90	\$12.26
SL300-90	3" ST. Elbow -90	\$62.39



POLY CROSS

PART #	DESCRIPTION	Price
CR025	1/4" Cross	\$14.34
CR038	3/8" Cross	\$15.75
CR050	1/2" Cross	\$24.39
CR075	3/4" Cross	\$24.39
CR100	1" Cross	\$24.39
CR125	1-1/4" Cross	\$36.34
CR150	1-1/2" Cross	\$36.34
CR200	2" Cross	\$37.10



POLY ELBOW - 45 DEG.

PART #	DESCRIPTION	Price
EL100-45	1" Elbow 45 deg.	\$16.53



POLY STREET ELBOW 45 DEG.

PART #	DESCRIPTION	Price
SL075-45	3/4" ST. Elbow -45	\$8.65
SL100-45	1" ST. Elbow -45	\$11.63
SL125-45	1-1/4" ST. Elbow -45	\$14.41
SL150-45	1-1/2" ST. Elbow -45	\$14.64
SL200-45	2" ST. Elbow -45	\$16.55
SL300-45	3" ST. Elbow -45	\$68.54

POLY GAUGE TEE (guage not included)

PART #	DESCRIPTION	Price
TEG075	3/4" Tee w/ 1/4" FPT	\$24.19
TEG100	1" Tee w/ 1/4" FPT	\$24.19



POLY PLUG

PART #	DESCRIPTION	Price
PLUG025	1/4" Pipe Plug	\$3.80
PLUG038	3/8" Pipe Plug	\$3.80
PLUG050	1/2" Pipe Plug	\$3.83
PLUG075	3/4" Pipe Plug	\$3.83
PLUG100	1" Pipe Plug	\$3.83
PLUG125	1-1/4" Pipe Plug	\$5.01
PLUG150	1-1/2" Pipe Plug	\$5.01
PLUG200	2" Pipe Plug	\$5.06
PLUG300	3" Pipe Plug	\$23.94



POLY PIPE CAPS

PART #	DESCRIPTION	Price
CAP025	1/4" Pipe Cap	N/A
CAP038	3/8" Pipe Cap	\$2.94
CAP050	1/2" Pipe Cap	\$7.38
CAP075	3/4" Pipe Cap	\$7.38
CAP100	1" Pipe Cap	\$6.14
CAP125	1-1/4" Pipe Cap	\$8.30
CAP150	1-1/2" Pipe Cap	\$10.44
CAP200	2" Pipe Cap	\$12.10
CAP300	3" Pipe Cap	\$43.30



POLY HOSE BARB TEE

PART #	DESCRIPTION	Price
HBT025	1/4" HB Tee	\$2.02
HBT038	3/8" HB Tee	\$2.02
HBT050	1/2"x1/2"x1/2" HB Tee	\$3.14
HBT050-075	1/2"x1/2"x3/4" HB Tee	\$3.14
HBT075-050	3/4"x3/4"x1/2" HB Tee	\$3.14
HBT075	3/4" HB Tee	\$3.14
HBT075-100	3/4"x3/4"x1" HB Tee	\$2.68
HBT100-075	1"x1"x3/4" HB Tee	\$2.76
HBT100	1" HB Tee	\$3.30
HBT200	2" Hose Barb Tee	\$12.56
HBT300	3" Hose Barb Tee	\$34.90



POLY PIPE COUPLINGS

PART #	DESCRIPTION	Price
CPLG025	1/4" Pipe Coupler	\$4.89
CPLG038	3/8" Pipe Coupler	\$5.49
CPLG050	1/2" Pipe Coupler	\$5.49
CPLG075	3/4" Pipe Coupler	\$5.23
CPLG100	1" Pipe Coupler	\$5.21
CPLG125	1-1/4" Pipe Coupler	\$8.42
CPLG150	1-1/2" Pipe Coupler	\$11.67
CPLG200	2" Pipe Coupler	\$13.32
CPLG300	3" Pipe Coupler	\$37.67



POLY FEMALE THREADED HOSE BARB

PART #	DESCRIPTION	Price
HBF075	3/4" FPT x 3/4" HB	\$4.44
HBF075-100	3/4" HB x 1" FPT	\$3.71
HBF100	1" FPT x 1" HB	\$3.13



POLY HOSE BARB TEE (HB x MPT)

PART #	DESCRIPTION	Price
HBT100-100	1" HB x 1" MPT	\$9.14
HBT150-100	1-1/2" HB x 1" MPT	\$22.93
HBT150-150	1-1/2" HB x 1-1/2" MPT	\$43.89



POLY HOSE BARB ELBOW

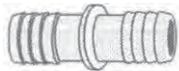
PART #	DESCRIPTION	Price
HBEL100-90	1" HB x 1" HB -90	\$3.00
HBEL150/100-90	1-1/2" HB x 1" MPT	\$27.48
HBB20012590	2" HB x 1 1/4" HB	\$14.96

1-800-450-6666

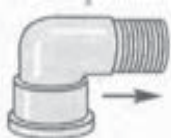
Nylon Fittings



HOSE BARBS:		PRICE
A1814	1/8 MPT X 1/4 HB	\$0.69
A1838	1/8 MPT X 3/8 HB	\$0.72
A14	1/4 MPT X 1/4 HB	\$0.73
A1438	1/4 MPT X 3/8 HB	\$0.75
A1412	1/4 MPT X 1/2 HB	\$0.75
A3814	3/8 MPT X 1/4 HB	\$0.73
A38	3/8 MPT X 3/8 HB	\$0.76
A3812	3/8 MPT X 1/2 HB	\$0.77
A3858	3/8 MPT X 5/8 HB	\$0.84
A1214	1/2 MPT X 1/4 HB	\$0.78
A1238	1/2 MPT X 3/8 HB	\$0.86
A12	1/2 MPT X 1/2 HB	\$0.87
A1258	1/2 MPT X 5/8 HB	\$0.86
A1234	1/2 MPT X 3/4 HB	\$0.87
A12100	1/2 MPT X 1 HB	\$2.23
A3414	3/4 MPT X 1/4 HB	\$0.99
A3438	3/4 MPT X 3/8 HB	\$0.91
A3412	3/4 MPT X 1/2 HB	\$0.97
A3458	3/4 MPT X 5/8 HB	\$0.97
A34	3/4 MPT X 3/4 HB	\$0.98
A34100	3/4 MPT X 1 HB	\$1.32
A10034	1 MPT X 3/4 HB	\$1.33
A100	1 MPT X 1 HB	\$1.54
A100114	1 MPT X 1-1/4 HB	\$2.32
A11434	1-1/4 MPT X 3/4 HB	\$2.61
A114100	1-1/4 MPT X 1 HB	\$2.61
A114	1-1/4 MPT X 1-1/4 HB	\$2.81
A114112	1-1/4 MPT X 1-1/2 HB	\$3.00
A112114	1-1/2 MPT X 1-1/4 HB	\$2.81
A112	1-1/2 MPT X 1-1/2 HB	\$3.00
A200	2 MPT X 2 HB	\$5.46



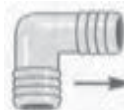
HOSE MENDERS:		PRICE
SHM18	1/8 HB X 1/8 HB	\$0.70
SHM14	1/4 HB X 1/4 HB	\$0.70
SHM3814	3/8 HB X 1/4 HB	\$0.72
SHM38	3/8 HB X 3/8 HB	\$0.73
SHM1214	1/2 HB X 1/4 HB	\$0.84
SHM1238	1/2 HB X 3/8 HB	\$0.89
SHM12	1/2 HB X 1/2 HB	\$0.76
SHM1258	1/2 HB X 5/8 HB	\$0.99
SHM5838	5/8 HB X 3/8 HB	\$0.91
SHM58	5/8 HB X 5/8 HB	\$0.91
SHM34	3/4 HB X 3/4 HB	\$1.18
SHM100	1 HB X 1 HB	\$1.55
SHM114	1-1/4 HB X 1-1/4 HB	\$2.61
SHM112	1-1/2 HB X 1-1/2 HB	\$4.51
SHM200	2 HB X 2 HB	\$16.06



STREET ELBOWS:		PRICE
SE14	1/4 FPT X 1/4 MPT	\$3.21
SE38	3/8 FPT X 3/8 MPT	\$3.60
SE12	1/2 FPT X 1/2 MPT	\$3.87
SE34	3/4 FPT X 3/4 MPT	\$4.87
SE100	1 FPT X 1 MPT	\$8.52
SE114	1-1/4 FPT X 1-1/4 MPT	\$10.86
SE112	1-1/2 FPT X 1-1/2 MPT	\$13.64
SE200	2 FPT X 2 MPT	\$15.85



ELBOW HOSE BARBS:		PRICE
EL1814	1/8 MPT X 1/4 HB	\$1.76
EL1838	1/8 MPT X 3/8 HB	\$1.12
EL14	1/4 MPT X 1/4 HB	\$1.12
EL1438	1/4 MPT X 3/8 HB	\$1.17
EL1412	1/4 MPT X 1/2 HB	\$1.20
EL1458	1/4 MPT X 5/8 HB	\$1.21
EL3814	3/8 MPT X 1/4 HB	\$1.21
EL38	3/8 MPT X 3/8 HB	\$1.23
EL3812	3/8 MPT X 1/2 HB	\$1.29
EL3858	3/8 MPT X 5/8 HB	\$1.31
EL1214	1/2 MPT X 1/4 HB	\$1.31
EL1238	1/2 MPT X 3/8 HB	\$1.31
EL12	1/2 MPT X 1/2 HB	\$1.32
EL1258	1/2 MPT X 5/8 HB	\$1.48
EL1234	1/2 MPT X 3/4 HB	\$1.53
EL3414	3/4 MPT X 1/4 HB	\$1.46
EL3438	3/4 MPT X 3/8 HB	\$0.98
EL3412	3/4 MPT X 1/2 HB	\$0.99
EL3458	3/4 MPT X 5/8 HB	\$1.61
EL34	3/4 MPT X 3/4 HB	\$0.98
EL34100	3/4 MPT X 1 HB	\$2.89
EL10012	1 MPT X 1/2 HB	\$2.92
EL10034	1 MPT X 3/4 HB	\$2.72
EL100	1 MPT X 1 HB	\$2.95
EL11434	1-1/4 MPT X 3/4 HB	\$6.52
EL114100	1-1/4 MPT X 1 HB	\$5.14
EL114	1-1/4 MPT X 1-1/4 HB	\$4.69
EL114112	1-1/4 MPT X 1-1/2 HB	\$9.13
EL112	1-1/2 MPT X 1-1/2 HB	\$8.60
EL200	2 MPT X 2 HB	\$10.26



ELBOW BARBS: (BARB X BARB)		PRICE
EL14HB	1/4 HB X 1/4 HB	\$1.19
EL3814HB	3/8 HB X 1/4 HB	\$1.85
EL38HB	3/8 HB X 3/8 HB	\$1.19
EL1214HB	1/2 HB X 1/4 HB	\$1.18
EL1238HB	1/2 HB X 3/8 HB	\$1.18
EL12HB	1/2 HB X 1/2 HB	\$1.21
EL58HB	5/8 HB X 5/8 HB	\$1.29
EL34HB	3/4 HB X 3/4 HB	\$1.48
EL3458HB	3/4 HB X 5/8 HB	\$1.96
EL100HB	1 HB X 1 HB	\$2.81
EL114HB	1-1/4 HB X 1-1/4 HB	\$6.56
EL112HB	1-1/2 HB X 1-1/2 HB	\$7.41
EL200HB	2 HB X 2 HB	\$10.46



FEMALE THREADED CROSS:		PRICE
13436-406-NYB		\$5.32
13439-540-NYB		\$5.32



FEMALE THREADED TEES:		PRICE
T34F	3/4 FPT X 3/4 HB	\$5.46
T34114F	3/4 FPT X 1-1/4 HB	\$8.31



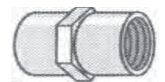
TEE BARBS:		PRICE
T18	1/8 HB	\$1.11
T14	1/4 HB	\$1.20
T1438	1/4 HB X 3/8 HB X 3/8 HB	\$1.20
T1412	1/4 HB X 1/2 HB X 1/2 HB	\$1.28
T38	3/8 HB	\$1.29
T1238	1/2 HB X 3/8 HB X 3/8 HB	\$1.31
T1234	1/2 HB X 3/4 HB X 3/4 HB	\$1.31
T3812	3/8 HB X 1/2 HB X 1/2 HB	\$1.31
T12	1/2 HB	\$1.33
T58	5/8 HB	\$1.35
T3412	3/4 HB X 1/2 HB X 1/2 HB	\$3.85
T34	3/4 HB	\$1.55
T100	1" HB	\$2.37
T114	1-1/4 HB	\$7.11
T112	1-1/2 HB	\$8.19
T200	2" HB	\$17.68



THREADED TEE BARBS:		PRICE
T1814T	1/8 MPT X 1/4 HB	\$1.30
T14T	1/4 MPT X 1/4 HB	\$1.30
T1438T	1/4 MPT X 3/8 HB	\$1.30
T1412T	1/4 MPT X 1/2 HB	\$1.30
T38T	3/8 MPT X 3/8 HB	\$1.35
T3812T	3/8 MPT X 1/2 HB	\$2.48
T1238T	1/2 MPT X 3/8 HB	\$1.53
T12T	1/2 MPT X 1/2 HB	\$1.53
T1258T	1/2 MPT X 5/8 HB	\$1.94
T1234T	1/2 MPT X 3/4 HB	\$1.94
T3412T	3/4 MPT X 1/2 HB	\$2.23
T34T	3/4 MPT X 3/4 HB	\$1.76
T34100T	3/4 MPT X 1 HB	\$3.19



ELBOW BARBS:		PRICE
EL14F	1/4 FPT X 1/4 HB	\$3.29
EL1438F	1/4 FPT X 3/8 HB	\$3.73
EL38F	3/8 FPT X 3/8 HB	\$3.40
EL3412F	3/4 FPT X 1/2 HB	\$3.59
EL3458F	3/4 FPT X 5/8 HB	\$3.91
EL34F	3/4 FPT X 3/4 HB	\$3.73



FEMALE COUPLINGS:		PRICE
FC14	1/4 FPT X 1/4 FPT	\$4.66
FC38	3/8 FPT X 3/8 FPT	\$4.66
FC12	1/2 FPT X 1/2 FPT	\$3.94
FC34	3/4 FPT X 3/4 FPT	\$4.17
FC100	1 FPT X 1 FPT	\$11.11
FC114	1-1/4 FPT X 1-1/4 FPT	\$11.64
FC112	1-1/2 FPT X 1-1/2 FPT	\$6.65
FC200	2 FPT X 2 FPT	\$7.36



SWIVEL CAPS AND BARBS:		PRICE
B34	GHT CAP	\$0.78
HC34	CLOSED CAP	\$1.06
B35	3/4 FPT CAP	\$1.06.15
W406V	WASHER FOR SWIVEL	\$0.66
C14	1/4 BARB	\$0.72
C38	3/8 BARB	\$0.73
C12	1/2 BARB	\$0.78
C58	5/8 BARB	\$0.70
C34	3/4 BARB	

Nylon Fittings



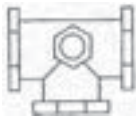
FEMALE THREAD ELBOWS:		PRICE
LL14	1/4 FPT X 1/4 FPT	\$5.27
LL12	1/2 FPT X 1/2 FPT	\$5.27
LL34	3/4 FPT X 3/4 FPT	\$5.78
LL100	1 FPT X 1 FPT	\$7.70
LL114	1-1/4 FPT X 1-1/4 FPT	\$10.65
LL112	1-1/2 FPT X 1-1/2 FPT	\$15.52
LL200	2 FPT X 2 FPT	\$21.31



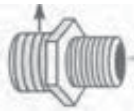
FEMALE THREADED TEES:		PRICE
TT14	1/4 FPT	\$5.20
TT12	1/2 FPT	\$6.76
TT34	3/4 FPT	\$10.31
TT100	1 FPT	\$13.12
TT114	1-1/4 FPT	\$16.84
TT112	1-1/2 FPT	\$16.38
TT200	2 FPT	\$24.45



MALE THREADED TEES:		PRICE
R1212	1/2 MPT	\$6.66



GAUGE TEES:		PRICE
GTT1214	1/2 X 1/4	\$14.80
GTT3414	3/4 X 1/4	\$18.72



THREAD ADAPTERS:		PRICE
E3438	3/4 GHT X 3/8 MPT	\$0.98
E3412	3/4 GHT X 1/2 MPT	\$0.99
E34	3/4 GHT X 3/4 MPT	\$0.98

GARDEN HOSE FITTINGS:



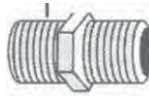
		PRICE
I3434	3/4 MGHT X 3/4 FGHT	\$3.33
G3414	3/4 MGHT X 1/4 FPT	\$3.12
G3412	3/4 MGHT X 1/2 FPT	\$3.12
G34	3/4 MGHT X 3/4 FPT	\$3.00



		PRICE
H3434	3/4 FGHT X 3/4 MPT	\$3.33



REDUCER BUSHINGS:		PRICE
RB1418	1/4 MPT X 1/8 FPT	\$2.33
RB3814	3/8 MPT X 1/4 FPT	\$1.53
RB1214	1/2 MPT X 1/4 FPT	\$2.33
RB1238	1/2 MPT X 3/8 FPT	\$2.33
RB3418	3/4 MPT X 1/8 FPT	\$2.13
RB3414	3/4 MPT X 1/4 FPT	\$1.75
RB3438	3/4 MPT X 3/8 FPT	\$1.75
RB3412	3/4 MPT X 1/2 FPT	\$1.75
RB10012	1 MPT X 1/2 FPT	\$3.28
RB10034	1 MPT X 3/4 FPT	\$3.00
RB11434	1-1/4 MPT X 3/4 FPT	\$4.64
RB114100	1-1/4 MPT X 1 FPT	\$3.73
RB11234	1-1/2 MPT X 3/4 FPT	\$6.46
RB112100	1-1/2 MPT X 1 FPT	\$5.76
RB112114	1-1/2 MPT X 1-1/4 FPT	\$5.78
RB20034	2 MPT X 3/4 FPT	\$10.08
RB200100	2 MPT X 1 FPT	\$8.81
RB200114	2 MPT X 1-1/4 FPT	\$7.61
RB200112	2 MPT X 1-1/2 FPT	\$6.72
RB300200	3 MPT X 2 FPT	\$20.78



CLOSE NIPPLES:		PRICE
M18	1/8 MPT X 1/8 MPT	\$0.75
M14	1/4 MPT X 1/4 MPT	\$0.75
M38	3/8 MPT X 3/8 MPT	\$0.78
M12	1/2 MPT X 1/2 MPT	\$0.78
M34	3/4 MPT X 3/4 MPT	\$0.98
M100	1 MPT X 1 MPT	\$1.59
M114	1-1/4 MPT X 1-1/4 MPT	\$2.72
M112	1-1/2 MPT X 1-1/2 MPT	\$5.07
M200	2 MPT X 2 MPT	\$6.36



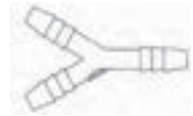
REDUCER NIPPLES:		PRICE
M1418	1/4 MPT X 1/8 MPT	\$0.78
M3818	3/8 MPT X 1/8 MPT	\$0.78
M3814	3/8 MPT X 1/4 MPT	\$0.78
M1218	1/2 MPT X 1/8 MPT	\$0.89
M1214	1/2 MPT X 1/4 MPT	\$0.89
M1238	1/2 MPT X 3/8 MPT	\$0.86
M3438	3/4 MPT X 3/8 MPT	\$0.89
M3412	3/4 MPT X 1/2 MPT	\$0.94



FEMALE HOSE BARBS:		PRICE
A14F	1/4 FPT X 1/4 HB	\$3.33
A1438F	1/4 FPT X 3/8 HB	\$3.33
A3814F	3/8 FPT X 1/4 HB	\$3.33
A38F	3/8 FPT X 3/8 HB	\$3.33
A3812F	3/8 FPT X 1/2 HB	\$3.33
A1214F	1/2 FPT X 1/4 HB	\$3.88
A1238F	1/2 FPT X 3/8 HB	\$3.88
A12F	1/2 FPT X 1/2 HB	\$3.88
A1258F	1/2 FPT X 5/8 HB	\$4.44
A1234F	1/2 FPT X 3/4 HB	\$4.44
A3438F	3/4 FPT X 3/8 HB	\$4.71
A3412F	3/4 FPT X 1/2 HB	\$4.71
A3458F	3/4 FPT X 5/8 HB	\$4.71
A34F	3/4 FPT X 3/4 HB	\$4.71



PIPE PLUGS:		PRICE
F18	1/8 HEX X 1/8 MPT	\$0.70
F14	1/4 HEX X 1/4 MPT	\$0.70
F38	3/8 HEX X 3/8 MPT	\$0.72
F12	1/2 HEX X 1/2 MPT	\$0.78
F34	3/4 HEX X 3/4 MPT	\$0.87
F100	1 HEX X 1 MPT	\$1.19
F114	1-1/4 HEX X 1-1/4 MPT	\$2.09
F112	1-1/2 HEX X 1-1/2 MPT	\$2.61
F200	2 HEX X 2 MPT	\$3.19



ALL HOSE BARB "Y":		PRICE
TY333	3/16 X 3/16 X 3/16	\$5.49
TY444	1/4 X 1/4 X 1/4	\$4.44
TY666	3/8 X 3/8 X 3/8	\$4.44
TY888	1/2 X 1/2 X 1/2	\$4.44
TY999	3/4 X 3/4 X 3/4	\$7.76
TY100	1 X 1 X 1	\$11.09



MANIFOLD:		PRICE
TM075/050	3/4" Inlet x 8 1/2" Outlets	\$42.81



GHT HOSE BARBS:		PRICE
D3414	3/4 GHT X 1/4 HB	\$1.00
D3438	3/4 GHT X 3/8 HB	\$1.00
D3412	3/4 GHT X 1/2 HB	\$0.99
D3458	3/4 GHT X 5/8 HB	\$0.91
D34	3/4 GHT X 3/4 HB	\$0.97
D34100	3/4 GHT X 1 HB	\$2.33



THREAD SEALANT		PRICE
RECTOR SEAL #5		
RS5-14P	1/4 Pint Can	\$19.00
RS5-1P	1 Pint Can	\$41.00

TRU-BLU		PRICE
RSTB-14P	1/4 Pint Can	\$16.00
RSTB-12P	1/2 Pint Can	\$24.50
RSTB-1P	1 Pint Can	\$40.00

BLACK JACK		PRICE
RS21-1P	1 Pint Can	\$47.00
RS21-12P	1/2 Pint Can	\$31.00

TEFLON TAPE		PRICE
12-520	1/2" x 520"	\$3.68

LOCTITE		PRICE
#567-1.6	1.6 oz	\$78.95
#567-8.4	8.4oz	\$178.95



Hose Barbs:		Price
A1814S	1/8 MPT x 1/4 HB	\$11.28
A1838S	1/8 MPT x 3/8 HB	\$5.02
A1812S	1/8 MPT x 1/2 HB	\$6.30
A14S	1/4 MPT x 1/4 HB	\$7.53
A1438S	1/4 MPT x 3/8 HB	\$5.02
A1412S	1/4 MPT x 1/2 HB	\$6.30
A3814S	3/8 MPT x 1/4 HB	\$8.06
A38S	3/8 MPT x 3/8 HB	\$10.50
A3812S	3/8 MPT x 1/2 HB	\$9.11
A1214S	1/2 MPT x 1/4 HB	\$12.93
A1238S	1/2 MPT x 3/8 HB	\$12.93
A1212S	1/2 MPT x 1/2 HB	\$12.93
A1258S	1/2 MPT x 5/8 HB	\$15.84
A1234S	1/2 MPT x 3/4 HB	\$12.93
A3438S	3/4 MPT x 3/8 HB	\$19.95
A3412S	3/4 MPT x 1/2 HB	\$17.70
A3458S	3/4 MPT x 5/8 HB	\$17.70
A3434S	3/4 MPT x 3/4 HB	\$13.47
A3410S	3/4 MPT x 1 HB	\$29.35
A1010S	1 MPT x 1 HB	\$40.44



King Combination Nipple:		Price
AA34SU	3/4" King Nipple	\$8.85
AA100SU	1" King Nipple	\$10.65
AA114SU	1 1/4" King Nipple	\$14.07
AA112SU	1 1/2" King Nipple	\$16.34
AA200SU	2" King Nipple	\$21.46
AA300SU	3" King Nipple	\$49.05
AA400SU	4" King Nipple	\$95.56



Reducing Coupling:		Price
BR1418S	1/4 x 1/8 BR	\$6.63
BR3814S	3/8 x 1/4 BR	\$6.63
BR1214S	1/2 x 1/4 BR	\$6.01
BR1238S	1/2 x 3/8 BR	\$5.70
BR3414S	3/4 x 1/4 BR	\$7.47
BR3438S	3/4 x 3/8 BR	\$7.47
BR3412S	3/4 x 1/2 BR	\$6.55
BR1012S	1 x 1/2 BR	\$10.13
BR1034S	1 x 3/4 BR	\$10.13
BR1141S	1 1/4 x 1 BR	\$12.67
BR11434S	1 1/4 x 3/4 BR	\$12.67
BR1121S	1 1/2 x 1 BR	\$18.50
BR112114S	1 1/2 x 1 1/4 BR	\$15.95
BR200112S	2 x 1 1/2 BR	\$23.20
BR300200S	3 x 2 BR	\$76.55
BR400300S	4 x 3 BR	\$185.01



Unions:		Price
UN14S	1/4" Union	\$28.03
UN38S	3/8" Union	\$18.91
UN12S	1/2" Union	\$18.08
UN34S	3/4" Union	\$21.52
UN10S	1" Union	\$28.14
UN114S	1 1/4" Union	\$37.31
UN112S	1 1/2" Union	\$45.57
UN200S	2" Union	\$68.80
UN300S	3" Union	\$201.34

Malleable Iron Pipe Fittings



Female Pipe Couplings:		Price
FC18S	1/8" FC	\$8.04
FC14S	1/4" FC	\$6.82
FC38S	3/8" FC	\$6.82
FC12S	1/2" FC	\$5.53
FC34S	3/4" FC	\$6.53
FC10S	1" FC	\$9.85
FC114S	1 1/4" FC	\$12.75
FC112S	1 1/2" FC	\$16.89
FC200S	2" FC	\$24.57
FC300S	3" FC	\$90.55
FC400S	4" FC	\$180.58



Pipe Street EL - 90deg.		Price
SE18S	1/8" Street EL	\$8.24
SE14S	1/4" Street EL	\$8.24
SE38S	3/8" Street EL	\$8.24
SE12S	1/2" Street EL	\$8.48
SE34S	3/4" Street EL	\$8.24
SE10S	1" Street EL	\$11.87
SE114S	1 1/4" Street EL	\$18.13
SE112S	1 1/2" Street EL	\$24.19
SE200S	2" Street EL	\$39.20
SE300S	3" Street EL	\$147.59
SE400S	4" Street EL	\$240.41

*45 available



Pipe Tee:		Price
TT18S	1/8" Tee	\$8.72
TT14S	1/4" Tee	\$8.24
TT38S	3/8" Tee	\$8.24
TT12S	1/2" Tee	\$19.09
TT34S	3/4" Tee	\$7.53
TT10S	1" Tee	\$13.30
TT114S	1 1/4" Tee	\$21.59
TT112S	1 1/2" Tee	\$26.88
TT200S	2" Tee	\$45.64
TT300S	3" Tee	\$140.94
TT400S	4" Tee	\$330.78

*Reducing TEE's available



Pipe Elbow - 90deg.		Price
LL18S	1/8" Elbow	\$5.72
LL14S	1/4" Elbow	\$5.45
LL38S	3/8" Elbow	\$5.45
LL12S	1/2" Elbow	\$5.45
LL34S	3/4" Elbow	\$4.96
LL10S	1" Elbow	\$8.68
LL114S	1 1/4" Elbow	\$14.04
LL112S	1 1/2" Elbow	\$18.50
LL200S	2" Elbow	\$31.71
LL300S	3" Elbow	\$102.65
LL400S	4" Elbow	\$221.30

*45 available

*Reducing elbows available



Pipe Bushings:		Price
RB1418S	1/4 X 1/8 Bushing	\$7.53
RB3814S	3/8 x 1/4 Bushing	\$7.53
RB1214S	1/2 x 1/4 Bushing	\$7.53
RB1238S	1/2 x 3/8 Bushing	\$7.53
RB3418S	3/4 x 1/8 Bushing	\$7.40
RB3414S	3/4 x 1/4 Bushing	\$7.40
RB3438S	3/4 x 3/8 Bushing	\$7.40
RB3412S	3/4 x 1/2 Bushing	\$6.83
RB1012S	1 x 1/2 Bushing	\$7.03
RB1034S	1 x 3/4 Bushing	\$7.03
RB11434S	1 1/4 x 3/4 Bushing	\$9.08
RB1141S	1 1/4 x 1 Bushing	\$9.08
RB11234S	1 1/2 x 3/4 Bushing	\$11.48
RB11210S	1 1/2 x 1 Bushing	\$10.07
RB112114S	1 1/2 x 1 1/4 Bushing	\$11.49
RB200112S	2 x 1 1/2 Bushing	\$15.30
RB300200S	3 x 2 Bushing	\$31.64
RB400300S	4 x 3 Bushing	\$62.67

*More sizes available



Pipe Cap:		Price
CP18S	1/8" Cap	\$5.36
CP14S	1/4" Cap	\$5.36
CP38S	3/8" Cap	\$5.36
CP12S	1/2" Cap	\$4.11
CP34S	3/4" Cap	\$5.53
CP10S	1" Cap	\$6.67
CP114S	1 1/4" Cap	\$8.72
CP112S	1 1/2" Cap	\$11.87
CP200S	2" Cap	\$15.51
CP300S	3" Cap	\$57.26
CP400S	4" Cap	\$89.35



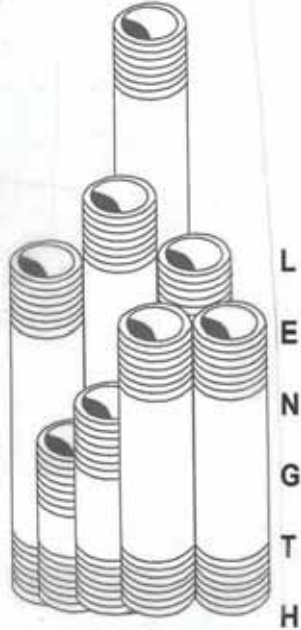
Pipe Plug:		Price
F1800S	1/8" Plug	\$3.51
F1400S	1/4" Plug	\$3.51
F38S	3/8" Plug	\$3.51
F12S	1/2" Plug	\$3.74
F34S	3/4" Plug	\$3.74
F10S	1" Plug	\$4.70
F114S	1 1/4" Plug	\$5.92
F112S	1 1/2" Plug	\$17.61
F200S	2" Plug	\$11.74
F300S	3" Plug	\$29.31
F400S	4" Plug	\$61.44



Pipe Cross:		Price
CR18S	1/8" Cross	\$19.68
CR14S	1/4" Cross	\$16.70
CR38S	3/8" Cross	\$17.04
CR12S	1/2" Cross	\$19.37
CR34S	3/4" Cross	\$23.63
CR10S	1" Cross	\$29.09
CR114S	1 1/4" Cross	\$47.19
CR112S	1 1/2" Cross	\$58.47
CR200S	2" Cross	\$66.56
CR300S	3" Cross	\$254.57
CR400S	4" Cross	\$519.54

Schedule 40 Malleable Iron Nipples

SIZE = NPT



	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	3"	4"
	\$2.70	\$2.19	\$4.75	\$2.73	\$3.17	\$4.54	\$5.78	\$7.20	\$10.51	\$36.19	\$54.49
Close	M18S	M14S	M38S	M12S	M34S	M10S	M114S	M112S	M200S	M300S	M400S
2"	\$3.23	\$3.36	\$3.67	\$2.73	\$3.04	\$4.98	\$6.56	\$7.78	\$9.75		
	M18x2S	M14x2S	M38x2S	M12x2S	M34x2S	M10x2S	M114x2S	M112x2S	M200x2s		
3"	\$3.80	\$4.35	\$4.72	\$3.23	\$3.85	\$5.29	\$6.96	\$8.65	\$11.17	\$39.35	
	M18x3S	M14x3S	M38x3S	M12x3S	M34x3S	M10x3S	M114x3S	M112x3S	M200x3S	M300x3S	
4"	\$4.54	\$5.03	\$5.53	\$3.93	\$4.72	\$6.55	\$8.20	\$9.68	\$13.53	\$46.59	\$53.04
	M18x4S	M14x4S	M38x4S	M12x4S	M34x4S	M10x4S	M114x4S	M112x4S	M200x4S	M300x4S	M400x4S
5"	\$8.65	\$7.65	\$8.03	\$4.54	\$5.95	\$7.78	\$9.80	\$11.81	\$15.58	\$51.38	\$71.97
	M18x5S	M14x5S	M38x5S	M12x5S	M34x5S	M10x5S	M114x5S	M112x5S	M200x5S	M300x5S	M400x5S
6"	\$9.45	\$8.94	\$8.88	\$5.09	\$6.70	\$9.13	\$11.68	\$13.53	\$18.26	\$55.80	\$76.80
	M18x6S	M14x6S	M38x6S	M12x6S	M34x6S	M10x6S	M114x6S	M112x6S	M200x6S	M300x6S	M400x6S
7"	\$13.05	\$13.79	\$15.66	\$9.13	\$11.17	\$14.96	\$18.75	\$21.55	\$30.60	\$75.33	\$88.86
	M18x7S	M14x7S	M38x7S	M12x7S	M34x7S	M10x7S	M114x7S	M112x7S	M200x7S	M300x7S	M400x7S
8"	\$13.05	\$13.79	\$15.66	\$9.13	\$11.17	\$14.96	\$18.75	\$21.55	\$30.60	\$75.33	\$88.86
	M18x8S	M14x8S	M38x8S	M12x8S	M34x8S	M10x8S	M114x8S	M112x8S	M200x8S	M300x8S	M400x8S
12"	\$15.20	\$17.82	\$19.94	\$13.05	\$14.47	\$20.07	\$25.54	\$28.97	\$41.41	\$93.83	\$117.96
	M18x12S	M14x12S	M38x12S	M12x12S	M34x12S	M10x12S	M114x12S	M112x12S	M200x12S	M300x12S	M400x12S
24"				\$20.98	\$25.40	\$33.42	\$43.78	\$50.05	\$68.48	\$148.74	\$181.09
				M12x24S	M34x24S	M10x24S	M114x24S	M112x24S	M200x24S	M300x24S	M400x24S
36"				\$29.05	\$35.21	\$46.46	\$60.93	\$71.22	\$92.71	\$223.11	\$271.50
				M12x36S	M34x36S	M10x36S	M114x36S	M112x36S	M200x36S	M300x36S	M400x36S
48"				\$36.70	\$46.85	\$60.68	\$80.69	\$94.95	\$121.10	\$291.31	\$436.76
				M12x48S	M34x48S	M10x48S	M114x48S	M112x48S	M200x48S	M300x48S	M400x48S

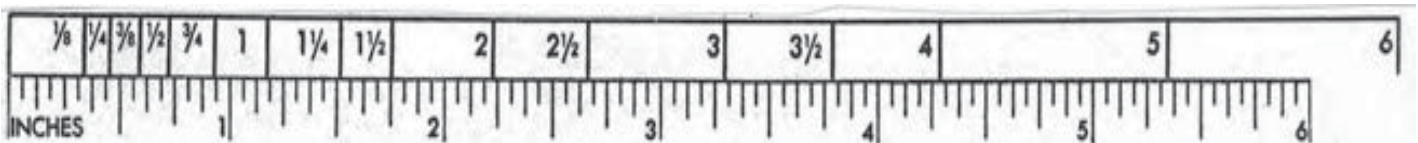
Pipe Size Scale

A common error made when sizing threaded fittings occurs whenever a ruler or tape measure is used. Pipe sizes must be measured by a pipe size scale.

Pipe and Pipe Fittings

Dimensions in Inches - Standard Black or Galvanized

Nominal Pipe Size Inches	Actual Inside Dia.	Actual Outside Dia.	Length of thread which will make up into a fitting (Average)
1/4"	0.364	0.540	3/8"
3/8"	0.493	0.675	3/8"
1/2"	0.622	0.840	1/2"
3/4"	0.824	1.050	9/16"
1"	1.049	1.315	1 1/16"
1-1/4"	1.380	1.660	1 1/16"
1-1/2"	1.610	1.900	1 1/16"
2"	2.067	2.375	3/4"
2-1/2"	2.469	2.875	-
3"	3.068	3.500	-
4"	4.026	4.500	-
6"	6.065	6.625	-



Stainless Steel Fittings

304-150# Material



Hose Barbs:		Price
7HB14	1/4 MPT x 1/4 HB	\$14.72
7HB38	3/8 MPT x 3/8 HB	\$17.51
7HB12	1/2 MPT x 1/2 HB	\$22.90
7HB34	3/4 MPT x 3/4 HB	\$27.60
7HB100	1 MPT x 1 HB	\$45.67
7HB114	1 1/4 MPT x 1 1/4 HB	\$52.28
7HB112	1 1/2 MPT x 1 1/2 HB	\$61.50
7HB200	2 MPT x 2 HB	\$84.54
7HB300	3 MPT x 3 HB	\$238.34
7HB400	4 MPT x 4 HB	\$340.47



Bell Reducer:		Price
7BR1418	1/4" x 1/8" BR	\$6.17
7BR3814	3/8" x 1/4" BR	\$6.85
7BR1238	1/2" x 3/8" BR	\$6.54
7BR3412	3/4" x 1/2" BR	\$9.56
7BR10034	1" x 3/4" BR	\$13.08
7BR114100	1 1/4" x 1" BR	\$19.29
7BR112100	1 1/2" x 1" BR	\$27.24
7BR112114	1 1/2" x 1 1/4" BR	\$27.50
7BR200100	2" x 1" BR	\$45.41
7BR200112	2" x 1 1/2" BR	\$45.06
7BR300200	3" x 2" BR	\$132.27
7BR400300	4" x 3" BR	\$219.09



Unions:		Price
7UN18	1/8" Union	\$19.14
7UN14	1/4" Union	\$19.58
7UN38	3/8" Union	\$19.95
7UN12	1/2" Union	\$20.75
7UN34	3/4" Union	\$26.30
7UN100	1" Union	\$39.66
7UN114	1 1/4" Union	\$69.46
7UN112	1 1/2" Union	\$77.36
7UN200	2" Union	\$92.62
7UN300	3" Union	\$308.50
7UN400	4" Union	\$500.73



Elbow - 45 Deg		Price
7LL185	1/8" Elbow	\$7.46
7LL145	1/4" Elbow	\$7.46
7LL385	3/8" Elbow	\$8.61
7LL125	1/2" Elbow	\$9.47
7LL345	3/4" Elbow	\$13.94
7LL1005	1" Elbow	\$16.69
7LL1145	1 1/4" Elbow	\$25.71
7LL1125	1 1/2" Elbow	\$31.79
7LL2005	2" Elbow	\$44.30
7LL3005	3" Elbow	\$159.97
7LL4005	4" Elbow	\$284.68



Couplings:		Price
7FC18	1/8" FC	\$3.21
7FC14	1/4" FC	\$3.66
7FC38	3/8" FC	\$4.39
7FC12	1/2" FC	\$5.99
7FC34	3/4" FC	\$8.64
7FC100	1" FC	\$13.13
7FC114	1 1/4" FC	\$21.16
7FC112	1 1/2" FC	\$25.11
7FC200	2" FC	\$33.72
7FC300	3" FC	\$95.68
7FC400	4" FC	\$148.73



Street EL - 90deg.		Price
7SE18	1/8" Street EL	\$8.19
7SE14	1/4" Street EL	\$8.00
7SE38	3/8" Street EL	\$9.85
7SE12	1/2" Street EL	\$11.59
7SE34	3/4" Street EL	\$15.73
7SE100	1" Street EL	\$27.06
7SE114	1 1/4" Street EL	\$40.07
7SE112	1 1/2" Street EL	\$46.95
7SE200	2" Street EL	\$63.60
7SE300	3" Street EL	\$171.32
7SE400	4" Street EL	\$333.58



Tee:		Price
7TT18	1/8" Tee	\$7.90
7TT14	1/4" Tee	\$7.58
7TT38	3/8" Tee	\$9.80
7TT12	1/2" Tee	\$10.05
7TT34	3/4" Tee	\$16.00
7TT100	1" Tee	\$20.25
7TT114	1 1/4" Tee	\$41.06
7TT112	1 1/2" Tee	\$50.94
7TT200	2" Tee	\$64.44
7TT300	3" Tee	\$193.01
7TT400	4" Tee	\$348.60



Elbow - 90deg.		Price
7LL18	1/8" Elbow	\$5.90
7LL14	1/4" Elbow	\$5.82
7LL38	3/8" Elbow	\$7.22
7LL125	1/2" Elbow	\$7.47
7LL34	3/4" Elbow	\$10.63
7LL100	1" Elbow	\$15.25
7LL114	1 1/4" Elbow	\$26.81
7LL112	1 1/2" Elbow	\$35.00
7LL200	2" Elbow	\$43.78
7LL300	3" Elbow	\$125.06
7LL400	4" Elbow	\$244.05



Bushings:		Price
7RB1418	1/4 X 1/8 Bushing	\$3.80
7RB3814	3/8 x 1/4 Bushing	\$4.15
7RB1214	1/2 x 1/4 Bushing	\$5.10
7RB1238	1/2 x 3/8 Bushing	\$5.24
7RB3414	3/4 x 1/4 Bushing	\$7.67
7RB3412	3/4 x 1/2 Bushing	\$7.45
7RB10012	1 x 1/2 Bushing	\$10.27
7RB10034	1 x 3/4 Bushing	\$10.27
7RB11434	1 1/4 x 3/4 Bushing	\$18.80
7RB114100	1 1/4 x 1 Bushing	\$18.80
7RB11234	1 1/2 x 3/4 Bushing	\$22.29
7RB112100	1 1/2 x 1 Bushing	\$22.29
7RB200112	2 x 1 1/2 Bushing	\$33.99
7RB300200	3 x 2 Bushing	\$88.43
7RB400300	4 x 3 Bushing	\$154.70



Cap:		Price
7CP18	1/8" Cap	\$2.97
7CP14	1/4" Cap	\$4.25
7CP38	3/8" Cap	\$5.00
7CP12	1/2" Cap	\$5.19
7CP34	3/4" Cap	\$6.49
7CP100	1" Cap	\$9.61
7CP114	1 1/4" Cap	\$17.38
7CP112	1 1/2" Cap	\$22.55
7CP200	2" Cap	\$28.49
7CP300	3" Cap	\$70.90
7CP400	4" Cap	\$114.51



Plug:		Price
7F18	1/8" Plug	\$2.82
7F14	1/4" Plug	\$2.79
7F38	3/8" Plug	\$3.49
7F12	1/2" Plug	\$5.42
7F34	3/4" Plug	\$6.91
7F100	1" Plug	\$11.73
7F114	1 1/4" Plug	\$18.83
7F112	1 1/2" Plug	\$20.37
7F200	2" Plug	\$28.13
7F300	3" Plug	\$68.42
7F400	4" Plug	\$136.62



Cross:		Price
7CR18	1/8" Cross	\$13.53
7CR14	1/4" Cross	\$13.53
7CR38	3/8" Cross	\$16.13
7CR12	1/2" Cross	\$19.87
7CR34	3/4" Cross	\$33.62
7CR100	1" Cross	\$49.19
7CR114	1 1/4" Cross	\$58.41
7CR112	1 1/2" Cross	\$72.35
7CR200	2" Cross	\$103.59
7CR300	3" Cross	\$306.83
7CR400	4" Cross	\$498.47

Stainless Steel 304 Nipples

SIZE = NPT

Part No.	Dimensions	Price
7M18	1/8" x close	\$1.79
7M18x2	1/8" x 2"	\$2.80
7M18x3	1/8" x 3"	\$3.70
7M18x4	1/8" x 4"	\$4.60
7M18x5	1/8" x 5"	\$5.50
7M18x6	1/8" x 6"	\$6.41
7M18x7	1/8" x 7"	\$7.43
7M18x8	1/8" x 8"	\$8.34
7M18x12	1/8" x 12"	\$11.95

Part No.	Dimensions	Price
7M14	1/4" x close	\$2.04
7M14x2	1/4" x 2"	\$3.01
7M14x3	1/4" x 3"	\$4.69
7M14x4	1/4" x 4"	\$5.29
7M14x5	1/4" x 5"	\$6.40
7M14x6	1/4" x 6"	\$7.53
7M14x7	1/4" x 7"	\$8.77
7M14x8	1/4" x 8"	\$9.90
7M14x12	1/4" x 12"	\$14.33

Part No.	Dimensions	Price
7M38	3/8" x close	\$2.44
7M38x2	3/8" x 2"	\$3.59
7M38x3	3/8" x 3"	\$4.94
7M38x4	3/8" x 4"	\$6.30
7M38x5	3/8" x 5"	\$7.66
7M38x6	3/8" x 6"	\$9.01
7M38x7	3/8" x 7"	\$10.61
7M38x8	3/8" x 8"	\$11.96
7M38x12	3/8" x 12"	\$17.40

7M12	1/2" x close	\$3.13
7M12x2	1/2" x 2"	\$4.53
7M12x3	1/2" x 3"	\$6.33
7M12x4	1/2" x 4"	\$8.16
7M12x5	1/2" x 5"	\$9.94
7M12x6	1/2" x 6"	\$11.16
7M12x7	1/2" x 7"	\$13.71
7M12x8	1/2" x 8"	\$15.49
7M12x12	1/2" x 12"	\$22.68

7M34	3/4" x close	\$4.24
7M34x2	3/4" x 2"	\$5.39
7M34x3	3/4" x 3"	\$7.59
7M34x4	3/4" x 4"	\$9.73
7M34x5	3/4" x 5"	\$11.91
7M34x6	3/4" x 6"	\$14.09
7M34x7	3/4" x 7"	\$16.37
7M34x8	3/4" x 8"	\$18.52
7M34x12	3/4" x 12"	\$27.23

7M100	1" x close	\$5.57
7M100x2	1" x 2"	\$6.99
7M100x3	1" x 3"	\$9.69
7M100x4	1" x 4"	\$12.47
7M100x5	1" x 5"	\$60.01
7M100x6	1" x 6"	\$18.07
7M100x7	1" x 7"	\$24.16
7M100x8	1" x 8"	\$23.97
7M100x12	1" x 12"	\$35.79
7M100x24	1" x 24"	\$73.07

7M114	1-1/4" x close	\$7.47
7M114x2	1-1/4" x 2"	\$8.82
7M114x3	1-1/4" x 3"	\$12.22
7M114x4	1-1/4" x 4"	\$15.81
7M114x5	1-1/4" x 5"	\$19.38
7M114x6	1-1/4" x 6"	\$23.38
7M114x7	1-1/4" x 7"	\$26.84
7M114x8	1-1/4" x 8"	\$31.32
7M114x12	1-1/4" x 12"	\$52.19
7M114x24	1-1/4" x 24"	\$89.47

7M112	1-1/2" x close	\$10.45
7M112x2	1-1/2" x 2"	\$10.45
7M112x3	1-1/2" x 3"	\$12.03
7M112x4	1-1/2" x 4"	\$18.64
7M112x5	1-1/2" x 5"	\$22.36
7M112x6	1-1/2" x 6"	\$26.84
7M112x7	1-1/2" x 7"	\$31.31
7M112x8	1-1/2" x 8"	\$35.79
7M112x12	1-1/2" x 12"	\$53.68
7M112x24	1-1/2" x 24"	\$104.40

7M200	2" x close	\$14.92
7M200x3	2" x 3"	\$22.36
7M200x4	2" x 4"	\$23.86
7M200x5	2" x 5"	\$29.82
7M200x6	2" x 6"	\$35.73
7M200x7	2" x 7"	\$41.76
7M200x8	2" x 8"	\$46.22
7M200x12	2" x 12"	\$68.60
7M200x24	2" x 24"	\$137.21
7M200x36	2" x 36"	\$204.29
7M200x48	2" x 48"	\$283.32

7M300	3" x close	\$41.75
7M300x3	3" x 3"	\$44.74
7M300x4	3" x 4"	\$56.66
7M300x5	3" x 5"	\$65.62
7M300x6	3" x 6"	\$76.05
7M300x7	3" x 7"	\$90.97
7M300x8	3" x 8"	\$102.89
7M300x12	3" x 12"	\$150.61
7M300x24	3" x 24"	\$295.26
7M300x36	3" x 36"	\$366.84
7M300x48	3" x 48"	\$714.78



7M400	4" x close	\$53.68
7M400x4	4" x 4"	\$70.10
7M400x5	4" x 5"	\$83.50
7M400x6	4" x 6"	\$98.42
7M400x8	4" x 8"	\$132.72
7M400x12	4" x 12"	\$193.86

Schedule 80 & Forged Steel Pipe Fittings For Use With NH3



Elbows:	90Deg.	Price
FSLL14	1/4"	\$12.92
FSLL38	3/8"	\$15.12
FSLL12	1/2"	\$15.12
FSLL34	3/4"	\$15.12
FSLL100	1"	\$18.30
FSLL114	1-1/4"	\$37.62
FSLL112	1-1/2"	\$47.28
FSLL200	2"	\$60.22
FSLL212	2-1/2"	\$163.93
FSLL300	3"	\$261.64



Tees:		Price
FSTT14	1/4"	\$16.71
FSTT38	3/8"	\$18.60
FSTT12	1/2"	\$18.60
FSTT34	3/4"	\$22.55
FSTT100	1"	\$31.53
FSTT114	1-1/4"	\$54.86
FSTT112	1-1/2"	\$66.63
FSTT200	2"	\$81.96
FSTT212	2-1/2"	\$208.07
FSTT300	3"	\$356.25



Reducing Coupling:		Price
FSRC14	1/4"	\$14.18
FSRC38	3/8"	\$14.18
FSRC12	1/2"	\$14.18
FSRC34	3/4"	\$15.45
FSRC100	1"	\$20.96
FSRC114	1-1/4"	\$32.16
FSRC112	1-1/2"	\$37.84
FSRC200	2"	\$53.53
FSRC300	3"	\$280.56
FSRC400	4"	\$428.75



Plugs:		Price
FSF14	1/4"	\$3.48
FSF38	3/8"	\$3.48
FSF12	1/2"	\$3.63
FSF34	3/4"	\$4.83
FSF100	1"	\$6.92
FSF114	1-1/4"	\$12.92
FSF112	1-1/2"	\$15.21
FSF200	2"	\$25.87
FSF212	2-1/2"	\$66.21
FSF300	3"	\$10.32



Street Elbow:		Price
FSSE14	1/4"	\$28.06
FSSE38	3/8"	\$28.06
FSSE12	1/2"	\$28.06
FSSE34	3/4"	\$34.67
FSSE100	1"	\$46.59
FSSE114	1-1/4"	\$81.96
FSSE112	1-1/2"	\$100.87
FSSE200	2"	\$145.00
FSSE300	3"	\$542.22



Couplings:		Price
FSFC14	1/4"	\$7.57
FSFC38	3/8"	\$7.57
FSFC12	1/2"	\$7.57
FSFC34	3/4"	\$8.20
FSFC100	1"	\$14.50
FSFC114	1-1/4"	\$22.55
FSFC112	1-1/2"	\$28.45
FSFC200	2"	\$36.26
FSFC212	2-1/2"	\$87.41
FSFC300	3"	\$179.70



Bushings:		Price
FSRB14	1/4"	\$5.67
FSRB38	3/8"	\$5.67
FSRB12	1/2"	\$5.67
FSRB34	3/4"	\$6.29
FSRB100	1"	\$9.97
FSRB114	1-1/4"	\$16.66
FSRB112	1-1/2"	\$19.30
FSRB200	2"	\$28.33
FSRB300	3"	\$107.04



Unions:		Price
FSUN14	1/4"	\$29.01
FSUN38	3/8"	\$29.01
FSUN12	1/2"	\$29.01
FSUN34	3/4"	\$30.28
FSUN100	1"	\$39.73
FSUN114	1-1/4"	\$67.77
FSUN112	1-1/2"	\$78.81
FSUN200	2"	\$99.30
FSUN300	3"	\$293.20



Cross:		Price
FSCR14	1/4"	\$61.73
FSCR38	3/8"	\$55.17
FSCR12	1/2"	\$52.03
FSCR34	3/4"	\$58.32
FSCR100	1"	\$69.30
FSCR114	1-1/4"	\$119.62
FSCR112	1-1/2"	\$148.17
FSCR200	2"	\$208.07
FSCR212	2-1/2"	\$680.94
FSCR300	3"	\$841.70

Schedule 80 Seamless Nipples

Size = NPT



Part No.		Price
FSM14	1/4"	\$10.54
FSM14x2	1/4" X 2"	\$12.93
FSM14x3	1/4" X 3"	\$15.93
FSM14x4	1/4" X 4"	\$19.90
FSM14x5	1/4" X 5"	\$30.24
FSM14x6	1/4" X 6"	\$33.47
FSM14x8	1/4" X 8"	\$49.07
FSM14x12	1/4" X 12"	\$59.31



Part No.		Price
FSM38	3/8"	\$12.34
FSM38x2	3/8" X 2"	\$14.15
FSM38x3	3/8" X 3"	\$18.33
FSM38x4	3/8" X 4"	\$21.81
FSM38x5	3/8" X 5"	\$31.84
FSM38x6	3/8" X 6"	\$35.53
FSM38x8	3/8" X 8"	\$52.16
FSM38x12	3/8" X 12"	\$66.46



Part No.		Price
FSM12	1/2"	\$6.30
FSM12x2	1/2" X 2"	\$7.43
FSM12x3	1/2" X 3"	\$9.62
FSM12x4	1/2" X 4"	\$11.56
FSM12x5	1/2" X 5"	\$15.13
FSM12x6	1/2" X 6"	\$15.96
FSM12x8	1/2" X 8"	\$32.74
FSM12x12	1/2" X 12"	\$42.97



Part No.		Price
FSM34	3/4"	\$7.17
FSM34x2	3/4" X 2"	\$7.97
FSM34x3	3/4" X 3"	\$10.47
FSM34x4	3/4" X 4"	\$12.74
FSM34x5	3/4" X 5"	\$15.93
FSM34x6	3/4" X 6"	\$18.67
FSM38x8	3/4" X 8"	\$34.26
FSM34x12	3/4" X 12"	\$47.04



Part No.		Price
FSM100	1"	\$10.07
FSM100x2	1" X 2"	\$10.67
FSM100x3	1" X 3"	\$13.59
FSM100x4	1" X 4"	\$17.02
FSM100x5	1" X 5"	\$20.72
FSM100x6	1" X 6"	\$23.89
FSM100x8	1" X 8"	\$49.07
FSM100x12	1" X 12"	\$64.34



Part No.		Price
FSM114	1-1/4"	\$12.63
FSM114x2	1-1/4" X 2"	\$13.23
FSM114x3	1-1/4" X 3"	\$17.66
FSM114x4	1-1/4" X 4"	\$20.81
FSM114x5	1-1/4" X 5"	\$26.39
FSM114x6	1-1/4" X 6"	\$30.37
FSM114x8	1-1/4" X 8"	\$61.36
FSM114x12	1-1/4" X 12"	\$81.82

Part No.		Price
FSM112	1-1/2"	\$15.19
FSM112x3	1-1/2" X 3"	\$21.67
FSM112x4	1-1/2" X 4"	\$24.97
FSM112x5	1-1/2" X 5"	\$31.66
FSM112x6	1-1/2" X 6"	\$35.26
FSM112x8	1-1/2" X 8"	\$71.60
FSM112x12	1-1/2" X 12"	\$95.79

Part No.		Price
FSM200	2"	\$17.96
FSM200x3	2" X 3"	\$23.89
FSM200x4	2" X 4"	\$28.66
FSM200x5	2" X 5"	\$35.82
FSM200x6	2" X 6"	\$41.43
FSM200x8	2" X 8"	\$82.86
FSM200x12	2" X 12"	\$110.46

Part No.		Price
FSM300	3"	\$76.47
FSM300x3	3" X 3"	\$79.06
FSM300x4	3" X 4"	\$94.10
FSM300x5	3" X 5"	\$108.51
FSM300x6	3" X 6"	\$102.55
FSM300x8	3" X 8"	\$176.91
FSM300x12	3" X 12"	\$231.13

Valves



3-Way Union Valve

Part No.	Description	Price
9951-3050N	1/2" 3 Way Bottom Load Union Valve	\$31.02
9951-3075N	3/4" 3 Way Bottom Load Union Valve	\$31.02
9951-3100N	1" 3 Way Bottom Load Union Valve	\$39.66
9951-3125N	1-1/4" 3 Way Bottom Load Union Valve	\$69.02
9951-3150N	1-1/2" 3 Way Bottom Load Union Valve	\$68.08
9951-3200N	2" 3 Way Bottom Load Union Valve	\$85.26



Brass Ball Valves

		Price
90FFB14	1/4" Brass Ball Valve - T Handle	\$16.94
90FFB38	3/8" Brass Ball Valve - T Handle	\$16.94
90FFB12	1/2" Brass Ball Valve - T Handle	\$28.68
90FFB34	3/4" Brass Ball Valve	\$29.98
90FFB100	1" Brass Ball Valve	\$42.11
90FFB125	1-1/4" Brass Ball Valve	\$75.61
90FFB150	1-1/2" Brass Ball Valve	\$99.08
90FFB200	2" Brass Ball Valve	\$115.79
90FFB300	3" Brass Ball Valve	\$415.79
90FFB400	4" Brass Ball Valve	\$729.99
LK90FFB100	1" Lockable Brass Valve	\$53.46



Butterfly Valves

		Price
BV-2A	2" Butterfly Valve	\$206.85
BV-3A	3" Butterfly Valve	\$250.32
BV-4A	4" Butterfly Valve	\$329.36
BV-6A	6" Butterfly Valve	\$500.64
BV-8A	8" Butterfly Valve	\$790.47

Stainless Steel Deadman Valve



Automatic Closing Valve -
Spring loaded handle remains closed unless it is held open. Prevents loss in the event of sight gauge line failure.

Part No.	Call for Pricing	Price
A7650301	1/2" Valve	Call
A7650401	3/4" Valve	Call
A7650501	1" Valve	Call



316 STAINLESS STEEL BALL VALVES

Part No.	Description	Price
VSSM018	1/8" FPT x 1/8" MPT	\$31.63
VSS018	1/8 x 1/8" Full Port Ball Valve	\$31.64
VSS025	1/4" x 1/4" SS Full Port Ball Valve	\$33.69
VSS038	3/8" x 3/8" SS Full Port Ball Valve	\$33.69
VSS050	1/2" x 1/2" SS Full Port Ball Valve	\$40.00
VSS075	3/4" x 3/4" SS Full Port Ball Valve	\$47.37
VSS100	1" x 1" SS Full Port Ball Valve	\$68.43
VSS125	1-1/4" x 1-1/4" SS Full Port Ball Valve	\$115.91
VSS150	1-1/2" x 1-1/2" SS Full Port Ball Valve	\$154.09
VSS200	2" x 2" SS Full Port Ball Valve	\$193.63
VSS300	3" x 3" SS Full Port Ball Valve	\$512.44



Brass Gate Valves

		Price
GV-12BR	1/2" Brass Gate Valve	\$26.32
GV-34BR	3/4" Brass Gate Valve	\$33.69
GV-10BR	1" Brass Gate Valve	\$51.58
GV-114BR	1-1/4" Brass Gate Valve	\$56.85
GV-112BR	1-1/2" Brass Gate Valve	\$75.79
GV-200BR	2" Brass Gate Valve	\$121.06
GV-300BR	3" Brass Gate Valve	\$257.90



Flanges

150# Poly ANSI Flanges

		Price
AF100	1" Female Thd ANSI Flange	\$18.75
AF150	1-1/2" Female Thd ANSI Flange	\$35.94
AF200	2" Female Thd ANSI Flange	\$34.94
MAF220	2" Flange x ANSI Flange	\$10.66
AF300	3" Female Thd ANSI Flange	\$67.01
AF400	4" Female Thd ANSI Flange	\$141.60

Carbon Steel Threaded Pipe Flanges - 150 Pound

T200-1	2" Threaded Flange	\$58.67
T300-1	3" Threaded Flange	\$76.91
T400-1	4" Threaded Flange	\$97.81
T600-1	6" Threaded Flange	\$146.05

Stainless Steel Flanges

SSF200	2" Threaded Flange	\$131.58
SSF300	3" Threaded Flange	\$210.53
SSF400	4" Threaded Flange	\$315.79

Gaskets for Flanges-EPDM

FG200	2" Flange Gasket	\$9.00
FG300	3" Flange Gasket	\$9.00
FG400	4" Flange Gasket	\$11.00
FG600	6" Flange Gasket	\$20.00
FG800	8" Flange Gasket	\$22.00

Valves & Accessories

Poly Bolted Ball Valves

Part No.	Description	Price
V050	1/2" FPT , 3/4" Port	\$46.26
V075	3/4" FPT , 3/4" Port	\$46.26
V100	1" FPT , 3/4" Port	\$46.26
V100FP	1" FPT , 1" Port	\$51.04
V125	1-1/4" FPT , 1" Port	\$51.04
V125FP	1-1/4" FPT , 1-1/2" Port	\$65.35
V150	1-1/2" FPT , 1-1/2" Port	\$65.35
V200	2" FPT , 1-1/2" Port	\$65.35
V200FP	2" FPT , 2" Port - 6 BOLT	\$90.20
V204FP	2" FPT , 2" Port - 4 BOLT	\$85.36
V300	3" FPT , 2-1/2" Port	\$145.48
V300FP	3" FPT , 3" Port	\$215.12
V400	4" FPT , 3-1/2" Port	\$469.22



Bottom Load Valves

Part No.	Description	Price
V075BL	3-Way 3/4" FPT, 1" Port	\$66.73
V100BL	3-Way 1" FPT, 1" Port	\$66.65
V125BL	3-Way 1-1/4" FPT, 1-1/2" Port	\$103.38
V150BL	3-Way 1-1/2" FPT, 1-1/2" Port	\$103.38
V200BL	3-Way 2" FPT, 2" Port	\$128.36



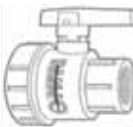
Side Load Poly Valves

Part No.	Description	Price
V075SL	3-Way 3/4" FPT, 1" Port	\$66.65
V100SL	3-Way 1" FPT, 1" Port	\$66.65
V125SL	3-Way 1-1/4" FPT, 1-1/2" Port	\$103.38
V150SL	3-Way 1-1/2" FPT, 1-1/2" Port	\$103.38
V200SL	3-Way 2" FPT, 2" Port	\$128.36



Single Union Poly Valves

Part No.	Description	Price
UV050FP	1/2" FPT , 3/4" Port	\$22.44
UV075FP	3/4" FPT , 3/4" Port	\$22.44
UV100FP	1" FPT , 1" Port	\$28.07
UV125FP	1-1/4" FPT , 1-1/2" Port	\$48.10
UV150FP	1-1/2" FPT , 1-1/2" Port	\$47.76
UV200FP	2" FPT , 2" Port	\$60.66



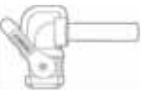
3-Way Bottom Load Union Valve

Part No.	Description	Price
9951-3050N	3-Way 1/2"	\$31.02
9951-3075N	3-Way 3/4"	\$31.02
9951-3100N	3-Way 1"	\$39.66
9951-3125N	3-Way 1-1/4"	\$69.02
9951-3150N	3-Way 1-1/2"	\$68.08
9951-3200N	3-Way 2"	\$85.26



Nozzle Valves

Part No.	Description	Price
VA150	1-1/2" FPT , 1-1/2" Port	\$78.69
VA200	2" FPT , 1-1/2" Port	\$78.69
VA200/150	2" FPT , 1-1/2" Nozzle Pipe	\$76.57
VA200FP	2" FPT , 2" Port	\$115.25
V20166	1-1/2" Nozzle Only	\$8.70
V25165	2" Nozzle Only	\$9.87



Dispensing Nozzle

Part No.	Description	Price
V10161	1" Poly Nozzle Pipe - Pipe Only	\$19.14
VN100	1" Poly Nozzle Valve	\$85.45



Replacement Handles

Part No.	Description	Price
V10153A	New Style V050,V075, V100,VA100,V100FP,V125	\$6.51
V20152	Fits: VA150,VA200 (Angle)	\$11.01
V20153	Fits: V125FP,V150,V200	\$11.01
V25153	Fits: V200FP,V300FP,V400	\$17.98
V25152	Fits: VA200FP (Angle)	\$17.98
UV07153	Fits: 3/4" Union Valve	N/A
UV10153	Fits: 1" Union Valve	\$9.29
UV15153	Fits: 1-1/2" Union Valve	\$13.67
UV20153	Fits: 2" Union Valve	\$13.67



Accessories

Part No.	Description	Price
VL20153	Locking Device Fits: V125FP, V150 & V200 (Padlock Not Included)	\$23.53
VL25153	Locking Handle Fits: V200FP, V300, V300FP, & V400 (Padlock Not Included)	\$43.50
V10270	Straight Mnt. Brkt.Fits: V100FP & V125	\$19.04
V10271	90Deg. Mnt. Brkt. Fits: V100FP & V125	\$13.17
V25271	90Deg. Mnt. Brkt. Fits: V150,V200, V200FP,V300,&V300FP	\$23.68
V25270	Straight Mnt. Brkt. Fits :V150,V200, V200FP,V300,&V300FP	\$20.19



Handle Risers

Part No.	Description	Price
V10153138BL	Fits: V075BL & V100BL	\$8.21
V10153138	Fits V100FP, V125, V075SL & V100SL	\$8.21
V20153138BL	Fits: V125BL & V150BL	\$18.99
V20153138	Fits: V125FP,V150,V200,V125SL,V150SL	\$9.01
V25153138BL	Fits: MV200BL, MV220BL & MV300BL	\$9.03
V25153138	Fits: V200FP & V200SL	\$9.03



Valve Carry Handle

Part No.	Description	Price
V25272	Fits most bolted valves 1-1/4" FP and larger	\$35.60
H25053	Carry handle for valves	\$25.12



1-800-391-9004

Threaded "Stubby" Valves



2" Standard Port "Stubby Valve"

Part No.	Description	Port	Price
VSF200	2" Male Cam x 2" FNPT	1-1/2"	\$72.24
VSMT200	2" MNPT x 2" FNPT	1-1/2"	\$72.24
VSFMT200	2" Male Cam x 2" MNPT	1-1/2"	\$76.84
VSFHB200	2" Male Cam x 2" Hose Barb	1-1/2"	\$88.09

2" Full Port "Stubby Valve"

Part No.	Description	Port	Price
VSMT204FP	2" MNPT x 2" FNPT	2"	\$87.03
VSF204FP	2" Male Cam x 2" FNPT	2"	\$87.03
VS204FP	2" FNPT x 2" FNPT	2"	\$87.03
VSFMT204FP	2" Male Cam x 2" MNPT	2"	\$87.03
VSFMT204HSFP	2" MNPT x 2" Male Cam With SS Ball/Stem	2"	\$245.76



2" Full Port Stainless Steel "Stubby Valve"

VSFMT220SS	2" FP Male Adapter x 2" NPT SS	2"	\$444.24
VSHBMT204FP	2" HB x 2" MNPT	2"	\$85.21
VSHBMT204HSFP	2" HB x 2" MNPT w SS Ball/Stem	2"	\$223.71
VSHBD204FP	2" HB x 2" F Coupler	2"	\$106.94
VSHBD204HSFP	2" HB x 2" F Coupler w SS Ball/Stem	2"	\$245.45
VSFD204FP	2" M Adapter x 2" F Coupler	2"	\$106.94
VSFD204HSFP	2" M Adapt. x 2" F Coupler w/ SS Ball/Stem	2"	\$245.45
VFMT204FP	2" MNPT x 2" M Adapter	2"	\$95.28
VSF204HSFP	2" FNPT x 2" M adapter w SS Ball/Stem	2"	\$223.71
VF204FP	2" FNPT x 2" M Adapter	2"	
VSMT204HSFP	2" M NPT x 2" F NPT w/ SS Ball/Stem	2"	\$223.71
VMT204FP	2" M NPT x 2" F NPT	2"	\$93.01
VSFHB204FP	2" M Cam Adapter x 2" HB	2"	\$85.21



Part No.	Description	Port	Price
VSMTMT200	2" M NPT x 2" M NPT	1-1/2"	\$75.12
VMM204FP	2" M NPT x 2" M NPT; Full Port	2"	\$93.01



Easy-Fill Valve

Part No.	Description	Price
VBHB204FP	2" Full Port Easy-Fill Valve	\$110.80
VBHB205FP	2" Full Port Easy-Fill Valve w/ carry handle	\$135.16
VBHB304FP	3" Full Port Easy-Fill Valve	\$263.08
VBHB305FP	3" Full Port Easy-Fill Valve w/ carry handle	\$287.46
H25053	Carry Handle for valves	\$25.12



2" Full Port Bolted Ball Valves w/ Part "F"

Part No.	Description	Price
VFMT200FP	2" FP 6-Bolt w/ Male Cam	\$104.78
VFMT204FP	2" FP 4-Bolt w/ Male Cam	\$95.28

3" Standard Port "Stubby Valve"

Part No.	Description	Port	Price
VSMT300	3" FNPT x 3" MNPT	2-1/2"	\$222.73
VSF300	3" FNPT x 3" Male Cam	2-1/2"	\$173.47
VSFMT300	3" MNPT x 3" Male Cam	2-1/2"	\$173.47



3" Full Port "Stubby Valve"

Part No.	Description	Port	Price
VSFMT300FP	3" FP MPT x Male Cam	3"	\$218.96
VSFMT300HSFP	3" FP MPT x 3" Male Cam With SS Ball/Stem	3"	\$437.53

Part No.	Description	Port	Price
VSHBMT300FP	3" HB x 3" M NPT	3"	\$220.55
VSHBMT300HSFP	3" HB x 3" M NPT w/ SS Ball/Stem	3"	\$419.36
VSHBD300FP	3" HB x 3" F Coupler	3"	\$254.53
VSHBD300HSFP	3" HB x 3" F Coupler w/ SS Ball/Stem	3"	\$453.24
VSFD300FP	3" M Adapter x 3" F Coupler	3"	\$254.53
VSFD300HSFP	3" M Adapter x 3" F Coupler w/ SS Ball/Stem	3"	\$453.24
VSFHB300FP	3" M Cam Adapter x 3" HB	3"	\$220.55



Valves and Miscellaneous

Swing Check Valve

Brass or Stainless Steel



FPT	Brass Part No	Brass Price	Stainless Part No	Stainless Price
1/4"	N/A	N/A	SWCV025	
3/8"	N/A	N/A	SWCV038	
1/2"	N/A	N/A	SWCV050	C
3/4"	10543		SWCV075	A
1"	10544		SWCV100	L
1 1/4"	10545	C	SWCV125	L
1 1/2"	10546	A	SWCV150	
2"	10547	L	SWCV200	
3"	10549	L	N/A	N/A
4"	10550		N/A	N/A

PVC In-Line Check Valve

PVC Body, Stainless Steel Spring,
PVC Poppet w Resilient Neoprene Seal.
200 PSI at 72 deg F. (not for use w/Air)
Threads comply w/ ANSI B2.1.



Part No	FPT	Price
101-103	1/2"	\$36.00
101-104	3/4"	\$36.00
101-105	1"	\$49.00
101-106	1-1/4"	\$64.00
101-107	1-1/2"	\$69.00
101-108	2"	\$98.00
101-109	3"	\$190.00

Suction Line Mesh Strainer

Molded Polyvinyl Chloride (PVC) Base
Bonded to a 40 mesh wire cloth strainer.

Part No	FPT	Price
RV663	1/4"	\$6.00
RV663-1	3/8"	\$7.00
RV663-2	1/2"	\$8.00
RV663-3	3/4"	\$8.00
RV663-4	1"	\$13.00
RV663-6	1-1/2"	\$19.00



Stainless Steel Check Valves

Part No	FPT	Price
CVSE025	1/4"	\$49.00
CVSE038	3/8"	\$36.00
CVSE050	1/2"	\$36.00
CVSE075	3/4"	\$50.00
CVSE100	1"	\$60.00
CVSE125	1-1/4"	\$79.00
CVSE150	1-1/2"	\$100.00
CVSE200	2"	\$159.00
CVSE300	3"	\$490.00
CVSE400	4"	\$970.00



Steel Basket Strainer

Part No	FPT	Price
RHS-6	1-1/2"	\$36.00
RHS-8	2"	\$41.00
RHS-12	3"	\$56.00
RHS-16	4"	\$77.00



Cast Iron Foot Valves (painted)

Part No	FPT	Price
FV-6	1-1/2"	\$52.00
FV-8	2"	\$75.00
FV-12	3"	\$119.00
FV-16	4"	\$190.00



Fire Nozzle

This is an excellent high pressure nozzle
made of corrosion-resistant nylon. An adj.
pattern from a straight stream to a wide spray
is easily attained by simply rotating the nozzle.

Part No.		Price
FNB100S	1" FPT	\$65.00
FNB150S	1-1/2" FPT	\$60.00
FNG100	1" Gasket	\$6.00
FNG150	1-1/2" Gasket	\$6.00
GHN075	3/4" Banjo Garden Hose Nozzle	\$44.06



Banjo Poly Check Valve

Flanged Connections, 150 PSI,
2 - 3 PSI 316 SS Spring
EPDM Gaskets One Piece Construction

Part No.		Price
MCV100	1" Flanged	\$22.22
MCV200	2" Flanged	\$28.76
MCV220	2" FP Flanged	\$34.61
MCV300	3" FP Flanged	\$57.57



Part No.	Size	Price
CV050	1/2" FPT x FPT	\$21.61
CV100	1' FPT x FPT	\$27.29
CV100MT	1" MPT x FPT	\$22.75
CV221	2' FPT x FPT	\$37.82
CV300	3" FPT x FPT	\$55.66



1-800-450-6666

Micro Valves



Polypropylene Micro Valves With Viton Seals

Part No.	Description	Price
LVHB025V	1/4" x 1/4" Barbs	N/A
LVHB038V	3/8" x 3/8" Barbs	\$27.24
LVHB050V	1/2" x 1/2" Barbs	\$27.24
LVHB075V	3/4" x 3/4" Barbs	\$27.24
LVHB038050MTV	3/8" Hose Barb x 1/2" MPT	\$27.24
LVHB075100MTV	3/4" Hose Barb x 1" MPT	\$31.13
LVHB075MTV	3/4" Hose barb x 3/4"MPT	\$27.27

LV025V	1/4" FPT x 1/4" FPT	\$27.24
LV038V	3/8" FPT x 3/8" FPT	\$27.24
LV050V	1/2" FPT x 1/2" FPT	\$27.24

LV050SLV	1/2" Side Load MicroValve	\$37.02
MLV100V	1" Manifold Micro Valve	N/A

Part No.	Description	Price
LV025MTV	1/4" FPT x 1/4" MPT	\$27.24
LV038MTV	3/8"FPT x 3/8" MPT	\$27.24
LV038050MTV	3/8" FPT x 1/2" MPT	\$27.24
LV050MTV	1/2" FPT x 1/2" MPT	\$27.24
LV050100MTV	1/2" FPT x 1" MPT	\$31.13

LVPL025V	1/4" Push Lock	\$32.83
LVPL038V	3/8" Push Lock	\$32.89
LVPL050V	1/2" Push Lock	\$43.40
LVPL038MPTV	3/8" Female Push Lock x 3/8" MPT	N/A
LVPL038025MPTV	3/8" Female Push Lock x 1/4" MPT	N/A

Micro Valves with Locking Handles

Part No.	Description	Price
LV038050MTLV	3/8" FPT x 1/2"MPT w/ Locking Handle	\$37.02
LV050100MTLV	1/2" FPT x 1" MPT w/ Locking Handle	\$40.93
LVHB075MTLV	3/4" HB x 3/4" MPT w/ Locking Handle	N/A
LVHB075100MTLV	3/4" HB x 1" MPT w/ Locking Handle	\$40.93
LV050SLLV	1/2" Side Load w/ Locking Handle	\$46.82



Poly Bolted Ball Valves



- *Available from size 1" to 4"
- *Glass reinforced polypropylene
- *Stainless Steel Bolts
- *Self aligning Ball
- *Pressure rated at 125 PSI

Part No.	Size	Port	Price
61117	1"FPT	1" Std	\$38.00
61118	1"FPT	1" FP	\$43.00
61121	1-1/2"FPT	1-1/2" Std	\$55.00
61122	2" FPT	2" Std	\$55.00
62309	2" FPT	2" FP 4-Bolt	\$63.00
61123	2" FPT	2" FP 6-Bolt	\$73.00
61124	3" FPT	3" FP	\$125.00
62788	4" FPT	4" FP	\$370.00
60479	1" Union Valve	45 Deg. Noz.	\$27.00
60446	Handle 1" Union		\$4.00

Manifold Valves

Manifold 4 & 6 Bolted Valves

Part No.	Description	Price
MV100CF	1" Full Port	\$51.00
MV200CF	2" Standard Port	\$70.04
MV220CF	2" Full Port	\$93.32
MV300	3" Standard Port	\$154.45
MV300CF	3" Full Port	\$222.73



2" Manifold Stubby Valves

Part No.	Description	Price
VSMT200CF	2" Std. Flange x 2" MNPT	\$84.08
VSF200CF	2" Std. Flange x 2" Male Adapter	\$72.24
MVS220FP	2" FP Flange x 2" FNPT	\$104.42
MVSF220FP	2" FP Flange x 2" Male Adapter	\$87.03
MVS220CF	2" FP Flange x 2" FP Flange	\$87.03
MVSMT220FP	2" FP Flange x 2" Male NPT	\$87.03
MVS204HSFP	2" FP Flange x 2" Female NPT w SS Ball, Stem & Handle	\$223.71
MVS220HSFP	2" FP Flange x 2" FP Flange w/ SS Ball, Stem & Handle	\$238.06
MVSF220HSFP	2" FP Flange x 2" Male Adapter w/ SS Ball, Stem & Handle	\$223.71
MVSMT220HSFP	2" FP Flange x 2" Male NPT w/ SS Ball, Stem & Handle	\$223.71



2" & 3" Flange x Hose Barb Valves

Part No.	Description	Price
MVSHB220FP	2" FP Flange x 2" Hose Barb	\$85.23
MVSHB220HSFP	2" FP Flange x 2" Hose Barb w/ SS Ball, Stem & Handle	\$223.71
MVSHB300FP	3" Flange x 3" Hose Barb	\$218.06
MVSHB300HSFP	3" Flange x 3" Hose Barb w/ SS Ball, Stem & Handle	\$418.83



2" & 3" Flange x Female Coupler

Part No.	Description	Price
MVSD220FP	2" FP Flange x 2" Female Coupler	\$106.94
MVSD220HSFP	2" FP Flange x 2" Female Coupler w/ SS Ball, Stem & Handle	\$245.45
MVSD300FP	3" Flange x 3" Female Coupler	\$254.53
MVSD300HSFP	3" Flange x 3" Female Coupler w/ SS Ball, Stem & Handle	\$453.24



3" Manifold Stubby Valves

Part No.	Description	Price
MVSF300	3" Manifold Flange x 3" Male Adapter	\$173.47
MVSF300FP	3" Manifold Flange x 3" Male Adapter	\$216.52
MVSMT300	3" Manifold Flange x 3" MNPT	\$222.73
MVSMT300FP	3" Flange x 3" Male NPT	\$218.06
MVS300CF	3" Manifold Flange x 3" Manifold Flange	\$173.47
MVS300CFFP	3" Flange x 3" Flange	\$211.57
MVS300HSFP	3" Flange x 3" Flange w/ SS Ball, Stem & Handle	\$426.24
MVSF300HSFP	3" Flange x 3" Male Adapter w/ SS Ball, Stem & Handle	\$419.26
MVSMT300HSFP	3" Flange x 3" Male NPT w/ SS Ball, Stem & Handle	\$425.82



1" Single Union Valve

Part No.	Description	Price
MSUV100FP	1" Manifold Full Port Union Valve	\$28.07



Manifold Valves

3 Way Bottom Load Ball Valves

Part No.	Description	Price
MV100BL	1" Full Port - 1" Port	\$80.19
MV200BL	2" Standard Port - 1-1/2" Port	\$91.65
MV220BL	2" Full Port - 2" Port	\$133.18
MV300BL	3" Full Port - 3" Port	\$356.67



3 Way Side Load Ball Valves

Part No.	Description	Price
MV100SL	1" Full Port - 1" Port	\$80.12
MV200SL	2" Standard Port - 1-1/2" Port	\$103.58
MV220SL	2" Full Port - 2" Port	\$133.05



Manifold Pressure Spike Valves

Part No.	Description	Price
MPRV100-050	1" Flange Pressure Relief 50psi	\$101.59
MPRV100-075	1" Flange Pressure Relief 75psi	\$101.59
MPRV100-100	1" Flange Pressure Relief 100psi	\$93.73
MPRV100-125	1" Flange Pressure Relief 125psi	\$93.63



Poly Pinch Valve

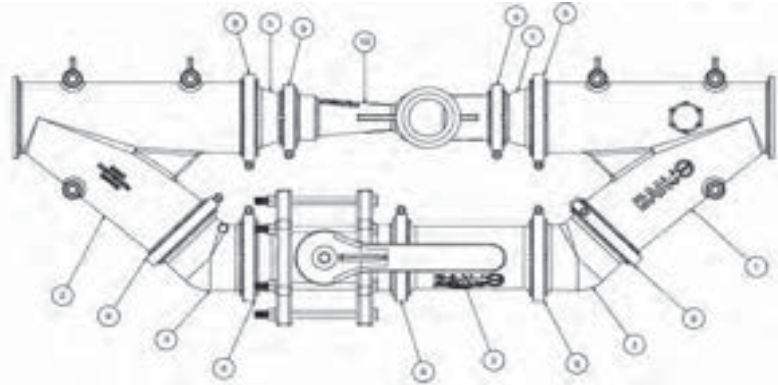
Part No.	Description	Price
PV075	3/4" x 3/4" Poly Pinch Valve	\$96.09
PV100	1" x 1" Poly Pinch Valve	\$96.09
PV100-075	1" x 3/4" Pinch Valve	\$96.09



Manifold Venturi System

Maifold Venturi's

Part No.	Description	Price
HV200	2" MPT Venturi	\$158.06
MHV200	2" Manifold Venturi w/ 1-1/2" Port	\$144.88
MHV220A	2" Full Port Manifold Venturi	\$145.59



Venturi Assembly

Part No	Description	Price
MIS220	2" FP - Flange x Flange Assembled	\$607.50
MIS300	3" FP - Flange x Flange Assembled	\$1,166.35

3" Manifold Venturi Parts Breakdown

Item	Part No.	Description
1	BFC220	220 Series Worm Screw Clamp
2	MVS220CF	2" FP Flange x 2" FP Flange
3	M220CPG6	2" x 2" FP Flange x 6"
4	M220YG45	2" FP 45 Deg Y Flange w/ 3/4" Gauge Port
5	M220Y45	2" FP 45 Deg Y Flange
6	M220CPG45	2" FP 45 Deg Coupling
7	PLUG075	3/4" Pipe Plug
8	MHV220A	2" FP Poly Venturi
N/S	M221G	2" FP EPDM Manifold Gasket w/ Rib

Item	Part No.	Description
1	BFC300	300 Series Worm Screw Clamp
2	MV301CF	3" FP Flange x 3" FP Flange
3	M300CPG7	3" x 3" FP Flange x 7"
4	M300YG45	3" FP 45 Deg Y Flange w/ 3/4" Gauge Port
5	M300Y45	3" FP 45 Deg Y Flange
6	M300220CPG	3" x 2" FP Reducer Flange
7	M300CPG45	3" FP 45 Deg Coupling
8	PLUG075	3/4" Pipe Plug
9	MHV220A	2" FP Poly Venturi
10	BFC220	220 Series Worm Screw Clamp
N/S	M221G	2" FP EPDM Manifold Gasket w/ Rib
N/S	M301G	3" EDPM Manifold Gasket w/ Rib

Threaded Electric Valves

3/4" - 1-1/2" EVX On/Off Bolted Electric Valves

Part No.	Description	Response	PSI	Opening	Price
EVX071	3/4" Electric Valve Full Port	3/4 sec.	300	3/4"	\$535.87
EVX101	1" Electric Valve Full Port	3/4 sec.	300	1"	\$548.75
EVX121	1 1/4" Electric Valve Full Port	3/4 sec.	300	1-1/4"	\$535.37
EVX151	1 1/2" Electric Valve Full Port	3/4 sec.	250	1-1/2"	\$786.96

3/4" - 1-1/2" EVX Regulating Bolted Electric Valves

Part No.	Description	Response	PSI	Opening	Price
EVXR071	3/4" Electric Valve Full Port	4 sec.	300	1"	\$563.61
EVXR101	1" Electric Valve Full Port	4 sec.	300	1"	\$548.88
EVXR151	1-1/2" Electric Valve Full Port	4 sec.	250	1-1/2"	\$808.97

2" EVX On/Off Bolted Electric Valves

Part No.	Description	Response	PSI	Opening	Price
EVX201	2" Electric Valve Std.	1-1/2 sec.	250	1-1/2"	\$786.96
EVX221	2" Electric Valve Full Port	1-1/2 sec.	125	2"	\$857.79

2" EVX Regulating Bolted Electric Valves

Part No.	Description	Response	PSI	Opening	Price
EVXR201	2" Electric Valve Std	4 Sec.	250	2"	\$829.18
EVXR221	2" Electric Valve Full Port	4 sec.	125	2"	\$877.62

3" EVX On/Off Welded Electric Valves

Part No.	Description	Response	PSI	Opening	Price
EVX300	3" Electric Valve Full Port	1-1/2 sec.	150	3"	\$1,555.50

3" EVX Regulating Welded Electric Valves

Part No.	Description	Response	PSI	Opening	Price
EVXR300	3" Electric Valve Full Port	4 sec.	125	3"	\$1,559.82

THREADED VALVES

3/4" - 2" EVX Bolted Bottom Load Electric Valves

Part No.	Description	Response	PSI	Opening	Price
EVX075BL	3/4" Full Port	3/4 Sec	300	1"	\$624.15
EVX100BL	1" Full Port	3/4 Sec	300	1"	\$608.38
EVX125BL	1-1/4" Full Port	3/4 Sec	250	1"	\$623.58
EVX150BL	1-1/2" Full Port	1-1/2 Sec	250	1-1/2"	\$858.71
EVX200BL	2" Standard Port	1-1/2 Sec	250	1-1/2"	\$858.71
EVX220BL	2" Full Port	1-1/2 Sec	125	2"	\$965.25

Bottom Will Shut Off

3/4" - 2" EVX Bolted Side Load Electric Valves

Part No.	Description	Response	PSI	Opening	Price
EVX075SL	3/4" Full Port	3/4 Sec	300	1"	\$634.19
EVX100SL	1" Full Port	3/4 Sec	300	1"	\$608.38
EVX125SL	1-1/4" Full Port	3/4 Sec	250	1"	\$608.38
EVX150SL	1-1/2" Full Port	1-1/2 Sec	250	1-1/2"	\$858.71
EVX200SL	2" Standard Port	1-1/2 Sec	250	1-1/2"	\$858.71
EVX220SL	2" Full Port	1-1/2 Sec	1250	2"	\$925.14



Manifold Flange Connections

1" - 3" MEVX On/Off Welded Electric Valves

Part No.	Description	Response	PSI	Opening	Price
MEVX100	1" Electric Valve Full Port	3/4 sec.	300	1"	\$555.93
MEVX200	2" Electric Valve Standard Port	1-1/4 sec.	300	1-1/2"	\$809.63
MEVX220	2" Electric Valve Full Port	1-1/4 sec.	250	2"	\$873.66
MEVX300	3" Electric Valve Full Port	1-1/4 sec.	150	3"	\$1,559.82



1" - 3" MEVX Regulating Welded Electric Valves

Part No.	Description	Response	PSI	Opening	Price
MEVXR100	1" Electric Valve Full Port	4 sec.	300	1"	\$571.32
MEVXR200	2" Electric Valve Standard Port	4 sec.	300	1-1/2"	\$833.70
MEVXR220	2" Electric Valve Full Port	4 sec.	250	2"	\$893.50
MEVXR300	3" Electric Valve Full Port	4 sec.	150	3"	\$1,564.15

1" - 2" On/Off Bolted Electric Valves

Part No.	Description	Response	PSI	Opening	Price
MEVX101	1" Electric Valve Full Port	3/4 Sec	300	1"	\$550.29
MEVX201	2" Electric Valve Standard Port	1-1/4 Sec	250	1-1/2"	\$808.14
MEVX221	2" Electric Valve Full Port	1-1/4 Sec	125	2"	\$860.97



MEVX On/Off Welded Banked Electric Valves

Part No.	Description	PSI	Opening	Price
MEVX102	1" Full Port 2 Bank Electric Valve	300	1"	\$1,187.15
MEVX103	1" Full Port 3 Bank Electric Valve	300	1"	\$1,767.29



MEVX On/Off Bolted Banked Electric Valves

Part No.	Description	PSI	Opening	Price
MEVX1012	1" Full Port 2 Bank Electric Valve	300	1"	\$1,148.33
MEVX1013	1" Full Port 3 Bank Electric Valve	300	1"	\$1,707.78
MEVX1014	1" Full Port 4 Bank Electric Valve	300	1"	\$2,270.50



1" - 3" MEVX Bottom Load Electric Valves

Part No.	Description	Response	PSI	Opening	Price
MEVX100BL	1" Electric Valve Full Port	3/4 Sec	300	1"	\$623.58
MEVX200BL	2" Electric Valve Standard Port	1-1/2 Sec	250	1-1/2"	\$877.68
MEVX220BL	2" Electric Valve Full Port	1-1/2 Sec	125	2"	\$986.71
MEVX300BL	3" Electric Valve Full Port	4 Sec	125	3"	\$1,718.97

Bottom Will Shut Off



1" - 2" MEVX Side Load Electric Valves

Part No.	Description	Response	PSI	Opening	Price
MEVX100SL	1" Electric Valve Full Port	3/4 Sec	300	1"	\$624.15
MEVX200SL	2" Electric Valve Standard Port	1-1/2 Sec	250	1-1/2"	\$893.49
MEVX220SL	2" Electric Valve Full Port	1-1/2 Sec	125	2"	\$948.28



1" - 2" MEVX Side Load Regulating Electric Valves

Part No.	Description	Response	PSI	Opening	Price
MEVXR100SL	1" Electric Valve Full Port Manifold	3/4 Sec	300	1"	\$576.32
MEVXR200SL	2" Electric Valve Standard Port Manifold	1-1/2 Sec	250	1-1/2"	\$811.64
MEVXR220SL	2" Electric Valve Full Port Manifold	1-1/2 Sec	125	2"	\$871.96

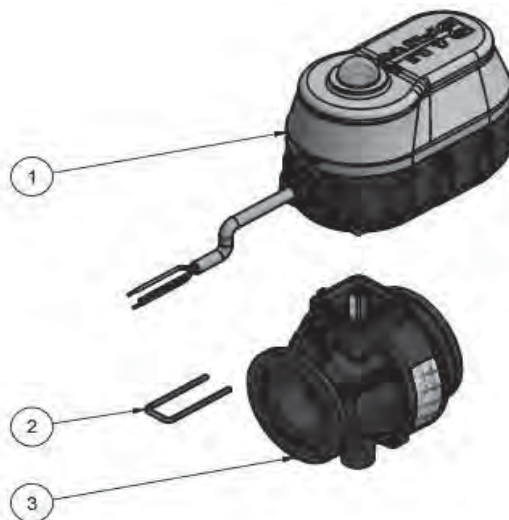
Parts for Banjo Manifold Valves - New Style

MEVX100				
Item	Part No.	Description	Qty	Price
1	EP21A10310	EVX ACT 0.75S WWC 3W	1	\$466.03
2	EVP20001	EV U-PIN	1	\$234.00
3	MEVX100HX	MEVX 1" FP STUBBY VALVE ONLY	1	\$176.88

MEVX200				
Item	Part No.	Description	Qty	Price
1	EP31B10310	EVX ACT 1.5S WWC 3W	1	\$653.15
2	EVP20001	EV U-PIN	1	\$2.34
3	MEVX200HX	MEVX 2" STUBBY VALVE ONLY	1	\$246.07

MEVX220				
Item	Part No.	Description	Qty	Price
1	EP31B10310	EVX ACT 1.5S WWC 3W	1	\$653.15
2	EVP20001	EV U-PIN	1	\$2.34
3	MEVX220HX	MEVX 2" STUBBY VALVE ONLY	1	\$311.91

MEVX300				
Item	Part No.	Description	Qty	Price
1	EP61C10310	EVX ACT 4S WWC 3W	1	\$1,236.86
2	EVP30001	3" EVX U-PIN	1	\$2.34
3	MEVX300HX	MEVX 3" FP VALVE ONLY	1	\$522.67



Replacement Parts

MEV100CF - MEV200CF - MEV220CF - MEV300CF

DISCONTINUED - SOME PARTS AVAILABLE. CALL FOR AVAILABILITY



Item	Part No.	Description	Qty.	Price
1	MEV100XR1	1" Valve Sub Assy.	1	C A L L
1	MEV200XR1	2" Valve Sub Assy.	1	
1	MEV220XR1	1-1/4" Valve Sub Assy.	1	
2	MVE004	Flange Gasket	1	
3	BFC100	Flange Clamp	1	
4	EV3300	1" 3/4 Sec. 3 Wire Motor	1	
4	EV4300	2" 1-1/4 Sec 3 wire	1	
4	VE5630	3" 3 Sec. 3 Wire	1	
5	VE10278A	1" Man Endplate	2	
5	VE20294A	2" Std. Man Endplate	2	
5	VE25378A	2" FP Man Endplate	2	
5	V35278	3" FP Man. End Plate	2	
6	V10119	5/16" SS Nut	4	
6	V20019	3/8" SS Nut	4	
7	VE10155SSH	1" SS Hollow Ball	1	
7	VE20255SSH	2" SS Hollow Ball	1	
7	VE25255SSH	2" FP SS Hollow Ball	1	
7	V35255A	3" FP SS Hollow Ball	1	
8	V10118	5/16" SS Lock Washer	4	
8	V20018	3/8" SS Lock Washer	4	
9	MEV10151V	1" SS Stem & Seals	1	

Item	Part No.	Description	Qty.	Price
9	MEV25151	2" SS Stem & Seals	1	C A L L
9	VE30151SS	3" SS Stem w/out Seals	1	
10	VE10258A	1" Ball Seat	2	
10	VE20258A	2" Std Ball Seat	2	
10	VE25258A	2" FP Ball Seat	2	
10	VE35258A	3" FP Ball Seat	2	
11	MEV10254A	1" Body	1	
11	MEV20254A	2" Std Body	1	
11	MEV25254A	2" FP Body	1	
11	V35254	3" FP Body	1	
12	VE10264	1" Body O-Ring	2	
12	VE20264	2" Std Body O-Ring	2	
12	V25264	2" FP Body O-Ring	2	
12	V35265	3" FP Body O-Ring	2	
13	V10117	5/16 x 3-1/2 SS Bolt	4	
13	V20017	3/8" x 4" SS Bolt	4	
13	V25017	3/8" x 4-1/2" SS Bolt	4	
13	V35017	3/8" x 6" SS Bolt	4	
25	EV20210	2" Std Rep Kit (2,9,10,12)	1	
25	EV25210	2" FP Rep Kit (2,9,10,12)	1	
25	EV35210	3" EP repair Kit (10,12)	1	

ALL BANJO EV VALVES ARE DISCONTINUED

REPLACEMENTS MUST BE ORDERED THROUGH EVX SERIES



**MANY PARTS ARE DISCONTINUED BUT WE STILL HAVE SOME IN STOCK.
PLEASE CALL FOR AVAILABILITY**

EV075 - EVR075 - EV100FP - EVR100FP - EV125 - EVR125

Item	Part No.	Description	Qty.
1	EV075XR1	3/4" Valve Sub Assy.	1
1	EV100XR1	1" Valve Sub Assy.	1
1	EV125XR1	1-1/4" Valve Sub Assy.	1
2	MVE004	Flange Gasket	1
3	BFC100	Flange Clamp	1
4	EV3300	3/4 Sec. 3 Wire Motor	1
4	EVR3300	Reg. 4 Wire, 4 Sec.	1
4	EVR3302	Reg. 2 Wire, 8 Sec.	1
5	VE07357A	3/4" Threaded Endplate	2
5	VE10257A	1" Threaded Endplate	2
5	VE10256A	1-1/4" Threaded Endplate	2

Item	Part No.	Description	Qty.
6	V10119	5/16" SS Nut	4
7	VE10155SSH	1" SS Hollow Ball	1
8	V10118	5/16 SS Lock Washer	4
9	MEV10151	1" SS Stem w/Seals	1
10	VE10258A	1" Ball Seat	2
11	MEV10254A	1" Body	1
12	VE10264	1" Body O-Ring	2
13	V10117	5/16 x 3-1/2 SS Bolt	4
14	VE15220	Housing Screw	6

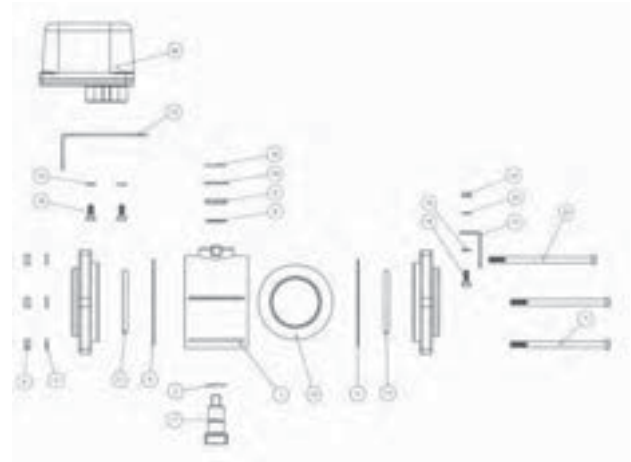
EV150 - EV200 - EVR150 - EVR200

Item	Part No.	Description	Qty.
1	EV150XR1	1-1/2" Valve Sub Assy.	1
1	EV200XR1	2" Valve Sub Assy.	1
2	MVE004	Flange Gasket	1
3	BFC100	Flange Clamp	1
4	EV4300	1-1/4 Sec. 3 Wire Motor	1
4	EVR4300	Reg. 4 Wire, 4 Sec.	1
4	EVR4302	Reg. 2 Wire, 6 Sec.	1
5	VE20257A	1-1/2" Threaded Endplate	2
5	VE20256A	2" Threaded Endplate	2

Item	Part No.	Description	Qty.
6	V20019	3/8" SS Nut	4
7	VE25255SSH	2" SS Hollow Ball	1
8	V20018	3/8" SS Lock Washer	4
9	MEV10151	1" SS Stem w/Seals	1
10	VE20258A	1-1/2" & 2" Ball Seat	2
11	MEV20254A	1-1/2" 2" Body	1
12	VE20264	2" Body O-Ring	2
13	V20017	3/8" x 4" SS Bolt	4

EV300FP

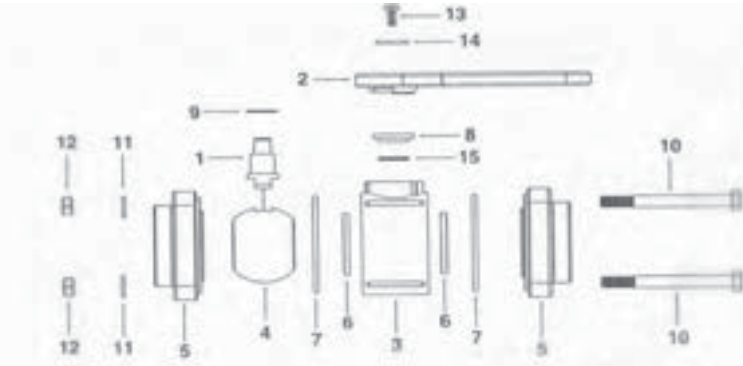
1	V35254	3" Body	1
2	V25060	Stem Shim	1
3	V25160	Upper Stem Bushing	1
4	V35264	3" Threaded End Plate	2
5	V20018	3/8" SS Lock Washer	6
6	V20019	3/8" 16 SS Hex Nut	6
7	V35017	3/8" SS Bolt	4
8	V25163	Stem O-Ring	1
9	V35265	3" Viton Body O-Ring	2
10	V35255A	3" Electric Ball	1
11	VE30151SS	SS Stem W/Out Seals	1
12	VE35188	Actuator Bracket-Large	1
13	VE35189	Actuator Bracket-Small	1
14	V10119	5/16" Hex Nut	2
15	V10118	5/16" Lock Washer	6
16	17019	Hex Bolt	6
17	VE35258A	Ball Seat	2
20	VE5630	3 Sec. 12 VDC Motor	1
21	12901	Washer	2



Banjo Replacement Valve Parts

V050 - V075 - V100 - V100FP

V125 - V125FP - V150 - V200



V050 - V075 - V100 Replacement Parts				
ITEM	Part #	Description	Qty.	PRICE
1	V07151A	Stem	1	\$4.76
2	V10153A	Handle	1	\$6.51
3	V07254	Body	1	\$11.01
4*	V07155	Ball	1	\$8.70
5	V05256	End Plate 1/2"	2	N/A
5	V07257	End Plate 3/4"	2	\$12.18
5	V07256	End Plate 1"	2	\$12.18
6*	V07258A	Ball Seat	2	N/A
7*	V07264	Body Oring (viton)	2	\$6.03
8*	V07159	Upper Stem Bushing	1	N/A
9*	V07060	Thrust Washer	1	N/A
10	V07017	1/4" x 2-3/4" SS Bolt	4	N/A
11	V07018	1/4" SS Lock Washer	4	\$1.28
12	V07019	1/4" SS Nut	4	\$1.28
13	V10020A	#10 x 3/4" SS Bolt	1	\$1.40
14	V07021A	SS Handle Washer	1	N/A
15*	V07163E	Stem O-Ring	1	N/A
N/S	V07200	Valve Repair Kit (*)	1	N/A

V100FP - V125 Replacement Parts				
ITEM	Part #	Description	Qty.	PRICE
1	V10151A	Stem	1	N/A
2	V10153A	Handle	1	\$6.51
3	V10254	Body	1	\$11.01
4*	V10155	Ball	1	N/A
5	V10257	End Plate 1" FP	2	\$15.65
5	V10256	End Plate 1-1/4"	2	N/A
6*	V10258A	Ball Seat	2	\$8.65
7*	V10264	Body O-Ring (viton)	2	\$9.54
8*	V10159	Upper Stem Oring	1	\$3.24
9*	V10060	Thrust Washer	1	\$1.95
10	V10117	5/16" x 3-1/2" SS Bolt	4	\$2.23
11	V10118	5/16" SS Lock Washer	4	\$1.41
12	V10119	5/16" SS Nut	4	\$1.41
13	V10020A	#10 x 3/4" SS Bolt	1	\$1.40
14	V07021A	SS Washer	1	N/A
15*	V10163	Stem O-Ring (viton)	1	\$2.85
N/S	V10200	Valve Repair Kit (*)	1	\$31.27

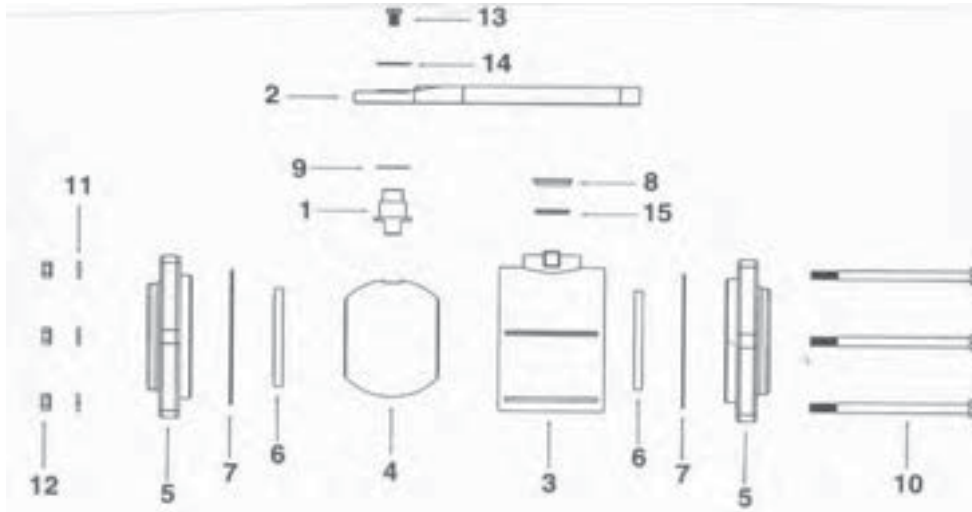
V125FP - V150 - V200 Replacement Parts				
ITEM	Part #	Description	Qty.	PRICE
1	V20151M	Stem	1	\$11.01
2	V20153	Handle	1	\$11.01
3	V20254	Body	1	\$16.82
4*	V20255A	Ball	1	\$16.82
5	V20256	End Plate 2"	2	\$17.98
5	V20257	End Plate 1-1/2"	2	\$17.98
5	V20267	End Plate 1-1/4"	2	N/A
6*	V20258A	Ball Seat	2	\$12.12
7*	V20264	Body O-Ring (viton)	2	\$12.12
8*	V20159	Upper Stem Bushing	1	\$4.74
9*	V20060	Thrust Washer	1	\$2.66
10	V20017	3/8" x 4" SS Bolt	4	N/A
11	V20018	3/8" SS Lock Washer	4	\$1.41
12	V20019	3/8" SS Nut	4	\$1.54
13	V20020	1/4" x 1/2" SS Bolt	1	\$6.85
14	V20021	SS Handle Washer	1	\$6.85
15*	V20163	Stem O-Ring	1	\$3.37
N/S	V20200	Valve Repair Kit (*)	1	\$44.35

1-800-450-6666

Banjo Replacement Valve Parts

V200FP - V204FP

VFMT200FP - VFMT200FPSH - V300FP



V200FP - V204FP - VFMT200FP - VFMT200FPSH Replacement Parts

Item	Part No.	Description	Qty	Price
1	V25151B	Stem	1	N/A
2	V25153	Handle	1	\$17.98
2	V25153SH	Short Handle for VFMT200FPSH	1	\$17.98
3	V25254	Valve Body	1	\$22.63
4	V25255A*	Valve Ball	1	N/A
5	V25256	End Plate 2" FNPT	2	\$24.95
5	V25456	End Plate 2" FPT 4-Bolt	2	\$24.95
5	VMT25256	End Plate 2" MNPT	1	\$48.12
5	VF25256	End Plate 2" Male Adapter	1	N/A
6	V25258A*	Ball Seat	2	N/A
7	V25264*	Body O-Ring Viton	2	N/A
8	V25160*	Upper Stem Bushing	1	N/A
9	V25060*	Thrust Washer	1	N/A
10	V25017	3/8" x 4-1/2" SS Bolts	6	\$3.02
11	V20018	3/8" SS Lock Washer	6	\$1.41
12	V20019	3/8" SS Nut	6	\$1.54
13	V25020	3/8" x 1/2" SS Bolt	1	N/A
14	V25121	SS Handle Washer	1	N/A
15	V25163*	Stem O-Ring Viton	1	N/A
N/S	V25200	Valve Repair Kit (*)	1	\$61.81

V300FP Replacement Parts

Item	Part No.	Description	Qty	Price
1	V25151B	Stem	1	N/A
2	V25153	Handle	1	\$17.98
3	V35254	Valve Body	1	\$43.49
4	V35255A*	Valve Ball	1	\$46.96
5	V35264	3" FP End Plate	2	\$59.72
6	V35258A*	Ball Seat	2	\$27.13
7	V35265*	Body O-Ring Viton	2	N/A
8	V25160*	Upper Stem Bushing	1	N/A
9	V25060*	Thrust Washer	1	N/A
10	V35017	3/8" x 6" SS Bolts	6	N/A
11	V20018	3/8" SS Lock Washer	6	\$1.41
12	V20019	3/8" SS Nut	6	\$1.54
13	V25020	3/8" x 1/2" SS Bolt	1	N/A
14	V25121	SS Handle Washer	1	N/A
15	V25163*	Stem O-Ring Viton	1	N/A
N/S	V35200	Valve Repair Kit (*)	1	\$159.74

* Valve Repair Kits Contain Items Marked with Asterisk:

1 Ball	2 Body O-Rings	1 Thrust Washer
2 Ball Seats	1 Upper Stem Bushing	1 Stem O-Ring

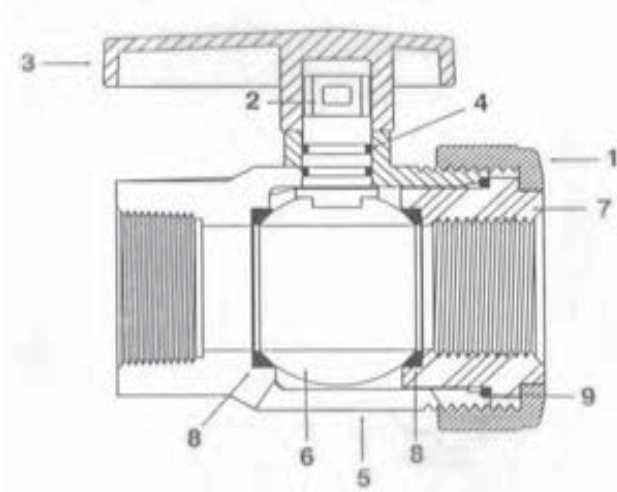
Accessories

VL20153	Locking Device Fits: V125FP, V150 & V200 Lock Not Included	\$23.53
VL25153	Locking Handle Fits: V200FP V300FP Lock Not Included	\$43.50
V25271	90deg. Mounting Bracket Fits: V150,V200,V200FP,V300FP	\$23.68
V25270	Straight Mtg. Bracket Fits: V150,V200,V200FP,V300FP	\$20.19

V10270	Straight Mtg. Bracket Fits: V100FP, V125	\$42.25
V10271	90deg. Mounting Bracket Fits: V100FP, V125	\$13.17
V20207	11" Poly Lanyard	\$3.49

1-800-450-6666

Banjo Union Valve Replacement Parts



UV050 - UV075FP

ITEM	Part #	Description	Qty.	PRICE
1	UV07150	End Cap	1	N/A
2	UV07151	Stem	1	N/A
3	UV07153	Handle	1	N/A
4	UV07163	Stem O-Ring (EPDM)	2	N/A
5	UV05254	1/2" Body	1	N/A
5	UV07254	3/4" Body	1	N/A
6	UV07255	Ball	1	N/A
7	UV05256	1/2" End Plate	1	N/A
7	UV07256	3/4" End Plate	1	N/A
8	UV07258	Valve Seat	2	\$4.46
9	UV07264	Body O-Ring (EPDM)	1	N/A

UV100FP

ITEM	Part #	Description	Qty.	Price
1	UV10150	End Cap	1	\$10.39
2	UV10151	Stem	1	N/A
3	UV10153	Handle	1	\$9.29
4	UV10163	Stem O-Ring (EPDM)	2	N/A
5	UV10254	1" Body	1	N/A
6	UV10255	Ball	1	N/A
7	UV10256	1" End Plate	1	\$9.29
8	UV10258	Valve Seat	2	\$5.55
9	UV10264V	Body O-Ring (viton)	1	N/A

UV125FP - UV150FP

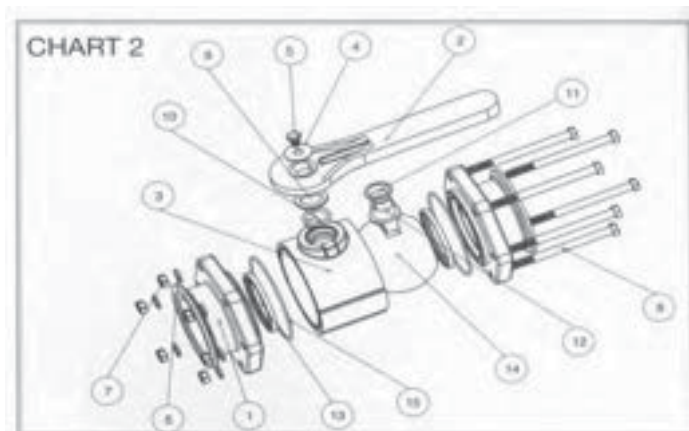
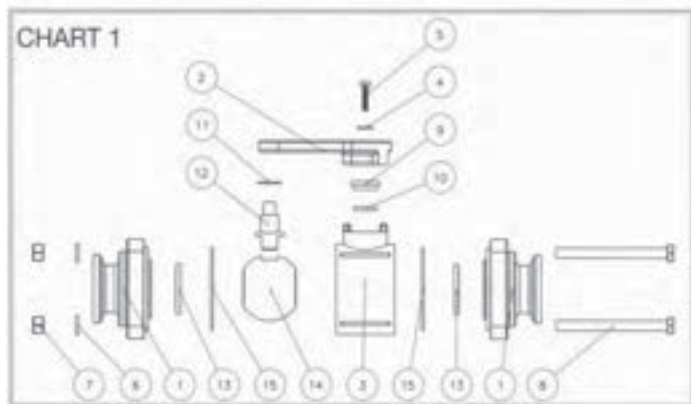
ITEM	Part #	Description	Qty.	PRICE
1	UV15150	End Cap	1	\$15.87
2	UV15151	Stem	1	\$8.19
3	UV15153	Handle	1	\$13.67
4	UV15163	Stem O-Ring (EPDM)	2	\$1.24
5	UV15244	1-1/4" Body	1	N/A
5	UV15254	1-1/2" Body	1	N/A
6	UV15255	Ball	1	\$18.05
7	UV15257	1-1/2" End Plate	1	N/A
7	UV15267	1-1/4" End Plate	1	N/A
8	V20258	Valve Seat	2	\$12.12
9	UV15264	Body O-Ring (EPDM)	1	N/A

UV200FP

ITEM	Part #	Description	Qty.	Price
1	UV20150	End Cap	1	\$16.95
2	UV20151	Stem	1	\$13.67
3	UV20153	Handle	1	\$13.67
4	UV20163	Stem O-Ring (EPDM)	2	N/A
5	UV20254	2" Body	1	\$15.29
6	UV20255	Ball	1	N/A
7	UV20257	2" End Plate	1	\$15.87
8	UV20258	Valve Seat	2	N/A
9	UV20264	Body O-Ring (EPDM)	1	N/A
10	V25060	Thrust Washer	N/S	N/A

1-800-450-6666

Manifold Bolted Ball Valves



MV100CF (Chart 1) Replacement Parts				
Item	Part No.	Description	Qty	Price
1	V10278	1" Manifold Endplate	2	\$15.12
2	V10153A	Handle	1	\$6.29
3	V10254	Valve Body	1	\$10.64
4	V07021A	SS Handle Washer	1	N/A
5	V10020A	Handle Bolt	1	\$1.35
6	V10118	SS Lock Washer	4	\$1.24
7	V10119	SS Nut	4	\$1.24
8	V10117	SS Body Bolt	4	\$1.95
9	V10159	Upper Stem Bushing	1	\$3.14
10	V10163	Stem O-Ring Viton	1	\$2.57
11	V10060	Thrust Washer	1	\$1.89
12	V10151A	Stem	1	N/A
13	V10258A	Ball Seat	2	\$8.36
14	V10155	Valve Ball	1	N/A
15	V10264	Body O-Ring Viton	2	\$9.22
N/S	V10200	Repair Kit		\$30.18

MV220CF (Chart 1) Replacement Parts				
Item	Part No.	Description	Qty	Price
1	V25478	2" FP Manifold Endplate	2	\$24.10
2	V25153	Handle	1	\$17.37
3	V25254	Valve Body	1	\$21.87
4	V25121	SS Handle Washer	1	N/A
5	V25020	Handle Bolt	1	N/A
6	V20018	SS Lock Washer	4	\$1.24
7	V20019	SS Nut	4	\$1.35
8	V20017	SS Body Bolt	4	N/A
9	V25160	Upper Stem Bushing	1	N/A
10	V25163	Stem O-Ring Viton	1	N/A
11	V25060	Thrust Washer	1	N/A
12	V25151B	Stem	1	N/A
13	V25258A	Ball Seat	2	N/A
14	V25255A	Valve Ball	1	N/A
15	V25264	Body O-Ring Viton	2	N/A
N/S	V25200	Repair Kit		\$59.48

MV200CF (Chart 1) Replacement Parts				
Item	Part No.	Description	Qty	Price
1	V20294	2" Std. Endplate	2	\$20.73
2	V20153	Handle	1	\$10.64
3	V20254	Valve Body	1	\$16.25
4	V20021	SS Handle Washer	1	\$5.99
5	V20020	Handle Bolt	1	\$5.99
6	V10118	SS Lock Washer	4	\$1.24
7	V10119	SS Nut	4	\$1.24
8	V10117	SS Body Bolt	4	\$1.95
9	V20159*	Upper Stem Bushing	1	\$4.57
10	V20163*	Stem O-Ring Viton	1	\$3.25
11	V20060*	Thrust Washer	1	\$2.57
12	V20151M	Stem	1	\$10.64
13	V20258A*	Ball Seat	2	\$11.71
14	V20255A*	Valve Ball	1	\$16.25
15	V20264*	Body O-Ring Viton	2	\$11.71
N/S	V20200	Repair Kit		\$42.86

MV300CF & MV300 (Chart 2) Replacement Parts				
Item	Part No.	Description	Qty	Price
1	V35278	Endplate MV300CF	2	\$57.70
1	MV30264	Endplate MV300	2	\$57.70
2	V25153	Handle	1	\$17.37
3	V35254	Valve Body (MV300CF)	1	\$42.02
3	V30254	Valve Body (MV300)	1	\$30.81
4	V25121	SS Handle Washer	1	N/A
5	V25020	Handle Bolt	1	N/A
6	V20018	SS Lock Washer	4	\$1.24
7	V20019	SS Nut	4	\$1.35
8	V35017	SS Body Bolt	4	N/A
9	V25160*	Upper Stem Bushing	1	N/A
10	V25163*	Stem O-Ring Viton	1	N/A
11	V25060*	Thrust Washer	1	N/A
12	V25151B	Stem	1	N/A
13	V35258A*	Ball Seat (MV300CF)	2	\$26.21
13	V30258A**	Ball Seat (MV300)	2	N/A
14	V35255A*	Valve Ball (MV300CF)	1	\$45.37
14	V30255**	Valve Ball (MV300)	1	N/A
15	V35265*	Body O-Ring Viton (MV300CF)	2	N/A
15	V30265**	Body O-Ring Viton (MV300)	2	\$15.06
N/S	V35200*	Repair Kit (MV300CF)	1	\$153.72
N/S	V30200**	Repair Kit (MV300)	1	\$83.74

Misc. Aluminum Adapters

Tpe AA Spool Adapters Adapter x Adapter			
Part No.	Size	Price	
200AA-AL	2"	\$56.00	
2030AA-AL	2" x 3"	\$89.00	
300AA-AL	3"	\$92.00	
3040AA-AL	3" x 4"	\$129.00	
400AA-AL	4"	\$120.00	

Dixon Type DD Couplers Coupler x Coupler			
Part No.	Size	Price	
200DD-AL	2"	\$100.00	
2030DD-AL	2" x 3"	\$150.00	
300DD-AL	3"	\$130.00	
3040DD-AL	3" x 4"	\$190.00	
400DD-AL	4"	\$180.00	

Type DA Jump Size Couplings Coupler x Adapter			
Part No.	Size	Price	
2015DA-AL	2" x 1-1/2"	\$112.00	
2030DA-AL	2" x 3"	\$106.00	
3020DA-AL	3" x 2"	\$106.00	
3040DA-AL	3" x 4"	\$145.00	
4030DA-AL	4" x 3"	\$160.00	

Type F Jump Size Adapters Adapter x Male NPT			
Part No.	Size	Price	
2030F-AL	2" x 3"	\$84.00	
3020F-AL	3" x 2"	\$82.00	
3040F-AL	3" x 4"	\$112.00	
4030F-AL	4" x 3"	\$120.00	

Dixon 45/90 Deg Adapters Adapter x Coupler			
Part No.	Size & Deg	Price	
200DA-45-AL	2" - 45 deg	\$270.00	
300DA-45-AL	3" - 45 deg	\$290.00	
400DA-45-AL	4" - 45 deg	\$303.00	

Type F 90 Deg Elbows Adapter x Male NPT			
Part No.	Size	Price	
200F-90-AL	2"	\$130.00	

Part No.	Size & Deg	Price	
300-DA-90AL	3" - 90 deg	\$200.00	
400-DA-9AL	4" - 90 deg	\$316.00	

Type E 90 Deg Elbows Adapter x Hose Shank			
Part No.	Size	Price	
300E-90-AL	3"	\$193.00	
400E-90-AL	4"	\$235.00	

Part No.	Size & Deg	Price	
300DD-90-AL	3" - 90 deg	\$505.00	
400DD-90-AL	4" - 90 deg	\$270.00	

Type C 90 Deg Elbows Coupler x Hose Shank			
Part No.	Size	Price	
200C-90-AL	2"	\$110.00	
300C-90-AL	3"	\$150.00	
400C-90-AL	4"	\$240.00	

Part No.	Size & Deg	Price	
300D-90-AL	3" - 90 deg	\$181.00	
400D-90-AL	4" - 90 deg	\$265.00	

Locking Cam Arm Velcro Straps			
Part No.	Length	Price	
CVS18	18" (fits 2" - 3")	\$13.00	
CVS24	24" (fits 4" - 5")	\$15.00	
CVS36	36" (fits 6" - 8")	\$19.00	

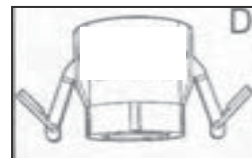
Part No.	Size & Deg	Price	
300DD-45-AL	3" - 45 deg	\$545.00	
400DD-45-AL	4" - 45 deg	\$382.00	

Railroad Tank Car Connections		
Style A - Swivel Nut Have a Standard 5" Railroad Tank Car Thread		
5" Railcar x Adapter Alum.		
Part No.	Male Adapter	Price
200-TCA-AL	2"	\$150.00
300-TCA-AL	3"	\$140.00
400-TCA-AL	4"	\$160.00
ATCA40	4"	\$926.00



110 Deg. Angle

Railroad Tank Car Gaskets O.D. 5-1/4" - I.D. 3-7/8" - Thick 1/8"			
Part No.	Material	Size	Price
500GTCABU	Nitrile Rubber	5"	\$12.00
500GTCAVI	FKM - Viton	5"	\$71.00



	-AL Aluminum	-SS Stainless Steel
Part #	Price	Price
075A-	\$8.64	\$23.30
075B-	\$19.90	\$41.21
075C-	\$18.36	\$41.21
075D-	\$20.66	\$41.21
075E-	\$8.57	\$23.30
075F-	\$10.00	\$25.08
075PL-	\$8.77	\$14.32
075CAP-	\$18.57	\$34.04

125A-	\$13.61	\$43.00
125B-	\$29.40	\$77.04
125C-	\$27.12	\$77.04
125D-	\$28.85	\$77.04
125E-	\$14.75	\$57.32
125F-	\$17.54	\$57.32
125PL-	\$9.93	\$42.04
125CAP-	\$25.79	\$62.69

200A-	\$11.77	\$46.58
200B-	\$25.70	\$87.79
200C-	\$27.41	\$91.38
200D-	\$28.27	\$91.38
200E-	\$14.27	\$71.68
200F-	\$14.66	\$71.68
200PL-	\$10.76	\$48.38
200CAP-	\$6.56	\$71.68

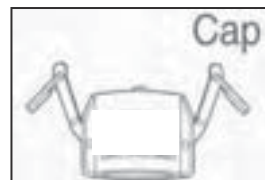
400A-	\$37.50	\$170.04
400B-	\$60.91	\$229.32
400C-	\$68.06	\$229.32
400D-	\$66.64	\$173.72
400E-	\$50.82	\$204.25
400F-	\$46.64	\$211.42
400PL-	\$32.54	\$123.63
400CAP-	\$55.76	\$177.39

	-AL Aluminum	-SS Stainless Steel
Part #	Price	Price
100A-	\$10.38	\$28.68
100B-	\$22.08	\$51.96
100C-	\$19.23	\$51.96
100D-	\$22.08	\$51.96
100E-	\$10.38	\$32.25
100F-	\$13.03	\$37.63
100PL-	\$9.52	\$19.72
100CAP-	\$18.85	\$41.20

150A-	\$10.66	\$43.00
150B-	\$24.06	\$77.88
150C-	\$24.06	\$77.88
150D-	\$25.70	\$77.88
150E-	\$11.42	\$53.68
150F-	\$13.25	\$55.53
150PL-	\$9.43	\$32.25
150CAP-	\$21.21	\$60.93

300A-	\$22.75	\$89.58
300B-	\$49.49	\$155.89
300C-	\$49.49	\$172.00
300D-	\$49.49	\$172.00
300E-	\$28.45	\$130.79
300F-	\$32.08	\$130.79
300PL-	\$19.52	\$78.83
300CAP-	\$39.99	\$130.79

600A-	\$72.18
600B-	\$143.38
600C-	\$169.58
600D-	\$154.68
600E-	\$123.33
600F-	\$104.80
600PL-	\$63.68
600CAP-	\$133.70



* All The Above Couplers Come Standard with Buna Gaskets. EPDM or Viton Available

1-800-450-6666

Poly Cam Lever Couplings



1/2" COUPLING SERIES

Part No.	Description	Price
75A1/4	3/4" Male Cam x 1/4" FPT	\$6.97
75A1/2	3/4" Male Cam x 1/2" FPT	\$6.97
75B1/2	3/4" Female Cam x 1/2" MPT	\$16.00
050C	3/4" Female Cam x 1/2" HB	\$13.33
050D	3/4" Female Cam x 1/2" FPT	\$13.33
050E	3/4" Male Cam x 1/2" HB	\$6.30
050F	3/4" Male Cam x 1/2" MPT	\$6.30
75PL	3/4" Plug (Fits 1/2 & 3/4)	\$6.38
075CAP	3/4" Cap (Fits 1/2 & 3/4)	\$13.33

1-1/2" COUPLING SERIES

Part No.	Description	Price
150A	Male Cam x 1-1/2" FPT	\$6.60
150B	Female Cam x 1-1/2" MPT	\$18.00
150C	Female Cam x 1-1/2" HB	\$17.91
150D	Female Cam x 1-1/2" FPT	\$17.91
150E	Male Cam x 1-1/2" HB	\$7.00
150F	Male Cam x 1-1/2" MPT	\$7.00
150PL	1-1/2" Plug	\$8.09
150CAP	1-1/2" Cap	\$17.91

3/4" COUPLING SERIES

Part No.	Description	Price
75A3/4	Male Cam x 3/4" FPT	\$5.83
75B3/4	Female Cam x 3/4" MPT	\$13.33
075C	Female Cam x 3/4" HB	\$13.34
075D	Female Cam x 3/4" FPT	\$13.33
075E	Male Cam x 3/4" HB	\$6.30
075F	Male Cam x 3/4" MPT	\$6.30
75PL	3/4" Plug (Fits 1/2 & 3/4)	\$6.38
075CAP	3/4" Cap (Fits 1/2 & 3/4)	\$13.33

2" COUPLING SERIES

Part No.	Description	Price
200A	Male Cam x 2" FPT	\$7.78
200B	Female Cam x 2" MPT	\$21.95
201B	Female Cam x 2" Ext. MPT	\$21.83
200C	Female Cam x 2" HB	\$21.83
200D	Female Cam x 2" FPT	\$21.83
200E	Male Cam x 2" HB	\$9.18
200F	Male Cam x 2" MPT	\$9.18
200PL	2" Plug	\$9.12
200CAP	2" Cap	\$21.83

1" COUPLING SERIES

Part No.	Description	Price
100A	Male Cam x 1" FPT	\$5.83
100B	Female Cam x 1" MPT	\$15.30
100C	Female Cam x 1" HB	\$15.30
100D	Female Cam x 1" FPT	\$15.30
100E	Male Cam x 1" HB	\$6.98
100F	Male Cam x 1" MPT	\$6.98
100125PL	Plug (Fits 1" & 1-1/4")	\$6.11
100125CAP	Cap (Fits 1" & 1-1/4")	\$14.70

3" COUPLING SERIES

Part No.	Description	Price
300A	Male Cam x 3" FPT	\$18.79
300B	Female Cam x 3" MPT	\$36.61
303B	Female Cam x 3" Ext. MPT	\$46.97
300C	Female Cam x 3" HB	\$36.61
300D	Female Cam x 3" FPT	\$36.61
300E	Male Cam x 3" HB	\$24.08
300F	Male Cam x 3" MPT	\$24.08
300PL	3" Plug	\$19.11
300CAP	3" Cap	\$36.61
303C	Female Cam x 3" HB- 3 Arms	\$46.97
303B200A	3" Female Cam x 2" Male Cam	\$65.38

1-1/4" COUPLING SERIES

Part No.	Description	Price
125A	1" Male Cam x 1-1/4" FPT	\$5.83
125B	1" Female Cam x 1-1/4" MPT	\$15.30
125C	1" Female Cam x 1-1/4" HB	\$15.30
125D	1" Female Cam x 1-1/4" FPT	\$15.30
125E	1" Male Cam x 1-1/4" HB	\$6.98
125F	1" Male Cam x 1-1/4" MPT	\$6.98
100125PL	Plug (Fits 1" & 1-1/4")	\$6.11
100125CAP	Cap (Fits 1" & 1-1/4")	\$14.70

4" COUPLING SERIES

Part No.	Description	Price
400A	Male Cam x 4" FPT	\$34.41
400B	Female Cam x 4" MPT	\$87.06
400C	Female Cam x 4" HB	\$72.55
400D	Female Cam x 4" FPT	\$72.55
400E	Male Cam x 4" HB	\$34.41
400F	Male Cam x 4" MPT	\$34.41
400PL	4" Plug	\$27.04
400CAP	4" Cap	\$52.91

1-800-450-6666

Poly Cam Couplings and Parts

1-1/2" x 1-1/4" COUPLING SERIES

Part No	Description	Price
150125A	1-1/2" Male Cam x 1-1/4" FPT	\$7.94
150125B	1-1/2" Female Cam x 1-1/4" MPT	\$21.48
150125C	1-1/2" Female Cam x 1-1/4" HB	\$21.51
150125D	1-1/2" Female Cam x 1-1/4" FPT	\$21.48
150125E	1-1/2" Male Cam x 1-1/4" HB	\$8.40
150125F	1-1/2" Male Cam x 1-1/4" MPT	\$8.40
150PL	1-1/2" Plug	\$8.09
150CAP	1-1/2" Cap	\$17.91



1-1/2" 90 Deg. QUICK COUPLER

150A90	90 Deg. Male Cam x FPT	\$12.50
150C90	90 Deg. Female Cam x HB	\$25.74
150D90	90 Deg. Female Cam x FPT	\$25.74
150F90	90 Deg. Male Cam x MPT	\$14.97



2" 90 DEG. QUICK COUPLER

200A90	90 Deg. Male Cam x FPT	\$14.24
200B90	90 Deg. Female Cam x MPT	\$31.96
200C90	90 Deg. Female Cam x HB	\$26.60
200D90	90 Deg. Female Cam x FPT	\$26.62
200E90	90 Deg. Male Cam x HB	\$24.00
200F90	90 Deg. Male Cam x MPT	\$13.38



2" x 1-1/2" PART C

200150C	2" Female cam x 1-1/2" HB	\$24.78
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2-1/2" COUPLING SERIES

250PL	2-1/2" Plug	\$25.69
250CAP	2-1/2" Cap	\$67.83



2" & 3" Part F Couplers

200F45	45deg. Male Cam x MPT	\$21.45
200FF	2" Male Cam Spool Cplr	\$22.83
200F300F	2" Male Cam x 3" MPT	\$56.00
200F-300A	2" Male Cam x 3" FPT	\$39.50
300F200F	3" x 2" Male Cam Spool Cplr	\$57.53
300FF	3" Male Cam Spool Cplr	\$57.53



M2	2"Male Pug	\$54.45
M3	3"Male Pug	\$76.67
M4	4"Male Pug	\$98.89
F2	2" Female Cap	\$62.23
F3	3" Female Cap	\$96.67
F4	4" Female Cap	\$113.34
SL2	2" Safety locks	\$10.00
SL3	3" Safety locks	\$12.23
SL4	4" Safety locks	\$16.67

QUICK COUPLER GASKETS / Parts

Part No.	Description	Price
75G	3/4" - EPDM (Fits:1/2" & 3/4")	\$1.11
100G	1" - EPDM (Fits:1" & 1-1/4")	\$1.22
150G	1-1/2" - EPDM	\$1.07
200G	2" - EPDM	\$1.29
300G	3" - EPDM	\$1.76
400G	4" - EPDM	\$4.38

75GB	3/4" - BUNA	\$0.80
100GB	1" - BUNA	\$0.90
150GB	1-1/2" - BUNA	\$1.33
200GB	2" - BUNA	\$1.53
300GB	3" - BUNA	\$1.90

75GV	3/4" - VITON	\$11.81
100GV	1" & 1-1/4" - VITON	\$11.59
150GV	1-1/2" - VITON	\$12.68
200GV	2" - VITON	\$19.65
300GV	3" - VITON	\$26.94
400GV	4" - VITON	\$27.01

075GXT	3/4" - EPDM / Extra Thick	\$1.66
100GXT	1" - EPDM / Extra Thick	\$1.83
150GXT	1-1/2" EPDM / Extra Thick	\$2.02
200GXT	2" - EPDM / Extra Thick	\$2.62
300GXT	3" - EPDM / Extra Thick	\$3.51
400GXT	4" - EPDM / Extra Thick	\$5.14

75SHIM	3/4" Shims	\$1.55
100SHIM	1" & 1-1/4" Shims	\$1.55
150SHIM	1-1/2" Shims	\$2.32
200SHIM	2" Shims	\$3.09
300SHIM	3" Shims	\$4.25
400SHIM	4" Shims	\$4.38

75K	Cam Arm w/Ring	\$4.74
100K	Cam Arm w/Ring	\$4.74
150(200)K	Cam Arm w/Ring	\$6.40
300K	Cam Arm w/Ring	\$9.07

200KL	Locking Cam Arm w/Ring	\$15.91
200PKL	Locking Cam Arm w/Ring	\$3.73

75P	Cam Pin	\$1.30
100P	Cam Pin	\$1.18
200P	Cam Pin	\$1.23
300P	Cam Pin	\$2.55

100Ring	Ring (fits 1/2" - 1-1/4")	\$1.43
150Ring	Ring (fits 1-1/2" - 3")	\$1.18
V20207	Lanyard 11"	\$3.49



Safety Camlock Couplings



B SERIES

Part No.	Description	Price
SAF050B	3/4" Female Coupler x 1/2" Male NPT	\$15.23
SAF075B	3/4" Female Coupler x 3/4" Male NPT	\$15.23
SAF100B	1" Female Coupler x 1" Male NPT	\$17.50
SAF125B	1" Female Coupler x 1-1/4" Male NPT	\$17.50
SAF150B	1-1/2" Female Coupler x 1-1/2" Male NPT	\$20.50
SAF200B	2" Female Coupler x 2" Male NPT	\$24.97
SAF300B	3" Female coupler x 3" Male NPT	\$41.99



D SERIES

Part No.	Description	Price
SAF050D	3/4" Female Coupler x 1/2" Female NPT	\$15.23
SAF075D	3/4" Female Coupler x 3/4" Female NPT	\$15.23
SAF100D	1" Female Coupler x 1" Female NPT	\$17.50
SAF125D	1" Female Coupler x 1-1/4" Female NPT	\$17.50
SAF150D	1-1/2" Female Coupler x 1-1/2" Female NPT	\$20.50
SAF200D	2" Female Coupler x 2" Female NPT	\$24.97
SAF300D	3" Female Coupler x 3" Female NPT	\$41.99



C SERIES

Part No.	Description	Price
SAF050C	3/4" Female Coupler x 1/2" HB	\$15.23
SAF075C	3/4" Female Coupler x 3/4" HB	\$15.23
SAF100C	1" Female Coupler x 1" HB	\$17.50
SAF125C	1" Female Coupler x 1-1/4" HB	\$17.50
SAF150C	1-1/2" Female Coupler x 1-1/2" HB	\$20.50
SAF200C	2" Female Coupler x 2" HB	\$24.97
SAF300C	3" Female Coupler x 3" HB	\$41.99



CAP SERIES

Part No.	Description	Price
SAF075CAP	3/4" Cap for Male Adapter	\$15.23
SAF0100125CAP	1" Cap for Male Adapter	\$17.50
SAF150CAP	1-1/2" Cap for Male Adapter	\$20.50
SAF200CAP	2" Cap for Male Adapter	\$24.97
SAF300CAP	3" Cap for Male Adapter	\$41.99

Garden Hose Fittings



GHFT075A



GHMT075B



GHFT075D



GHFT075MPT



GHMT075F



GHMT075FPT



GHMT075MPT



Part No.	Garden Hose Adapter Size	Price
GHFT075A	3/4" Adapter x 3/4" GHFT	\$6.33
GHMT075B	3/4" Coupler x 3/4" GHMT	\$19.65
GHFT075D	3/4" Coupler x 3/4" GHFT	\$22.24
GHMT075F	3/4" Adapter x 3/4" GHMT	\$6.33
GHFT075MPT	3/4" Male NPT x 3/4" GHFT	\$5.46
GHMT075FPT	3/4" Female NPT x 3/4" GHMT	\$5.46
GHMT075MPT	3/4" Male NPT x 3/4" GHMT	\$6.33

Garden Hose Spray Nozzle

Part No.	Description	Price
GHN075	3/4" Garden Hose Spray Nozzle	\$44.06



Spray Nozzle Patterns

Manifold Fittings



Part No.	Description	Price
M100075MPT	1" Flange X 3/4" Male Thread	\$3.21
M100MPT	1" Flange X 1" Male Thread	\$3.21
M100125MPT	1" Flange X 1-1/4" Male Thread	\$3.21
M200125MPT	2" Flange X 1-1/4" Male Thread	\$5.39
M200150MPT	2" Flange X 1-1/2" Male Thread	\$5.39
M200MPT	2" Flange X 2" Male Thread	\$5.39
M220MPT	2" Flange X 2" Full Port	\$5.39
M300MPT	3" Flange X 3" Male Thread	\$14.94



Part No.	Description	Price
M100MPTSS	1" Flange X 1" MNPT – SS	\$34.65
M200125MPTSS	2" Flange X 1-1/4" MNPT – SS	\$59.36
M200150MPTSS	2" Flange X 1-1/2" MNPT – SS	\$54.41
M200MPTSS	2" Flange X 2" MNPT – SS	\$71.00
M220150MPTSS	2" Flange X 1-1/2" Male Thread	\$78.99
M220MPTSS	2" Flange X 2" MNPT – SS	\$74.40
M300220MPTSS	3" Flange X 2" MNPT – SS	\$201.25
M300MPTSS	3" Flange X 3" MNPT – SS	\$126.68



Part No.	Description	Price
M100075BRB	1" Flange X 3/4" Hose Barb	\$2.78
M100BRB	1" Flange X 1" Hose Barb	\$2.78
M100125BRB	1" Flange X 1-1/4" Hose Barb	\$2.78
M200100BRB	2" Flange X 1" Hose Barb	\$6.08
M200125BRB	2" Flange X 1-1/4" Hose Barb	\$6.30
M200150BRB	2" Flange X 1-1/2" Hose Barb	\$5.54
M200BRB	2" Flange X 2" Hose Barb	\$6.08
M220100BRB	2" FP Flange X 1" Hose Barb	\$7.47
M220125BRB	2" FP Flange X 1-1/4" Hose Barb	\$6.08
M220150BRB	2" F.P. Flange X 1-1/2" Hose Barb	\$6.08
M220BRB	2" F.P. Flange X 2" Hose Barb	\$5.54
M300220BRB	3" Flange X 2" Hose Barb	\$18.69
M300BRB	3" Flange X 3" Hose Barb	\$16.89



Part No.	Description	Price
M100075BRB90	1" Flange X 3/4" H.B. 90deg	\$3.38
M100BRB90	1" Flange X 1" H.B. 90deg	\$3.38
M100125BRB90	1" Flange X 1-1/4" H.B. 90deg	\$3.38
M100150BRB90	1" Flange X 1-1/2" H.B. 90deg	\$20.33
M200100BRB90	2" Flange X 1" H.B. 90deg	\$11.26
M200125BRB90	2" Flange X 1-1/4" H.B. 90deg	\$11.26
M200150BRB90	2" Flange X 1-1/2" H.B. 90deg	\$10.25
M200BRB90	2" Flange X 2" H.B. 90deg	\$11.26
M220150BRB90	2" F.P. Flange X 1-1/2" H.B. 90deg	\$11.26
M220BRB90	2" F.P. Flange X 2" H.B. 90deg	\$11.26
M300220BRB90	3" Flange X 2" Barb 90deg	\$18.57
M300BRB90	3" Flange X 3" H.B. 90deg	\$45.18



Part No.	Description	Price
M100BRB45	1" Flange X 1" 45 deg Barb	\$16.64
M200150BRB45	2" Flange x 1 1/2" 45 deg Barb	\$20.02
M200BRB45	2" Flange X 2" 45 deg Barb	\$23.50
M220BRB45	2" FP Flange X 2" 45 deg Barb	\$22.65
M300BRB45	3" Flange X 3" 45 deg Barb	\$78.99



Part No.	Description	Price
M100100HBT	1" Flange X 1" Barb Tee	\$9.71
M100125HBT	1" Flange X 1-1/4" Barb Tee	\$17.69
M220200HBT	2" Full Port Flange x 2" Barb Tee	\$18.00
M300300HBT	3" Flange x 3" Hose Barb Tee	\$39.21



Part No.	Description	Price
M100SWFSS	1" Flange X 1" Socket Weld	\$32.57
M104SWFSS	1" Flange X 1" Socket Weld 4"	N/A
M200SWFSS	2" Flange X 2" Socket Weld	\$89.58
M220SWFSS	2" FP Flange 2" Socket Weld	\$86.93
M220375SWFSS	2" X 2" Socket Weld 3-3/4"	\$161.51
M300SWFSS	3" Flange X 3" Socket Weld	\$155.62
M300375SWFSS	3" X 3" Socket Weld 3-3/4"	\$265.19



Part No.	Description	Price
M220CPG3G	2"x2" Flange 3" long with 1/2" Gauge Port	\$42.18



Part No.	Description	Price
M101GSA	1" Flange X PVC Glue Socket	\$11.67
M221GSA	2" FP Flange x 2" PVC Glue Socket	\$17.90
M301GSA	3" Flange X 3" PVC Glue Socket	\$28.09



Stainless Steel Sweeps and Manifold Adapters

Part No.	Description	Price
M220BWASS	2" FP Manifold Butt Weld Adapter	\$106.71



Part No.	Description	Price
MSW220	2" Full Port Manifold Flange Swivel	\$45.58
MAF220	2" FP Manifold Flange x ANSI Flange	N/A

1-800-450-6666

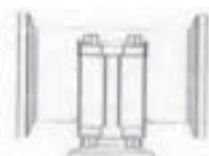
Manifold Fittings



Part No.	Description	Price
M100CPG90	1" Flange 90 deg	\$8.48
M100CPG45	1" Flange 45 deg	\$12.62
M200CPG90	2" Std Flange 90 deg	\$14.20
M200CPG90SH	2" Std Flange 90 deg short	\$14.20
M200CPG45	2" Std Flange 45 deg	\$14.87
M220CPG90	2" FP Flange 90 deg	\$12.92
M220CPG45	2" FP Flange 45 deg	\$17.93
M300CPG90	3" x 3" Flange 90 deg	\$61.03
M300CPG45	3" x 3" Flange 45 deg	\$73.35



Part No.	Description	Price
M100CPG	1" Flange	\$6.84
M200CPG	2" Std Flange	\$14.54
M220CPG	2" FP Flange	\$16.35
M220CPG6	2" FP Flange x 6"	\$22.98
M300CPG	3" Flange	\$19.25
M300CPG2	3" Flange x 2"	\$18.14
M300CPG7	3" Flange x 7"	\$22.71
M300CPG12	3" Flange x 12"	\$65.41



Part No.	Description	Price
M100TEE	1" Manifold Tee	\$7.80
M101TEE	1" Manifold Tee – Long	\$7.82
M200100TEE	2" X 1" Manifold Tee	\$15.75
M200TEE	2" Manifold Tee	\$14.94
M200100TEEB	2" x 1" Man. Tee w/Mtg. Block	\$21.45
M220100TEE	2" F.P. Man. Tee x 1" Flange	\$16.63
M220TEE	2" F.P. Manifold Tee	\$14.94
M300TEE	3" Manifold Tee	\$70.38



Part No.	Description	Price
M100PLG	1" Flange Plug	\$3.21
M100PLG025	1" Flange Plug w/ 1/4" FPT	\$12.58
M100PLG050	1" Flange Plug w/ 1/2" FPT	\$13.85
M200PLG	2" Flange Plug	\$5.39
M200PLG025	2" Flange Plug w/ 1/4" FPT	\$16.25
M200PLG038	2" Flange Plug w/ 3/8" FPT	\$17.78
M200PLG050	2" Flange Plug w/ 1/2" FPT	\$16.25
M200PLG075	2" Flange Plug w/ 3/4" FPT	\$16.25
M200PLG100	2" Flange Plug w/ 1" FPT	\$16.25
M220PLG	2" Full Port Flange Plug	\$6.80
M220PLG075	2" Full Port Flange w/ 3/4" FPT	\$24.78
M300PLG	3" Flange Plug	\$18.18
M300PLG075	3" Flange w/ 3/4" FPT	\$29.40
M300PLG100	3" Flange w/ 1" FPT	\$30.30



Part No.	Description	Price
M100050FPT	1" Flange x 1/2" FPT	\$2.87
M100075FPT	1" Flange x 3/4" FPT	\$2.87
M100FPT	1" Flange x 1" FPT	\$5.37
M200FPT	2" Std Flange x 2" Pipe Thread	\$15.57
M220FPT	2" FP Flange x 2" Pipe Thread	\$25.11
M300FPT	3" Flange x 3" FPT	\$40.41



Part No.	Description	Price
M200100CPG	2" Std Flange x 1" Flange	\$16.51
M220100CPG	2" FP Flange x 1" Flange	\$18.18
M220200CPG	2" Fp Flange x 2" Std. Flange	\$18.18
M300200CPG	3" Flange x 2" Std Flange	\$42.41
M300220CPG	3" Flange x 2" FP Flange	\$38.55



Part No.	Description	Price
M100CR	1" Flanged Cross	\$22.90
M200CR	2" Flanged Cross	\$37.35
M220CR	2" F.P. Flanged Cross	\$41.07
M300CR	3" F.P. Flanged Cross	\$82.59



200G



BFC220



BFC220TB



BFC220B

Part No.	Description	Price
BFC100	1" Worm Screw Clamp	\$7.74
BFC200	2" Worm Screw Clamp	\$9.08
BFC220	2" Worm Screw Clamp	\$9.43
BFC300	3" Worm Screw Clamp	\$13.04
BFC220TB	2" Hi Torque T-Bolt Clamp	\$36.20
BFC300TB	3" Hi Torque T-Bolt Clamp	\$37.82
BFC220B	2" Bolted Clamp	\$56.40
BFC300B	3" Bolted Clamp	\$60.76
M100G	EPDM Gasket For FC100	\$2.58
M100GV	Viton Gasket For FC100	\$7.21
150G	EPDM Gasket For FC200	\$1.07
150GV	Viton Gasket For FC200	\$12.68
200G	F.P. EPDM Gasket For FC220	\$1.29
200GV	F.P. Viton Gasket For FC220	\$19.65
300G	EPDM Gasket For FC300	\$1.76
300GV	Viton Gasket For FC300	\$26.94



Part No.	Description	Price
UFG0100E-A	1" Universal Alignment Gasket	\$1.51
UFG0150E-A	1-1/2" Universal Alignment Gasket	\$1.66
UFG0200E-A	2" Universal Alignment Gasket	\$1.74
UFG0300E-A	3" Universal Alignment Gasket	\$2.21

1-800-450-6666

Manifold Fittings



Part No.	Description	Price
M100A	1" Male Cam x 1" Flange	\$7.40
M200A	2" Male Cam x 2" Std Flange	\$9.88
M220A	2" Male Cam x 2" FP Flange	\$10.89
M300A	3" Male Cam x 3" Flange	\$21.07



Y - Coupling

Part No.	Description	Price
M220Y45	2" FP "Y" 45 deg	\$72.65
M220YG45	2" FP "Y" 45 deg w/ 3/4" Port	\$86.64
M300Y45	3" FP "Y" 45 deg	\$145.54
M300YG45	3" FP "Y" 45 deg w/ 3/4" Port	\$145.54
M300220WYCG	3" Flange inlet x 2" FP WYE Outlet	\$111.23



Boom Nozzle Pipe Adapters

Part No.	Description	Price
M100PA	1" Flanged Pipe Adapter	\$54.39
M100PAC	1" Planged Pipe Adapter Cap	\$56.52
M100PAT	1" Flanged Pipe Adapter Tee	\$60.54



U- Bolts

Part No.	Description	Price
UB100	100 Series Mtng. "U" Bolt Assy.- SS	\$28.09
UB202	200 Series Mtng. "U" Bolt Assy.- SS	\$28.40
UB220	220 Series Mtng. "U" Bolt Assy.-SS	\$30.05



Part No.	Description	Price
M220D	2" FP Flange X 2" Female Coupler	\$25.01
M303D	3" Flange x 3" Female Coupler	\$47.89



Check Valve

Part No.	Description	Price
MCV100	1" Flange Poly Check Valve	\$22.22
MCV200	2" Flange Poly Check Valve	\$28.76
MCV220	2" FP Flange Poly Check Valve	\$34.61
MCV300	3" FP Flange Poly Check Valve	\$57.57



Tank Fittings

Part No.	Description	Price
MBF100	1" Flange x 1-1/2" FNPT	\$76.77
MBF200	2" Std. Port Flange x 2" FNPT	\$77.18
MBF220	2" FP Flange x 2" FNPT	\$89.14
MBF300	3" Flange x 3" FNPT	\$119.63

Bottom Drain

Part No.	Description	Price
MBF100BD	1" Flange x 1-1/2" FNPT	\$77.03
MBF200BD	2" Std. Flange x 2" FNPT	\$77.33
MBF220BD	2" FP Flange x 2" FNPT	\$88.28
MBF300BD	3" Flange x 3" FNPT	\$120.93

Manifold Sweeps



M100BRBSWP90



M100BRBSWPG90



M100125BRBSWP90



M100SWP90



M100SWPG90



M200SWP90



M220ASWP90



M220BRBSWP90



M220MPTSWP90



M220SWP90



M220200SWP90



M300BRBSWP90



M300ASWP90



M300MPTSWP90



M300SWP90



M300ASWPG90



M300SWPG90



M300SWP904

Part No.	Description	Price
M100BRBSWP90	1" Flange x Hose Barb Sweep	\$16.18
M100BRBSWPG90	1" Flange x Hose Barb Sweep w/ Gauge Port	\$17.66
M100SWP90	1" Flange x Flange Sweep	\$14.87
M100SWPG90	1" Flange x Flange Sweep w/ Gauge Port	\$19.44
M200SWP90	2" Flange x Flange Sweep	\$17.76
M220ASWP90	2" Full Port Flange x Male Adapter Sweep	\$16.40
M220BRBSWP90	2" Full Port Flange x Hose Barb Sweep	\$36.82
M220MPTSWP90	2" Full Port Flange x Male NPT Sweep	\$18.01
M220SWP90	2" Full Port Flange x Flange Sweep	\$15.62
M220200SWP90	2" Full Port Flange x 2" Flange Sweep	\$19.16
M300220SWP90	3" Flange x 2" FP Flange Sweep	\$75.15
M300BRBSWP90	3" Flange x Hose Barb Sweep	\$71.60
M300MPTSWP90	3" Flange x Male NPT Sweep	\$82.66
M300SWP90	3" Flange x Flange Sweep	\$71.60
M300ASWPG90	3" Flange x Male Adapter Sweep w/ Gauge Port	N/A
M300SWPG90	3" Flange x Flange Sweep w/ Gauge Port	\$82.66
M300ASWP90	3" Flange x Flange Sweep	\$82.66
M300SWP904	3" Flange x 3" Flange Sweep 4" Long	\$64.97

Manifold Line Strainers



1" Manifold "Y" Strainer 150psi Max

Part No.	Description	Price
MLS100-20	1" STD. Flanged Strainer w/ 20 Mesh	\$52.16
MLS100-50	1" STD. Flanged Strainer w/ 50 Mesh	\$52.16
MLS100-80	1" STD. Flanged Strainer w/ 80 Mesh	\$52.16



2" Standard Manifold "Y" Strainer 150psi Max

Part No.	Description	Price
MLS200BC	2" STD. Flanged Strainer Body and Cap	\$63.59
MLS200-06	2" STD. Flanged Strainer w/ 6 Mesh	\$116.90
MLS200-12	2" STD. Flanged Strainer w/ 12 Mesh	\$116.90
MLS200-20	2" STD. Flanged Strainer w/ 20 Mesh	\$116.90
MLS200-30	2" STD. Flanged Strainer w/ 30 Mesh	\$105.44
MLS200-50	2" STD. Flanged Strainer w/ 50 Mesh	\$116.90
MLS200-50M	2" STD. Flanged Strainer w/ 50 Mesh & Mounting	\$118.58
MLS200-80	2" STD. Flanged Strainer w/ 80 Mesh	\$116.90
MLS200-100	2" STD. Flanged Strainer w/ 100 Mesh	N/A

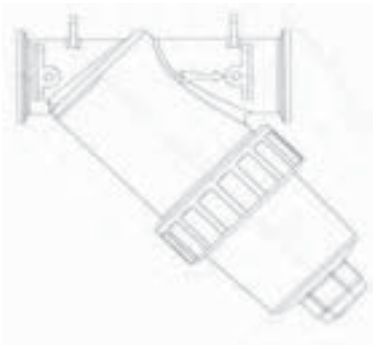


1" and 2" Standard Manifold "T" Strainers

Part No.	Description	Price
MLST100-16	1" Flanged "T" Strainer - 16 Mesh	N/A
MLST100-30	1" Flanged "T" Strainer - 30 Mesh	\$54.52
MLST100-50	1" Flanged "T" Strainer - 50 Mesh	\$55.33
MLST100-80	1" Flanged "T" Strainer - 80 Mesh	\$54.52
MLST100-100	1" Flanged "T" Strainer - 100 Mesh	\$54.19
MLST150-16	2" STD. Flanged "T" Strainer - 16 Mesh	N/A
MLST150-30	2" STD. Flanged "T" Strainer - 30 Mesh	\$101.32
MLST150-50	2" STD. Flanged "T" Strainer - 50 Mesh	\$91.75
MLST150-80	2" STD. Flanged "T" Strainer - 80 Mesh	\$103.33
MLST150-100	2" STD. Flanged "T" Strainer - 100 Mesh	\$101.62

1-800-450-6666

Manifold Line Strainers



2" Manifold Full Port "Y" Strainer 150psi Max

Part No.	Description	Price
MLS222BC	2" Full Port Flanged Body and Cap	\$98.34
MLS222-04	2" FP Flanged Strainer w/ 4 Mesh Screen	\$160.59
MLS222-08	2" FP Flanged Strainer w/ 8 Mesh Screen	N/A
MLS222-10	2" FP Flanged Strainer w/10 Mesh Screen	\$176.66
MLS222-16	2" FP Flanged Strainer w/ 16 Mesh Screen	\$176.66
MLS222-30	2" FP Flanged Strainer w/ 30 Mesh Screen	\$160.59
MLS222-50	2" FP Flanged Strainer w/ 50 Mesh Screen	\$160.59
MLS222-80	2" FP Flanged Strainer w/ 80 Mesh Screen	\$176.66
MLS222-100	2" FP Flanged Strainer w/ 100 Mesh Screen	N/A



3" Manifold Line "Y" Strainer - 75psi Max

Part No.	Description	Price
MLS300-04	3" Manifold Strainer w/ 4 Mesh Screen	N/A
MLS300-08	3" Manifold Strainer w/ 8 Mesh Screen	N/A
MLS300-12	3" Manifold Strainer w/ 12 Mesh Screen	\$646.48
MLS300-20	3" Manifold Strainer w/ 20 Mesh Screen	\$587.72
MLS300-50	3" Manifold Strainer w/ 50 Mesh Screen	\$587.72

3" Manifold Strainer by Terremax



3" Manifold Flange T Strainers

Part No.	Description	Price
MLST30012	3" Manifold w/ 12 Mesh SS Screen	\$520.12
MLST30020	3" Manifold w/ 20 Mesh SS Screen	\$520.12
MLST30050	3" Manifold w/ 50 Mesh SS Screen	\$520.12



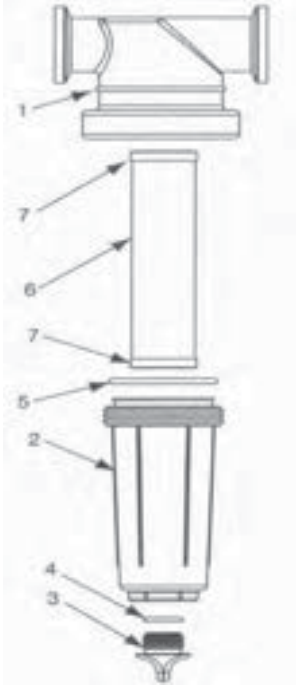
3" Line Strainer Parts & Accessories

Part No.	Description	Price
MLST300B	Manifold Body	\$157.92
MLST300C	Manifold Cap	\$48.44
MLST300BC	Manifold Body/Cap; No Screen	\$394.26
MLST300ORE	Oring EPDM	\$13.20
MLST300ORV	Oring Viton	\$35.19
MLST300CLAMP	Manifold Clamp	\$143.60
MLST312SS	Screen 12 Mesh; 316SS	\$129.58
MLST320SS	Screen 20 Mesh; 316SS	\$129.58
MLST350SS	Screen 50 Mesh; 316SS	\$129.58
MDST300SS	Manifold Deflector	\$30.00
LSP100	Manifold Drain Plug	\$4.13
LSP100G	Oring EPDM for Line Strainer Drain Plug LSP100	\$1.24
LSP100GV	Oring Viton for Line Strainer Drain Plug LSP100	\$2.11

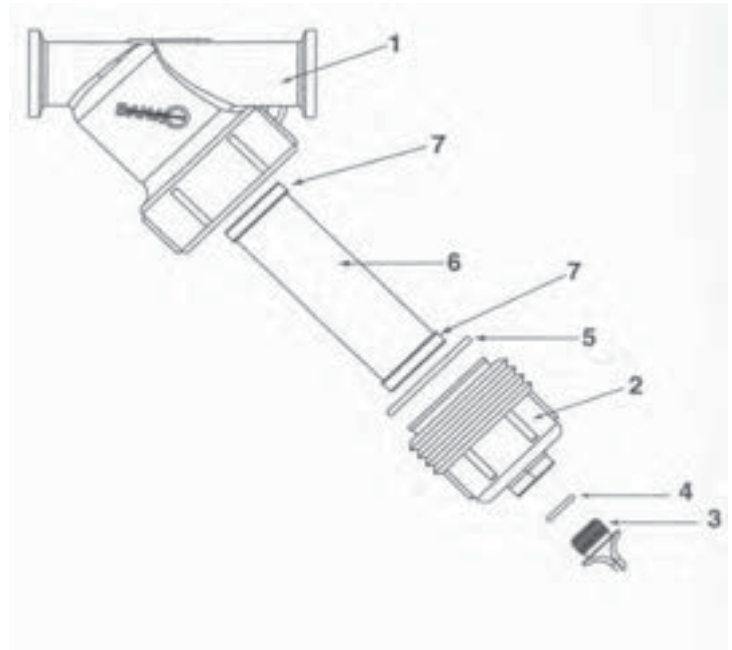


Manifold Strainer Replacement Parts

MLST100 & MLST150



MLS100 & MLS200



Replacement Parts - MLST100 & MLST150

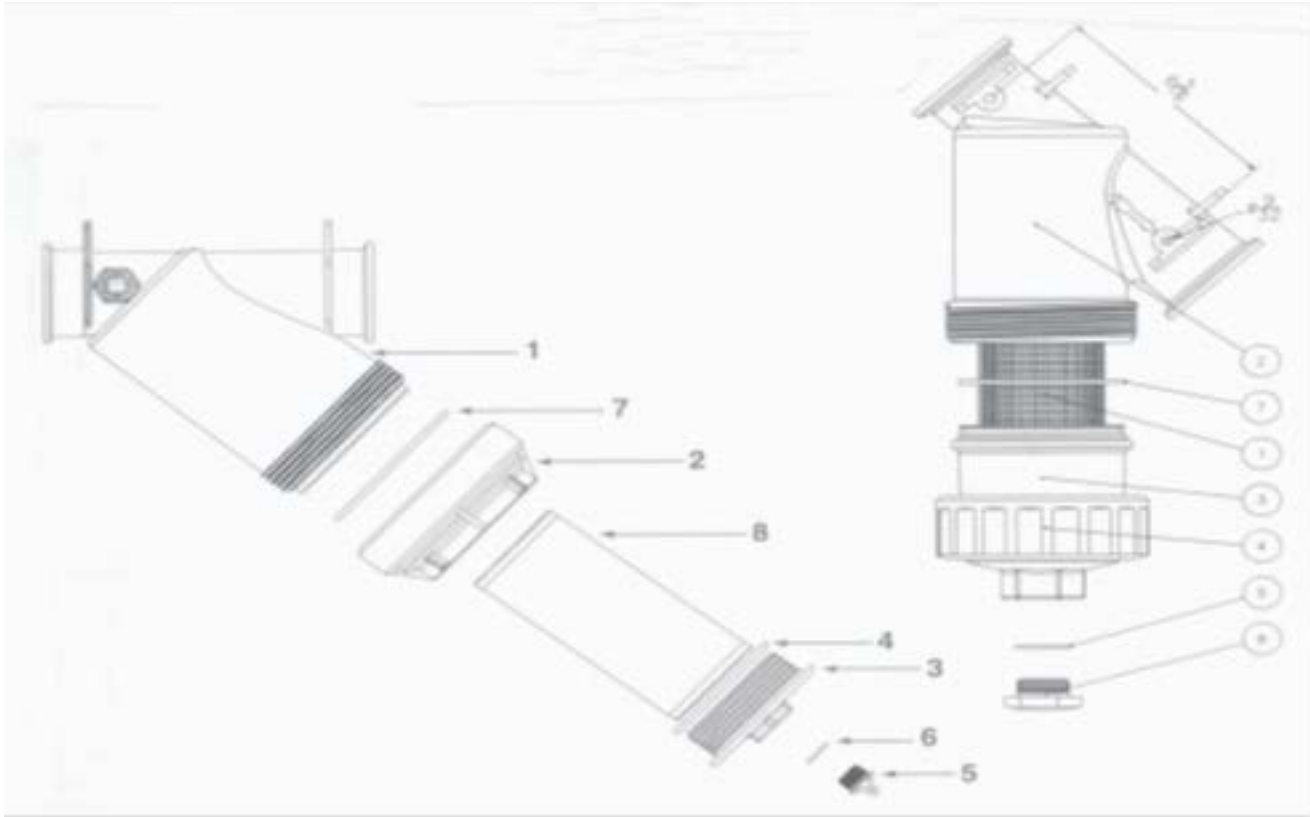
Item #	Part No.	Description	Qty	Price
1	MLST100-H	1" Flanged Head	1	\$19.05
1	MLST150-H	1-1/2" Flanged Head	1	\$37.52
2	LST100-B	1" Bowl, Plug, O-Ring	1	\$18.48
2	LST150-B	1-1/2" Bowl, Plug, O-Ring	1	\$29.82
3	12777	Plug for 1"	1	\$3.47
3	LSQ200-PL	Plug for 1-1/2"	1	\$4.03
4	UV15163	O-Ring for 1"	1	\$1.24
4	LSQ200-R	O-Ring for 1-1/2"	1	\$1.30
5	LST100-G	EPDM Gasket for 1"	1	\$4.82
5	LST150-G	EPDM Gasket for 1-1/2"	1	\$4.71
5	LST100-GV	Viton Gasket for 1"	1	\$10.10
5	LST150-GV	Viton Gasket for 1-1/2"	1	\$10.92
6	LST116	1" Screen: 16 Mesh	1	\$26.70
	LST130	1" Screen: 30 Mesh	1	\$27.29
	LST150	1" Screen: 50 Mesh	1	\$26.22
	LST180	1" Screen: 80 Mesh	1	\$24.81
	LST1100	1" Screen: 100 Mesh	1	\$26.08
6	LST1516	1-1/2" Screen: 16 Mesh	1	\$41.03
	LST1530	1-1/2" Screen: 30 Mesh	1	\$41.64
	LST1550	1-1/2" Screen: 50 Mesh	1	\$41.03
	LST1580	1-1/2" Screen: 80 Mesh	1	\$44.29
	LST15100	1-1/2" Screen: 100 Mesh	1	\$41.93
7	13778	O-Ring fits 1" Screen		\$2.51
7	LST034G	O-Ring fits 1-1/2" Screen	1	\$3.54

Replacement Parts MLS100 & MLS 200

Item #	Part No.	Description	Qty	Price
1	MLS100B	1" Std Body	1	\$22.50
1	MLS200B	2" Std Body	1	\$51.33
1	MLS200BB	2" Body w/ Mtg Holes	1	N/A
2	LS100-C1	1" Std Cap	1	\$18.48
2	LS150-C	2" Std Cap	1	\$32.13
3	12777	1" Plug	1	\$3.47
3	LSQ200-PL	2" Plug	1	\$4.03
4	UV15163	1" O-Ring	1	\$1.24
4	LSQ200-R	2" O-Ring	1	\$1.30
5	LS100-G	1" EPDM Gasket	1	\$4.71
5	LS150-G	2" EPDM Gasket	1	\$4.71
5	LS150-GV	2" Viton Gasket	1	\$17.06
6	LS120	1" Screen: 20 Mesh	1	\$30.63
	LS140	1" Screen: 40 Mesh	1	\$31.08
	LS150	1" Screen: 50 Mesh	1	\$31.30
	LS180	1" Screen: 80 Mesh	1	\$30.05
6	LS206	2" Screens: 6 Mesh	1	\$61.90
	LS212, LS220	2" Screens: 12 or 20 Mesh		\$59.44
	LS230	2" Screens: 30 Mesh		\$55.07
	LS250	2" Screens: 50 Mesh		\$59.44
	LS280	2" Screens: 80 Mesh		\$56.27
	LS2100, LS2120	2" Screens: 100 or 120 Mesh		\$65.38
7	LS125G	O-Ring Fits 1" Screen	1	\$2.99
7	LS141G	O-Ring Fits 2" Screen	1	\$5.19

1-800-450-6666

Manifold Strainer Replacement Parts



Replacement Parts - MLS300

Item #	Part No.	Description	Qty	Price
1	MLS300B	3" Manifold Body	1	\$405.25
2	MLS300CAP	3" Strainer Nut	1	\$222.91
3	LS300EC	End Cap	1	\$41.25
4	MLS300ECG	End Cap Gasket-EPDM	1	\$17.05
4	MLS300ECGV	End Cap Gasket-Viton	1	\$35.85
5	13777	End Cap Plug	1	\$5.52
6	13778	End Cap Plug Gasket	1	\$2.51
7	MLS300G	Cap Gasket	1	\$9.23
7	MLS300GV	Cap Gasket Viton	1	\$44.84
8	LS304	3" - 4 Mesh Screen	1	\$181.09
8	LS308	3" - 8 Mesh Screen	1	\$181.09
8	LS312	3" - 12 Mesh Screen	1	\$181.09
8	LS320	3" - 20 Mesh Screen	1	\$164.61
8	LS350	3" - 50 Mesh Screen	1	\$164.61

Replacement Parts - MLS222 Full Port

Item #	Part No.	Description	Qty	Price
1	LST204SS	FP 4 mesh Screen	1	\$82.78
1	LST206SS	FP 6 mesh Screen	1	\$82.78
1	LST208SS	FP 8 mesh Screen	1	\$82.78
1	LST210SS	FP 10 mesh Screen	1	\$82.78
1	LST216SS	FP 16 mesh Screen	1	\$82.78
1	LST230SS	FP 30 mesh Screen	1	\$75.25
1	LST250SS	FP 50 mesh Screen	1	\$75.25
1	LST280SS	FP 80 mesh Screen	1	\$82.78
1	LST2100SS	FP 100 mesh Screen	1	\$82.78
1	MLS250SS	FP 50m Perforated	1	\$119.93
1	MLS280SS	FP 80m Perforated	1	\$119.93
1	MLS2100SS	FP 100m Perforated	1	\$129.33
2	MLS222B	Body	1	\$53.66
3	MLS220C1	Cap	1	\$36.06
4	MLS220R1	Ring	1	\$20.34
5	LSQ200-R	Plug Gasket	1	\$1.30
6	LSQ200-PL	Plug Gasket	1	\$4.03
7	MLS220G1	Body Gasket	1	\$5.31
2-7	MLS222BC	Complete Less Screen	1	\$98.34

For 3" Threaded Strainer

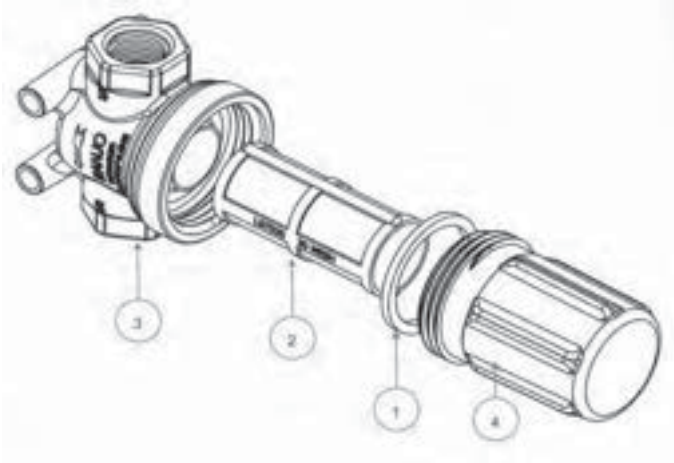
Use above parts with #1 being the only change

1	MLS300B1	3" Threaded Body	1	\$405.25
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Polypropylene Mini "T" Line Strainer

Part No.	Description	Price
LSTM050-(mesh)	1/2" Mini "T" w/Poly Bowl	\$28.13
LSTM050-(mesh)C	1/2" Mini "T" w/Clear Bowl	\$37.77
LSTM075-(mesh)	3/4" Mini "T" w/Poly Bowl	\$28.13
LSTM075-(mesh)C	3/4" Mini "T" w/Clear Bowl	\$37.77

Mesh Screens Available Are: 30, 50, 80, 100



Replacement Parts For 1/2" & 3/4" MINI Strainers

Ref.	Part No.	Description	Price
1	LSTM050G	EPDM O-Ring	\$4.71
1	UV10264V	Viton O-Ring	\$10.58
2	LST530	30m Screen Only	\$23.22
2	LST550	50m Screen Only	\$21.50
2	LST580	80m Screen Only	\$21.50
2	LST5100	100m Screen Only	\$23.22
3	LSTM050H	1/2" Head only	\$18.48
3	LSTM075H	3/4" Head only	\$18.48
4	LSTM050BC	Clear Bowl	\$22.07
4	LSTM050B	Black Poly Bowl	\$11.32

This is a **NEW** style strainer.

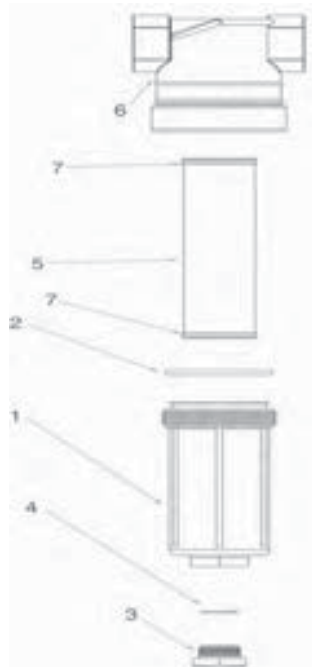
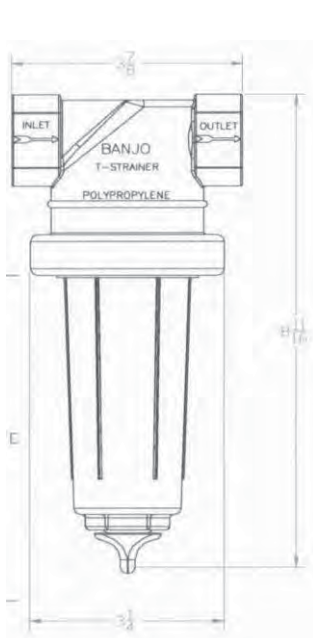
Please note that the bowl has male threads and the top has female threads.

3/4" & 1" Polypropylene "T" Strainer

Part No.	Description	Price
LST075-(mesh)	3/4" Poly "T" Strainer 16, 30, 80, 100	\$49.47
LST075-50	50 mesh	\$45.60

Part No.	Description	Price
LST100-(mesh)	1" Poly "T" Strainer 16, 30, 80, 100	\$49.47
LST100-50	50 mesh	\$45.65

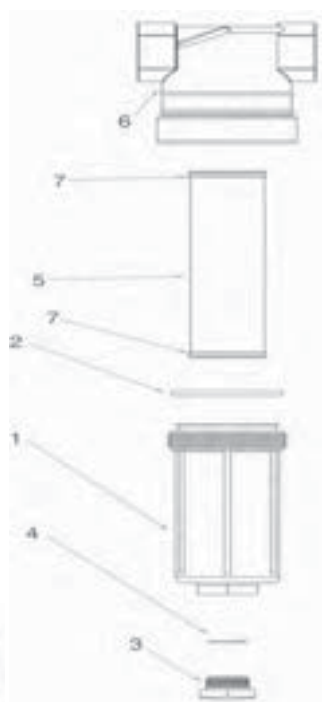
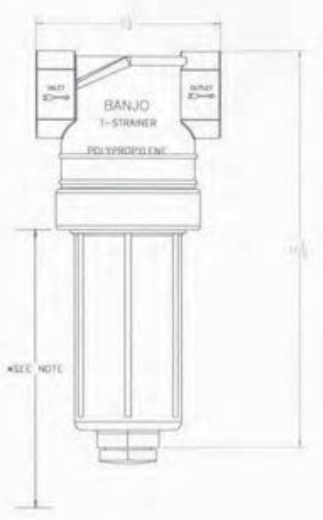
Mesh Screen Available: 16, 30, 50, 80, 100



Replacement Parts for 3/4" or 1" T Strainer

Ref.	Part No.	Description	Price
5	LST116	16m Screen	\$26.70
5	LST130	30m Screen	\$26.29
5	LST150	50m Screen	\$26.22
5	LST180	80m Screen	\$24.81
5	LST1100	100m Screen	\$26.08
N/S	LST075-HB	3/4" Head, Bowl, Gasket	\$30.81
6	LST075-H	3/4" Head	\$15.58
N/S	LST100-HB	1" Head, Bowl, Gasket	\$30.81
6	LST100-H	1" Head	\$15.58
7	13778	EPDM O-Ring For Screen	\$2.51
1	LST100-B	1" Bowl	\$18.48
2	LST100-G	EPDM Gasket	\$4.82
2	LST100-GV	Viton Gasket	\$10.01
4	UV15163	EPDM Plug O-Ring	\$1.24
3	12777	1/2" Clean Plug	\$3.47
4	UV15163V	Viton Plug O-Ring	\$5.28

1-1/4" & 1-1/2" Poly "T" Strainers



1-1/4" Poly "T" Strainer

Part No.	Description	Price
LST125-(mesh)	16, 50 Mesh	\$97.96
LST125-30	30 Mesh	\$98.44
LST125-80	80 Mesh	\$100.30

1-1/2" Poly "T" Strainer

LST150-30	30 Mesh	\$98.44
LST150-50	50 Mesh	\$98.06
LST150-80	80 Mesh	\$100.30
LST150-100	100 Mesh	\$98.64

Relacement Parts For 1-1/4" or 1-1/2" Strainer

Ref.	Part No.	Description	Price
5	LST1516	16m Screen	\$41.03
5	LST1530	30m Screen	\$41.64
5	LST1550	50m Screen	\$41.03
5	LST1580	80m Screen	\$44.29
5	LST15100	100m Screen	\$41.93
N/S	LST125-HB	1-1/4" Head, Bowl, Gasket	\$67.54
6	LST125-H	1-1/4" Head	N/A
N/S	LST150-HB	1-1/2" Head, Bowl, Gasket	\$67.54
6	LST150-H	1-1/2" Head	N/A
7	LST034G	EPDM O-Ring For Screen	\$3.54
1	LST150-B	Bowl	\$29.82
2	LST150-G	EPDM Gasket	\$4.71
2	LST150-GV	Viton Gasket	\$10.92
3	LSQ200-PL	Clean-Out Plug	\$4.03
4	LSQ200-R	EPDM O-Ring	\$1.30
4	LSQ200-RV	Viton O-Ring	\$2.10

Mesh Size	Old Color	New Color
6	White	No Change
8	Blue	Zinc Yellow
12	Black	No Change
16	Gray	Brown Red
20	Beige	No Change
30	Yellow	Flame Red
40	Brown	No Change
50	Red	Gentian Blue
60	Orange	Gentian Blue
80	Blue	Zinc Yellow
100	Green	Traffic Green
120	Black	No Change
150	White	Pure Orange

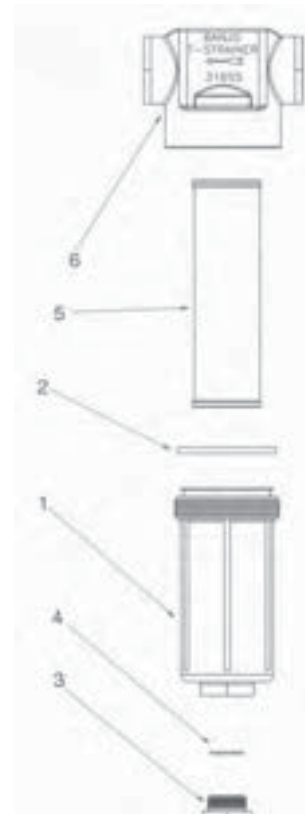
2" Poly / Stainless "T" Strainer

316 Stainless Steel Head . 150 PSI at 70 Degrees F

Part No.	Description	Price
LST200-(mesh)SS Mesh	2" Stainless Strainers 10, 50	\$1,106.58
LST200-(mesh)SS Mesh	2" Stainless Strainers 80	N/A

Replacement Parts for 2" Poly/Stainless "T" Strainer

Ref.	Part No.	Description	Price
1	LST200-B	2"Poly Bowl	\$157.34
2	LST200-GV	2" FKM (viton Type) Gasket	\$33.87
3	LSQ200-PL	1" Clean Out Plug	\$4.03
4	LSQ200-RV	FKM O-Ring For Clean Out Plug	\$2.10
5	LST204-SS	4 Mesh Screen	\$82.78
5	LST206-SS	6 Mesh Screen	\$82.80
5	LST208-SS	8 Mesh Screen	\$82.78
5	LST210-SS	10 Mesh Screen	\$82.78
5	LST216-SS	16 MeshScreen	\$82.78
5	LST230-SS	30 MeshScreen	\$75.25
5	LST280-SS	80 Mesh Screen	\$82.78
5	LST2100-SS	100 Mesh Screen	\$82.78
6	LST200 -HSS	2" SS Head	\$833.66
N/S	LST200-HBSS	2" SS Head, Poly Bowl & Gasket	N/A



Polypropylene "Y" Strainers

1/2" - 2"

Part No.	Description	Price
LS050-(mesh)	1/2" Y Strainer	\$42.26
Available Mesh	40	
LS050-(mesh)	1/2" Y Strainer	\$47.66
Available Mesh	20 & 80	

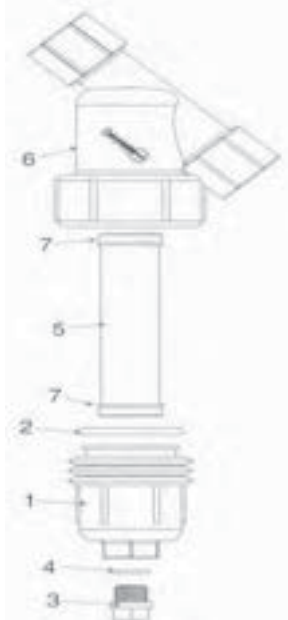
LS075-(mesh)	3/4" Y Strainer	\$42.26
Available Mesh	20 & 40	
LS075-(mesh)	3/4" Y Strainer	\$47.66
Available Mesh:	80	

LS100-(mesh)	1" Y Strainer	\$46.50
Available Mesh	20	
LS100-(mesh)	1" Y Strainer	\$42.43
Available Mesh:	40	
LS100-(mesh)	1" Y Strainer	\$57.52
	80	

LS125-(mesh)	1-1/4" Y Strainer	\$46.60
Available Mesh	20 & 40	
LS125-(mesh)	1-1/4" Y Strainer	\$52.32
Available Mesh	80	

LS150-(mesh)	1-1/2" Y Strainer	\$103.24
Available Mesh:	6, 30, 80,	
LS150-(mesh)	1-1/2" Y Strainer	\$95.45
Available Mesh:	12, 20, 50	
LS150-(mesh)	1-1/2" Y Strainer	\$105.07
Available Mesh:	120	

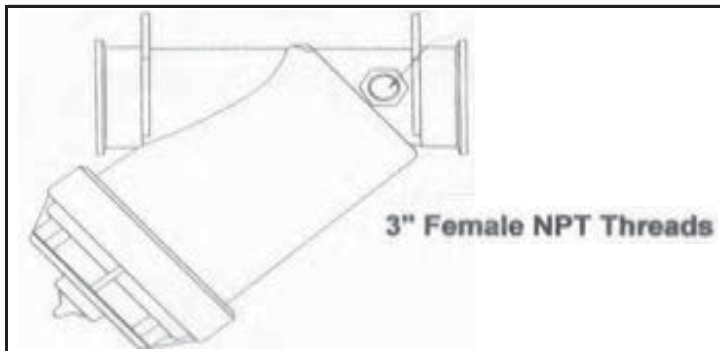
LS200-(mesh)	2" Y Strainer	\$103.34
Available Mesh:	6	
LS200-(mesh)	2" Y Strainer	\$95.45
Available Mesh:	12, 20, 30, 50, 80	
LS200-(mesh)	2" Y Strainer	\$115.27
Available Mesh:	100	



Replacement Parts For 1/2" - 2" Strainers

Ref.	Part No.	Description	Price
5	LS720	20m (fits 1/2 & 3/4)	\$30.63
5	LS740	40m (fits 1/2 & 3/4)	\$27.84
5	LS780	80m (fits 1/2 & 3/4)	\$33.06
5	LS120	20m (fits 1 & 1-1/4)	\$30.63
5	LS140	40m (fits 1 & 1-1/4)	\$31.08
5	LS180	80m (fits 1 & 1-1/4)	\$30.05
5	LS206	6m (fits 1-1/2 & 2)	\$61.90
5	LS212	12m (fits 1-1/2 & 2)	\$59.44
5	LS220	20m (fits 1-1/2 & 2)	\$59.44
5	LS230	30m (fits 1-1/2 & 2)	\$55.07
5	LS250	50m (fits 1-1/2 & 2)	\$59.44
5	LS280	80m (fits 1-1/2 & 2)	\$56.27
5	LS2120	120m (fits 1-1/2 & 2)	\$65.38
5	LS212P	12m Poly (1-1/2 & 2)	N/A
5	LS220P	20m Poly (1-1/2 & 2)	N/A
5	LS250P	50m Poly (1-1/2 & 2)	\$69.76
2	LS075-G	Gasket (1/2 & 3/4)	\$3.57
2	LS100-G	Gasket (1 & 1-1/4)	\$4.71
2	LS150-G	Gasket (1-1/2 & 2)	\$4.71
2	LS075-GV	Viton (1/2 & 3/4)	\$7.47
2	LS100-GV	Viton (1 & 1-1/4)	\$8.62
2	LS150-GV	Viton (1-1/2 & 2)	\$17.06
7	LS125-G	1" -1 1/4" EPDM O-Ring	\$2.99
7	LS141-G	1 1/2 -2" EPDM O-Ring	\$5.19
N/A	LS050B/C1	1/2"Ybody, Cap & Gasket	\$24.27
N/A	LS075B/C1	3/4 Body,Cap,Gasket	\$24.27
N/A	LS100B/C1	1 Body,Cap,Gasket	\$24.27
N/A	LS125B/C1	1-1/4 Body,Cap,Gasket	\$24.27
N/A	LS150B/C	1-1/2 Body,Cap,Gasket	\$54.40
N/A	LS200B/C	2 Body,Cap,Gasket	\$54.40
6	LS200-B	2" Body	N/A
6	LS150-B	1-1/2" Body	N/A
6	LS100-B	1" Body	N/A
1	LS075-C1	End Cap (1/2 & 3/4)	N/A
1	LS100-C1	End Cap (1 & 1-1/4)	\$18.48
1	LS150-C	End Cap (1-1/2 & 2)	\$32.13
3	12723	Plug (1/2 & 3/4)	\$2.46
4	12724	O-Ring (1/2 & 3/4)	\$1.21
3	12777	Plug (1 & 1-1/4)	\$3.47
4	UV15163	O-Ring (1 & 1-1/4)	\$1.24
3	LSQ200-PL	Plug (1-1/2 & 2)	\$4.03
4	LSQ200-R	O-Ring (1-1/2 & 2)	\$1.30

Banjo 2" LSQ and 3" Y Strainers



3" Poly Threaded "Y" Strainer

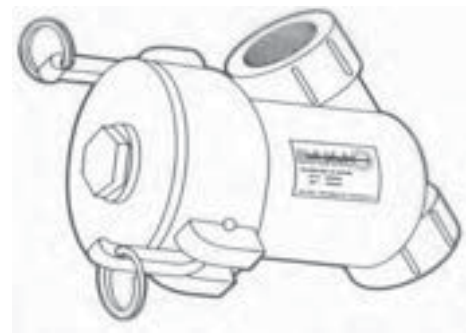
Part No.	Description	Price
LSM300-____ Available Mesh	3" Poly Strainer 4, 8,	\$681.16
LSM300-____ Available Mesh	3" Poly Strainer 12, 20, 50	\$619.28
75 PSI Max - To be used on suction side or non-pressure side in all applications.		

This Style Strainer is No Longer Available
Needs to be replaced with above strainer
Some parts are still available



Replacement Parts For Old Style 3" Poly Y Strainer with Steel Band Clamp

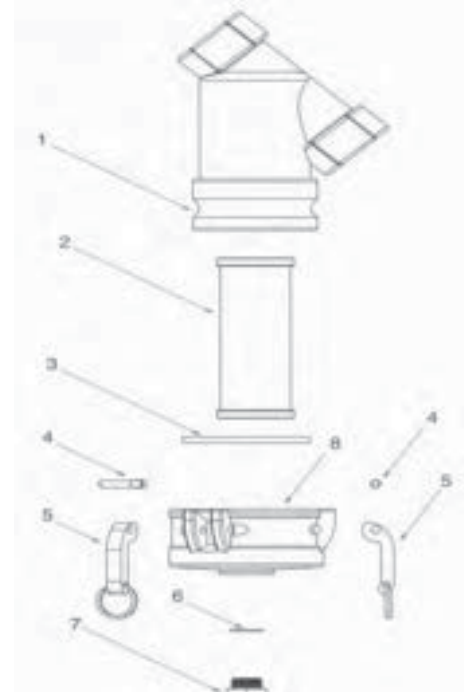
Item	Part No.	Description	Qty.	Price
2	LS304	4 Mesh Screen	1	\$181.09
2	LS308	8 Mesh Screen	1	\$181.09
2	LS312	12 Mesh Screen	1	\$181.09
2	LS320	20 Mesh Screen	1	\$164.61
2	LS350	50 Mesh Screen	1	\$164.61
N/S	LS300BC	Body, Cap, Clamp, Oring	1	N/A
5	LS300C3	3" Cap Complete Includes 4, 5, 6, 7, 8, 9	1	N/A
3	LS300-R	3" SS Clamp (old Syle)	1	N/A
3	LS300R2	3" SS Clamp (new Style)	1	N/A
4	LS300-G	Gasket EPDM (old style)	1	N/A
4	LS300-GV	Gasket Viton (old style)	1	N/A
4	LS300-G1	Gasket EPDM (new style)	1	\$16.66
4	LS300-GV1	Gasket Viton (new style)	1	N/A
1	LS300-B	Body	1	N/A
6	LS300ECG	End Cap Gasket - EPDM	1	\$16.66
6	LS300ECGV	End Cap Gasket - Viton	1	N/A
9	13777	Clean out Plug	1	\$5.52
8	13778	O-Ring - EPDM	1	\$2.51
8	13778V	O-Ring - Viton	1	\$4.04
7	LS300EC	End Cap Only	1	\$41.25



2" Poly "Y" Strainer

Part No.	Description	Price
LSQ200-____	2" LSQ Strainer Select Mesh 6,20,30,50,80,120	\$153.23

Also Available in 1-1/2"



Replacement Parts For 2" LSQ Strainer

Item	Part No.	Description	Qty.	Price
1	LSQ200B	Body	1	N/A
3	LSQ200-G	Gasket - EPDM	1	\$9.78
3	LSQ200-GV	Gasket - Viton	1	\$57.99
7	PLUG075S	1" Clean Out Plug	1	N/A
5	300K	Arm w/ Ring	1	\$9.07
4	300P	Pin	1	\$2.55
2	LS206	6 Mesh Screen	1	\$61.90
2	LS212	12 Mesh Screen	1	\$59.44
2	LS220	20 Mesh Screen	1	\$59.44
2	LS230	30 Mesh Screen	1	\$55.07
2	LS250	50 Mesh Screen	1	\$59.44
2	LS280	80 Mesh Screen	1	\$56.27
2	LS2120	120 Mesh Screen	1	\$65.38
8	LSQ200-C	Cap w/ 3,4,5,6,7	1	\$91.78
6	LSQ200R1	Oring for Plug EPDM	1	\$1.26
6	LSQ200-RV	Oring for Plug Viton	1	\$2.10

1-800-450-6666

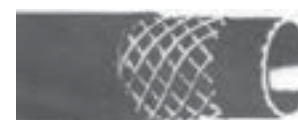
Kanaflex or Bumblebee Fertilizer Solution			Feet Per	Full Roll	Cut Length
Part No.	Size	PSI	Roll	Price Per Foot	Price Per Foot
FS100	1"	50	100'	\$3.02	\$3.55
FS125	1-1/4"	50	100'	\$3.54	\$4.17
FS150	1-1/2"	50	100'	\$4.01	\$4.72
FS200	2"	50	100'	\$5.63	\$6.62
FS300	3"	43	100'	\$11.21	\$13.19
FS400	4"	38	100'	\$19.69	\$23.16



Kanaflex 390SD			Feet Per	Full Roll	Cut Length
Part No.	Size	PSI	Roll	Price Per Foot	Price Per Foot
KF125	1-1/4"	100	100'	\$5.63	\$6.62
KF150	1-1/2"	100	100'	\$6.15	\$7.23
KF200	2"	100	100'	\$8.29	\$9.75
KF300	3"	90	100'	\$14.85	\$17.48



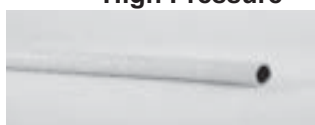
Rubber Spray Hose 200 PSI			Feet Per	Full Roll	Cut Length
Part No.	Size	PSI	Roll	Price Per Foot	Price Per Foot
RS025	1/4"	200	700'	\$1.15	\$1.36
RS038	3/8"	200	500'	\$1.21	\$1.43
RS050	1/2"	200	500'	\$1.72	\$2.01
RS058	5/8"	200	700'	\$2.31	\$2.71
RS075	3/4"	200	500'	\$2.48	\$2.92
RS100	1"	200	500'	\$3.57	\$4.19
RS125	1-1/4"	200	500'	\$6.91	\$8.13
RS150	1-1/2"	200	400'	\$8.89	\$10.46
RS200	2"	200	300'	\$12.90	\$15.27



Rubber Spray Hose-Boxed			Feet Per	Boxed Roll
Part No.	Size	PSI	Roll	Price Per Foot
RS038-BOX	3/8"	200	100'	\$1.43
RS050-BOX	1/2"	200	100'	\$1.98
RS075-BOX	3/4"	200	100'	\$2.64
RS100-BOX	1"	200	100'	\$4.28
RS125-BOX	1 1/4"	200	50	\$8.71
RS150-BOX	1 1/2"	200	50	\$10.16
RS200-BOX	2"	200	50	\$15.16



Yellow Spray Hose High Pressure			Feet Per	Full Roll	Cut Length
Part No.	Size	PSI	Roll	Price Per Foot	Price Per Foot
YSH038	3/8"	600	300'	\$1.56	\$1.84
YSH050	1/2"	600	300'	\$2.19	\$2.57



Wire Rubber Suction			Feet Per	Full Roll	Cut Length
Part No.	Size	PSI	Roll	Price Per Foot	Price Per Foot
WRS125	1-1/4"	125	100'	\$7.85	\$9.24
WRS150	1-1/2"	125	100'	\$8.70	\$10.23
WRS200	2"	120	100'	\$9.48	\$11.15
WRS300	3"	85	100'	\$14.51	\$17.07
WRS400	4"	75	100'	\$20.17	\$23.73
WRS600	6"	50	100'	\$40.86	\$48.08



PVC Water Suction				Feet Per	Full Roll	Cut Length
	Part No.	Size	PSI	Roll	Price Per Foot	Price Per Foot
	PVCS075	3/4"	100	100'	\$1.56	\$1.84
	PVCS100	1"	90	100'	\$2.03	\$2.39
	PVCS125	1-1/4"	70	100'	\$2.29	\$2.70
	PVCS150	1-1/2"	70	100'	\$2.77	\$3.26
	PVCS200	2"	60	100'	\$3.91	\$4.60
	PVCS250	2-1/2"	60	100'	\$7.41	\$8.71
	PVCS300	3"	50	100'	\$7.19	\$8.46
	PVCS400	4"	45	100'	\$11.72	\$13.79
	PVCS500	5"	45	100'	\$23.96	\$28.19
	PVCS600	6"	45	100'	\$27.08	\$31.86
Black PVC Water Suction				Feet Per	Full Roll	Cut Length
	Part No.	Size	PSI	Roll	Price Per Foot	Price Per Foot
	BLPVCS100	1"	90	100'	\$2.24	\$2.63
	BLPVCS125	1-1/4"		100'	\$2.69	\$3.16
	BLPVCS150	1-1/2"		100'	\$2.96	\$3.48
	BLPVCS175	1-3/4"		100'	\$8.17	\$9.61
	BLPVCS200	2"	60	100'	\$4.05	\$4.77
	BLPVCS250	2-1/2"	60	100'	\$6.48	\$7.62
	BLPVCS500	5"	45	100'	\$22.35	\$26.30
EVA Anhydrous Ammonia Blue Vinylex				Feet Per	Full Roll	Cut Length
	Part No.	Size	PSI	Roll	Price Per Foot	Price Per Foot
	EVA025	1/4"		1000'	\$0.61	\$0.72
	EVA038	3/8"		500'	\$0.76	\$0.89
	EVA050	1/2"		300'	\$0.91	\$1.07
	EVA075	3/4"		200'	\$1.35	\$1.59
	EVA100	1"		100'	\$1.97	\$2.32
Black Vinylex						
	BLEVA038	3/8"		500'	\$0.79	\$0.93
	BLEVA050	1/2"		300'	\$0.96	\$1.13
Braided EVA Hose				Feet Per	Full Roll	Cut Length
	Part No.	Size	PSI	Roll	Price Per Foot	Price Per Foot
	BREVA025	1/4"	250	300'	\$1.23	\$1.45
	BREVA038	3/8"	250	300'	\$1.60	\$1.90
	BREVA050	1/2"	250	300'	\$1.85	\$2.20
	BREVA075	3/4"	150	300'	\$2.90	\$3.41
	BREVA100	1"	150	200'	\$5.15	\$6.05
Sight Gauge Hose PVC Clear Vinyl Tubing				Feet Per	Full Roll	Cut Length
	Part No.	Size	PSI	Roll	Price Per Foot	Price Per Foot
	1/8" Wall SGH025	1/4"	50	100'	\$0.80	\$0.94
	1/8" Wall SGH038	3/8"	60	100'	\$1.04	\$1.23
	1/8" Wall SGH050	1/2"	45	100'	\$1.28	\$1.51
	1/8" Wall SGH058	5/8"	40	100'	\$1.43	\$1.68
	1/8" Wall SGH075	3/4"	35	100'	\$1.67	\$1.96
	1/8" Wall SGH100	1"	25	100'	\$2.04	\$2.40
	1/8" Wall SGH125	1-1/4"	35	50	\$3.13	\$3.68
	1/4" Wall SGH150	1-1/2"	35	50	\$7.68	\$9.03
	1/4" Wall SGH200	2"	30	50	\$9.47	\$11.14
PVC Layflat Discharge Hose				Feet Per	Full Roll	Cut Length
	Part No.	Size	PSI	Roll	Price Per Foot	Price Per Foot
	PVCD125	1-1/4"	80	300'	\$1.42	\$1.67
	PVCD150	1-1/2"	75	300'	\$1.10	\$1.30
	PVCD200	2"	70	300'	\$1.15	\$1.35
	PVCD300	3"	55	300'	\$2.67	\$3.14
	PVCD400	4"	45	300'	\$3.50	\$4.12
	PVCD600	6"	40	300'	\$7.80	\$9.18

Blue Chemical / Acid Suction Hose				Feet Per	Full Roll	Cut Length
	Part No.	Size	PSI	Roll	Price Per Foot	Price Per Foot
	CAH075	3/4"	225	100'	\$15.25	\$17.93
	CAH100	1"	225	100'	\$15.90	\$18.71
	CAH125	1-1/4"	225	100'	\$20.84	\$24.51
	CAH150	1-1/2"	225	100'	\$21.38	\$25.16
	CAH200	2"	225	100'	\$25.23	\$29.68
	CAH300	3"	225	100'	\$41.39	\$48.70
"Resistant to 98% of all Chemicals"						

180-AR Grain Handling Hose Heavy Duty				Feet Per		
	Part No.	Size		Roll	Price Per Foot	
	GHHD125	1-1/4"		100'	\$9.80	
	GHHD150	1-1/2"		100'	\$10.53	
	GHHD200	2"		100'	\$17.13	
	GHHD250	2-1/2"		100'	\$21.38	
	GHHD300	3"		100'	\$29.61	
	GHHD400	4"		100'	\$48.25	
	GHHD500	5"		100'	\$73.47	
	GHHD600	6"		100'	\$92.11	

620-WD Downspout Ducting Hose			Feet Per	
	Part No.	Size	Roll	Price Per Foot
	DSDH200	2"	50'	\$9.05
	DSDH250	2-1/2"	50'	\$13.71
	DSDH300	3"	50'	\$13.71
	DSDH400	4"	50'	\$15.08
	DSDH500	5"	50'	\$18.65
	DSDH600	6"	50'	\$23.31
	DSDH700	7"	50'	\$28.24
	DSDH800	8"	50'	\$30.16
	DSDH1000	10"	50'	\$42.49
(No Warranty on Wear)	DSDH1200	12"	50'	\$50.72

Mill Hose - Discharge				Feet Per	Full Roll	Cut Length
	Part No.	Size	PSI	Roll	Price Per Foot	Price Per Foot
	MH150	1-1/2"	150	100'	\$3.05	\$3.59
	MH200	2"	150	100'	\$3.65	\$4.29
	MH300	3"	150	50' or 100'	\$5.83	\$6.88
	MH400	4"	150	50'	\$9.63	\$11.35

NH3 Premade Assembly			
Part No.	Size	Price	
NH3A1003	1"x3'	Call	
NH3A1005	1"x5'	Call	
NH3A10012	1"x12'	Call	
NH3A10015	1"x15'	Call	
NH3A12512	1-1/4"x12'	Call	
NH3A12515	1-1/4"x15'	Call	
Custom length's available - ss also available			

Bulk Anhydrous Ammonia Hose			
Part No.	Size	Price	
NH3050	1/2"	Call	
NH3075	3/4"	Call	
NH3100	1"	Call	
NH3125	1-1/4"	Call	
NH3150	1-1/2"	Call	
NH3200	2"	Call	

Hose & Miscellaneous

Fuel Hose Assembly w/ Static Wire



Part No.	Size	Price
FHA07512	3/4" x 12'	Call
FHA10012	1" x 12'	Call
Curb Hose	1" x 12'	Call

Chemical Hose Assembly



Part No.	Size	Price
CHA07512	3/4" x 12'	\$47.00
CHA07520	3/4" x 20'	\$85.00
CHA10012	1" x 12'	\$89.00
CHA10020	1" x 20'	\$101.00
CHA10025	1" x 25'	\$124.00

Self Storing Coil Hose



Part No.	Size	Price
PU1425	1/4"mnpt x 25'	\$81.00

Great for Spot Sprayer's

Kwik Cut



Part No.	Description	Price
LN200	Will cut to 2" hose	\$39.00
SS200	Blade only	\$15.00

Def Reels From Hannay - SPRING REWIND

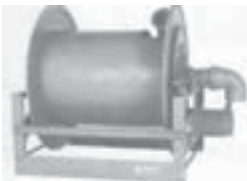
(Comes with Hose, Less Nozzle)

Part No.	Capacity	NET
DEFN716-19-20-10.55	3/4" x 25'	\$1,150.00
DEFN716-23-24-1055	3/4" x 50'	\$1,275.00



Hannay Reels

Part No.	Capacity	Man./Elec.	NET
N818-25-26-10.5B-VR	50' of 1"	Spring Rewind	\$980.00
1526-17-18	450' of 3/8" 325' of 1/2"	Manual	\$516.00
EP1526-17-18	450' of 3/8" 325' of 1/2"	Electric-12v	\$1,146.00
4038-17-18	100' of 1"	Manual	\$677.00
EP4038-17-18	100' of 1"	Electric-12v	\$1,323.00
8238-26-27	75' of 2"	Manual	\$1,771.00
EP8238-26-27	75' of 2"	Electric-12v	\$2,708.00
9346-33-34	50' of 3"	Manual	\$2,083.00
EP9346-33-34	50' of 3"	Electric-12v	\$3,021.00



Parts for Hannay Reels

Part No.	Man./Elec.	NET
9917.0004	Switch	\$40.00
9917.0025	Solenoid	\$52.00
9915.0003	12 volt motor for both 2" & 3"	\$550.00

9931.4521	2" Swivel WHJ Bolted	\$480.00
9936.0741	2" Bolted WHJ Kit	\$65.00

9931-6010	2" Straight OPW Swivel	\$590.00
9936.0760	2" OPW Kit No Bolts	\$90.00

9933.6500	3" Swivel	\$937.00
3004K-4300	3" Swivel Repair Kit	\$101.00

Super Reel

Part #	Description	Hose Capacity	NET
HR200SS	2" Manual Reel	75' of 2" Bumble Bee Hose With SS Swivel	\$1,550.00
HRE200SS	2" Electric Reel	75' of 2" Bumble Bee (Reel size 29"Lx31"Wx27"H) with SS Swivel	\$2,190.00
HRE300SS	3" Electric Reel	75' of 3" Bumble Bee (Reel Size 41"Lx31"W"x39"H) with SS Swivel	\$3,230.00

(Manual crank reels add 5" to width)

Repair Parts for Super Reel

Part #	Description	NET
HR10	Electric motor only	\$351.00
HR11	Remote Control	\$96.00
HRH	Manual Crank Hand	\$18.00
HRSW-2	2" Swivel	\$340.00
HRSW-3	3" Swivel	\$521.00

Part #	Description	NET
HRSS-2	2" SS Swivel	\$713.00
HRSS-3	3" SS Swivel	\$787.00
HR02	2" O-Ring	\$266.00
HR03	3" O-Ring	\$5.00
HRWR	Wireless Remote	\$181.00



Clamps and Gauges

Hose Clamps - All Stainless Steel With Worm Gear Clamp

Part #	Min./Max.	Hose size	Price
4JM	7/32" - 5/8"	1/4"	\$1.27
6JM	7/16" - 7/8"	3/8" - 1/2"	\$1.27
8JM	5/16" - 1/2"	1/2"	\$1.48
12JM	9/16" - 1-1/4"	3/4"	\$1.48
16JM	13/16" - 1-1/2"	1"	\$1.58
24JM	1-1/16" - 2"	1-1/4"	\$1.58
28JM	1-5/16" - 2-1/4"	1-1/2"	\$1.71
36JM	1-13/16" - 2-3/4"	2"	\$1.71
56JM	2-1/8" - 4"	3"	\$2.37
WGSS-72	4 1/16" x 5"		\$5.27
WGSS-104	5" x 7"		\$5.27
WGSS-188	10 1/4" x 12 1/4"		\$9.21
WGSS-200	11" x 13"		\$9.39
WGSS-248	14" x 16"		\$13.52
WGSS-270	15" x 17"		\$15.85
WGSS-312	18" x 20"		\$17.18

Pressure Seal Clamps

*5/8" band constructed of 300 stainless steel .

*Spring Compression of liner creates 360° pressure on hose.

*Trough feature exerts additional pressure on hose.

Part #	Range	Hose I.D.	Price
PC0012	.81"-1.04"	1/2"	\$4.00
PC0014	.88"-1.17"	3/4"	\$4.00
PC0020	1.13"-1.56"	1"	\$5.79
PC0024	1.50"-1.82"	1 1/4"	\$6.11
PC0238	1.62"-2.12"	1 1/2"	\$7.37
PC0288	2.12"-2.62"	2"	\$7.37
PC0300	2.25"-2.75"	2 1/2"	\$9.21
PC0400	3.12"-3.75"	3"	\$9.48
PC0450	3.44"-4.25"	3"	\$9.48

Super Clamps

Get a real grip on those tough-to-clamp hoses with the stainless steel SUPER CLAMP

Part #	Hose I.D.	Min.	Max	Price
BC090	3/4"	0.91	0.98	N/A
BC114	1"	1.14"	1.22"	N/A
TC120	1"	1.20"	1.34"	\$9.02
TC162	1-1/4"	1.62"	1.87"	\$9.91
TC181	1-1/2"	1.81"	2.06"	\$9.11
TC193	1-1/2"	1.93"	2.18"	\$10.03
TC218	2"	2.18"	2.50"	\$9.36
TC231	2"	2.31"	2.62"	\$9.78
TC250	2"	2.50"	2.81"	\$10.50
TC287	2"	2.87"	3.18"	\$10.50
TC331	3"	3.31"	3.62"	\$10.20
TC343	3"	3.43"	3.75"	\$10.20
TC425	4"	4.25"	4.56"	\$12.15
TC438	4"	4.38"	4.75"	\$20.24
TC456	4"	4.56"	4.94"	\$20.24
TBSS-85	5"	5.27"	5.96"	\$22.17
TBSS-101	6"	6.27"	6.56"	\$24.78
TBSS-113	7"	7.02"	7.31"	\$25.11
TBSS-129	8"	8.77"	9.06"	\$26.08
TBSS-170	10"	10.65"	10.94"	\$27.38

Gauges

SG Series Standard Dry Gauge

1/4" Bottom Mount. Brass Stems & Internals

Part #	Size	PSI	Price
SG60	2-1/2"	0-60	\$11.52
SG100	2-1/2"	0-100	\$11.52
SG200	2-1/2"	0-200	\$11.52
SG300	2-1/2"	0-300	\$11.52
SG604	4"	0-60	\$23.65
SG1004	4"	0-100	\$23.65

GG Series Liquid Filled Gauge

1/4" Bottom Mount. Brass Stems & Internals

Part #	Size	PSI	Price
GG30	2-1/2"	0-30	\$36.09
GG60	2-1/2"	0-60	\$36.09
GG100	2-1/2"	0-100	\$36.09
GG200	2-1/2"	0-200	\$36.09
GG300	2-1/2"	0-300	\$36.09
GG400	2-1/2"	0-400	\$36.09
GG604	4"	0-60	\$72.17
GG1004	4"	0-100	\$72.17

ASG Series Ammonia Gauge

1/4" Bottom Mount. Stainless Steel Stem & Internals

Part #	Size	PSI	Price
ASG60	2-1/2"	0-60	\$20.53
ASG160	2-1/2"	0-160	\$20.53
ASG400	2-1/2"	0-400	\$20.53
ASG604	4"	0-60	\$41.07
ASG1604	4"	0-160	\$41.07
ASG4004	4"	0-400	\$41.07

WGG-SS Series Liquid Filled Gauge

1/4" Bottom Mount. Stainless Steel Stem & Internals

Part #	Size	PSI	Price
WGGSS60	2-1/2"	0-60	\$67.19
WGGSS160	2-1/2"	0-160	\$67.19
WGGSS400	2-1/2"	0-400	\$67.19
WGGSS604	4"	0-60	\$100.78
WGGSS4004	4"	0-400	\$100.78

Black Nylon Cable Ties

Part #	Length	Ref #	Tensile Strength (LB)	# Per Pkg	Price
NS4	4"	B4MOC	20	100	\$0.16
NS8	8"	B7SOC	50	100	\$0.21
NS11	11"	B11SOC	50	100	\$0.25
NS11W	11"	B11LOC	120	100	\$0.63
NS14	14"	B14SOC	50	100	\$0.29
NS14W	14"	B14LOC	120	100	\$0.67
NS24W	24"	B24HOL	175	50	\$1.27
NS36W	36"	B36HOL	175	50	\$2.08
NS48W	48"	B48HOL	175	50	\$2.16

Standard Nozzle Bodies & Fittings

Standard Nylon Tee, Elbow, Cross, and Straight Connections



Part No.	Hose Size	Style	Price
NTT38	3/8"	Tee	\$2.36
NTL38	3/8"	Elbow	\$2.30
38D	3/8"	Straight	\$1.88
T38C	3/8"	Cross	\$11.83
NTT12	1/2"	Tee	\$2.53
NTL12	1/2"	Elbow	\$2.40
3812D	1/2"	Straight	\$1.99
T12C	1/2"	Cross	\$11.54
NTT34	3/4"	Tee	\$3.64
NTL34	3/4"	Elbow	\$2.60
T34C	3/4"	Cross	\$12.18
B12	11/16"	Lock Nut	\$0.49

Barbs For 8027 Nut

Part No.	Size	Price
K8414	1/4"	\$0.65
K8438	3/8"	\$0.63
K8412	1/2"	\$0.71

Flat Seat Elbow Barbs

Mainly used in Redball Monitors

Sold in packs of 4			
Part No.	Size	Price	
C38-EL-P	3/8"	\$18.01	
C12-EL-P	1/2"	\$19.40	

Easy Seal Nyglass Hose Clamps



Part No.	Description	Price
5P026	1/4" Eva	\$1.04
	1/4" Rubber	
5P038	3/8" Eva	\$1.04
	3/8" Rubber	
5P044	1/2" Eva	\$0.83
5P050	1/2" Rubber	\$1.78

Female Nozzle Bodies

CP12094-NYB 1/4T-NY



Price
\$1.75

Male Nozzle Bodies

CP8028-NYB 1/4TT-NY



\$1.80

Nozzle Strainers

8079-PP 50m or 100m



\$1.35

Nozzle Checks

4193B-PP 50m or 100m



\$4.39

Standard Nozzle Caps

CP8027-NYB



\$1.32

Nozzle Body Adapters

4676-NYB-1/4



\$2.57

Nozzle Blanks

CP3942-BR

CP3942-SS

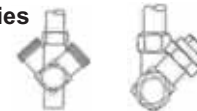


\$0.53

\$0.53

Swivel Nozzle Bodies

8600-1/4T-NYB



\$9.39

8600-2-1/4T-NYB

\$11.33

Standard Orifice Holders

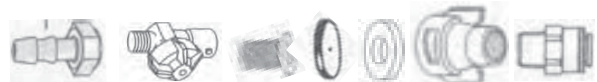


Part No.	Size	Price
STDOH38	3/8" HB x 3/8" HB	\$23.00
STDOH12	1/2" HB x 1/2" HB	\$23.00

QuickJet Orifice Holders



Part No.	Size	Price
QJOH14	1/4" HB x 1/4" HB	\$34.00
QJOH38	3/8" HB x 3/8" HB	\$34.00
QJOH12	1/2" HB x 1/2" HB	\$34.00



Part No.	Size	Price
QJOHSLIP14	1/4" Slip x 1/4" HB	\$36.00
QJOHSLIP38	1/4" Slip x 3/8" HB	\$36.00

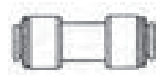
1-800-450-6666

John Guest Fittings

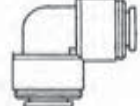
Male Connector

		Tube OD		MNPT	Price
	PI010821S	1/4"	x	1/8"	\$2.96
	PI010822S	1/4"	x	1/4"	\$3.40
	PI010823S	1/4"	x	3/8"	\$4.46
	PM010822S	5/16"	x	1/4"	\$3.42
	PM010823S	5/16"	x	3/8"	\$4.95
	PI011222S	3/8"	x	1/4"	\$4.84
	PI011223S	3/8"	x	3/8"	\$5.58
	PI011224S	3/8"	x	1/2"	\$8.69
	PI011623S	1/2"	x	3/8"	\$7.51
	PI011624S	1/2"	x	1/2"	\$8.09

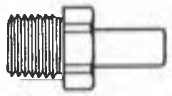
Union Connector

		Tube OD	Price
	PI0408S	1/4"	\$4.41
	PM0408S	5/16"	\$4.71
	PI0412S	3/8"	\$5.97
	PI0416S	1/2"	\$6.89

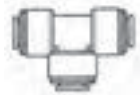
Union Elbow

		Tube OD	Price
	PI0308S	1/4"	\$5.00
	PM0308S	5/16"	\$5.79
	PI0312S	3/8"	\$7.51
	PI0316S	1/2"	\$8.95

Stem Adapter

		Stem OD		MNPT	Price
	PI050621S	3/16"	x	1/8"	\$1.51
	PI050821S	1/4"	x	1/8"	\$1.51
	PI050822S	1/4"	x	1/4"	\$1.51
	PI050823S	1/4"	x	3/8"	\$2.24
	PM050822S	5/16"	x	1/4"	\$1.51
	PM050823S	5/16"	x	3/8"	\$2.60
	PI051222S	3/8"	x	1/4"	\$1.90
	PI051223S	3/8"	x	3/8"	\$2.51
	PI051623S	1/2"	x	3/8"	\$4.10
	PI051624S	1/2"	x	1/2"	\$4.10

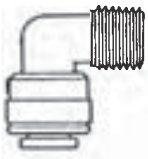
Union Tee

		Tube OD	Price
	PI0208S	1/4"	\$6.40
	PM0208S	5/16"	\$6.56
	PI0212S	3/8"	\$7.90
	PI0216S	1/2"	\$9.56

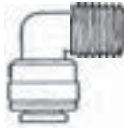
Plug

		Stem OD	Price
	PI0808S	1/4"	\$1.25
	PM0808S	5/16"	\$1.56
	PI0812S	3/8"	\$2.03
	PI0816S	1/2"	\$3.04

Swivel Elbow

		Tube OD		MNPT	Price
	PI090821S	1/4"	x	1/8"	\$7.17
	PI090822S	1/4"	x	1/4"	\$7.17
	PM090822S	5/16"	x	1/4"	\$9.55
	PM090823S	5/16"	x	3/8"	\$11.02
	PI091222S	3/8"	x	1/4"	\$10.07
	PI091223S	3/8"	x	3/8"	\$10.54
	PI091623S	1/2"	x	3/8"	\$13.56
	PI091624S	1/2"	x	1/2"	\$13.56

Fixed Elbow

		Tube OD		MNPT	Price
	PI480822S	1/4"	x	1/4"	\$5.00
	PI480823S	1/4"	x	3/8"	\$5.98
	PI481022S	5/16"	x	1/4"	\$5.82
	PI481023S	5/16"	x	3/8"	\$7.90
	PI481222S	3/8"	x	1/4"	\$7.51
	PI481223S	3/8"	x	3/8"	\$8.23

Female Connector

		Tube OD		FNPT	Price
	PI450822S	1/4"	x	1/4"	\$6.91
	PI451222S	3/8"	x	1/4"	\$7.93

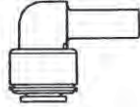
Reducing Union

		Tube OD		Tube OD	Price
	PI200806S	1/4"	x	3/16"	\$4.84
	PI201008S	5/16"	x	1/4"	\$4.84
	PI201208S	3/8"	x	1/4"	\$6.00
	PI201210S	3/8"	x	5/16"	\$6.07
	PI201608S	1/2"	x	1/4"	\$7.56
	PI201610S	1/2"	x	5/16"	\$7.86
	PI201612S	1/2"	x	3/8"	\$8.09

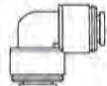
Tube to Hose Stem

		Stem x Hose	Price
	PI250808S	1/4 x 1/4	\$2.79
	PI250810S	1/4 x 5/16	\$2.58
	PI251008S	5/16 x 1/4	\$3.13
	PM250808S	5/16 x 5/16	\$3.13
	PI251012S	5/16 x 3/8	\$3.98
	PI251208S	3/8 x 1/4	\$4.10
	PI251210S	3/8x5/16	\$4.10
	PI251212S	3/8 x 3/8	\$4.41
	PI251216S	3/8 x 1/2	\$5.97
	PI251612S	1/2 x 3/8	\$4.77
	PI251616S	1/2 X 1/2	\$5.20
	PI290808S	1/4 x 1/4	\$3.77
	PI291008S	5/16 x 1/4	\$3.88
	PM290808S	5/16 x 5/16	\$4.44
	PI291208S	3/8 x 1/4	\$4.77
	PI291210S	3/8 x 5/16	\$5.57

Plug In Elbow

		Stem x Tube OD	Price
	PI220808S	1/4 x 1/4	\$4.50
	PM220808S	5/16 x 5/16	\$5.72
	PI221208S	3/8 x 1/4	\$6.04
	PI221210S	3/8 x 5/16	\$6.04
	PI221212S	3/8 x 3/8	\$7.68
	PI221616S	1/2 x 1/2	\$9.19

Reducing Elbow

		Tube OD	Price
	PI211008S	5/16 x 1/4	\$6.40
	PI211208S	3/8 x 1/4	\$8.35
	PI211210S	3/8 x 5/16	\$8.35
	PI211612S	1/2 x 3/8	\$9.85

John Guest Fittings

Reducer	Stem OD x Tube OD		Price
	PI061008S	5/16-1/4	\$4.23
	PI061208S	3/8-1/4	\$4.84
	PI061210S	3/8-5/16	\$5.00
	PI061612S	1/2-3/8	\$9.21

Bulkhead Union	Tube x Hole		Price
	PI1208S	1/4 x .67	\$8.42
	PM1208S	5/16 x .83	\$10.60
	PI1212S	3/8 x .83	\$10.96
	PI1216S	1/2 x 1.06	\$18.73

Enlarger	Stem OD x Tube OD		Price
	PI131012S	5/16-3/8	\$5.91
	PI131216S	3/8-1/2	\$6.00

End Stop	Tube OD		Price
	PI4608S	1/4	\$2.96
	PI4612S	3/8	\$3.67

Cross	Tube OD		Price
	PI4712S	3/8"	\$13.93

Check Valve	Tube OD		Price
	.03 PSI		
	1/4SCV	1/4"	\$24.74
	5/16SCV	5/16	\$24.76
	3/8SCV	3/8"	\$25.33
	5 PSI		
	NC2718	1/4	\$24.74

Three Way Splitter	Tube Inlet x Tube Outlet		Price
	PI491612S	1/2 x 3/8	\$18.30
	PI491212S-R	3/8x3/8	\$17.75
	PI491616S	1/2x1/2	\$19.48

Valves	Tube OD x MPT		Price
	PPSV010822W	1/4 x 1/4	\$13.31
	PPSV011223W	3/8 x 3/8	\$14.06

Two Way Divider	Tube OD		Price
	PI2308S	1/4"	\$7.14
	PM2308S	5/16	\$7.19
	PI2312S	3/8"	\$8.03
	PI2316S	1/2	\$13.66

	Tube OD		Price
	PPSV040808W	1/4	\$13.31
	PPSV041212W	3/8	\$14.06

Reducing divider	Inlet x outlet		Price
	PI241210S	3/8 x 5/16	\$7.62

	Tube OD x FPT		Price
	PPSV500822W	1/4"	\$14.67
	PPSV501222W	3/8"	\$15.31

Reducing Tee	Tube Ends x Tube Branch		Price
	PI301208S	3/8 x 1/4	\$10.19
	PI301612S	1/2 x 3/8	\$10.63

	Tube OD x FPT		Price
	PPSV451223W	3/8 x 3/8	\$19.32

Compression Fittings for 1/8" Tubing

1/8" OD Fittings		Price
1181	1/8" Male	\$4.19
1182	1/8" Union	\$6.07

Bulk Gauge Tubing

Part #	OD Tubing	Price
BGT18	1/8" OD Tubing	\$0.65
BGT14	1/4" OD Tubing	\$0.32
BGT38	3/8" OD Tubing	\$0.43
BGT12	1/2" OD Tubing	\$0.62

*Standard color is black. **Add** 15% for yellow/red.

REDBALL IS N/A

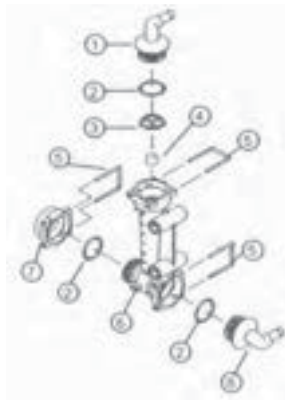
MANY ITEMS ARE STILL IN STOCK - PLEASE CALL FOR AVAILABILITY

MOST WILGER ITEMS ARE INTERCHANGEABLE



Part No.	Description	Price
3999-0001	4 Column Assembly 1/4"	\$120.00
3999-0002	4 Column Assembly 3/8"	\$120.00
3999-0008	4 Column Assembly 1/2"	\$120.00
3999-0038	3/8"Adder Assembly	\$45.88
3999-3438	3/8"Starter Assembly	\$48.82

Replacement Parts List



Ref.	Part No.	Description	Price
1	002133-P	1/4" Elbow Barb (4 Count)	\$17.65
	002134-P	3/8" Elbow Barb (4 Count)	\$12.36
	002135-P	1/2" Elbow Barb (4 Count)	\$17.06
2	002140-P	O-Ring EPDM (4 Count)	\$4.71
	002141-P	O-Ring Viton (4 Count)	\$16.47
3	002137-P	Float Stop (4 Count)	\$6.47
4	8165105-P	Ball, Red Glass (4 Count)	\$10.00
	8165101-P	Ball, Green Plastic (4 Count)	\$10.00
	8165102-P	Ball, Black Plastic (4 Count)	\$10.00
	8165100-P	Ball, Red Plastic (4 Count)	\$10.00
	014225-P	Ball, Yellow Plastic (4 Count)	\$12.94
	SS316-200-P	Ball, Stainless Steel (4 Count)	\$17.65
5	002037-P	U-Pin (4 Count)	\$18.82
6	002139	Column - Single	\$23.53
7	002138-P	Cap, Plug (4 Count)	\$15.29
8	002136-P	3/4" Elbow Barb, Inlet (4 Count)	\$21.18
N/S	20519	1/4" FPT Adapter	\$8.82
N/S	20525	Starter Tee 1" FPT	\$11.18
N/S	20526	Starter Tee 1" Flange	\$18.82

Flow Rate Chart for Modular Style Spray Monitors

FLOW TABLE FOR WATER					FLOW TABLE FOR LIQUID FERTILIZER		
	Green Plastic Balls GPM	Black Plastic Balls GPM	Red Plastic Balls GPM	Red Glass Balls GPM	Steel Balls GPM	Red Plastic Balls GPM	Red Glass Balls GPM
Level 7	0.34	0.47	0.51	0.91	2.30	0.19	0.84
Level 6	0.24	0.35	0.39	0.71	1.75	0.14	0.61
Level 5	0.18	0.27	0.29	0.56	1.11	0.10	0.45
Level 4	0.13	0.20	0.21	0.39	0.78	0.07	0.32
Level 3	0.08	0.13	0.14	0.27	0.54	0.04	0.19
Level 2	0.04	0.08	0.08	0.19	0.35	0.02	0.11
Level 1	0.02	0.03	0.03	0.11	0.27	0.01	0.05

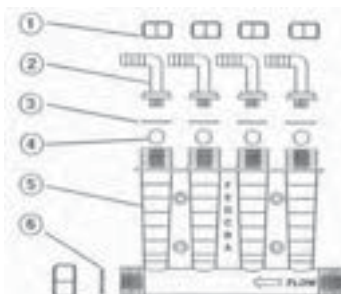


Part No.	Description	Price
3376-0001	4 Column Assembly 1/4"	\$120.00
3376-0002	4 Column Assembly 3/8"	\$120.00
3376-0008	4 Column Assembly 1/2"	\$120.00

For use with squeeze pump

3376-0004	4 Column Assembly 3/8"	\$127.06
3376-0005	4 Column Assembly 1/2"	\$127.06
3376-0006	2 Column Assembly 3/8"	\$83.53
3376-0007	2 Column Assembly 1/2"	\$83.53

Replacement Parts List



Ref.	Part No.	Description	Price
1	B35-M-P	Nut (4 Count)	\$16.47
2	C38-EL-P	Elbow 3/8" 90 deg.(4 Count)	\$16.25
	C12-EL-P	Elbow 1/2" 90 deg. (4 Count)	\$17.50
	C38-M-P	Straight 3/8" (4 Count)	\$37.65
	C12-M-P	Straight 1/2" (4 Count)	\$41.17
3	8165400-P	Washer EPDM (std) (4 Count)	\$5.29
	8165401-P	Washer Viton (opt) (4 Count)	\$18.82
4	8165105-P	Ball, Red Glass (4 Count)	\$10.00
	8165101-P	Ball, Green Plastic (4 Count)	\$10.00
	8165102-P	Ball, Black Plastic (4 Count)	\$10.00
	8165100-P	Ball, Red Plastic (4 Count)	\$10.00
	014225-P	Ball, Yellow Plastic (4 Count)	\$12.94
	SS316-200-P	Ball, Stainless Steel (4 Count)	\$17.65
6	8202100-P	Disk, Blank (4 Count)	\$5.29



Wilger Flow Indicators

Part #	Flow Indicator Assemblies	Price
20460-00	Standard Flow With Buna-N O-Ring	\$24.84
3438-04	4 Bank Flow Indicator 3/4" In x 3/8" Out	\$120.00

Part #	Flow Indicator Components	Price
20460-01	Body-Manifold-Standard Flow	\$15.87
20460-02	Ball Retainer	\$0.71
20460-04	Lock U-Clip, SS	\$1.72
20460-03	O-Ring-#212-Buna-N	\$0.32
20460-15	O-Ring-#212-Viton	\$2.15
20511-00	ORS x Hose Barb 90 Degree 3/8"	\$3.26
20512-00	ORS x Hose Barb-90 Degree 1/2"	\$3.26
20513-00	ORS x Hose Barb-90 Degree 3/4"	\$3.26

Ball Flow Chart		Flow Range			
Part Number	Ball	Standard		Low Flow	
		From	To	From	To
20460-13	Orange PP	0.05	0.18	0.03	0.09
20460-06	Green PP	0.05	0.18	0.03	0.09
20460-07	Red Celcon	0.09	0.30	0.05	0.14
20460-08	Maroon Glass	0.31	0.72	0.10	0.18
20460-05	1/2" SS	0.40	1.33	0.15	0.70
20460-10	7/16" SS	1.00	2.70	N/A	N/A



Part #	Flow Indicator Fittings	Price
20519-00	ORS x 1/4" NPTF	\$3.26
20525-00	ORS Male x ORS Male x 1" FPT - Tee	\$8.71
20521-00	ORS Cap	\$3.84
20535-00	ORS x 1/4" NPTF	\$4.88
20536-00	ORS x 3/8" NPTF	\$4.88
20537-00	ORS x 1/2" NPTF	\$4.88
20460-13	Ball, orange	\$0.83
20460-08	Ball, Green	\$0.83
20460-07	Ball, Red	\$0.83
20460-06	Ball, Maroon Glass	\$0.83
20460-05	Ball, 302 Stainless Steel	\$1.74



VisiGage II

Visual Flow Monitor System



Item #	Description	Part #	Price
1	Column Only Manifold	SMPT-0001	\$5.91
2	Flow Divider Type Column	SMPT-0002	\$6.42
3	3/8" Female NPT Adapter	SMPT-0003	\$2.11
	1/4" Push to connect elbow Adapter	SMPT-0051	\$8.17
	5/16" Push to connect elbow Adapter	SMPT-0052	\$8.68
	3/8" Push to connect elbow Adapter	SMPT-0053	\$8.89
4	1/2" Female NPT Adapter (Inlet)	SMPT-0004	\$2.14
5	O-Ring Viton	SMPT-0007	\$3.30
6	Retainer Ring	SMPT-0005	\$1.72
7	End Cap	SMPT-0008	\$1.45
8	Ball Green Plastic	SMPT-0016	\$1.79
	Ball Black Plastic	SMPT-0017	\$1.64
	Ball Blue Plastic	SMPT-0018	\$1.72
	Ball Blue Glass	SMPT-0019	\$3.12
	Ball Stainless Steel	SMPT-0020	\$3.53
	Set of Replacement Balls Per Column SMPT-0016 Thru SMPT-0020	SMPT-0013	\$11.01
9	Retainer Clip	SMPT-0006	\$1.79
10	Tee 1" Female NPT (With O-Rings)	SMPT-0014	\$11.46
11	Storage Units for Balls	SMPT-0009	\$12.81

Manifold Style

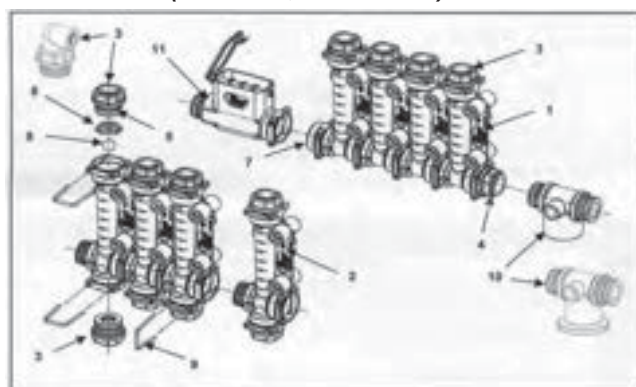
SMSS1	Single Column Monitor	\$36.81
SMSS4	4 Column Monitor	\$122.40

(3/8" Inlet, 1/2" Outlet)

Flow Divider Style

SMFD1	Single Column Monitor	\$33.08
SMFD4	4 Column Monitor	\$130.28

(3/8" Inlet, 3/8" Outlet)



FLOW RATE TABLE FOR WATER (IN GPM) (WATER = 8.34 LBS/GAL)					
LEVEL	GREEN PLASTIC BALL	BLACK PLASTIC BALL	BLUE PLASTIC BALL	BLUE GLASS BALL	STAINLESS STEEL BALL
7	0.30	0.51	0.60	1.20	3.35
6	0.20	0.37	0.50	0.86	2.75
5	0.15	0.27	0.34	0.55	1.90
4	0.11	0.21	0.24	0.40	1.40
3	0.08	0.14	0.18	0.35	0.92
2	0.04	0.10	0.13	0.25	0.50
1	0.02	0.06	0.09	0.17	0.36

Wilger Electronic Flow Monitoring System



Introducing a new Wilger product, along with new partnership for a row-by-row flow monitoring system. The Wilger electronic flowmeter (EFM) is a durable flow meter built for agricultural chemical & liquid applications. It is maintainable, has patent pending stabilizing jets for greater accuracy, and is able to tie into other OEM monitors and application systems. The EFM sensors are now available for an after-market installation system, which uses an android tablet in the cab to monitor the flow of up to 196 outlets, and allowing breakdown and monitoring of up to 3 products.

For a complete system, order:	
1 EFM ECU BASE KIT	20603-00
1x 16CH Node Kit per 16 runs of product.	20611-00
Manifold Outlets to plumb Sections/Runs (avail. in 1-4 Outlet)	20631-00 to 20634-00
4x quad-sensor cables per 1x 16CH node	20585-00
1x EFM sensor kit per product run/outlet	20580-00
*Harness Extensions etc, as required.	
Alternatively, 4CH nodes/harnessses can be used, but if you are using more tha 8 sensors, then it is more cost effective to use a 16CH node/harness and leave the unused ports capped, than use 3 4CH nodes	



Example Retrofit on top of a flow indicator



20580-00
(Shown W/ Sensor Cable)



20603-00 (ECU ONLY SHOWN)



CALL FOR PRICES

SafeGuard Console Complete Kit (Select sensors)

01999 SafeGuard Console Kit w/Amphenol

SafeGuard ISMod Complete Kit

(Select adapter cable and sensors)

02000 SafeGuard ISMod Kit w/Amphenol

SafeGuard Sensor Kits

1994 Liquid Blockage Sensor Kit
w/Short Leads - Amphenol
1995 Liquid Blockage Sensor Kit
w/Long Leads - Amphenol
1997 Fumigant Blockage Sensor Kit
w/Long Leads - Amphenol

SafeGuard ISMod Cables

19857 M/P 150 (Generic) Tap Cable w/power cable
18895 Ampseal (John Deere) Tap Cable
18896 Delphi MP630
(Great Plains/Dickey John) Tap Cable
18897 Delphi GT280 (Case) Tap Cable
18921 IBIC Breakaway Cable
19700 IBIC Breakaway Cable w/Power Connection
18944 Deutsch DTM Tap Cable (in-cab) Kit
with power cable
18945 Deutsch DT Tap Cable (in-cab) Kit
with power cable
18950 Deutsch DT Tap Cable (in-cab) Kit
with power adapter

Parts for SafeGuard Sensors

Part #	Description
18511	Cartridge, Green
18688	Cartridge, Orange
18687	Cartridge, Pink
18689	Cartridge, Yellow
18691	Cartridge, Blue
18692	Cartridge, Red
18693	Cartridge, Brown
18694	Cartridge, Grey
18695	Cartridge, White
18721	Sensor Mount Bracket
18510	U-Clip Stainless
18521	O-Ring, Viton
18963	O-Ring, Orifice plate retainer
18514	Cartridge Clip
18653	Sensor Spacer
18489	Plug, w/O-Ring
18515	Plug w/ 1/4" FPT & O/Ring
18516	Plug, 3/8" FPT & O-Ring
18517	Plug, 3/4" FPT & O-Ring
18622	Plug, 3/4" Stght Hose Barb
18623	Plug, 1" Stght Hose Barb
18624	Plug, 3/8" 90° Hose Barb
18625	Plug, 1/2" 90° Hose Barb
18626	Plug, 1/4" John Guest 90° Elbow
18670	Plug, 5/16" John Guest 90° Elbow
18627	Plug, 3/8" John Guest 90° Elbow
18488	Cap, No Threads W/ SS U-Clip
18524	Cap, 3/4" FPT W/ SS U-Clip
18620	Cap, 3/4" Straight Hose Barb & SS U-Clip
18621	Cap, 1" Straight Hose Barb & SS U-Clip
18493	Tee, O-Rings & SS U-Clips

Implement Switches

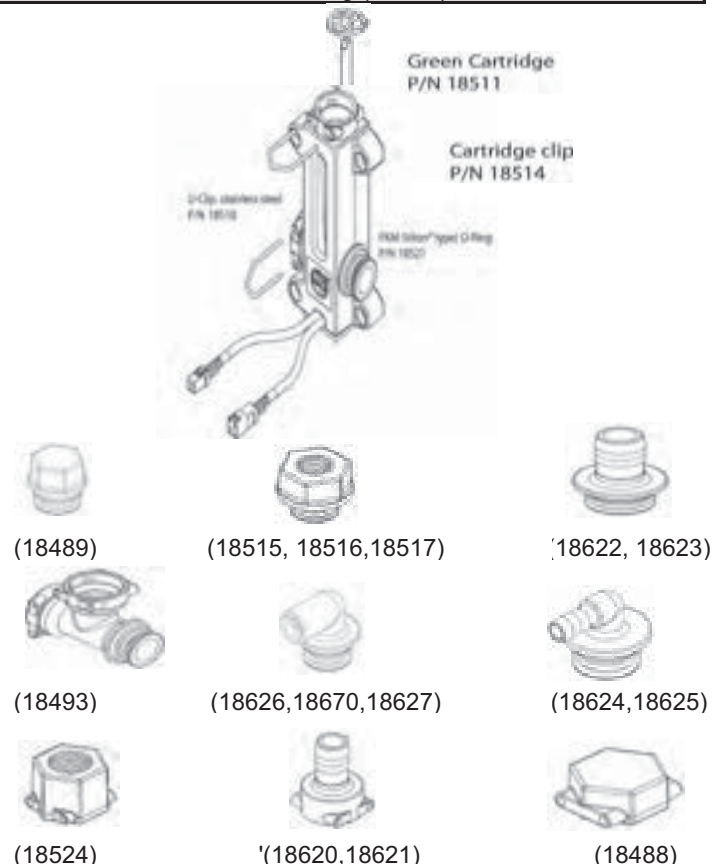
01998 SafeGuard Implement Whisker
Switch Kit w/Amphenol (use with console system)
18541 Implement Whisker Switch Kit
with magnetic mount.
19818 SafeGuard Network Switch
w/Amphenol Connectors

ISMod Extension Cables

19774 6-pin 5' M/P 150 ISMod
Extension Cable
19775 6-pin 10' M/P 150 ISMod
Extension Cable
19776 6-pin 20' M/P 150 ISMod.
Extension Cable
19777 6-pin 30' M/P 150 ISMod
Extension Cable
19778 6-pin 40' M/P 150 ISMod
Extension Cable

SafeGuard ISMod Cable Parts

18894 M/P 150 (Generic) Tap Cable
18955 M/P 150 (Generic) Power Cable
18967 Deutsch DT Terminator
Cable w/TBC Plug
18968 Deutsch DTM Terminator
Cable w/TBC Plug
18905 TBC Terminator Plug (Powell)



CALL FOR PRICES

Stainless Steel Tubes For Planters

To Fit John Deere Planters

45047SS	JD 1700 Series Max Emerge w/Central Commodity Hopper Also Fits JD XP Units
45493SS	JD 7000 & 7100 Series Max Emerge
45494SS	JD 7200 & 7300 Series Max Emerge
45188SS	JD 1700 Series Max Emerge w/ Ind. Seed Boxes Back Disc Also Fits JD XP Units
45189SS	JD 1700 Series Max Emerge w/ Ind. Seed Boxes Front Disc when Dry Fert. Is taken off - Also fits JD XP Units
50242SS	JD Max Emerge 5 Series - 2015 and newer

To Fit Case IH Planters

55574SS	CIH 800, 900, 950, 1200 Series Early Riser
45400SS	CIH 400 Cyclo Air Planter

Other styles of tubes available to fit other planters and drills

Call for pricing

To Fit White Planters

45184SS	White 8000 Series
64270SS	White 6000 Series
45499SS	White 5000 Series
45397SS	White Air Planter

To Fit Allis Chalmers Planters

45486SS	Allis Chalmers 78 Planter
45474SS	Allis Chalmers 385 Planter
45400SS	Allis Chalmers Air Planter

Misc. Planters

45493SS	Kinze 3000- 3700 Series Planter
44039SS	Buffalo Planters
45046SS	Great Plains 6030&8030 Planter

Totally Tubular

John Deere Planters		Net
TT-009	JD ExcatEmerge Planter	\$60.00
TT-007	JD MaxEmerge 5 Series	\$67.00
TT-006	1700 Series With XP Row Units	\$67.00
TT-002	1700, 7200,7300 Series (Non XP)	\$60.00
TT-002 OS	1700, 7200,7300 Series (Non XP with oversized mounting hole)	\$65.00
TT-001	7000, 7100, Series Planter	\$60.00
TT-001 OS	7000, 7100, Series (With oversized mounting hole)	\$65.00
TT-300	Nitrogen/Liquid Fertilizer Dual Tube System	\$60.00
Kinze Planters		
TT-401	4000 Series Planter	\$58.00
TT-301	3000 Series Planter	\$48.00
TT-001	2000 Series Planter	\$60.00
TT-001 OS	2000 Series Planter (with oversized mounting hole)	\$65.00
TT-501	5000 Series True Rate Planter	\$65.00
White Planters		
TT-200	8000 Series	\$75.00
TT-290	9000 Series	\$75.00
TT-300	Nitrogen/Liquid Fertilizer Dual Tube System (Will not fit 9000 series)	\$60.00
TT-390	9000 Series Closing Wheel Tube (Sold Single)	\$58.00
Case Planters		
TT-100	2011 Case and Older (Mounts in Granular Insecticide Tube)	\$30.00
TT-10012	2012 and Newer (Mounts in Granular Insecticide Tube)	\$33.00
TT-125	1200 Planter Applies Fertilizer below the seed	\$27.00
TT-300/CASE	Closing Wheel Tube for 1200 Series (Sold Single)	\$58.00
TT-321	2150 Planter Closing Wheel Tube (Sold Single)	\$38.00
Agco/Fendt/Massey Planters		
TT-296	Agco/Fendt/Massey	\$70.00



Available for Case 1250 Planters

Lepp Stainless Tube

Net
\$46.00

Mounts on the Case planter shoe to dribble liquid in-furrow.

Rebounder Seed Cover

Fits most JD, Kinze, White, Monosem, and Great Plains
Also available for Case planter with additional bracket

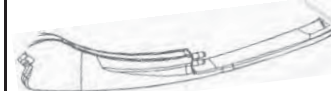
Part No.	Description	Net
STREB	Rebounder	\$46.00
Y-NOT	Y Splitter	\$15.00

ACCU-FURROW

Liquid placement tube holder. Tie Straps to the Seed Tube

Part No.	Description	Net
ACF100	Tube holder	\$24.00

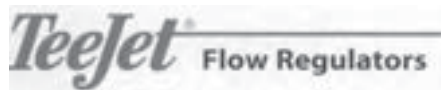
Keeton Seed Firmer



Part No.	Net
115011	\$50.00
Bracket Only	\$12.00
Tail Only	\$41.00



1-800-450-6666



Typical Assembly

To determine orifice plate needed. Use the following formula :

$$\text{GPM} = \frac{\text{GPA} \times \text{MPH} \times \text{W (Row Spacing)}}{5940}$$

To Select an orifice from the chart below :

- Decide application pressure.
- Refer to calculated GPM from the formula above.
- Select an orifice that has the correct GPM at the desired application PSI

For liquid fertilizer use 1.13 conversion.

Multiply GPM by the conversion factor to get the GPM to be used on the chart.



CP1322
1/4TT Body



5053
Strainer



CP4916
Orifice
Plate



CP1325
Cap

Conversion Chart

Weight of Solution	Specific Gravity	Conversion Factor
7.0 lbs./gal.	0.84	0.92
8.0 lbs./gal.	0.96	0.98
8.34 lbs./gal.	1.00 - water	1.00
9.0 lbs./gal.	1.08	1.04
10.0 lbs./gal.	1.20	1.10
10.65 lbs./gal.	1.28 - 28% nitrogen	1.13
11.00 lbs./gal.	1.32	1.15
12.0 lbs./gal.	1.44	1.20
14.0 lbs./gal.	1.68	1.30



Note: Always insert Orifice Plate with side marked with number facing the outlet.

MATERIAL: Stainless Steel

CP4916-
Orifice Plate Only

Price
\$3.48

	GPM						
	5 PSI	10 PSI	20 PSI	30 PSI	40 PSI	50 PSI	60 PSI
CP4916-008	0.003	0.004	0.006	0.007	0.008	0.009	0.010
CP4916-10	0.005	0.007	0.009	0.011	0.013	0.015	0.016
CP4916-12	0.007	0.010	0.013	0.016	0.019	0.021	0.023
CP4916-14	0.009	0.013	0.016	0.022	0.025	0.028	0.031
CP4916-15	0.010	0.015	0.021	0.025	0.029	0.032	0.036
CP4916-16	0.012	0.017	0.023	0.029	0.033	0.037	0.040
CP4916-18	0.015	0.021	0.030	0.036	0.042	0.047	0.051
CP4916-20	0.018	0.026	0.037	0.045	0.052	0.058	0.064
CP4916-22	0.022	0.031	0.043	0.053	0.061	0.068	0.075
CP4916-24	0.026	0.037	0.052	0.064	0.074	0.083	0.091
CP4916-25	0.028	0.040	0.056	0.068	0.079	0.088	0.097
CP4916-26	0.030	0.043	0.061	0.074	0.086	0.096	0.105
CP4916-27	0.032	0.046	0.064	0.079	0.091	0.102	0.111
CP4916-28	0.035	0.049	0.069	0.085	0.098	0.110	0.120
CP4916-29	0.038	0.054	0.076	0.094	0.108	0.121	0.132
CP4916-30	0.040	0.057	0.081	0.099	0.114	0.127	0.140
CP4916-31	0.043	0.062	0.087	0.107	0.123	0.138	0.151
CP4916-32	0.048	0.068	0.095	0.117	0.135	0.151	0.165
CP4916-34	0.052	0.074	0.104	0.127	0.147	0.164	0.180
CP4916-35	0.056	0.079	0.111	0.136	0.157	0.176	0.192
CP4916-37	0.061	0.086	0.122	0.149	0.172	0.192	0.211
CP4916-39	0.068	0.096	0.135	0.165	0.191	0.214	0.234
CP4916-40	0.072	0.102	0.144	0.177	0.204	0.228	0.250
CP4916-41	0.075	0.106	0.149	0.183	0.211	0.236	0.258
CP4916-43	0.082	0.116	0.163	0.200	0.231	0.258	0.283
CP4916-45	0.088	0.125	0.177	0.217	0.250	0.280	0.306
CP4916-46	0.095	0.135	0.191	0.234	0.270	0.302	0.331

	GPM						
	5 PSI	10 PSI	20 PSI	30 PSI	40 PSI	50 PSI	60 PSI
CP4916-47	0.097	0.138	0.194	0.238	0.275	0.307	0.337
CP4916-48	0.101	0.143	0.202	0.248	0.286	0.320	0.350
CP4916-49	0.104	0.148	0.209	0.255	0.295	0.330	0.361
CP4916-51	0.116	0.165	0.233	0.285	0.329	0.368	0.403
CP4916-52	0.118	0.168	0.237	0.290	0.335	0.375	0.410
CP4916-54	0.127	0.180	0.255	0.312	0.360	0.402	0.441
CP4916-55	0.133	0.189	0.267	0.326	0.377	0.421	0.462
CP4916-57	0.141	0.200	0.283	0.346	0.400	0.447	0.490
CP4916-59	0.153	0.217	0.306	0.375	0.433	0.484	0.530
CP4916-61	0.165	0.233	0.330	0.404	0.466	0.521	0.571
CP4916-63	0.174	0.246	0.347	0.425	0.491	0.549	0.601
CP4916-65	0.185	0.261	0.369	0.452	0.522	0.584	0.639
CP4916-67	0.196	0.278	0.392	0.481	0.555	0.621	0.680
CP4916-68	0.203	0.287	0.405	0.496	0.573	0.641	0.702
CP4916-70	0.216	0.306	0.433	0.530	0.612	0.684	0.750
CP4916-72	0.226	0.320	0.453	0.554	0.640	0.716	0.784
CP4916-73	0.233	0.330	0.467	0.572	0.660	0.738	0.808
CP4916-75	0.245	0.347	0.491	0.601	0.694	0.776	0.850
CP4916-78	0.272	0.385	0.544	0.667	0.770	0.861	0.943
CP4916-80	0.280	0.397	0.561	0.687	0.793	0.887	0.973
CP4916-81	0.290	0.411	0.581	0.711	0.821	0.918	1.01
CP4916-83	0.317	0.449	0.634	0.777	0.897	1.00	1.10
CP4916-86	0.332	0.470	0.664	0.813	0.939	1.05	1.15
CP4916-89	0.346	0.490	0.693	0.849	0.980	1.10	1.20
CP4916-91	0.369	0.523	0.739	0.905	1.05	1.17	1.28
CP4916-93	0.387	0.547	0.774	0.947	1.09	1.22	1.34
CP4916-95	0.404	0.572	0.808	0.990	1.14	1.28	1.40

	GPM						
	5 PSI	10 PSI	20 PSI	30 PSI	40 PSI	50 PSI	60 PSI
CP4916-98	0.442	0.625	0.884	1.08	1.25	1.40	1.53
CP4916-103	0.461	0.653	0.923	1.13	1.31	1.46	1.60
CP4916-107	0.518	0.733	1.04	1.27	1.47	1.64	1.79
CP4916-110	0.548	0.775	1.10	1.34	1.55	1.73	1.90
CP4916-115	0.605	0.855	1.21	1.48	1.71	1.91	2.09
CP4916-120	0.629	0.890	1.26	1.54	1.78	1.99	2.18
CP4916-125	0.693	0.980	1.39	1.70	1.96	2.19	2.40
CP4916-128	0.721	1.02	1.44	1.77	2.04	2.28	2.50
CP4916-132	0.774	1.10	1.55	1.90	2.19	2.45	2.68
CP4916-136	0.840	1.19	1.68	2.06	2.38	2.66	2.91
CP4916-140	0.894	1.27	1.79	2.19	2.53	2.83	3.10
CP4916-144	0.926	1.31	1.85	2.27	2.62	2.93	3.21
CP4916-147	0.953	1.35	1.91	2.33	2.70	3.01	3.30
CP4916-151	1.04	1.47	2.08	2.55	2.94	3.29	3.60
CP4916-156	1.10	1.55	2.20	2.69	3.11	3.47	3.80
CP4916-161	1.15	1.63	2.31	2.83	3.27	3.65	4.00
CP4916-166	1.21	1.72	2.43	2.97	3.43	3.84	4.20
CP4916-170	1.30	1.84	2.61	3.19	3.69	4.12	4.51
CP4916-172	1.36	1.92	2.73	3.32	3.84	4.29	4.70
CP4916-177	1.41	2.00	2.83	3.46	4.00	4.47	4.90
CP4916-182	1.47	2.08	2.95	3.61	4.17	4.66	5.10
CP4916-187	1.56	2.21	3.12	3.82	4.41	4.93	5.40
CP4916-196	1.73	2.45	3.46	4.24	4.90	5.47	6.00
CP4916-205	1.88	2.65	3.75	4.59	5.31	5.93	6.50
CP4916-218	2.11	2.98	4.21	5.16	5.96	6.66	7.30
CP4916-234	2.45	3.47	4.93	6.01	6.94	7.76	8.50
CP4916-250	2.83	4.00	5.66	6.93	8.00	8.94	9.80

Universal Application Rate Chart for 15" Spacing

TIP CAPACITY	LIQUID PRESSURE IN PSI	CAPACITY 1 NOZZLE IN GPM	CAPACITY 1 NOZZLE IN OZ./MIN.	GALLONS PER ACRE - 15' NOZZLE SPACING											
				4 MPH	5 MPH	6 MPH	7 MPH	8 MPH	10 MPH	12 MPH	14 MPH	16 MPH	18 MPH	20 MPH	22 MPH
01 ORANGE	15	0.061	7.8	6.0	4.8	4.0	3.5	3.0	2.4	2.0	1.7	1.5	1.3	1.2	1.1
	20	0.071	9.1	7.0	5.6	4.7	4.0	3.5	2.8	2.3	2.0	1.8	1.6	1.4	1.3
	30	0.087	11	8.6	6.9	5.7	4.9	4.3	3.4	2.9	2.5	2.2	1.9	1.7	1.6
	40	0.10	13	9.9	7.9	6.6	5.7	5.0	4.0	3.3	2.8	2.5	2.2	2.0	1.8
	50	0.11	14	10.9	8.7	7.3	6.2	5.4	4.4	3.6	3.1	2.7	2.4	2.2	2.0
	60	0.12	15	11.9	9.5	7.9	6.8	5.9	4.8	4.0	3.4	3.0	2.6	2.4	2.2
	75	0.14	18	13.9	11.1	9.2	7.9	6.9	5.5	4.6	4.0	3.5	3.1	2.8	2.5
015 GREEN	90	0.15	19	14.9	11.9	9.9	8.5	7.4	5.9	5.0	4.2	3.7	3.3	3.0	2.7
	15	0.092	12	9.3	7.3	6.1	5.2	4.6	3.6	3.0	2.6	2.3	2.0	1.8	1.7
	20	0.11	14	10.9	8.7	7.3	6.2	5.4	4.4	3.6	3.1	2.7	2.4	2.2	2.0
	30	0.13	17	12.9	10.3	8.6	7.4	6.4	5.1	4.3	3.7	3.2	2.9	2.6	2.3
	40	0.15	19	14.9	11.9	9.9	8.5	7.4	5.9	5.0	4.2	3.7	3.3	3.0	2.7
	50	0.17	22	16.8	13.5	11.2	9.6	8.4	6.7	5.6	4.8	4.2	3.7	3.4	3.1
	60	0.18	23	17.8	14.3	11.9	10.2	8.9	7.1	5.9	5.1	4.5	4.0	3.6	3.2
02 YELLOW	75	0.21	27	21	16.6	13.9	11.9	10.4	8.3	6.9	5.9	5.2	4.6	4.2	3.8
	90	0.23	29	23	18.2	15.2	13.0	11.4	9.1	7.6	6.5	5.7	5.1	4.6	4.1
	15	0.12	15	11.9	9.5	7.9	6.8	5.9	4.8	4.0	3.4	3.0	2.6	2.4	2.2
	20	0.14	18	13.9	11.1	9.2	7.9	6.9	5.5	4.6	4.0	3.5	3.1	2.8	2.5
	30	0.17	22	16.8	13.5	11.2	9.6	8.4	6.7	5.6	4.8	4.2	3.7	3.4	3.1
	40	0.20	26	19.8	15.8	13.2	11.3	9.9	7.9	6.6	5.7	5.0	4.4	4.0	3.6
	50	0.22	28	22	17.4	14.5	12.4	10.9	8.7	7.3	6.2	5.4	4.8	4.4	4.0
025 PURPLE	60	0.24	31	24	19.0	15.8	13.6	11.9	9.5	7.9	6.8	5.9	5.1	4.5	4.1
	75	0.27	35	27	21	17.8	15.3	13.4	10.7	8.9	7.6	6.7	5.9	5.3	4.9
	90	0.30	38	30	24	19.8	17.0	14.9	11.9	9.9	8.5	7.4	6.6	5.9	5.4
	15	0.15	19	14.9	11.9	9.9	8.5	7.4	5.9	5.0	4.2	3.7	3.3	3.0	2.7
	20	0.18	23	17.8	14.3	11.9	10.2	8.9	7.1	5.9	5.1	4.5	4.0	3.6	3.2
	30	0.22	28	22	17.4	14.5	12.4	10.9	8.7	7.3	6.2	5.4	4.8	4.4	4.0
	40	0.25	32	25	19.8	16.5	14.1	12.4	9.9	8.3	7.1	6.2	5.5	5.0	4.5
03 BLUE	50	0.28	36	28	22	18.5	15.8	13.9	11.1	9.2	7.9	6.9	6.2	5.5	5.0
	60	0.31	40	31	25	20	17.5	15.3	12.3	10.2	8.8	7.7	6.8	6.1	5.6
	75	0.34	44	34	27	22	19.2	16.8	13.5	11.2	9.6	8.4	7.5	6.7	6.1
	90	0.38	49	38	30	25	21	18.8	15.0	12.5	10.7	9.4	8.4	7.5	6.8
	15	0.18	23	17.8	14.3	11.9	10.2	8.9	7.1	5.9	5.1	4.5	4.0	3.6	3.2
	20	0.21	27	21	16.6	13.9	11.9	10.4	8.3	6.9	5.9	5.2	4.6	4.2	3.8
	30	0.26	33	26	21	17.2	14.7	12.9	10.3	8.6	7.4	6.4	5.7	5.1	4.7
04 RED	40	0.30	38	30	24	19.8	17.0	14.9	11.9	9.9	8.5	7.4	6.6	5.9	5.4
	50	0.34	44	34	27	22	19.2	16.8	13.5	11.2	9.6	8.4	7.5	6.7	6.1
	60	0.37	47	37	29	24	21	18.3	14.7	12.2	10.5	9.2	8.1	7.3	6.7
	75	0.41	52	41	32	27	23	20	16.2	13.5	11.6	10.1	9.0	8.1	7.4
	90	0.45	58	45	36	30	25	22	17.8	14.9	12.7	11.1	9.9	8.9	8.1
	15	0.24	31	24	19.0	15.8	13.6	11.9	9.5	7.9	6.8	5.9	5.3	4.8	4.3
	20	0.28	36	28	22	18.5	15.8	13.9	11.1	9.2	7.9	6.9	6.2	5.5	5.0
05 BROWN	30	0.35	45	35	28	23	19.8	17.3	13.8	11.6	9.9	8.7	7.7	6.9	6.3
	40	0.40	51	40	32	26	23	19.8	15.8	13.2	11.3	9.9	8.8	7.9	7.2
	50	0.45	58	45	36	30	25	22	17.8	14.9	12.7	11.1	9.9	8.9	8.1
	60	0.49	63	49	39	32	28	24	19.4	16.2	13.9	12.1	10.8	9.7	8.8
	75	0.55	70	54	44	36	31	27	22	18.2	15.6	13.6	12.1	10.9	9.9
	90	0.60	77	59	48	40	34	30	24	19.8	17.0	14.9	13.2	11.9	10.8
	15	0.31	40	31	25	20	17.5	15.3	12.3	10.2	8.8	7.7	6.8	6.1	5.6
06 GRAY	20	0.35	45	35	28	23	19.8	17.3	13.9	11.6	9.9	8.7	7.7	6.9	6.3
	30	0.43	55	43	34	28	24	21	17.0	14.2	12.2	10.6	9.5	8.5	7.7
	40	0.50	64	50	40	33	28	25	19.8	16.5	14.1	12.4	11.0	9.9	9.0
	50	0.56	72	55	44	37	32	28	22	18.5	15.8	13.9	12.3	11.1	10.1
	60	0.61	78	60	48	40	35	30	24	20	17.3	15.1	13.4	12.1	11.0
	75	0.68	87	67	54	45	38	34	27	22	19.2	16.8	15.0	13.5	12.2
	90	0.75	96	74	59	50	42	37	30	25	21	18.0	16.5	14.9	13.5
08 WHITE	15	0.37	47	37	29	24	21	18.3	14.7	12.2	10.5	9.2	8.1	7.3	6.7
	20	0.42	54	42	33	28	24	21	16.6	13.9	11.9	10.4	9.2	8.3	7.6
	30	0.52	67	51	41	34	29	26	21	17.2	14.7	12.9	11.4	10.3	9.4
	40	0.60	77	59	48	40	34	30	24	19.8	17.0	14.9	13.2	11.9	10.8
	50	0.67	86	66	53	44	38	33	27	22	19.0	16.6	14.7	13.3	12.1
	60	0.73	95	72	58	48	41	36	29	24	21	18.1	16.1	14.5	13.1
	75	0.82	105	81	65	54	46	41	32	27	23	20	18.0	16.2	14.8
10 LIGHT	90	0.90	115	89	71	55	51	45	36	30	25	22	19.8	17.8	16.2
	15	0.49	63	49	39	32	28	24	19.4	16.2	13.9	12.1	10.8	9.7	8.8
	20	0.57	73	56	45	38	32	28	23	18.8	16.1	14.1	12.5	11.3	10.3
	30	0.69	88	68	55	46	39	34	27	23	19.5	17.3	15.2	13.7	12.4
	40	0.80	102	79	63	51	45	40	32	26	23	19.8	17.6	15.8	14.4
	50	0.89	114	88	70	59	50	44	35	29	25	22	19.6	17.6	16.0
	60	0.98	125	97	78	65	55	49	39	32	28	24	22	19.4	17.6
15 LIGHT GREEN	75	1.10	141	109	87	73	62	54	44	36	31	27	24	22	19.8
	90	1.20	154	122	95	79	68	59	48	40	34	30	26	24	22
	15	0.61	78	60	48	40	35	30	24	20	17.3	15.1	13.4	12.1	11.0
	20	0.71	91	70	56	47	40	35	28	23	20	17.8	15.6	14.1	12.8
	30	0.87	111	86	68	57	49	43	34	29	25	22	19.3	17.2	15.7
	40	1.00	128	99	79	66	57	50	40	33	28	25	22	19.8	18.0
	50	1.12	143	111	89	74	63	55	44	37	32	28	25	22	20
20 BLACK	60	1.22	156	121	97	81	69	60	48	40	35	30	27	24	22
	75	1.37	175	136	109	90	78	68	54	45	39	34	30	27	25
	90	1.50	192	149	119	99	85	74	59	50	42	37	33	30	27
	15	0.92	118	91	73	61	52	46	36	30	26	23	20	18.2	16.6
	20	1.06	136	105	84	70	60	52	42	35	30	26	23	21	19.1
	30	1.30	166	129	103	86	74	64	51	43	37	32	29	26	23
	40	1.50	192	149	119	99	85	74	59	50	42	37	33	30	27
25 BLACK	50	1.68	215	166	133	111	95	83	67	55	48	42	37	33	30
	60	1.84	236	182	146	121	104	91	73	61	53	46	40	36	33
	75	2.05	262	203	162	135	116	101	81	68	58	51	45	41	37
	90	2.25	288	223	178	149	127	111	89	74	64	56	50	45	41
	15	1.22	156	121	97	81	69	60	48	40					

Universal Application Rate Chart for 20" Spacing

TIP CAPACITY	LIQUID PRESSURE (IN PSI)	CAPACITY 1 NOZZLE (IN GPM)	CAPACITY 1 NOZZLE (IN OZ./MIN.)	GALLONS PER ACRE - 20" NOZZLE SPACING											
				4 MPH	5 MPH	6 MPH	7 MPH	8 MPH	10 MPH	12 MPH	14 MPH	16 MPH	18 MPH	20 MPH	22 MPH
01 ORANGE	15	0.061	7.8	4.3	3.6	3.0	2.6	2.3	1.8	1.5	1.3	1.1	1.0	0.91	0.82
	20	0.071	9.1	5.3	4.2	3.5	3.0	2.6	2.1	1.8	1.5	1.3	1.2	1.1	0.96
	30	0.087	11	6.5	5.2	4.3	3.7	3.2	2.6	2.2	1.8	1.6	1.4	1.3	1.2
	40	0.10	13	7.4	5.9	5.0	4.2	3.7	3.0	2.5	2.1	1.9	1.7	1.5	1.4
	50	0.11	14	8.2	6.5	5.4	4.7	4.1	3.3	2.7	2.3	2.0	1.8	1.6	1.5
	60	0.12	15	8.9	7.1	5.9	5.1	4.5	3.6	3.0	2.5	2.2	2.0	1.8	1.6
	75	0.14	18	10.4	8.3	6.9	5.9	5.2	4.2	3.5	3.0	2.6	2.3	2.1	1.9
	90	0.15	19	11.1	8.9	7.4	6.4	5.6	4.5	3.7	3.2	2.8	2.5	2.2	2.0
015 GREEN	15	0.090	12	6.8	5.5	4.6	3.9	3.4	2.7	2.3	2.0	1.7	1.5	1.4	1.2
	20	0.11	14	8.2	6.5	5.4	4.7	4.1	3.3	2.7	2.3	2.0	1.8	1.6	1.5
	30	0.13	17	9.7	7.7	6.4	5.5	4.8	3.9	3.2	2.8	2.4	2.1	1.9	1.8
	40	0.15	19	11.1	8.9	7.4	6.4	5.6	4.5	3.7	3.2	2.8	2.5	2.2	2.0
	50	0.17	22	12.6	10.1	8.4	7.2	6.3	5.0	4.2	3.6	3.2	2.8	2.5	2.3
	60	0.18	23	13.4	10.7	8.9	7.6	6.7	5.3	4.5	3.8	3.3	3.0	2.7	2.4
	75	0.21	27	15.6	12.5	10.4	8.9	7.8	6.2	5.2	4.5	3.9	3.5	3.1	2.8
	90	0.23	29	17.1	13.7	11.4	9.8	8.5	6.8	5.7	4.9	4.3	3.8	3.4	3.1
02 YELLOW	15	0.12	15	8.9	7.1	5.9	5.1	4.5	3.6	3.0	2.5	2.2	2.0	1.8	1.6
	20	0.14	18	10.4	8.3	6.9	5.9	5.2	4.2	3.5	3.0	2.6	2.3	2.1	1.9
	30	0.17	22	12.6	10.1	8.4	7.2	6.3	5.0	4.2	3.6	3.2	2.8	2.5	2.3
	40	0.20	26	14.9	11.9	9.9	8.5	7.4	5.9	5.0	4.2	3.7	3.3	3.0	2.7
	50	0.22	28	16.3	13.1	10.9	9.3	8.2	6.5	5.4	4.7	4.1	3.6	3.3	3.0
	60	0.24	31	17.8	14.3	11.9	10.2	8.9	7.1	5.9	5.1	4.5	4.0	3.6	3.2
	75	0.27	35	20	16.0	13.4	11.5	10.0	8.0	6.7	5.7	5.0	4.5	4.0	3.6
	90	0.30	38	22	17.8	14.9	12.7	11.1	8.9	7.4	6.4	5.6	5.0	4.5	4.1
025 PURPLE	15	0.15	19	11.1	8.9	7.4	6.4	5.6	4.5	3.7	3.2	2.8	2.5	2.2	2.0
	20	0.18	23	13.4	10.7	8.9	7.6	6.7	5.3	4.5	3.8	3.3	3.0	2.7	2.4
	30	0.22	28	16.3	13.1	10.9	9.3	8.2	6.5	5.4	4.7	4.1	3.6	3.3	3.0
	40	0.25	32	18.6	14.9	12.4	10.6	9.3	7.4	6.2	5.3	4.6	4.1	3.7	3.4
	50	0.28	36	21	16.6	13.9	11.9	10.4	8.3	6.9	5.9	5.2	4.6	4.2	3.8
	60	0.31	40	23	18.4	15.3	13.2	11.5	9.2	7.7	6.6	5.8	5.1	4.6	4.2
	75	0.34	44	25	20	16.8	14.4	12.6	10.1	8.4	7.2	6.3	5.6	5.0	4.6
	90	0.38	49	28	23	18.8	16.1	14.1	11.3	9.4	8.1	7.1	6.3	5.6	5.1
03 BLUE	15	0.18	23	13.4	10.7	8.9	7.6	6.7	5.3	4.5	3.8	3.3	3.0	2.7	2.4
	20	0.21	27	15.6	12.5	10.4	8.9	7.8	6.2	5.2	4.5	3.9	3.5	3.1	2.8
	30	0.26	33	19.3	15.4	12.9	11.0	9.7	7.7	6.4	5.5	4.8	4.3	3.9	3.5
	40	0.30	38	22	17.8	14.9	12.7	11.1	8.9	7.4	6.4	5.6	5.0	4.5	4.1
	50	0.34	44	25	20	16.8	14.4	12.6	10.1	8.4	7.2	6.3	5.6	5.0	4.6
	60	0.37	47	27	22	18.3	15.7	13.7	11.0	9.2	7.8	6.9	6.1	5.5	5.0
	75	0.45	52	30	24	20	17.4	15.2	12.2	10.1	8.7	7.6	6.8	6.1	5.5
	90	0.45	58	33	27	22	19.1	16.7	13.4	11.1	9.5	8.4	7.4	6.7	6.1
04 RED	15	0.24	31	17.8	14.3	11.9	10.2	8.9	7.1	5.9	5.1	4.5	4.0	3.6	3.2
	20	0.28	36	21	16.6	13.9	11.9	10.4	8.3	6.9	5.9	5.2	4.6	4.2	3.8
	30	0.35	45	26	21	17.3	14.9	13.0	10.4	8.7	7.4	6.5	5.8	5.2	4.7
	40	0.40	51	30	24	19.8	17.0	14.9	11.9	9.9	8.5	7.4	6.6	5.9	5.4
	50	0.45	58	33	27	22	19.1	16.7	13.4	11.1	9.5	8.4	7.4	6.7	6.1
	60	0.49	63	36	29	24	21	18.2	14.6	12.1	10.4	9.1	8.1	7.3	6.6
	75	0.55	70	41	33	27	23	20	16.3	13.6	11.2	10.2	9.1	8.2	7.4
	90	0.60	77	45	36	30	25	22	17.8	14.9	12.7	11.1	9.9	8.9	8.1
05 BROWN	15	0.31	40	23	18.4	15.3	13.2	11.5	9.2	7.7	6.6	5.8	5.1	4.6	4.2
	20	0.35	45	26	21	17.3	14.9	13.0	10.4	8.7	7.4	6.5	5.8	5.2	4.7
	30	0.43	55	32	26	21	18.2	16.0	12.8	10.6	9.1	8.0	7.1	6.4	5.8
	40	0.50	64	37	30	25	21	18.6	14.9	12.4	10.6	9.3	8.3	7.4	6.8
	50	0.56	72	42	33	28	24	21	16.6	13.9	11.9	10.4	9.2	8.3	7.6
	60	0.61	78	45	36	30	26	23	18.1	15.1	12.9	11.3	10.1	9.1	8.2
	75	0.68	87	50	40	34	29	25	20	16.8	14.4	12.6	11.2	10.1	9.2
	90	0.75	96	56	45	37	32	28	22	18.6	15.9	13.9	12.4	11.1	10.1
06 GRAY	15	0.37	47	27	22	18.3	15.7	13.7	11.0	9.2	7.8	6.9	6.1	5.5	5.0
	20	0.42	54	31	25	21	17.8	15.5	12.5	10.4	8.9	7.8	6.9	6.2	5.7
	30	0.52	67	39	31	26	22	19.3	15.4	12.9	11.0	9.7	8.6	7.7	7.0
	40	0.60	77	45	36	30	25	22	17.8	14.9	12.7	11.1	9.9	8.9	8.1
	50	0.67	86	50	40	33	28	25	19.9	16.6	14.2	12.4	11.1	9.9	9.0
	60	0.73	93	54	43	36	31	27	22	18.1	15.5	13.6	12.0	10.8	9.9
	75	0.82	105	61	49	41	35	30	24	20	17.4	15.2	13.5	12.2	11.1
	90	0.90	115	67	53	45	38	33	27	22	18.1	16.7	14.9	13.4	12.2
08 WHITE	15	0.49	63	36	29	24	21	18.2	14.6	12.1	10.4	9.1	8.1	7.3	6.6
	20	0.57	73	42	34	28	24	21	16.9	14.1	12.1	10.6	9.4	8.5	7.7
	30	0.69	88	51	41	34	29	26	20	17.1	14.6	12.8	11.4	10.2	9.3
	40	0.80	102	59	48	40	34	30	24	19.8	17.0	14.9	13.2	11.9	10.8
	50	0.89	114	66	53	44	38	33	26	22	18.9	16.5	14.7	13.2	12.0
	60	0.98	125	73	58	49	42	36	29	24	21	18.2	16.3	14.6	13.2
	75	1.10	141	82	65	54	47	41	33	27	23	20	18.2	16.3	14.9
	90	1.20	154	89	71	59	51	45	36	30	25	22	19.8	17.8	16.2
10 L. BLUE	15	0.61	78	45	36	30	26	23	18.1	15.1	12.9	11.3	10.1	9.1	8.2
	20	0.71	91	53	42	35	30	26	21	17.6	15.1	13.2	11.7	10.5	9.6
	30	0.87	111	65	52	43	37	32	26	22	18.5	16.3	14.4	12.9	11.7
	40	1.00	128	74	59	50	42	37	30	25	21	18.6	16.5	14.9	13.5
	50	1.12	143	83	67	55	48	42	33	28	24	21	18.5	16.6	15.1
	60	1.22	156	91	72	60	52	45	36	30	26	23	20	18.1	16.5
	75	1.37	175	102	81	68	58	51	41	34	29	25	23	20	18.5
	90	1.50	192	111	89	74	64	56	45	37	32	28	25	22	20
15 L. GREEN	15	0.92	118	68	55	46	39	34	27	23	19.5	17.1	15.2	13.7	12.4
	20	1.06	136	79	63	52	45	39	31	26	22	19.7	17.5	15.7	14.3
	30	1.30	166	97	77	64	55	48	39	32	28	24	21	18.3	17.6
	40	1.50	192	111	89	74	64	56	45	37	32	28	25	22	20
	50	1.68	215	125	100	83	71	62	50	42	36	31	28	25	23
	60	1.84	236	137	109	91	78	68	55	46	39	34	30	27	25
	75	2.05	262	152	122	101	87	76	61	51	43	38	34		

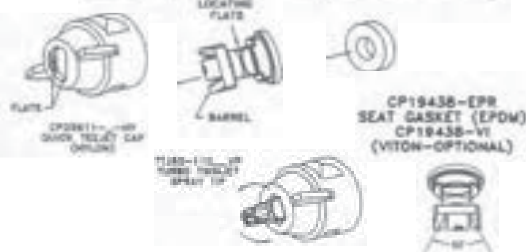
Turbo TwinJet

POLYMER FLAT SPRAY TIP WITH **VistFlo** COLOR CODING

Tip Color VistFlo	Tip No. Strainer Screen Size	Liquid Pressure (PSI)	Drop Size Classi- fication	Capacity 1 Nozzle (GPM)	Capacity 1 Nozzle (oz/min)	Gallons Per Acre 20" Spacing				Gallons Per Acre 30" Spacing			
						5 mph	6 mph	7 mph	8 mph	5 mph	6 mph	7 mph	8 mph
						5 mph	6 mph	7 mph	8 mph	5 mph	6 mph	7 mph	8 mph
YELLOW	TTJ60-1102VP (100 Mesh)	20	C	0.14	18	8.3	8.8	9.5	10.2	5.5	4.8	4.0	3.5
		30	C	0.17	22	10.1	10.8	11.5	12.3	6.7	5.8	4.8	4.2
		40	C	0.20	26	11.9	12.7	13.5	14.4	7.9	6.8	5.7	5.0
		50	M	0.22	28	13.1	13.9	14.8	15.7	8.7	7.5	6.2	5.4
		60	M	0.24	31	14.3	15.1	16.0	16.9	9.5	8.2	6.8	5.9
VIOLET	TTJ60-11025VP (100 Mesh)	20	VC	0.18	23	10.7	11.5	12.3	13.1	5.9	5.1	4.3	3.8
		30	C	0.22	28	13.1	13.9	14.8	15.7	7.3	6.2	5.1	4.4
		40	C	0.25	32	14.8	15.7	16.6	17.5	8.8	7.5	6.2	5.4
		50	C	0.28	36	16.6	17.5	18.4	19.3	10.1	8.7	7.3	6.4
		60	C	0.31	40	18.4	19.3	20.2	21.1	11.3	9.8	8.2	7.2
BLUE	TTJ60-11053VP (100 Mesh)	20	VC	0.21	27	12.5	13.3	14.1	15.0	6.8	5.9	5.0	4.4
		30	C	0.26	33	15.4	16.2	17.0	17.9	8.8	7.5	6.4	5.5
		40	C	0.30	38	17.8	18.7	19.6	20.5	10.1	8.7	7.5	6.5
		50	C	0.34	44	20.2	21.1	22.0	22.9	11.3	9.8	8.2	7.2
		60	C	0.37	47	22.0	22.9	23.8	24.7	12.5	10.9	9.2	8.0
RED	TTJ60-11064VP (50 Mesh)	20	VC	0.28	36	16.6	17.5	18.4	19.3	10.1	8.7	7.3	6.4
		30	C	0.35	44	20.2	21.1	22.0	22.9	11.3	9.8	8.2	7.2
		40	C	0.40	51	23.4	24.3	25.2	26.1	13.1	11.3	9.5	8.2
		50	C	0.45	58	26.7	27.6	28.5	29.4	15.0	12.9	10.9	9.5
		60	C	0.49	63	29.4	30.3	31.2	32.1	16.6	14.4	12.1	10.6
BROWN	TTJ60-11005VP (50 Mesh)	20	VC	0.35	43	21.1	22.0	22.9	23.8	12.5	10.9	9.2	8.0
		30	C	0.43	50	24.3	25.2	26.1	27.0	14.2	12.2	10.2	8.8
		40	C	0.50	57	27.6	28.5	29.4	30.3	16.6	14.4	12.1	10.6
		50	C	0.56	64	30.3	31.2	32.1	33.0	18.4	15.8	13.2	11.5
		60	C	0.61	70	33.0	33.9	34.8	35.7	20.2	17.3	14.4	12.5
GRAY	TTJ60-11006VP (50 Mesh)	20	VC	0.42	54	25.2	26.1	27.0	27.9	13.9	11.9	10.0	8.7
		30	VC	0.52	67	31.2	32.1	33.0	33.9	17.3	14.7	12.3	10.6
		40	C	0.60	77	36.0	36.9	37.8	38.7	19.8	17.0	14.4	12.5
		50	C	0.67	86	40.0	40.9	41.8	42.7	22.0	18.8	15.8	13.8
		60	C	0.73	93	43.0	43.9	44.8	45.7	24.0	20.2	16.8	14.6

INDUCTION BASED ON SPRAYING WATER AT 72° F.

SPRAY ANGLE	OPTIMUM SPRAY HEIGHT	
	20" SPACING	30" SPACING
110°*	20"	30"



FEATURES:

- TIP PRODUCES DUAL, TAPERED EDGE, WIDE ANGLE, FLAT SPRAY PATTERN FOR UNIFORM COVERAGE IN BROADCAST SPRAYING.
- DUAL ANGLED SPRAY PATTERNS HELP TO PENETRATE THE CROP CANOPY AND PROVIDE THOROUGH LEAF COVERAGE.
- LARGE, FREE PASSAGES TO MINIMIZE CLOGGING.
- ALL ACETAL CONSTRUCTION FOR EXCELLENT CHEMICAL AND WEAR RESISTANCE.
- LARGER DROPLET SIZE FOR IMPROVED DRIFT CONTROL.
- AUTOMATIC SPRAY ALIGNMENT WITH 25612--WTR QUICK TEEJET CAP & GASKET.
- TO INSTALL -- ALIGN TIP BARRER WITH CAP FLATS AND PRESS IN UNTIL TIP BOTTOMS OUT. ROTATE TIP 90° UNTIL TIP FLATS ARE PARALLEL WITH CAP FLATS. PRESS TIP UNTIL IT BOTTOMS OUT AGAIN.
- SUGGESTED SPRAY PRESSURE RANGE: 20-80 PSI.

TYPICAL APPLICATIONS:

- BEST FOR PRE-EMERGE SURFACE APPLIED HERBICIDES - MINIMUM SPRAY PRESSURE OF 15 PSI.
- BEST FOR POST-EMERGE CONTACT HERBICIDES - TYPICAL PRESSURES OF 40 PSI AND HIGHER.
- EXCELLENT FOR FUNGICIDE APPLICATION.

Price

\$8.68 TTJ60-110_VP

TIP COLOR	TIP NO. Strainer Screen Size	Liquid Pressure in PSI	Capacity 1 Nozzle in GPM	Capacity 1 Nozzle in oz./min.	GALLON PER ACRE 20" SPACING				GALLON PER ACRE 30" SPACING			
					5 MPH	6 MPH	7 MPH	8 MPH	5 MPH	6 MPH	7 MPH	8 MPH
					5 MPH	6 MPH	7 MPH	8 MPH	5 MPH	6 MPH	7 MPH	8 MPH
Green	TTI110015VP (100 MESH)	15	0.09	12	5.3	4.5	3.8	3.3	3.6	3.0	2.5	2.2
		20	0.11	14	6.5	5.4	4.7	4.1	4.4	3.6	3.1	2.7
		30	0.13	17	7.7	6.4	5.5	4.8	5.1	4.3	3.7	3.2
		40	0.15	19	8.9	7.4	6.4	5.6	5.9	5.0	4.2	3.7
		50	0.17	22	10.1	8.4	7.2	6.3	6.7	5.6	4.8	4.2
Yellow	TTI11002VP (50 MESH)	15	0.12	15	7.1	5.9	5.1	4.5	4.8	4.0	3.4	3.0
		20	0.14	18	8.3	6.9	5.9	5.2	5.5	4.6	4.0	3.5
		30	0.17	22	10.1	8.4	7.2	6.3	6.7	5.6	4.8	4.2
		40	0.20	26	11.9	9.9	8.5	7.4	7.9	6.6	5.7	5.0
		50	0.22	28	13.1	10.9	9.3	8.2	8.7	7.3	6.2	5.4
Violet	TTI110025VP (50 Mesh)	15	0.15	19	8.9	7.4	6.4	5.6	5.9	5.0	4.2	3.7
		20	0.18	23	10.7	8.9	7.6	6.7	7.1	5.9	5.1	4.5
		30	0.22	28	13.1	10.9	9.3	8.2	8.7	7.3	6.2	5.4
		40	0.25	32	14.9	12.4	10.6	9.3	9.9	8.3	7.1	6.2
		50	0.28	36	16.6	13.9	11.9	10.4	11.1	9.2	7.9	6.9
Blue	TTI11003VP (50 MESH)	15	0.18	23	10.7	8.9	7.6	6.7	7.1	5.9	5.1	4.5
		20	0.21	27	12.5	10.4	8.9	7.8	8.3	6.9	5.9	5.2
		30	0.26	33	15.4	12.9	11.0	9.7	10.3	8.6	7.4	6.4
		40	0.30	38	17.8	14.9	12.7	11.1	11.9	9.9	8.5	7.4
		50	0.34	44	20.2	16.8	14.4	12.6	13.5	11.2	9.6	8.4
Red	TTI11004VP (50 MESH)	15	0.24	31	14.3	11.9	10.2	8.9	9.5	7.9	6.8	5.9
		20	0.28	36	16.6	13.9	11.9	10.4	11.1	9.2	7.9	6.9
		30	0.35	45	20.8	17.3	14.9	13.0	13.9	11.6	9.9	8.7
		40	0.40	51	23.8	19.8	17.0	14.9	15.8	13.2	11.3	9.9
		50	0.45	58	26.7	22.3	19.1	16.7	17.6	14.9	12.7	11.1
Brown	TTI11005VP (50 MESH)	15	0.31	40	18.4	15.3	13.2	11.5	12.3	10.2	8.8	7.7
		20	0.35	45	20.8	17.3	14.9	13.0	13.9	11.6	9.9	8.7
		30	0.43	55	25.5	21.3	18.2	16.0	17.0	14.2	12.2	10.6
		40	0.50	64	29.7	24.8	21.2	18.6	19.8	16.5	14.1	12.4
		50	0.56	72	33.3	27.7	23.8	20.8	22.2	18.5	15.8	13.9

Turbo TeeJet Induction Nozzle



The TTI is the latest in a long line of drift control nozzles that assist the operator in the safe, effective application of plant protein chemicals. TTI nozzles utilize a unique pre-orifice to inject air into the droplets.

Based on the patented outlet orifice design of the original Turbo TeeJet with polymer construction and other critical features and adds the benefit of venturi air-induction.

Nozzles are color-coded and will fit into the CP25597 Quick TeeJet Cap.

TTI Features

- All acetal construction for excellent chemical and wear resistance.
- Compact size to prevent tip damage.
- Removable pre-orifice for fast and easy clean.
- Large, round passages to minimize plugging.
- Tapered flat spray pattern.
- Patented orifice design.
- Large droplets are produced through a venturi air aspirator resulting in less drift.
- Wider operating pressure range: 15-100 PSI (2-7 bar).
- Fits into CP25597 Quick TeeJet® cap (sold separately).

Price

TTI110015VP - TTI11006VP **\$12.38**

TTI11008VP-TTI11010-VP **\$14.48**

Caps For High Capacity TTI Spray Tips

CP114501--*-CE Cap Only **\$1.57**

114502--*-CELR Cap & Gasket **\$2.18**

XR TeeJet® Extended Range Flat Spray Tips

Typical Applications:

BEST: Pre-Emerge Surface Applied Herbicides — At medium pressures (20-30 psi) produces medium size droplets for good surface coverage in applications such as minimum tillage.



BEST: Post-Emerge Systemic Herbicides — At lower pressures (15-20 psi) helps to control drift.

GOOD: Post-Emerge Contact Herbicides — At higher pressures (30-60 psi) produces smaller droplets for better coverage. Wide angle 110° tips produce smaller droplets than 80° tips at equal pressures. Pre-Plant Incorporated Herbicides — At lower spraying pressures (15-20 psi) produces larger spray droplets and reduces drift.

Features:

- Excellent spray distribution over a wide range of pressures (15-60 psi).
- Ideal for rigs equipped with sprayer controllers.
- Reduces drift at lower pressures, better coverage at higher pressures.
- Available in stainless steel and hardened stainless steel 80° and 110° spray angles... with VisiFlo color coding.

Price

XR Stainless Steel/Celcon

XR-VS \$7.68

Polymer (110 deg. Only)

XR-VP \$3.48

Tip Color	Tip No. (Strainer Screen Size)		Liquid Pressure in psi	Capacity 1 Nozzle in GPM	Capacity 1 Nozzle in oz./min.	Gallons Per Acre 20" Spacing				Gallons Per Acre 30" Spacing			
	80° Series	110° Series				5 mph	6 mph	7 mph	8 mph	5 mph	6 mph	7 mph	8 mph
ORANGE	XR8001 (100 Mesh)	XR11001 (100 Mesh)	15	.06	8	3.6	3.0	2.6	2.3	2.4	2.0	1.7	1.5
			20	.07	9	4.2	3.5	3.0	2.6	2.6	2.3	2.0	1.8
			30	.09	11	5.1	4.3	3.7	3.2	3.4	2.9	2.5	2.1
			40	.10	13	5.9	5.0	4.2	3.7	4.0	3.3	2.8	2.3
GREEN	XR8001S (100 Mesh)	XR11001S (100 Mesh)	60	.12	15	7.3	6.1	5.2	4.6	4.9	4.0	3.5	3.0
			15	.09	12	5.5	4.5	3.9	3.4	3.6	3.0	2.6	2.3
			20	.11	14	6.3	5.3	4.5	3.9	4.2	3.5	3.0	2.6
			30	.13	17	7.7	6.4	5.5	4.8	5.1	4.3	3.7	3.2
YELLOW	XR8002 (50 Mesh)	XR11002 (50 Mesh)	40	.15	19	8.9	7.4	6.4	5.6	5.9	5.0	4.2	3.7
			60	.18	23	10.9	9.1	7.8	6.8	7.3	6.1	5.2	4.6
			15	.12	15	7.3	6.1	5.2	4.5	4.8	4.0	3.5	3.0
			20	.14	18	8.4	7.0	6.0	5.3	5.6	4.7	4.0	3.5
BLUE	XR8003 (50 Mesh)	XR11003 (50 Mesh)	30	.17	22	10.3	8.6	7.4	6.4	6.9	5.7	4.9	4.3
			40	.20	26	11.9	9.9	8.5	7.4	7.9	6.6	5.7	5.0
			60	.25	32	14.6	12.1	10.4	9.1	9.7	8.1	6.9	6.1
			15	.18	23	10.9	9.1	7.8	6.8	7.3	6.1	5.2	4.5
RED	XR8004 (50 Mesh)	XR11004 (50 Mesh)	20	.21	27	12.6	10.5	9.0	7.9	8.4	7.0	6.0	5.3
			30	.26	33	15.4	12.9	11.0	9.7	10.3	8.6	7.4	6.4
			40	.30	38	17.8	14.9	12.7	11.1	11.9	9.9	8.5	7.4
			60	.37	47	22	18.2	15.6	13.6	14.6	12.1	10.4	9.1
BROWN	XR8005 (50 Mesh)	XR11005 (50 Mesh)	15	.24	31	14.5	12.1	10.4	9.1	9.7	8.1	6.9	6.1
			20	.28	36	16.8	14.0	12.0	10.5	11.2	9.3	8.0	7.0
			30	.35	45	21	17.2	14.7	12.9	13.7	11.4	9.8	8.6
			40	.40	51	24	19.8	17.0	14.9	15.8	13.2	11.3	9.9
GRAY	XR8006 (50 Mesh)	XR11006 (50 Mesh)	60	.49	63	29	24	21	18.2	19.4	16.2	13.9	12.1
			15	.31	40	18.2	15.2	13.0	11.4	12.1	10.1	8.7	7.6
			20	.35	45	21	17.5	15.0	13.1	14.0	11.7	10.0	8.8
			30	.43	55	26	21	18.4	16.1	17.2	14.3	12.3	10.7
WHITE	XR8008 (50 Mesh)	XR11008 (50 Mesh)	40	.50	64	30	25	21	18.6	19.8	16.5	14.1	12.4
			60	.61	78	36	30	25	22	24	20	17.3	15.2
			15	.49	63	29	24	21	18.2	19.4	16.2	13.9	12.1
			20	.57	73	34	28	24	21	22	18.7	16.0	14.0
	XR8010SS	XR11010SS	30	.69	88	41	34	29	25	27	23	19.6	17.2
			40	.85	102	48	40	34	30	32	26	23	19.8
			60	.98	125	58	49	42	36	39	32	26	24
			15	.61	78	36	30	26	23	24	20	17.3	15.2
	XR8013SS	XR11013SS	20	.71	91	42	35	30	26	28	23	20	17.5
			30	.87	111	51	43	37	32	34	29	25	21
			40	1.00	128	58	50	42	37	40	33	28	25
			60	1.23	157	73	61	52	45	49	40	35	30
			15	.92	118	55	45	39	34	36	30	26	23
			20	1.06	136	63	53	45	39	42	35	30	26
			30	1.30	166	77	64	55	48	51	43	37	32
			40	1.56	192	89	74	64	56	59	50	42	37
			60	1.84	236	109	91	78	68	73	61	52	45

TeeJet®

VisiFlo® Flat Spray Tips

Typical Applications:

GOOD: Pre-Emerge Surface Applied Herbicides — Use a minimum spray pressure of 30 psi for uniform spray distribution. This provides medium size droplets for good soil coverage.



GOOD: Post-Emerge Contact Herbicides — For application of contact herbicides use of 40 psi and higher to provide good canopy penetration and small droplets for better foliar coverage.

Features:

- Tapered edge flat spray pattern for uniform coverage in broadcast spraying.
- VisiFlo color-coded version available in stainless steel, hardened stainless steel and ceramic in 80° or 110° spray angles in selected sizes.
- Standard version (not color-coded) available in brass, stainless steel, or hardened stainless steel in a wide variety of capacities with 85°, 80°, 110° spray angles. 25° spray tip also available.

Tip Color	Tip No. (Strainer Screen Size)		Liquid Pressure in psi	Capacity 1 Nozzle in GPM	Capacity 1 Nozzle in oz./min.	Gallons Per Acre 20" Spacing				Gallons Per Acre 30" Spacing			
	80° Series	110° Series				5 mph	6 mph	7 mph	8 mph	5 MPH	6 MPH	7 MPH	8 MPH
ORANGE	8001VS (100 Mesh)	11001VS (100 Mesh)	30	.09	11	5.1	4.3	3.7	3.2	3.4	2.9	2.5	2.1
			35	.09	12	5.4	4.6	4.0	3.5	3.7	3.1	2.6	2.2
			40	.10	13	5.9	5.0	4.2	3.7	4.0	3.3	2.8	2.4
			45	.11	14	6.3	5.3	4.5	3.9	4.2	3.5	3.0	2.6
GREEN	8001SVS (100 Mesh)	11001SVS (100 Mesh)	60	.12	15	7.3	6.1	5.2	4.6	4.9	4.0	3.5	3.0
			30	.13	17	7.7	6.4	5.5	4.8	5.1	4.3	3.7	3.2
			35	.14	18	8.3	6.9	6.0	5.2	5.6	4.6	4.0	3.5
			40	.15	19	8.9	7.4	6.4	5.6	5.9	5.0	4.2	3.7
YELLOW	8002VS (50 Mesh)	11002VS (50 Mesh)	45	.16	20	9.5	7.9	6.8	5.9	6.3	5.3	4.5	3.9
			60	.18	23	10.9	9.1	7.8	6.8	7.3	6.1	5.2	4.6
			30	.17	22	10.3	8.6	7.4	6.4	6.9	5.7	4.9	4.3
			35	.18	24	11.1	9.3	7.9	6.9	7.4	6.2	5.3	4.6
BLUE	8003VS (50 Mesh)	11003VS (50 Mesh)	40	.20	26	11.9	9.9	8.5	7.4	7.9	6.6	5.7	5.0
			45	.21	27	12.6	10.5	9.0	7.9	8.4	7.0	6.0	5.3
			60	.25	32	14.6	12.1	10.4	9.1	9.7	8.1	6.9	6.1
			30	.26	33	15.4	12.9	11.0	9.7	10.3	8.6	7.4	6.4
RED	8004VS (50 Mesh)	11004VS (50 Mesh)	35	.28	36	16.7	13.9	11.9	10.4	11.1	9.3	7.9	6.9
			40	.30	38	17.8	14.9	12.7	11.1	11.9	9.9	8.5	7.4
			45	.32	41	18.9	15.8	13.5	11.8	12.6	10.5	9.0	7.9
			60	.37	47	22	18.2	15.6	13.6	14.6	12.1	10.4	9.1
BROWN	8005VS (50 Mesh)	11005VS (50 Mesh)	30	.35	45	21	17.2	14.7	12.9	13.7	11.4	9.8	8.6
			35	.37	47	22	18.5	15.9	13.9	14.8	12.3	10.6	9.3
			40	.40	51	24	19.8	17.0	14.9	15.8	13.2	11.3	9.9
			45	.42	54	25	21	18.6	15.8	16.8	14.0	12.0	10.5
GRAY	8006VS (50 Mesh)	11006VS (50 Mesh)	60	.49	63	29	24	21	18.2	19.4	16.2	13.9	12.1
			30	.43	55	26	21	18.4	16.1	17.2	14.3	12.3	10.7
			35	.47	60	28	23	19.8	17.4	18.5	15.4	13.2	11.6
			40	.50	64	30	25	21	18.6	19.8	16.5	14.1	12.4
WHITE	8008VS (50 Mesh)	11008VS (50 Mesh)	45	.53	68	32	26	23	19.7	21	17.5	15.0	13.1
			60	.61	78	36	30	25	22	24	20	17.3	15.2
			30	.52	67	31	26	22	19.3	21	17.2	14.7	12.9
			35	.56	72	33	28	24	21	22	18.5	15.9	13.9
			40	.60	77	36	30	25	22	24	19.8	17.0	14.9
			45	.64	82	38	32	27	24	25	21	18.0	15.8
			60	.74	95	44	36	31	27	29	24	21	18.2
			30	.69	88	41	34	29	26	27	23	19.6	17.2
			35	.75	96	44	37	32	28	30	25	21	18.5
			40	.80	102	48	40	34	30	32	26	23	19.8
			45	.85	109	50	42	36	32	34	28	24	21
			60	.98	125	58	49	42	38	39	32	28	24

Turbo TeeJet Flat Spray Tips



Typical Applications:

EXCELLENT: Pre-emerge surface applied herbicides- minimum spray pressure of 15 psi.

GOOD: Post-emerge contact herbicides- typical pressures of 40 psi and higher.

*Automatic spray alignment with CP256T1-*NY Quick TeeJet Cap.



Suggested Minimum Spray Height

Nozzle Spacing	Spray Height
20"	15-18"
30"	20-22"

TT110__-VP

Polymer (110deg. Only)

Price

\$7.24

TABULATION BASED ON SPRAYING WATER AT 70° F.

TIP COLOR VISIFLO	TIP No. STRAINER SCREEN SIZE	LIQUID PRESSURE (PSI)	CAPACITY 1 NOZZLE (GPM)	CAPACITY 1 NOZZLE (oz./min)	GALLONS PER ACRE 20 INCH SPACING				GALLONS PER ACRE 30 INCH SPACING				DROPLET SIZE CLASSI- FICATION
					5 MPH	6 MPH	7 MPH	8 MPH	5 MPH	6 MPH	7 MPH	8 MPH	
ORANGE	TT11001-VP (100 MESH)	15	0.061	7.8	3.6	3.0	2.6	2.3	2.4	2.0	1.7	1.5	C
		20	0.071	9.1	4.2	3.5	3.0	2.6	2.8	2.3	2.0	1.8	M
		30	0.087	11	5.2	4.3	3.7	3.2	3.4	2.9	2.5	2.2	M
		40	0.10	13	5.9	5.0	4.2	3.7	4.0	3.3	2.8	2.5	M
		50	0.11	14	6.5	5.4	4.7	4.1	4.4	3.6	3.1	2.7	F
		60	0.12	15	7.1	5.9	5.1	4.5	4.8	4.0	3.4	3.0	F
		75	0.14	18	8.3	6.9	5.9	5.2	5.5	4.6	4.0	3.5	F
GREEN	TT110015-VP (100 MESH)	15	0.092	12	5.5	4.6	3.9	3.4	3.6	3.0	2.6	2.3	C
		20	0.11	14	6.5	5.4	4.7	4.1	4.4	3.6	3.1	2.7	C
		30	0.13	17	7.7	6.4	5.5	4.8	5.1	4.3	3.7	3.2	M
		40	0.15	19	8.9	7.4	6.4	5.6	5.9	5.0	4.2	3.7	M
		50	0.17	22	10.1	8.4	7.2	6.3	6.7	5.6	4.8	4.2	M
		60	0.18	23	10.7	8.9	7.6	6.7	7.1	5.9	5.1	4.5	M
		75	0.21	27	12.5	10.4	8.9	7.8	8.3	6.9	5.9	5.2	F
YELLOW	TT11002-VP (50 MESH)	15	0.12	15	7.1	5.9	5.1	4.5	4.8	4.0	3.4	3.0	C
		20	0.14	18	8.3	6.9	5.9	5.2	5.5	4.6	4.0	3.5	C
		30	0.17	22	10.1	8.4	7.2	6.3	6.7	5.6	4.8	4.2	M
		40	0.20	26	11.9	9.9	8.5	7.4	7.9	6.6	5.7	5.0	M
		50	0.22	28	13.1	10.9	9.3	8.2	8.7	7.3	6.2	5.4	M
		60	0.24	31	14.3	11.9	10.2	8.9	9.5	7.9	6.8	5.9	M
		75	0.27	35	16.0	13.4	11.5	10.0	10.7	8.9	7.6	6.7	M
VIOLET	TT110025-VP (50 MESH)	15	0.15	19	8.9	7.4	6.4	5.6	5.9	5.0	4.2	3.7	VC
		20	0.18	23	10.7	8.9	7.6	6.7	7.1	5.9	5.1	4.5	C
		30	0.22	28	13.1	10.9	9.3	8.2	8.7	7.3	6.2	5.4	C
		40	0.25	32	14.9	12.4	10.6	9.3	9.9	8.3	7.1	6.2	M
		50	0.28	36	16.6	13.9	11.9	10.4	11.1	9.2	7.9	6.9	M
		60	0.31	40	18.4	15.3	13.2	11.5	12.3	10.2	8.8	7.7	M
		75	0.34	44	20	16.8	14.5	12.6	13.5	11.2	9.6	8.4	M
BLUE	TT11003-VP (50 MESH)	15	0.18	23	10.7	8.9	7.6	6.7	7.1	5.9	5.1	4.5	VC
		20	0.21	27	12.5	10.4	8.9	7.8	8.3	6.9	5.9	5.2	VC
		30	0.26	33	15.4	12.9	11.0	9.7	10.3	8.6	7.4	6.4	C
		40	0.30	38	17.8	14.9	12.7	11.1	11.9	9.9	8.5	7.4	C
		50	0.34	44	20	16.8	14.4	12.6	13.5	11.2	9.6	8.4	M
		60	0.37	47	22	18.3	15.7	13.7	14.7	12.2	10.5	9.2	M
		75	0.41	52	24	20	17.4	15.2	16.2	13.5	11.6	10.1	M
RED	TT11004-VP (50 MESH)	15	0.24	31	14.3	11.9	10.2	8.9	9.5	7.9	6.8	5.9	XC
		20	0.28	36	16.6	13.9	11.9	10.4	11.1	9.2	7.9	6.9	VC
		30	0.35	45	21	17.3	14.9	13.0	13.9	11.6	9.9	8.7	C
		40	0.40	51	24	19.8	17.0	14.9	15.8	13.2	11.3	9.9	C
		50	0.45	58	27	22	19.1	16.7	17.8	14.9	12.7	11.1	C
		60	0.49	63	29	24	21	18.2	19.4	16.2	13.9	12.1	C
		75	0.55	70	33	27	23	20	22	18.2	15.6	13.6	M
BROWN	TT11005-VP (50 MESH)	15	0.31	40	18.4	15.3	13.2	11.5	12.3	10.2	8.8	7.7	XC
		20	0.35	45	21	17.3	14.9	13.0	13.9	11.6	9.9	8.7	VC
		30	0.43	55	26	21	18.2	16.0	17.0	14.2	12.2	10.6	VC
		40	0.50	64	30	25	21	18.6	19.8	16.5	14.1	12.4	C
		50	0.56	72	33	28	24	21	22	18.5	15.8	13.9	C
		60	0.61	78	36	30	26	23	24	20	17.3	15.1	C
		75	0.68	87	40	34	29	25	27	22	19.2	16.8	C
GRAY	TT11006-VP (50 MESH)	15	0.37	47	22	18.3	15.7	13.7	14.7	12.2	10.5	9.2	XC
		20	0.42	54	25	21	17.8	15.6	16.6	13.9	11.9	10.4	XC
		30	0.52	67	31	26	22	19.3	21	17.2	14.7	12.9	VC
		40	0.60	77	36	30	25	22	24	19.8	17.0	14.9	C
		50	0.67	86	40	33	28	25	27	22	19.0	16.6	C
		60	0.73	93	43	36	31	27	29	24	21	18.1	C
		75	0.82	105	49	41	35	30	32	27	23	20	C
WHITE	TT11008-VP (50 MESH)	15	0.49	63	29	24	21	18.2	19.4	16.2	13.9	12.1	XC
		20	0.57	73	34	28	24	21	23	18.8	16.1	14.1	XC
		30	0.69	88	41	34	29	26	27	23	19.5	17.1	VC
		40	0.80	102	48	40	34	30	32	26	23	19.8	VC
		50	0.89	114	53	44	38	33	35	29	25	22	C
		60	0.98	125	58	49	42	36	39	32	28	24	C
		75	1.10	141	65	54	47	41	44	36	31	27	C

TIP COLOR	TIP No. STRAINER SCREEN SIZE	LIQUID PRESSURE (psi)	CAPACITY 1 NOZZLE (GPM)	CAPACITY 1 NOZZLE (oz/min)	GALLONS PER ACRE 20 INCH SPACING								Drop Size Classification 110"
					5 mph	6 mph	7 mph	8 mph	9 mph	10 mph	12 mph	14 mph	
GREEN	AI80015VS AI110015-VS (100 MESH)	40	0.15	19.2	8.9	7.4	6.4	5.6	5.0	4.5	3.7	3.2	XC
		50	0.17	21.8	10.1	8.4	7.2	6.3	5.6	5.0	4.2	3.6	XC
		60	0.18	23.0	10.7	8.9	7.6	6.7	5.9	5.3	4.5	3.8	VC
		80	0.21	26.9	12.5	10.4	8.9	7.8	6.9	6.2	5.2	4.5	VC
		100	0.24	30.7	14.3	11.9	10.2	8.9	7.9	7.1	5.9	5.1	C
YELLOW	AI8002VS AI11002-VS (50 MESH)	40	0.20	25.6	11.9	9.9	8.5	7.4	6.6	5.9	5.0	4.2	XC
		50	0.22	28.2	13.1	10.9	9.3	8.2	7.3	6.5	5.4	4.7	XC
		60	0.24	30.7	14.3	11.9	10.2	8.9	7.9	7.1	5.9	5.1	VC
		80	0.28	35.8	16.6	13.9	11.9	10.4	9.2	8.3	6.9	5.9	VC
		100	0.32	41.0	19.0	15.8	13.6	11.9	10.6	9.5	7.9	6.8	C
VIOLET	AI80025VS AI110025-VS (50 MESH)	40	0.25	32.0	14.9	12.4	10.6	9.3	8.3	7.4	6.2	5.3	XC
		50	0.28	35.8	16.6	13.9	11.9	10.4	9.2	8.3	6.9	5.9	XC
		60	0.31	39.7	18.4	15.3	13.2	11.5	10.2	9.2	7.7	6.6	XC
		80	0.35	44.8	21	17.3	14.9	13.0	11.6	10.4	8.7	7.4	VC
		100	0.40	51.2	24	19.8	17.0	14.9	13.2	11.9	9.9	8.5	C
BLUE	AI8003VS AI11003-VS (50 MESH)	40	0.30	38.4	17.8	14.9	12.7	11.1	9.9	8.9	7.4	6.4	XC
		50	0.34	43.5	20	16.8	14.4	12.6	11.2	10.1	8.4	7.2	XC
		60	0.37	47.4	22	18.3	15.7	13.7	12.2	11.0	9.2	7.8	XC
		80	0.42	53.8	25	21	17.8	15.6	13.9	12.5	10.4	8.9	VC
		100	0.47	60.2	28	23	19.9	17.4	15.5	14.0	11.6	10.0	C
RED	AI8004VS AI11004-VS (50 MESH)	40	0.40	51.2	24	19.8	17.0	14.9	13.2	11.9	9.9	8.5	XC
		50	0.45	57.6	27	22	19.1	16.7	14.9	13.4	11.1	9.5	XC
		60	0.49	62.7	29	24	21	18.2	16.2	14.6	12.1	10.4	XC
		80	0.57	73.0	34	28	24	21	18.8	16.9	14.1	12.1	VC
		100	0.63	80.6	37	31	27	23	21	18.7	15.6	13.4	C
BROWN	AI8005VS AI11005-VS (50 MESH)	40	0.50	64.0	30	25	21	18.6	16.5	14.9	12.4	10.6	XC
		50	0.56	71.7	33	28	24	21	18.5	16.6	13.9	11.9	XC
		60	0.61	78.1	36	30	26	23	20	18.1	15.1	12.9	XC
		80	0.71	90.9	42	35	30	26	23	21	17.6	15.1	VC
		100	0.79	101	47	39	34	29	26	23	19.6	16.8	VC
GRAY	AI8006VS AI11006-VS (50 MESH)	40	0.60	76.8	36	30	25	22	19.8	17.8	14.9	12.7	UC
		50	0.67	85.8	40	33	28	25	22	19.9	16.6	14.2	XC
		60	0.73	93.4	43	36	31	27	24	22	18.1	15.5	XC
		80	0.85	109	50	42	36	32	28	25	21	18.0	VC
		100	0.95	122	56	47	40	35	31	28	24	20	VC
WHITE	AI11008-VS (50 MESH)	40	0.80	102	48	40	34	30	26	24	19.8	17.0	UC
		50	0.89	114	53	44	38	33	29	26	22	18.9	XC
		60	0.98	125	58	49	42	36	32	29	24	21	XC
		80	1.13	145	67	56	48	42	37	34	28	24	VC
		100	1.26	161	75	62	53	47	42	37	31	27	VC

TABULATION BASED ON SPRAYING WATER AT 70° F.

Tip Color VisiFlo	Tip No. (Strainer Screen Size)	Liquid Pressure (psi)	Capacity 1 Nozzle (GPM)	Capacity 1 Nozzle (oz/min)	Gallons Per Acre 20" Spacing				Gallons Per Acre 30" Spacing			
					5 mph	6 mph	7 mph	8 mph	5 mph	6 mph	7 mph	8 mph
GREEN	AIXR110015-VP (100 Mesh)	15	0.092	12	5.5	4.6	3.9	3.4	3.8	3.0	2.5	2.3
		20	0.11	14	6.5	5.4	4.7	4.1	4.4	3.6	3.1	2.7
		30	0.13	17	7.7	6.4	5.5	4.8	5.1	4.3	3.7	3.2
		40	0.15	19	8.9	7.4	6.4	5.6	5.9	5.0	4.2	3.7
		50	0.17	22	10.1	8.4	7.2	6.3	6.7	5.8	4.8	4.2
		60	0.18	23	10.7	8.9	7.6	6.7	7.1	5.9	5.1	4.5
		75	0.21	27	12.5	10.4	8.9	7.8	8.3	6.9	5.8	5.1
YELLOW	AIXR11002-VP (50 Mesh)	15	0.12	15	7.1	5.9	5.1	4.5	4.8	4.0	3.4	3.0
		20	0.14	18	8.3	6.9	5.9	5.2	5.5	4.6	4.0	3.5
		30	0.17	22	10.1	8.4	7.2	6.3	6.7	5.8	4.8	4.2
		40	0.20	26	11.9	9.9	8.5	7.4	7.9	6.6	5.7	5.0
		50	0.22	28	13.1	10.9	9.3	8.2	8.7	7.3	6.2	5.4
		60	0.24	31	14.3	11.9	10.2	8.9	9.5	7.9	6.8	5.9
		75	0.27	36	16.0	13.4	11.5	10.0	10.7	8.9	7.8	6.7
VIOLET	AIXR110025-VP (50 Mesh)	15	0.15	19	8.9	7.4	6.4	5.6	5.9	5.0	4.2	3.7
		20	0.18	23	10.7	8.9	7.6	6.7	7.1	5.9	5.1	4.5
		30	0.22	28	13.1	10.9	9.3	8.2	8.7	7.3	6.2	5.4
		40	0.25	32	14.9	12.4	10.6	9.3	9.9	8.3	7.1	6.2
		50	0.28	36	16.6	13.9	11.9	10.4	11.1	9.2	7.9	6.8
		60	0.31	40	18.4	15.3	13.2	11.5	12.3	10.2	8.8	7.7
		75	0.34	44	20	16.8	14.4	12.6	13.5	11.2	9.6	8.4
BLUE	AIXR11003-VP (50 Mesh)	15	0.18	23	10.7	8.9	7.6	6.7	7.1	5.9	5.1	4.5
		20	0.21	27	12.5	10.4	8.9	7.8	8.3	6.9	5.9	5.2
		30	0.26	33	15.4	12.8	11.0	9.7	10.3	8.6	7.4	6.4
		40	0.30	38	17.8	14.9	12.7	11.1	11.9	9.9	8.5	7.4
		50	0.34	44	20	16.8	14.4	12.6	13.5	11.2	9.6	8.4
		60	0.37	47	22	18.3	15.7	13.7	14.7	12.2	10.5	9.2
		75	0.41	52	24	20	17.4	15.3	16.2	13.5	11.6	10.1
RED	AIXR11004-VP (50 Mesh)	15	0.24	31	14.3	11.9	10.2	8.9	9.5	7.9	6.8	5.9
		20	0.28	36	16.6	13.9	11.9	10.4	11.1	9.2	7.9	6.8
		30	0.35	45	21	17.3	14.9	13.0	13.9	11.6	9.9	8.7
		40	0.40	51	24	19.8	17.0	14.9	15.8	13.2	11.3	9.9
		50	0.45	58	27	22	19.1	16.7	17.8	14.5	12.1	11.1
		60	0.49	63	29	24	21	18.2	19.4	16.2	13.9	12.1
		75	0.55	70	33	27	23	20	22	18.2	15.6	13.6
BROWN	AIXR11005-VP (50 Mesh)	15	0.31	40	18.4	15.3	13.2	11.5	12.3	10.2	8.8	7.7
		20	0.35	45	21	17.3	14.9	13.0	13.9	11.6	9.9	8.7
		30	0.43	55	26	21	18.2	16.0	17.0	14.2	12.2	10.6
		40	0.50	64	30	25	21	18.6	19.8	16.5	14.1	12.4
		50	0.56	72	33	28	24	21	22	18.5	15.8	13.9
		60	0.61	78	36	30	26	23	24	20	17.3	15.1
		75	0.68	87	40	34	29	25	27	22	19.2	16.8
GRAY	AIXR11006-VP (50 Mesh)	15	0.37	47	22	18.3	15.7	13.7	14.7	12.2	10.5	9.2
		20	0.42	54	25	21	17.8	15.8	16.6	13.8	11.8	10.4
		30	0.52	67	31	26	22	19.3	21	17.2	14.7	12.9
		40	0.60	77	36	30	25	22	24	19.8	17.0	14.9
		50	0.67	86	40	33	28	25	27	22	18.0	16.1
		60	0.73	93	43	36	31	27	29	24	21	18.1
		75	0.82	109	49	41	36	30	32	27	23	20
		80	0.90	118	53	45	38	33	36	30	25	22

AI TeeJet



AI800_-VS
AI110_-VS

Price

\$14.67

AIR INDUCTION FLAT SPRAY TIPS
WITH **VisiFlo** COLOR CODING

OPTIMUM SPRAY HEIGHT		
SPRAY ANGLE	SPRAY HEIGHT	
	20" SPACING	30" SPACING
80°	30"	43"
110°	20"	30"

FEATURES:

ITEM

- POLYMER INSERT HOLDER & PRE-DRILLED WITH VISIFLO COLOR-CODING.
- STAINLESS STEEL INSERT PRODUCES TAPERED EDGE FLAT SPRAY PATTERN FOR UNIFORM COVERAGE IN BROADCAST SPRAYING.
- LARGE DROPLETS FOR LESS DRIFT.
- DEPENDING ON THE CHEMICAL, THE AI TEEJET PRODUCES LARGE, AIR-FILLED DROPS THROUGH THE USE OF A VENTURI AIR ASPIRATOR.
- BIGGER DROPS BURST ON TARGET AREA FORMING SMALLER DROPS TO GIVE BETTER COVERAGE AND PENETRATION.
- AUTOMATIC SPRAY ALIGNMENT WITH CP2580T-A-N

Tip No. 65°, 80° and 110° Series	Liquid Pressure in psi	Capacity 1 Nozzle in GPM	Capacity 1 Nozzle in oz./min.	Gallons Per Acre 20" Spacing				Gallons Per Acre 30" Spacing			
				5 mph	6 mph	7 mph	8 mph	5 mph	6 mph	7 mph	8 mph
TJ60-650134VS (100 Mesh)	30	0.12	15	7.1	5.9	5.1	4.5	4.8	4.0	3.4	3.0
	40	0.13	17	7.7	6.4	5.5	4.8	5.1	4.3	3.7	3.2
	50	0.15	19	8.9	7.4	6.4	5.6	5.9	5.0	4.2	3.7
TJ60-6502VS TJ60-8002VS (100 Mesh)	30	0.17	22	10.3	8.6	7.3	6.4	6.9	5.7	4.9	4.3
	40	0.20	26	11.9	9.9	8.5	7.4	7.9	6.6	5.7	5.0
	50	0.22	29	13.3	11.1	9.5	8.3	8.9	7.4	6.3	5.5
TJ60-6503VS TJ60-8003VS TJ60-11003VS (100 Mesh)	30	0.26	33	15.4	12.9	11.0	9.6	10.3	8.6	7.3	6.4
	40	0.30	38	17.8	14.9	12.7	11.1	11.9	9.9	8.5	7.4
	50	0.34	43	19.9	16.6	14.2	12.5	13.3	11.1	9.5	8.3
TJ60-6504VS TJ60-8004VS TJ60-11004VS (50 Mesh)	30	0.35	44	20.6	17.1	14.7	12.9	13.7	11.4	9.8	8.6
	40	0.40	51	23.8	19.8	17.0	14.9	15.8	13.2	11.3	9.9
	50	0.45	57	26.6	22.1	19.0	16.6	17.7	14.8	12.6	11.1
TJ60-6506VS TJ60-8006VS TJ60-11006VS (50 Mesh)	30	0.52	67	30.9	25.7	22.0	19.3	20.6	17.1	14.7	12.9
	40	0.60	77	35.6	29.7	25.5	22.3	23.8	19.8	17.0	14.9
	50	0.67	86	39.8	33.2	28.5	24.9	26.6	22.1	19.0	16.6
TJ60-6508VS TJ60-8008VS TJ60-11008VS (50 Mesh)	30	0.69	89	41.2	34.3	29.4	25.7	27.4	22.9	19.6	17.1
	40	0.80	102	47.5	39.6	33.9	29.7	31.7	26.4	22.6	19.8
	50	0.89	114	53.1	44.3	37.9	33.2	35.4	29.5	25.3	22.1
TJ60-8010VS TJ60-11010VS (50 Mesh)	30	0.87	111	51.4	42.9	36.7	32.2	34.3	28.6	24.5	21.4
	40	1.00	128	59.4	49.5	42.4	37.1	39.6	33.0	28.3	24.8
	50	1.12	143	66.4	55.3	47.4	41.5	44.3	36.9	31.6	27.7

Typical Applications:

BEST: Post-Emerge Contact Herbicides - Used at higher pressures (30-60 psi) to produce small droplets for better coverage. The two flat sprays provide a dual "angle of attack" for better spray penetration. TwinJets produce smaller droplets than equal size single flat spray tips. The 110° tips produce smaller droplets than 80° tips.



GOOD: Pre-Emerge Herbicides — For application of surface applied herbicides in minimum tillage or heavy crop residues. Used at medium pressures (30-35 psi).

Features:

- Penetrates crop residue or dense foliage.
- Smaller droplets for thorough coverage.
- Better spray distribution along boom than with hollow cone nozzles.
- Available in brass and stainless steel in 65°, 80° and 110° spray angles.
- Available in TwinJet 40° and 80° even flat spray patterns in brass and stainless steel.

	Price
Stainless Steel/Celcon TJ60-VS	\$13.36

Turbo FloodJet®

SPRAY TIPS

Wide Angle Flat Spray Tips

Tip Color	Tip No. (Strainer Screen Size)	Liquid Pressure in psi	Capacity 1 Nozzle in GPM	Capacity 1 Nozzle in oz./min.	Gallons Per Acre 30" Spacing				Gallons Per Acre 40" Spacing			
					5 mph	6 mph	7 mph	8 mph	5 mph	6 mph	7 mph	8 mph
RED	TF-VS2 (50 Mesh)	10	.29	26	7.9	6.7	5.6	4.9	5.9	5.0	4.2	3.7
		20	.28	36	11.2	9.3	8.0	7.1	8.4	7.0	6.0	5.3
		30	.35	45	13.7	11.4	9.7	8.5	10.3	8.6	7.3	6.4
BROWN	TF-VS2.5 (50 Mesh)	10	.25	32	9.9	8.3	7.1	5.7	7.4	6.2	5.3	4.6
		20	.35	45	14.0	11.7	10.0	8.8	10.5	8.8	7.5	6.6
		30	.43	55	17.2	14.3	12.3	10.7	12.9	10.7	9.2	8.0
GRAY	TF-VS3 (50 Mesh)	10	.30	38	11.9	9.9	8.5	7.4	8.9	7.4	6.4	5.6
		20	.42	54	16.8	14.0	12.0	10.5	12.4	10.5	9.0	7.9
		30	.52	67	21	17.2	14.7	12.9	15.4	12.9	11.0	9.7
WHITE	TF-VS4	10	.40	51	15.9	13.2	11.3	9.9	11.9	9.9	8.5	7.4
		20	.57	73	22	18.7	16	14.0	16.8	14.0	12.0	10.5
		30	.69	88	28	23	19.6	17.2	21	17.2	14.7	12.9
L. BLUE	TF-VS5	10	.50	64	19.9	16.5	14.1	12.4	14.9	12.4	10.6	9.3
		20	.71	91	28	23	20	17.5	21	17.5	15.0	13.1
		30	.87	111	35	28	25	22	26	21	18.4	16.1
L. GREEN	TF-VS7.5	10	.75	96	29	25	21	18.5	22	18.6	15.9	13.9
		20	1.1	141	43	35	31	26	32	26	23	19.7
		30	1.3	166	52	43	37	32	38	32	28	24
BLACK	TF-VS10	10	1.0	128	40	33	28	25	30	25	21	18.6
		20	1.4	179	56	47	40	35	42	35	30	26
		30	1.7	216	68	57	49	43	51	43	37	32



Typical Applications:

EXCELLENT: Soil Incorporated Herbicides— Use at lower pressures (10-25 psi) to produce larger droplets for reduced drift. Mount on 30-40" spacings.

EXCELLENT: Pre-Emerge Herbicides— Use at 10-25 psi to reduce drift and provide uniform coverage. Also good for broadcast applications of liquid fertilizers.

EXCELLENT: Post-Emerge Systemic Herbicides— Use at 20-30 psi to control drift. Provides uniform coverage along spray boom. 30" spacings are suggested for post-emerge applications.

Features:

- Excellent spray distribution for uniform coverage along the boom.
- Nozzle design incorporates a pre-orifice to produce larger droplets for less drift.
- Large, round orifice reduces clogging.
- Stainless steel with VisiFlo® color-coding band for easy size identification.
- Can be used with No. CP25599-NY Quick Teejet® cap for automatic alignment.

	Price
Stainless Steel/Celcon TF-VS	\$14.51
Polymer TF-VP	\$3.33



VisiFlo® Even Flat Spray Tips

Tip Color	Tip No. (Strainer Screen Size)	Liquid Pressure in psi	Capacity 1 Nozzle in GPM	Capacity 1 Nozzle in cc/min.	GPA - Gallons Per Acre*							
					3 mph		4 mph		5 mph		7 mph	
					30" Row Spacing	40" Row Spacing	30" Row Spacing	40" Row Spacing	30" Row Spacing	40" Row Spacing	30" Row Spacing	40" Row Spacing
ORANGE	8001EVS (100 Mesh)	20	0.07	9	4.6	3.5	3.5	2.6	2.8	2.1	2.0	1.5
		30	0.09	12	5.9	4.5	4.5	3.3	3.6	2.7	2.5	1.9
		40	0.10	13	6.6	5.0	5.0	3.7	4.0	3.0	2.6	2.1
GREEN	8001SEVS (50 Mesh)	20	0.11	14	7.3	5.4	5.4	4.1	4.4	3.3	3.1	2.3
		30	0.13	17	8.8	6.4	6.4	4.8	5.1	3.9	3.7	2.8
		40	0.15	19	9.9	7.4	7.4	5.6	5.9	4.5	4.2	3.2
YELLOW	8002EVS (50 Mesh)	20	0.14	18	9.2	6.9	6.9	5.2	5.5	4.2	4.0	3.0
		30	0.17	22	11.2	8.4	8.4	6.3	6.7	5.0	4.8	3.6
		40	0.20	26	13.2	9.9	9.9	7.4	7.9	5.9	5.7	4.2
BLUE	8003EVS (50 Mesh)	20	0.21	27	13.9	10.4	10.4	7.8	8.3	6.2	5.9	4.5
		30	0.26	33	17.2	12.9	12.9	9.7	10.3	7.7	7.4	5.5
		40	0.30	38	19.8	14.9	14.9	11.1	11.9	8.9	8.5	6.4
RED	8004EVS (50 Mesh)	20	0.28	36	18.5	13.9	13.9	10.4	11.1	8.3	7.9	5.9
		30	0.35	45	23.1	17.3	17.3	13.0	13.9	10.4	9.9	7.4
		40	0.40	51	26.4	19.8	19.8	14.9	15.8	11.9	11.3	8.5
BROWN	8005EVS (50 Mesh)	20	0.35	45	23.1	17.3	17.3	13.0	13.9	10.4	9.9	7.4
		30	0.43	55	28.4	21.3	21.3	16.0	17.0	12.8	12.2	9.1
		40	0.50	64	33.0	24.8	24.8	18.6	19.8	14.9	14.1	10.6
GRAY	8006EVS (50 Mesh)	20	0.42	54	27.7	20.8	20.8	15.6	16.6	12.5	11.9	8.9
		30	0.52	67	34.3	25.7	25.7	19.3	20.6	15.4	14.7	11.0
		40	0.60	77	39.6	29.7	29.7	22.3	23.8	17.8	17.0	12.7
WHITE	8008EVS (50 Mesh)	20	0.57	73	37.6	28.2	28.2	21.2	22.6	16.9	16.1	12.1
		30	0.69	89	45.5	34.2	34.2	25.6	27.3	20.5	19.5	14.6
		40	0.80	102	52.8	39.6	39.6	29.7	31.7	23.8	22.6	17.8

Typical Applications:^{1,2}

BEST: Pre-Emerge Herbicides — For band application of surface applied herbicides. Used at medium pressures (20-40 psi) to produce medium size droplets and to control drift.

BEST: Post-Emerge Systemic Herbicides — Used at lower pressures (20-30 psi) for banding systemic herbicides.

GOOD: Post-Emerge Contact Herbicides — For band application of contact herbicides, used at 40 psi and above to produce small droplets for better coverage.

Features:

- Ideal banding over the row or in row middles.
- Provides uniform distribution throughout the flat spray pattern.
- Easily mounted on spray boom or planter.
- Tip materials include brass, stainless steel, and hardened stainless steel.



Price

Brass	\$4.63
Stainless Steel TP-E-SS	\$12.04
Stainless Steel /Celcon TP-EVS	\$6.88



VisiFlo® Even Flat Spray Tips

TWINJET TIP NO. (strainer screen size)	Liquid Pressure in PSI	Capacity 1 Nozzle in GPM	Capacity 1 Nozzle in cc/min.	GALLONS PER ACRE*							
				3 MPH		4 MPH		5 MPH		7 MPH	
				30" ROW SPACING	40" ROW SPACING	30" ROW SPACING	40" ROW SPACING	30" ROW SPACING	40" ROW SPACING	30" ROW SPACING	40" ROW SPACING
TJ60-8002EVS TJ60-8002EVS (100 Mesh) Yellow	20	0.14	18	9.3	7.0	7.0	5.3	5.6	4.2	4.0	3.0
	30	0.17	22	11.4	8.6	8.6	6.4	6.9	5.1	4.9	3.7
	40	0.20	26	13.2	9.9	9.9	7.4	7.9	5.9	5.7	4.2
	50	0.22	29	14.8	11.1	11.1	8.3	8.9	6.6	6.3	4.7
TJ60-8003EVS TJ60-8003EVS (100 Mesh) Blue	20	0.21	27	14.0	10.5	10.5	7.9	8.4	6.3	6.0	4.5
	30	0.26	33	17.1	12.9	12.9	9.6	10.3	7.7	7.3	5.5
	40	0.30	38	19.8	14.9	14.9	11.1	11.9	8.9	8.5	6.4
	50	0.34	43	22.1	16.6	16.6	12.5	13.3	10.0	9.5	7.1
TJ60-8004EVS TJ60-8004EVS (50 Mesh) Red	20	0.28	36	18.7	14.0	14.0	10.5	11.2	8.4	8.0	6.0
	30	0.35	44	22.9	17.1	17.1	12.9	13.7	10.3	9.8	7.3
	40	0.40	51	26.4	19.8	19.8	14.9	15.8	11.9	11.3	8.5
	50	0.45	57	29.5	22.1	22.1	16.6	17.7	13.3	12.6	9.5
TJ60-8006EVS (50 Mesh) Gray	20	0.42	54	28.0	21.0	21.0	15.8	16.8	12.6	12.0	9.0
	30	0.52	67	34.3	25.7	25.7	19.3	20.6	15.4	14.7	11.0
	40	0.60	77	39.6	29.7	29.7	22.3	23.8	17.8	17.0	12.7
	50	0.67	86	44.3	33.2	33.2	24.9	26.6	19.9	19.0	14.2
	60	0.72	94	48.6	36.4	36.4	27.3	29.1	21.8	20.8	15.6

40° and 80° E Series

TwinJet Even tips combine the advantages of twin flat spray patterns with even distribution across the pattern. The twin flat sprays provide improved coverage of crop or weed without sacrificing uniformity. The smaller droplet size makes this tip ideal for providing a thorough, penetrating coverage with post-emergence contact herbicides. These tips also provide good pre-emergence coverage on cloddy fields and fields covered with crop residue.

Features:

- New VisiFlo offers convenience of color coding.
- Ideal for banding over or between crop rows.
- Provides uniform distribution throughout the spray pattern.
- Available in 80° and 40° twin flat spray patterns.
- Tip materials include VisiFlo stainless steel and brass.

Band Width	GPA* Conversion Factors	
	30" Row Spacing	40" Row Spacing
8"	3.8	5.0
10"	3.0	4.0
12"	2.5	3.3
15"	2.0	2.6

*To find GPA rate on band widths, multiply the tabulated GPA for ROW SPACING by the conversion factors.

	Price
Stainless Steel/Celcon TJ60-EVS	\$18.60

VisiFlo® Hollow Cone Spray Tips

Tip Color	Tip No. (strainer screen size)	Liquid Pressure in psi	Nozzle Capacity in GPM (2 Noz.)	Nozzle Capacity in oz./min. (2 Noz.)	Gallons Per Acre — 2 Nozzles Per Row						Liquid Pressure in psi	Nozzle Capacity in GPM (3 Noz.)	Nozzle Capacity in oz./min. (3 Noz.)	Gallons Per Acre — 3 Nozzles Per Row					
					4 mph		5 mph		7 mph					4 mph		5 mph		7 mph	
					30" Row Spacing	40" Row Spacing	30" Row Spacing	40" Row Spacing	30" Row Spacing	40" Row Spacing				30" Row Spacing	40" Row Spacing	30" Row Spacing	40" Row Spacing	30" Row Spacing	40" Row Spacing
GREEN	TXVS-4 (50 Mesh)	40	0.13	17	6.6	5.0	5.3	4.0	3.8	2.8	40	0.20	26	9.9	7.4	7.9	5.9	5.7	4.2
		50	0.15	19	7.3	5.5	5.9	4.4	4.2	3.1	50	0.22	28	11.0	8.2	8.8	6.6	6.3	4.7
		60	0.16	20	7.9	5.9	6.3	4.8	4.5	3.4	60	0.24	31	11.9	8.9	9.5	7.1	6.8	5.1
RED	TXVS-6 (50 Mesh)	40	0.20	26	9.9	7.4	7.9	5.9	5.7	4.2	40	0.30	38	14.9	11.1	11.9	8.9	8.5	6.4
		50	0.22	28	11.0	8.2	8.8	6.6	6.3	4.7	50	0.33	42	16.4	12.3	13.1	9.9	9.4	7.0
		60	0.24	31	11.9	8.9	9.5	7.1	6.8	5.1	60	0.36	47	18.2	13.6	14.5	10.9	10.4	7.8
GRAY	TXVS-8 (50 Mesh)	40	0.26	34	13.2	9.9	10.6	7.9	7.5	5.7	40	0.40	51	19.8	14.9	15.8	11.9	11.3	8.5
		50	0.29	38	14.7	11.0	11.7	8.8	8.4	6.3	50	0.45	58	22.3	16.7	17.8	13.4	12.7	9.5
		60	0.32	41	16.0	12.0	12.8	9.6	9.1	6.9	60	0.48	62	23.9	17.9	19.1	14.4	13.7	10.3
BLACK	TXVS-10 (50 Mesh)	40	0.33	43	16.5	12.4	13.2	9.9	9.4	7.1	40	0.50	64	24.8	18.6	19.8	14.9	14.1	10.6
		50	0.36	47	18.2	13.6	14.5	10.9	10.4	7.8	50	0.55	70	27.2	20.4	21.8	16.3	15.6	11.7
		60	0.40	51	19.8	14.9	15.8	11.9	11.3	8.5	60	0.60	77	29.7	22.3	23.8	17.8	17.0	12.7
BROWN	TXVS-12 (50 Mesh)	40	0.40	51	19.8	14.9	15.8	11.9	11.3	8.5	40	0.60	77	29.7	22.3	23.8	17.8	17.0	12.7
		50	0.45	58	22.3	16.7	17.8	13.4	12.7	9.5	50	0.66	85	33.0	24.8	26.4	19.8	18.9	14.1
		60	0.48	62	23.9	17.9	19.1	14.4	13.7	10.3	60	0.73	94	36.3	27.2	29.0	21.8	20.7	15.6
ORANGE	TXVS-18 (50 Mesh)	40	0.60	77	29.7	22.3	23.8	17.8	17.0	12.7	40	0.90	115	44.6	33.4	35.6	26.7	25.5	19.1
		50	0.66	85	33.0	24.8	26.4	19.8	18.9	14.1	50	1.00	128	49.5	37.1	39.6	29.7	28.3	21.2
		60	0.73	94	36.0	27.2	29.0	21.8	20.7	15.6	60	1.10	141	54.5	40.8	43.6	32.7	31.1	23.3

Typical Applications:

BEST: Post-Emerge Contact Herbicides — Used for band application of contact herbicides. To assure finely atomized spray droplets reach target areas, the nozzles are often directed from top and sides of rows by using drop pipes and swivel connectors. Also well suited application if insecticides, fungicides, defoliants, and foliar fertilizers at pressures of 40 psi and above.

- Other VisiFlo sizes (not shown) include the TXVS-1, TXVS-2, TXVS-3 and TXVS-26.
- Standard ConeJet (not color-coded) available in brass and stainless steel in a wide range of capacities with 65° (TY) and 80° (TX) spray angles.

Features:

- VisiFlo Color-coded version consists of stainless steel orifice in polypropylene body. Maximum operating pressure 300 psi. Spray angle is 80° at 100 psi.
- Ideal for banding with two or three nozzles over the row.
- Finely atomized spray pattern provides thorough coverage.

Stainless Steel/Celcon TX-VS

Price

\$7.25



Off-Center Flat Spray Tips - Smaller Capacities

Price

Brass OC-__

\$12.27

Stainless Steel OC-SS

\$18.11

How To Order: Specify tip no., material. Example: OC-O2 brass.

TeeJet Off-Center spray tips are commonly installed in double and single swivel nozzle bodies. Because these bodies are adjustable for angular position, a wide spray swath is easily obtained.

NOZZLE NO.	Liquid Pressure in psi	Nozzle Capacity in GPM	SPRAYING HEIGHT "H" = 18"						SPRAYING HEIGHT "H" = 24"					
			"W" = 36"			"W" = 48"			"W" = 36"			"W" = 48"		
			3 MPH	4 MPH	5 MPH	3 MPH	4 MPH	5 MPH	3 MPH	4 MPH	5 MPH	3 MPH	4 MPH	5 MPH
OC-02	30	.17	68	4.9	3.7	3.0	75	4.5	3.4	2.7				
	40	.20	70	5.6	4.2	3.4	77	5.1	3.9	3.1				
	60	.25	72	6.9	5.1	4.1	78	6.3	4.7	3.8				
OC-03	30	.26	77	6.7	5.0	4.0	80	6.4	4.8	3.9				
	40	.30	80	7.5	5.6	4.5	83	7.1	5.3	4.3				
	60	.37	82	8.9	6.7	5.3	85	8.6	6.3	5.2				
OC-04	30	.35	91	7.6	5.7	4.6	93	7.4	5.6	4.5				
	40	.40	93	8.5	6.4	5.1	94	8.4	6.3	5.1				
	60	.49	94	10.5	7.7	6.2	95	10.2	7.6	6.1				
OC-06	30	.52	99	10.4	7.8	6.2	108	9.5	7.1	5.7				
	40	.60	101	11.7	8.8	7.0	110	10.8	8.1	6.5				
	60	.73	102	14.2	10.6	8.5	111	13.0	9.8	7.8				
OC-08	30	.69	100	13.6	10.2	8.2	110	12.4	9.3	7.4				
	40	.80	102	15.5	11.6	9.3	112	14.1	10.6	8.5				
	60	.98	104	18.6	14.0	11.2	113	17.2	12.9	10.4				
OC-12	30	1.0	102	20	15.1	12.1	113	18.2	13.7	10.9				
	40	1.2	104	23	17.1	13.7	115	21	15.6	12.4				
	60	1.5	105	28	21	16.6	116	25	18.8	15.1				
OC-16	30	1.4	132	21	15.7	12.5	142	19.4	14.6	11.6				
	40	1.6	138	23	17.2	13.8	146	22	16.3	13.0				
	60	2.0	143	27	20	16.2	148	26	19.7	15.7				

StreamJet®

Solid Stream Spray Nozzles



Stainless Steel

H1/4U-SS

TP000_-SS

Price

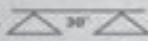
\$15.77

\$12.04

For Banding Fertilizers

StreamJet nozzles permit banding fluids at higher rates of speed. Large orifices with no internal obstructions are ideal for suspension fertilizer applications. Low drift potential.



		CAPACITY ONE NOZZLE IN GPM	GPA 								
			4 MPH	6 MPH	8 MPH	10 MPH	12 MPH	14 MPH	16 MPH	18 MPH	20 MPH
TP0001-SS	10	0.050	2.5	1.7	1.2	0.99	0.83	0.71	0.62	0.55	0.50
	20	0.071	3.5	2.3	1.8	1.4	1.2	1.0	0.88	0.78	0.70
	30	0.087	4.3	2.9	2.2	1.7	1.4	1.2	1.1	0.96	0.86
	40	0.10	5.0	3.3	2.5	2.0	1.7	1.4	1.2	1.1	0.99
TP00015-SS	10	0.075	3.7	2.5	1.9	1.5	1.2	1.1	0.93	0.83	0.74
	20	0.11	5.4	3.6	2.7	2.2	1.8	1.6	1.4	1.2	1.1
	30	0.13	6.4	4.3	3.2	2.6	2.1	1.8	1.6	1.4	1.3
	40	0.15	7.4	5.0	3.7	3.0	2.5	2.1	1.9	1.7	1.5
H1/4U-SS0002 TP0002-SS	10	0.10	5.0	3.3	2.5	2.0	1.7	1.4	1.2	1.1	0.99
	20	0.14	6.9	4.6	3.5	2.8	2.3	2.0	1.7	1.5	1.4
	30	0.17	8.4	5.6	4.2	3.4	2.8	2.4	2.1	1.9	1.7
	40	0.20	9.9	6.6	5.0	4.0	3.3	2.8	2.5	2.2	2.0
H1/4U-SS0003 TP0003-SS	10	0.15	7.4	5.0	3.7	3.0	2.5	2.1	1.9	1.7	1.5
	20	0.21	10.4	6.9	5.2	4.2	3.5	3.0	2.6	2.3	2.1
	30	0.26	12.9	8.6	6.4	5.1	4.3	3.7	3.2	2.9	2.6
	40	0.30	14.9	9.9	7.4	5.9	5.0	4.2	3.7	3.3	3.0
H1/4U-SS0004 TP0004-SS	10	0.20	9.9	6.6	5.0	4.0	3.3	2.8	2.5	2.2	2.0
	20	0.28	13.9	9.2	6.9	5.5	4.6	4.0	3.5	3.1	2.8
	30	0.35	17.3	11.6	8.7	6.9	5.8	5.0	4.3	3.9	3.5
	40	0.40	19.8	13.2	9.9	7.9	6.6	5.7	5.0	4.4	4.0
H1/4U-SS0006 TP0006-SS	10	0.30	14.9	9.9	7.4	5.9	5.0	4.2	3.7	3.3	3.0
	20	0.42	21	13.9	10.4	8.3	6.9	5.9	5.2	4.6	4.2
	30	0.52	26	17.2	12.9	10.3	8.6	7.4	6.4	5.7	5.1
	40	0.60	30	19.8	14.9	11.9	9.9	8.5	7.4	6.6	5.9
H1/4U-SS0008 TP0008-SS	10	0.40	19.8	13.2	9.9	7.9	6.6	5.7	5.0	4.4	4.0
	20	0.57	28	18.8	14.1	11.3	9.4	8.1	7.1	6.3	5.6
	30	0.69	34	23	17.1	13.7	11.4	9.8	8.5	7.6	6.8
	40	0.80	40	26	19.8	15.8	13.2	11.3	9.9	8.8	7.9
H1/4U-SS0010 TP0010-SS	10	0.50	25	16.5	12.4	9.9	8.3	7.1	6.2	5.5	5.0
	20	0.71	35	23	17.6	14.1	11.7	10.0	8.8	7.8	7.0
	30	0.87	43	29	22	17.2	14.4	12.3	10.8	9.6	8.6
	40	1.00	50	33	25	19.8	16.5	14.1	12.4	11.0	9.9
H1/4U-SS0015 TP0015-SS	10	0.75	37	25	19	14.9	12.4	10.6	9.3	8.3	7.4
	20	1.06	52	35	26	21	17.5	15.0	13.1	11.7	10.5
	30	1.30	64	43	32	26	21	18.4	16.1	14.3	12.9
	40	1.50	74	50	37	30	25	21	18.6	16.5	14.9
H1/4U-SS0020 TP0020-SS	10	1.00	50	33	25	19.8	16.5	14.1	12.4	11.0	9.9
	20	1.41	70	47	35	28	23	19.9	17.4	15.5	14.0
	30	1.73	86	57	43	34	29	24	21	19.0	17.1
	40	2.00	99	66	50	40	33	28	25	22	19.8
H1/4U-SS0030 TP0030-SS	10	1.50	74	50	37	30	25	21	18.6	16.5	14.9
	20	2.12	105	70	52	42	35	30	26	23	21
	30	2.60	129	86	64	51	43	37	32	29	26
	40	3.00	149	99	74	59	50	42	37	33	30
H1/4U-SS0040 TP0040-SS	10	2.00	99	66	50	40	33	28	25	22	20
	20	2.83	140	93	70	56	47	40	35	31	28
	30	3.46	171	114	86	69	57	49	43	38	34
	40	4.00	198	132	99	79	66	57	50	44	40
H1/4U-SS0050	10	2.50	124	83	62	50	41	35	31	28	25
	20	3.54	175	117	88	70	58	50	44	39	35
	30	4.33	214	143	107	86	71	61	54	48	43
	40	5.00	248	165	124	99	83	71	62	55	50
H1/4U-SS0060	10	3.00	149	99	74	59	50	42	37	33	30
	20	4.24	210	140	105	84	70	60	52	47	42
	30	5.20	257	172	129	103	86	74	64	57	51
	40	6.00	297	198	149	119	99	85	74	66	59

Gallons per acre shown are based on water. For other liquid densities and nozzle spacings, refer to conversion factors.

FullJet®

Wide Angle Full Cone Spray Tips

TIP SIZE	Liquid Pressure in PSI	Capacity 1 Nozzle in GPM	Capacity 1 Nozzle in oz./min.	GALLONS PER ACRE 40" SPACING			
				4 MPH	5 MPH	6 MPH	7.5 MPH
FL-5VS Brown	15	0.34	43	12.5	10.0	8.4	6.7
	20	0.38	49	14.2	11.4	9.5	7.6
	30	0.46	59	17.0	13.6	11.3	9.1
	40	0.52	67	19.3	15.4	12.9	10.3
FL-6.5VS Gray	15	0.42	54	15.7	12.5	10.4	8.4
	20	0.48	61	17.8	14.2	11.9	9.5
	30	0.57	73	21.3	17.0	14.2	11.3
	40	0.65	83	24.1	19.3	16.1	12.9
FL-8VS White	15	0.51	66	19.0	15.2	12.7	10.2
	20	0.58	75	21.6	17.3	14.4	11.5
	30	0.70	89	25.8	20.7	17.2	13.8
	40	0.79	101	29.3	23.5	19.6	15.6
FL-10VS L. Blue	15	0.67	86	24.9	19.9	16.6	13.3
	20	0.76	97	28.2	22.6	18.8	15.0
	30	0.91	116	33.8	27.0	22.5	18.0
	40	1.00	128	37.1	29.7	24.8	19.6
FL-15VS L. Green	15	0.97	125	36.2	28.9	24.1	19.3
	20	1.11	142	41.0	32.8	27.4	21.9
	30	1.32	169	49.1	39.3	32.7	26.2
	40	1.50	192	55.7	44.6	37.1	29.7

Typical Applications:

BEST: Pre-Plant Incorporated Her-
bicides — Widely used at lower
pressures (15-25 psi) to produce
larger droplets and reduce drift.
Mounts on 40" spacings like Flood-
Jets.

GOOD: Post-Emerge Systemic Her-
bicides — Used at medium
pressures (20-30 psi) to control drift
Higher spray volumes or 20" spac-
ings may be needed to insure good
coverage with large droplets.

Features:

- Large droplets to reduce drift.
- Excellent spray distribution over a range of pressures 15-40 PSI (1-3 bar).
- Ideal for use on rigs with sprayer controllers.
- Wide spray angle allows use on 40"
- Available in VisiFlo® color-coding system in all stainless steel or Celcon® with stainless steel vane.



Stainless Steel/Celcon FL-VS

Price

\$13.08

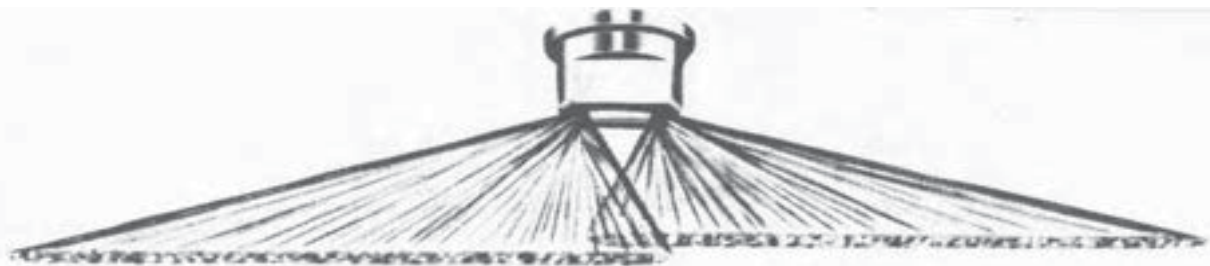
150° Series Stainless Steel and Brass

Suggested for post-directed applications with hose drops.

How to Order:

Example: 15003-SS — Stainless Steel

	Price
Brass	\$10.03
Stainless Steel TQ-SS	\$18.11



TIP NO. (Strainer Screen Size)	Liquid Pressure in PSI	Capacity 1 Nozzle in GPM	GALLONS PER ACRE—30" SPACING										GALLONS PER ACRE—40" SPACING									
			4 MPH	5 MPH	6 MPH	7 MPH	8 MPH	10 MPH	12 MPH	14 MPH	16 MPH	18 MPH	4 MPH	5 MPH	6 MPH	7 MPH	8 MPH	10 MPH	12 MPH	14 MPH	16 MPH	18 MPH
15001-SS (200 Mesh)	20	.07	3.5	2.8	2.3	2.0	1.8	1.4	1.2	1.0	—	—	2.6	2.1	1.8	1.5	1.3	1.1	—	—	—	—
	25	.08	3.9	3.1	2.6	2.2	2.0	1.6	1.3	1.1	—	—	2.9	2.4	2.0	1.7	1.5	1.2	—	—	—	—
	30	.09	4.3	3.4	2.9	2.5	2.1	1.7	1.4	1.2	1.1	—	3.2	2.6	2.1	1.8	1.6	1.3	1.1	—	—	—
	40	.10	5.0	4.0	3.3	2.8	2.5	2.0	1.7	1.4	1.2	1.1	3.7	3.0	2.5	2.1	1.9	1.5	1.2	1.1	—	—
	50	.11	5.5	4.4	3.7	3.2	2.8	2.2	1.8	1.6	1.4	1.3	4.2	3.3	2.8	2.4	2.1	1.7	1.4	1.2	1.0	—
	60	.12	6.1	4.9	4.0	3.5	3.0	2.4	2.0	1.7	1.5	1.4	4.6	3.6	3.0	2.6	2.3	1.8	1.5	1.3	1.1	1.0
150015-SS (100 Mesh)	20	.11	5.3	4.2	3.5	3.0	2.6	2.1	1.8	1.5	1.3	1.3	3.9	3.2	2.6	2.3	2.0	1.6	1.3	1.1	—	—
	25	.12	5.9	4.7	3.9	3.4	2.9	2.4	2.0	1.7	1.5	1.5	4.4	3.5	2.9	2.5	2.2	1.8	1.5	1.3	1.1	—
	30	.13	6.4	5.1	4.3	3.7	3.2	2.6	2.1	1.8	1.6	1.6	4.8	3.9	3.2	2.8	2.4	1.9	1.6	1.4	1.2	—
	40	.15	7.4	5.9	5.0	4.2	3.7	3.0	2.5	2.1	1.9	1.9	5.6	4.5	3.7	3.2	2.8	2.2	1.9	1.6	1.4	1.2
	50	.17	8.3	6.6	5.5	4.7	4.2	3.3	2.8	2.4	2.1	2.1	6.2	5.0	4.2	3.6	3.1	2.5	2.1	1.8	1.6	1.4
	60	.18	9.1	7.3	6.1	5.2	4.6	3.6	3.0	2.6	2.3	2.3	6.8	5.5	4.6	3.9	3.4	2.7	2.3	2.0	1.7	1.5
15002-SS (100 Mesh)	20	.14	7.0	5.6	4.7	4.0	3.5	2.8	2.3	2.0	1.8	1.8	5.3	4.2	3.5	3.0	2.6	2.1	1.8	1.5	1.3	—
	25	.16	7.8	6.3	5.2	4.5	3.9	3.1	2.6	2.2	2.0	2.0	5.9	4.7	3.9	3.4	2.9	2.4	2.0	1.7	1.5	—
	30	.17	8.6	6.9	5.7	4.9	4.3	3.4	2.9	2.5	2.1	2.1	6.4	5.1	4.3	3.7	3.2	2.6	2.1	1.8	1.6	—
	40	.20	9.9	7.9	6.6	5.7	5.0	4.0	3.3	2.8	2.5	2.5	7.4	5.9	5.0	4.2	3.7	3.0	2.5	2.1	1.9	—
	50	.22	11.1	8.9	7.4	6.3	5.5	4.4	3.7	3.2	2.8	2.8	8.3	6.6	5.5	4.7	4.2	3.3	2.8	2.4	2.1	—
	60	.25	12.1	9.7	8.1	6.9	6.1	4.9	4.0	3.5	3.0	3.0	9.1	7.3	6.1	5.2	4.6	3.6	3.0	2.6	2.3	—
15003-SS (100 Mesh)	20	.21	10.5	8.4	7.0	6.0	5.3	4.2	3.5	3.0	2.6	2.6	7.9	6.3	5.3	4.5	3.9	3.2	2.6	2.3	2.0	—
	25	.24	11.7	9.4	7.8	6.7	5.9	4.7	3.9	3.4	2.9	2.9	8.8	7.0	5.9	5.0	4.4	3.5	2.9	2.5	2.2	—
	30	.26	12.9	10.3	8.6	7.4	6.4	5.1	4.3	3.7	3.2	3.2	9.7	7.7	6.4	5.5	4.8	3.9	3.2	2.8	2.4	—
	40	.30	14.9	11.9	9.9	8.5	7.4	5.9	5.0	4.2	3.9	3.9	11.1	8.9	7.4	6.4	5.6	4.5	3.7	3.2	2.8	—
	50	.34	16.6	13.3	11.1	9.5	8.3	6.6	5.5	4.7	4.2	4.2	12.5	10.0	8.3	7.1	6.2	5.0	4.2	3.6	3.1	—
	60	.37	18.2	14.6	12.1	10.4	9.1	7.3	6.1	5.2	4.6	4.6	13.6	10.9	9.1	7.8	6.8	5.5	4.6	3.9	3.4	—
15004-SS (50 Mesh)	20	.28	14.0	11.2	9.3	8.0	7.0	5.6	4.7	4.0	3.5	3.5	10.5	8.4	7.0	6.0	5.3	4.2	3.5	3.0	2.6	—
	25	.32	15.7	12.5	10.4	8.9	7.8	6.3	5.2	4.5	3.9	3.9	11.7	9.4	7.8	6.7	5.9	4.7	3.9	3.4	2.9	—
	30	.35	17.2	13.7	11.4	9.8	8.6	6.9	5.7	4.9	4.3	4.3	12.9	10.3	8.6	7.4	6.4	5.1	4.3	3.7	3.2	—
	40	.40	19.8	15.8	13.2	11.3	9.9	7.9	6.6	5.7	5.0	5.0	14.9	11.9	9.9	8.5	7.4	5.9	5.0	4.2	3.7	—
	50	.45	22	17.7	14.8	12.7	11.1	8.9	7.4	6.3	5.5	5.5	16.6	13.3	11.1	9.5	8.3	6.6	5.5	4.7	4.2	—
	60	.49	24	19.4	16.2	13.9	12.1	9.7	8.1	6.9	6.1	6.1	18.2	14.6	12.1	10.4	9.1	7.3	6.1	5.2	4.6	—
15005-SS (50 Mesh)	20	.35	17.5	14.0	11.7	10.0	8.8	7.0	5.8	5.0	4.4	4.4	13.1	10.5	8.8	7.5	6.6	5.3	4.4	3.8	3.3	—
	25	.40	19.6	15.7	13.0	11.2	9.8	7.8	6.5	5.6	4.9	4.9	14.7	11.7	9.8	8.4	7.3	5.9	4.9	4.2	3.7	—
	30	.43	21	17.2	14.3	12.3	10.7	8.6	7.1	6.1	5.4	5.4	16.1	12.9	10.7	9.2	8.0	6.4	5.4	4.6	4.0	—
	40	.50	25	19.8	16.5	14.1	12.4	9.9	8.3	7.1	6.2	6.2	18.6	14.9	12.4	10.6	9.3	7.4	6.2	5.3	4.6	—
	50	.56	28	22	18.5	15.8	13.8	11.1	9.2	7.9	6.9	6.9	21	16.6	13.8	11.9	10.4	8.3	6.9	5.9	5.2	—
	60	.61	30	24	20	17.3	15.2	12.1	10.1	8.7	7.6	7.6	23	18.2	15.2	13.0	11.4	9.1	7.6	6.5	5.7	—
15006-SS (50 Mesh)	20	.42	21	16.8	14.0	12.0	10.5	8.4	7.0	6.0	5.3	5.3	15.8	12.6	10.5	9.0	7.9	6.3	5.3	4.5	3.9	—
	25	.47	23	18.8	15.7	13.4	11.7	9.4	7.8	6.7	5.9	5.9	17.6	14.1	11.7	10.1	8.8	7.0	5.9	5.0	4.4	—
	30	.52	26	21	17.2	14.7	12.9	10.3	8.6	7.4	6.4	6.4	19.3	15.4	12.9	11.0	9.7	7.7	6.4	5.5	4.8	—
	40	.60	30	24	19.8	17.0	14.9	11.9	9.9	8.5	7.4	7.4	22	17.8	14.9	12.7	11.1	8.9	7.4	6.4	5.6	—
	50	.67	33	27	22	19.0	16.6	13.3	11.1	9.5	8.3	8.3	25	19.9	16.6	14.2	12.5	10.0	8.3	7.1	6.2	—
	60	.74	36	29	24	21	18.2	14.6	12.1	10.4	9.1	9.1	27	22	18.2	15.6	13.6	10.9	9.1	7.8	6.8	—
15008-SS (50 Mesh)	20	.57	28	22	18.7	16.0	14.0	11.2	9.3	8.0	7.0	7.0	21	16.8	14.0	12.0	10.5	8.4	7.0	6.0	5.3	—
	25	.63	31	25	21	17.9	15.7	12.5	10.4	8.9	7.8	7.8	23	18.8	15.7	13.4	11.7	9.4	7.8	6.7	5.9	—
	30	.69	34	27	23	19.6	17.2	13.7	11.4	9.8	8.6	8.6	26	21	17.2	14.7	12.9	10.3	8.6	7.4	6.4	—
	40	.80	40	32	26	23	19.8	15.8	13.2	11.3	9.9	9.9	30	24	19.8	17.0	14.9	11.9	9.9	8.5	7.4	—
	50	.89	44	35	30	25	22	17.7	14.8	12.7	11.1	11.1	33	27	22	19.0	16.6	13.3	11.1	9.5	8.3	—
	60	.98	49	39	32	28	24	19.4	16.2	13.9	12.1	12.1	36	29	24	21	18.2	14.6	12.1	10.4	9.1	—
15009-SS (50 Mesh)	20	.64	32	25	21	18.0	15.8	12.6	10.5	9.0	7.9	7.9	24	18.9	15.8	13.5	11.8	9.5	7.9	6.8	5.9	—
	25	.71	35	28	23	20	17.6	14.1	11.7	10.1	8.8	8.8	26	21	17.6	15.1	13.2	10.6	8.8	7.6	6.6	—
	30	.78	39	31	26	22	19.3	15.4	12.9	11.0	9.7	9.7	29	23	19.3	16.5	14.5	11.6	9.7	8.3	7.2	—
	40	.90	45	36	30	25	22	17.8	14.9	12.7	11.1	11.1	33	27	22	19.1	16.7	13.4	11.1	9.6	8.4	—
	50	1.00	50	40	33	28	25	19.9	16.6	14.2	12.5	12.5	37	30	25	21	18.7	14.9	12.5	10.7	9.3	—
	60	1.10	55	44	36	31	27	22	18.2	15.6	13.6	13.6	41	33	28	23	20	16.4	13.6	11.7	10.2	—

Note: Tip numbers shown indicate Stainless Steel Construction. Also available in Brass.

Spray Tips

Type		Liquid Pressure in psi	Capacity in GPM	Gallons Per Acre																	
				40" Spacing									60" Spacing								
FloodJet Tip No.	FloodJet Nozzle No.			4 mph	5 mph	6 mph	8 mph	10 mph	12 mph	14 mph	16 mph	20 mph	4 mph	5 mph	6 mph	8 mph	10 mph	12 mph	14 mph	16 mph	20 mph
TK-VS2 (50 Mesh)	1/8K-SS2	10	20	7.4	5.9	5.0	3.7	3.0	2.5	2.1	1.9	1.5	4.0	3.2	2.5	2.0	1.7	1.4	1.2	1.0	0.8
		20	28	10.5	8.4	7.0	5.3	4.2	3.5	3.0	2.6	2.1	7.0	5.6	4.7	3.5	2.8	2.2	2.0	1.8	1.4
		30	35	12.9	10.3	8.6	6.4	5.1	4.3	3.7	3.2	2.6	8.6	6.9	5.7	4.3	3.4	2.9	2.5	2.1	1.7
		40	40	14.9	11.9	9.9	7.4	5.9	5.0	4.2	3.7	3.0	9.9	7.9	6.6	5.0	4.0	3.2	2.8	2.5	2.0
TK-VS2.5 (50 Mesh)	1/8K-SS2.5	10	25	9.3	7.4	6.2	4.6	3.7	3.1	2.7	2.3	1.9	4.2	3.0	2.5	2.0	1.7	1.4	1.2	1.0	0.8
		20	35	13.1	10.5	8.6	6.6	5.3	4.4	3.8	3.3	2.6	5.8	4.7	3.8	3.0	2.4	2.0	1.8	1.5	1.2
		30	43	16.1	12.9	10.7	8.0	6.4	5.4	4.6	4.0	3.2	7.0	5.6	4.7	3.5	2.8	2.2	2.0	1.8	1.4
		40	50	18.6	14.9	12.4	9.3	7.4	6.2	5.3	4.6	3.7	8.3	6.6	5.3	4.0	3.2	2.6	2.3	2.1	1.7
TK-VS3 (50 Mesh)	1/8K-SS3	10	30	11.1	8.9	7.4	5.6	4.5	3.7	3.2	2.8	2.2	4.4	3.0	2.5	2.0	1.7	1.4	1.2	1.0	0.8
		20	42	15.8	12.6	10.5	7.9	6.3	5.3	4.5	3.9	3.2	6.0	4.4	3.6	2.8	2.2	1.9	1.6	1.4	1.1
		30	52	19.3	15.4	12.9	9.7	7.7	6.4	5.5	4.8	3.9	7.0	5.4	4.4	3.4	2.7	2.3	2.0	1.8	1.4
		40	60	22	17.6	14.9	11.1	8.9	7.4	6.4	5.6	4.6	8.3	6.6	5.3	4.0	3.2	2.6	2.3	2.1	1.7
TK-VS4	1/8K-SS4	10	40	14.9	11.9	9.9	7.4	5.9	5.0	4.2	3.7	3.0	9.9	7.9	6.6	5.0	4.0	3.2	2.8	2.5	2.0
		20	57	21	16.8	14.0	10.5	8.4	7.0	6.0	5.2	4.2	14.0	11.2	9.3	7.0	5.6	4.7	4.0	3.5	2.8
		30	69	26	21	17.2	12.9	10.3	8.6	7.4	6.4	5.1	17.2	13.7	11.4	8.6	6.9	5.7	4.9	4.3	3.4
		40	80	30	24	19.6	14.9	11.9	9.9	8.5	7.4	5.9	19.6	15.6	13.2	9.9	7.9	6.6	5.7	5.0	4.0
TK-VS5	1/8K-SS5	10	50	18.6	14.9	12.4	9.3	7.4	6.2	5.3	4.6	3.7	12.4	9.9	8.3	6.2	5.0	4.1	3.5	3.1	2.5
		20	71	26	21	17.5	13.1	10.5	8.8	7.5	6.6	5.3	17.5	14.0	11.7	8.8	7.0	5.8	5.0	4.4	3.5
		30	87	32	26	21	16.1	12.9	10.7	9.2	8.0	6.4	21	17.2	14.3	10.7	8.6	7.1	6.1	5.4	4.3
		40	1.0	37	30	25	18.6	14.9	12.4	10.6	9.2	7.4	25	19.6	16.5	12.4	9.9	8.3	7.1	6.2	5.0
TK-VS7.5	1/8K-SS7.5	10	75	28	22	18.6	13.9	11.1	9.3	8.0	7.0	5.6	18.6	14.9	12.4	9.3	7.4	6.2	5.3	4.6	3.7
		20	1.1	39	32	26	19.7	15.8	13.1	11.3	9.8	7.5	26	21	17.5	13.1	10.5	8.8	7.5	6.6	5.3
		30	1.3	48	39	32	24	19.3	16.1	13.8	12.1	9.7	32	26	21	16.1	12.9	10.7	9.2	8.0	6.4
		40	1.5	56	45	37	28	22	18.6	15.9	13.9	11.1	37	30	25	18.6	14.9	12.4	10.6	9.2	7.4
TK-VS10	1/8K-SS10	10	1.0	37	30	25	18.6	14.9	12.4	10.6	9.2	7.4	37	30	25	18.6	14.9	12.4	10.6	9.2	7.4
		20	1.4	50	42	35	26	21	17.5	15.0	13.1	10.5	50	42	35	26	21	17.5	15.0	13.1	10.5
		30	1.7	64	51	43	32	26	21	18.4	16.1	13.9	64	51	43	32	26	21	18.4	16.1	13.9
		40	2.0	74	58	48	37	30	25	21	18.6	15.9	74	59	48	37	30	25	21	18.6	15.9
TK-SS15	1/8K-SS15	10	1.5	56	45	37	28	22	18.6	15.9	13.9	11.1	56	45	37	28	22	18.6	15.9	13.9	11.1
		20	2.1	79	63	53	39	32	26	23	19.7	15.8	53	42	35	26	21	17.5	15.0	13.1	10.5
		30	2.6	96	77	64	48	39	32	28	24	19.3	64	51	43	32	26	21	18.4	16.1	13.9
		40	3.0	111	89	74	56	45	37	32	28	22	74	59	50	37	30	25	21	18.6	15.9
TK-SS20	1/8K-SS20	10	2.0	74	59	50	37	30	25	21	18.6	15.9	50	40	33	25	19.6	16.5	14.1	12.4	10.6
		20	2.8	105	84	70	53	42	35	30	26	21	70	56	47	35	28	23	20	17.5	14.0
		30	3.5	129	103	86	64	51	43	37	32	26	86	69	57	43	34	29	25	21	17.2
		40	4.0	149	119	99	74	59	50	42	37	30	99	79	66	50	40	33	28	25	20
TK-SS30	1/8K-SS30	10	3.0	111	89	74	56	45	37	32	28	22	74	59	50	37	30	25	21	18.6	15.9
		20	4.2	158	126	105	79	63	53	45	38	32	105	84	70	53	42	35	30	26	21
		30	5.2	193	154	129	96	77	64	55	48	39	129	103	86	64	51	43	37	32	26
		40	6.0	223	178	149	111	89	74	64	56	45	149	119	99	74	59	50	42	37	30
TK-SS40	1/8K-SS40	10	4.0	149	119	99	74	59	50	42	37	30	99	79	66	50	40	33	28	25	20
		20	5.7	210	168	140	105	84	70	60	52	42	140	112	93	70	56	47	40	35	28
		30	6.9	257	206	171	129	103	86	73	64	51	171	137	114	86	69	57	49	43	34
		40	8.0	297	238	198	149	119	99	85	74	59	198	158	132	99	79	66	57	50	40
TK-SS50	1/8K-SS50	10	5.0	186	149	124	93	74	62	53	46	37	124	99	83	62	50	41	35	31	25
		20	7.1	263	210	175	131	105	88	75	66	53	175	140	117	88	70	58	50	44	35
		30	8.7	322	257	214	161	129	107	92	80	64	214	171	143	107	86	71	61	54	43
		40	10.0	371	292	248	186	149	124	106	93	74	248	198	165	124	99	83	71	62	50
TK-SS60	1/8K-SS60	10	6.0	223	178	149	111	89	74	64	56	45	149	119	99	74	59	50	42	37	30
		20	8.5	315	252	210	158	126	105	90	79	63	210	168	140	105	84	70	60	53	42
		30	10.4	384	309	257	193	154	129	110	96	77	257	206	171	129	103	86	73	64	51
		40	12.0	446	356	297	223	178	149	127	111	89	297	238	198	149	119	99	85	74	59
TK-SS70	1/8K-SS70	10	7.0	260	208	173	130	104	87	74	65	52	173	139	116	87	69	58	50	43	35
		20	9.9	368	294	245	184	147	123	105	92	74	245	196	163	123	98	82	70	61	49
		30	12.1	450	360	300	225	180	150	125	113	90	300	240	200	150	120	100	86	75	60
		40	14.0	529	418	347	260	208	173	149	130	104	347	277	231	173	139	116	99	87	69
TK-SS80	1/8K-SS80	10	8.0	297	238	198	149	119	99	85	74	59	198	158	132	99	79	66	57	50	40
		20	11.3	429	336	280	210	168	140	120	105	84	280	224	187	140	112	93	80	70	56
		30	13.9	514	412	343	257	206	171	147	129	103	343	274	229	171	137	114	98	86	69
		40	16.0	594	475	396	297	238	198	170	149	119	396	317	264	198	158	132	113	99	79
TK-SS90	1/8K-SS90	10	9.0	334	267	223	167	134	111	95	84	67	223	178	149	111	89	74	64	56	45
		20	12.7	473	378	315	236	189	158	135	118	95	315	252	210	158	126	105	90	79	63
		30	15.6	579	463	386	289	231	193	165	145	116	386	309	257	193	154	129	110	96	77
		40	18.0	688	535	446	334	267	223	191	167	134	446	356	297	223	178	149	127	111	89
TK-SS100	1/8K-SS100	10	10.0	371	292	248	186	149	124	106	93	74	248	198	165	124	99	83	71	62	50
		20	14.1	529	420	350	263	210	175	150	131	105	260	203	175	140	117	100	88	78	64
		30	17.3	643	514	429	322	257	214	184	161	129	429	343	286	214	171	143	122	107	88
		40	20.0	743	594	495	371	297	248	212	186	149	495	396	330	248	198	165	141	124	98
TK-SS110	1/8K-SS110	10	11.0	438	327	272	204	163	136	117	102	82	272	218	182	136	108	91	79	68	

TeeJet Spray Tips and Nozzles - Broadcast

	Type	Size	Tip Body Material	Example Tip	Price
 XR	XR TeeJet Extended Range Tips (Tapered Flat Spray) VisiFlo Color-Coded	All Sizes	Stainless Steel Stainless Steel/Acetal Acetal (110deg. Only) Ceramic/Polypropylene	XR8010SS XR8001VS XR11002-VP XR11003-VK	\$9.11 \$7.68 \$3.48 \$5.95
	Tip w/ Quick TeeJet cap & gasket assembly	015-02	Acetal (110deg Only)	XR11002-VP-CE	\$4.81
 XRC	XRC TeeJet Extended Range Tips (Tapered Flat Spray) VisiFlo Color-Coded	All Sizes	Stainless Steel Ceramic/Nylon Acetal/Nylon	XRC8004-VS XRC11004-VK XRC110025-VP	\$8.82 \$7.19 \$4.12
 TT	Turbo Teejet Spray trips (Tapered Flat Fan Spray) VisiFlo Color-Coded	01-08 10-12	Acetal Acetal	TT11001-VP TT11010-VP	\$7.24 \$8.68
	Tip w/ Quick TeeJet cap & gasket assembly	01-08 10-12	Acetal Acetal	TT11001-VP-CE TT11010-VP-CE	\$8.55 \$10.70
 TT	Turbo Teejet Spray trips (Tapered Flat Fan Spray) VisiFlo Color-Coded	015-08	Ceramic	TT11002-VK	\$10.55
	Tip w/ Quick TeeJet cap & gasket assembly	015-08	Ceramic	TT11002-VK-CE	\$11.85
 AIXR	AIXR TeeJet Air Induction XR Flat Spray Tips (Tapered Flat Spray) VisiFlo Color- Coded	015-06 015-06 08-10	UHMWPE Polymer Ceramic/Polypropylene UHMWPE Polymer	AIXR11004VP AIXR11003VK AIXR11008VP	\$8.00 \$11.66 \$9.39
	Tip w/ Quick TeeJet cap & gasket assembly	015-06 015-06 08-10	UHMWPE Polymer Ceramic/Polypropylene UHMWPE Polymer	AIXR11003VP-CE AIXR11005-VK-CE AIXR11010VP-CE	\$9.31 \$12.96 \$10.68
 AI	AI TeeJet Spray Tips (Tapered Flat Spray) VisiFlo Color-Coded	All Sizes	Stainless Steel / Acetal	AI110015-VS	\$14.67
 AIC	AIC TeeJet Air Induction (Tapered Flat Spray) VisiFlo Color-Coded	All Sizes	Stainless Steel/Nylong Acetal/Nylon Ceramic/Nylon	AIC11004-VS AIC11004-VP AIC110025-VK	\$15.91 \$7.38 \$12.95
 TTI	Turbo Teejet Induction Air Induction Spray Tip (Tapered Flat Spray) VisiFlo Color-Coded	01-06 08-10	Acetal Acetal	TTI11004-VP TTI11008-VP	\$12.38 \$14.48
	Tip w/ Quick TeeJet cap & gasket assembly	01-06 08-10	Acetal Acetal	TTI11005-VP-CE TTI11008-VP-CE	\$13.76 \$16.44
 DG	DG TeeJet Drift Guard Tips (Tapered Flat Spray) VisiFlo Color-Coded	All Sizes	Stainless Steel / Acetal Acetal	DG8002VS DG11002-VP	\$10.63 \$6.35
 TP	TeeJet Spray Tip Spray trips (Tapered Flat Fan Spray) VisiFlo Color-Coded	All Sizes	Stainless Steel/Acetal Acetal	TP11001VS TP8002VP	\$6.88 \$1.03
	TeeJet Spray Tip (Tapered Flat Fan)	-0050 or Smaller	Brass	TP800050	\$4.63
		Larger Than -0050	Brass	TP800067	\$4.63
		Smaller Than -01	Stainless Steel	TP800067-SS	\$26.39
		-01 and Larger	Stainless Steel	TP11001-SS	\$11.82
			Hard. Stainless Steel	TP11001-HSS	\$16.26

TeeJet Spray Tips and Nozzles - Broadcast

	Type	Size	Tip Body Material	Example Tip	Price
 TJ	TwinJet Spray Tips (Twin Tapered Flat Spray) VisiFlo Color-Coded	All Sizes	Stainless Steel/Acetal	TJ60-8003VS	\$13.36
 DUO-TT	Turbo Teejet Duo Dbl. Outlet QJ Adapter With 2 TT TeeJet Tips (Twin Tapered Flat Spray) VisiFlo Color-Coded	All Sizes	Acetal/Nylon	QJ90-2XTT11004VP	\$21.48
 TTJ	Turbo TwinJet (Twin Tapered Flat Spray) VisiFlo Color-Coded	All Sizes	Acetal	TTJ60-11004VP	\$8.68
	Tip w/ Quick TeeJet cap & gasket assembly	All Sizes	Acetal	TTJ60-11005VP-CE	\$9.99
 AITTJ	Air Inducted Turbo TwinJet Twin Tapered Flat Fan Spray VisiFlo Color-Coded	02-06 08-15	Acetal Acetal	AITTJ60-11004VP AITTJ60-11008VP	\$9.01 \$10.36
	Tip w/ Quick TeeJet cap & gasket assembly	02-06 08-15	Acetal Acetal	AITTJ60-11003VP-CE AITTJ60-11015VP-CE	\$10.47 \$12.75
 TTI	TTI-60 Turbo Teejet Induction Twinjet Tapered Flat Spray	02-08	Acetal	TTI60-11008VP	\$15.48
 APTJ	APTJ AccuPulse TwinJet (Twin Tapered Flat Fan Spray)	All Sizes	Acetal	APTJ-11004VP	\$12.38
	Tip w/ Quick TeeJet cap & gasket assembly		Acetal	APTJ-11003VP-CE	\$13.54
	Tip w/ Quick TeeJet cap, gasket and Wilger adapter assembly		Acetal	APTJ-11005VP-CE-W	\$16.20
 AI3070	AI3070 Spray Tip Dual Pattern Tapered Flat Fan Spray VisiFlo Color-Coded	All Sizes	Acetal	AI3070-02VP	\$9.04
	Tip w/ Quick TeeJet cap & gasket assembly	All Sizes	Acetal	AI3070-04VP-C	\$11.32
 DG-TJ	Drift Guard TwinJet Tips (Twin Tapered Flat Spray) VisiFlo Color-Coded	All Sizes	Stainless Steel/Acetal	DGTJ60-11004VS	\$16.28
 TF	Turbo FloodJet Spray Tips (Wide Angle Flat Spray) VisiFlo Color-Coded	All Sizes	Stainless Steel/Acetal	TF-VS4	\$14.51
			Acetal	TF-VP4	\$3.33
 TK	FloodJet Spray Tips (Wide Angle Flat Spray)	All Sizes	Brass Stainless Steel	TK-3 TK-SS3	\$7.55 \$13.75
	VisiFlo Color-Coded	All Sizes	Stainless Steel/Acetal	TK-VS3	\$13.09

TeeJet Spray Tips and Nozzles - Broadcast

	Type	Size	Tip Body Material	Example Tip	Price
 TK	FloodJet Spray Tips (Wide Angle Flat Spray Tips) VisiFlo Color-Coded	All Sizes	Acetal	TK-VP3	\$1.12
	<u>FloodJet Nozzles</u>	See Example	Brass	1/8K- 1/4K- 3/8K- 1/2K- 3/4K-90 to 120 3/4K-140 to 210 1K-300 1K-450	\$5.83 \$9.17 \$14.54 \$20.45 \$33.50 \$61.78 \$115.61 \$135.27
			Stainless Steel	1/8K-SS 1/4K-SS 3/8K-SS 1/2K-SS 3/4K-SS 80 to 120 3/4K-SS 140 to 210 1K-SS300 1K-SS450	\$17.53 \$21.18 \$28.38 \$34.33 \$46.76 \$84.11 \$170.97 \$200.10
	<u>Quick Turbo FloodJet Nozzles</u>	All Sizes	Stainless Steel/Acetal	QCTF-VS15 to 80 QCTF-VS100 to 120	\$38.39 \$52.39
	<u>Quick FloodJet Nozzles</u>	All Sizes	Stainless Steel/Acetal	QCK-SS20 to 40 QCK-SS50 to 80 QCK-SS100 and 120 QCK-SS150 to 210	\$41.28 \$45.14 \$56.30 \$88.98
 TTJ	TurfJet Spray Tips (Wide Angle Flat Spray) VisiFlo Color-Coded	All Sizes	Stainless Steel/Acetal Acetal	1/4TTJ05-VS 1/4TTJ06-VP	\$18.80 \$9.73
 FL	FL FullJet Spray Tips (Wide Angle Flat Spray) VisiFlo Color-Coded	All Sizes	Stainless Steel/Acetal Acetal	FL-5VS FL-5VC	\$13.08 \$8.32
 AI-E	AI TeeJet Even Spray Tips (Even Flat Spray) VisiFlo Color-Coded	All Sizes	Stainless Steel/Acetal	AI95015EVS	\$15.02

TeeJet Spray Tips and Nozzles - Banding & Directed

	Type	Size	Tip Body Material	Example Tip	Price
 DG-E	DG TeeJet Even Spray Tips (Even Flat Spray) VisiFlo Color-Coded	All Sizes	Stainless Steel/Acetal	DG9502EVS	\$10.63
 TP-E	TeeJet Spray Tips Even Flat Spray	-01 and Larger	Brass Stainless Steel Hard. Stainless Steel	TP8001E TP8001E-SS TP8001E-HSS	\$4.71 \$12.04 \$16.53
	VisiFlo Color-Coded	-01 and Larger	Stainless Steel/Acetal	TP8001EVS	\$6.88
 TJ-E	TwinJet Spray Tips (Twin Even Flat Spray) VisiFlo Color-Coded	All Sizes	Stainless Steel/Acetal	TJ60-8003EVS	\$18.60
 TQ	TeeJet Spray Tips (Double Outlet-Flat Spray)	All Sizes	Brass Stainless Steel	TQ150-01 TQ150-01-SS	\$10.03 \$18.11
 AIUB	AIUB TeeJet Air Induction (Underleaf Banding Spray Tip) VisiFlo Color-Coded	All Sizes	Stainless Steel/Acetal	AIUB8504VS	\$18.54
 UB	TeeJet UB Underleaf Banding Spray Tip	All Sizes	Brass Stainless Steel	D25143-UB-8504 D25143-UB8504-SS	\$16.31 \$31.01
 OC	TeeJet Spray Tips (Off Center-Flat Spray)	-01 Thru -08, -12, -16	Brass Stainless Steel	OC-02 OC-SS02	\$12.27 \$18.11
 TG	TG FullJet Spray Tip (Full Cone Spray)	Smaller Than 1	Brass Stainless Steel	TG-0.9 TG-SS0.9	\$17.34 \$47.00
		1 and Larger	Brass Stainless Steel	TG-1 TG-SS1	\$9.99 \$22.01
 TX	TX ConeJet Spray Tips (Hollow Cone Spray)	All Sizes	Brass Stainless Steel	TX-1 TX-SS1	\$6.49 \$40.56
 TX	TX, TXA, TXB ConeJet (Hollow Cone Spray) VisiFlo Color-Coded	All Sizes	Ceramic/Polypropylene	TXA8004VK TXB8003VK TX-VK3	\$6.56 \$6.56 \$6.56
			Stainless Steel/Polypropylene	TX-VS4	\$7.25
 TXR	TXR Conejet (Hollow Cone Spray) Color-Coded	All Sizes	Ceramic/Polypropylene	TXR8002VK	\$6.41
	100 Tip Pack	All Sizes	Ceramic/Polypropylene	TXR8003VK-100X	\$636.08

TeeJet Spray Tips and Nozzles - Banding & Directed

	Type	Size	Tip Body Material	Example Tip	Price
 AITX	AITX ConeJet Air Induction (Hollow Cone Spray) VisiFlo Color-Coded	All sizes	Ceramic/Polypropylene	AITXA8001VK AITXAB8004VK	\$14.67 \$14.67
 Discs	TeeJet Discs	All Sizes	Acetal	DVP-2	\$1.07
			Hard. Stainless Steel	D2	\$1.67
			Stainless Steel	DE2	\$1.51
 Cores	TeeJet Cores	All Sizes	Nylon	DC23-NY	\$1.51
			Brass	DC23	\$2.88
			Hard. Stainless Steel	DC23-HSS	\$6.83

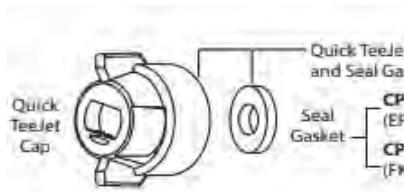
TeeJet Spray Tips and Nozzles - Boomless

	Type (Boomless)	Size	Tip Body Material	Example Tip	Price
	BoomJet	All sizes	Brass	4418-3/4-2TOC	\$243.80
	Large Capacity Nozzles & Swivels (Boomless Flat Spray)			4629-3/4-TOC	\$188.18
				5430-3/4-2TOC	\$252.42
				5880-3/4-2TOC	\$285.02
	TeeJet	See Example	Brass Stainless Steel	OC-20	\$51.04
	OC Spray Tips (Large Capacity Off-Center Flat Spray Tips)			OC-SS20	\$99.24
	XP BoomJet	1/4" - 10,20,25	Acetal	1/4XP25R-VP	\$55.16
	Nozzles (Boomless Flat Spray) VisiFlo Color-Coded	1/2" -40 or 80		1/4XP25L-VP	\$55.16
				1/2XP40R-VP	\$65.70
				1/2XP40L-VP	\$65.70
	FieldJet	All sizes	Brass	1/4KLC	\$46.46
	Nozzles (Boomless Flat Spray)			3/4KLC	\$64.92
			Stainless Steel	1/4KLC-SS	\$76.01
				3/4KLC-SS	\$95.40
	TFW Turbo FloodJet	All sizes	Brass	TFW-12	\$11.08
	Spray Tips (Extra Wide Angle Tapered Flat Fan Spray)				
	XE TeeJet	02-08	Acetal	XE15002-VP	\$4.47
	Spray Tips Extended Even Boomless Spray Tip				

TeeJet Spray Tips and Nozzles - Fertilizer

	Type (Fertilizer)	Size	Tip Body Material	Example Tip	Price
	SJ7 SteamJet 7-Orifice SJ7A Fertilizer Spray Tips (7 Orifices w/ Quick TeeJet Connection) VisiFlo Color-Coded	All Sizes	Acetal	SJ7A-04-VP	\$12.49
	SJ3 StreamJet 3-Orifice SJ3 Fertilizer Spray Tips (3 Solid Stream Orifices) VisiFlo Color-Coded	All Sizes	Acetal	SJ3-04-VP	\$9.84
	StreamJet Solid Stream Fertilizer Nozzles (Solid Stream Nozzle)	0002-0080	Stainless Steel	H1/4U-SS0002	\$15.77
 StreamJet Variable Rate Fertilizer Spray Tips (Solid Stream & Flow Regulators) QJVR-3/8-SS SJ7-VR PTC-VR-1/4 SJ3-VR		All Sizes	EPDM/Acetal or Nylon	SJ3-VR-X1.0	\$25.04
				SJ7A-VR-X1.0	\$27.69
				QJ-VR-X1.0	\$25.40
				QJ-VR-X1.0-1/4-SS	\$41.15
				QJ-VR-X2.0-3/8-NYB	\$30.48
				PTC-VR-X1.0-1/4	\$29.52
				PTC-VR-X1.0-1/4-10	\$42.38
 Flow Regulators (Orifice Regulation Plates & Components)		See Example	Brass	4908-1/4T	\$10.03
			Stainless Steel	4908-1/4T-SS	\$44.20
				CP4928-SS	\$38.75
				CP4916-	\$3.48

Quick TeeJet Caps (For pressures up to 300 PSI/20 bar)



Quick TeeJet Cap and Seal Gasket

Quick TeeJet Cap

Seal Gasket

CP19438-EPR (EPDM Standard)

CP19438-VI (FKM Optional)

Quick TeeJet Cap Color Code	
BLACK.....	1
WHITE.....	2
RED.....	3
BLUE.....	4
GREEN.....	5
YELLOW.....	6

Quick TeeJet Cap Color Code	
BROWN.....	7
ORANGE.....	8
GRAY.....	9
VIOLET.....	10
LIGHT BLUE.....	11***
RASPBERRY RED.....	12**
LIGHT GREEN.....	13**

* Specify Color Code (see chart). Unless otherwise specified, a Black (1) Cap will be supplied.

[†] Gray option not offered on nylon or Hardi caps. ^{**} Color only offered in CP114501 Cap. ^{***} Color offered in CP114501, CP114440 & CP114442 Cap.

	For Use With Spray Tips (300 PSI/20 Bar Rating)	Part No.		Price
	TeeJet® Flat Spray Tips (Smaller Capacities)	Cap Only	CP25611-*-NY	N/A
		Cap & Gasket Set	25612-*-NYR	N/A
	    Standard TP -0067 to -08 API/TJ TwinJet® -01 to -08 XR Turbo TwinJet® TTJ60	Cap Only	CP114440A-*-CE	\$0.84
		Cap & Gasket Set (EPDM)	114441A-*-CELR	\$1.18
		Cap & Seat Gasket Set (FKM)	114447A-*-CELVI	\$4.26
	    AI/XR TeeJet® -015 to -06 DG TeeJet® Turbo TeeJet® TT OC & TQ150 TeeJet® -01 to -08	Cap Only	CP25611-9-PP (Gray Poly Only)	\$1.06
		Cap & Gasket Set	25612-9-PP	\$1.33
	Fits Hardi	Cap Only	CP23307-*-CE	\$1.00
		Cap & Gasket Set	23306H-*-CELR	\$1.37
	TeeJet® Flat Spray Tips (Larger Capacities)	Cap Only	CP25609-*-NY	\$0.96
		Cap & Gasket Set	25610-*-NYR	\$1.33
	    TJ TwinJet® TJB60 AI Turbo TwinJet® AITJB60 -02 to -06 DG TwinJet® S/3 StreamJet®	Cap Only	CP114442A-*-CE	\$0.96
		Cap & Gasket Set (EPDM)	114443A-*-CELR	\$1.33
		Cap & Gasket Set (FKM)	114443A-*-CELVI	\$3.09
	   AI TeeJet® & AIUB TeeJet® Turbo TeeJet® Induction TTJ -01 to -06 AI XR TeeJet® -08 to -10	Cap Only	CP21399-*-CE	\$0.86
		Cap & Seat Gasket Set	21398H-*-CELR	\$1.37
	 Turbo TeeJet® Induction (TTI) straight through cap -015 to -06	Cap Only	CP115834A-*-CE>>>	\$0.96
		Cap & Seat Gasket Set (EPDM)	115835A-*-CELR>>>	\$1.33
		Cap & Seat Gasket Set (FKM)	115835A-*-CELVI>>>	\$3.09
	This cap has 0° offset for use with AI3070 tip only 	Cap Only	CP98578-1-NY	\$1.57
		Cap & Seat Gasket Set	98579-1-NYR	\$2.18
	   Turbo TeeJet® Induction TTJ -08 to -10 AI Turbo TwinJet® AITJB60 -08 to -15 Turbo TeeJet® TT -10 to -12	Cap Only	CP114501A-*-CE>>	\$1.57
		Cap & Seat Gasket Set (EPDM)	114502A-*-CELR>>	\$2.18
		Cap & Seat Gasket Set (FKM)	114502A-*-CELVI>>	\$3.95
	   Turbo FloodJet® TK-VF FloodJet® TK-VS FloodJet®	Cap Only	CP25599-*-NY>>>>	\$0.96
		Cap & Seat Gasket Set	25600-*-NYR	\$1.33
	   TK FloodJet® FL FullJet® TX ConeJet®	Cap Only	CP114444A-*-CE	\$0.96
		Cap & Seat Gasket Set (EPDM)	11445A-*-CELR	\$1.33
		Cap & Seat Gasket Set (FKM)	114445A-*-CELVI	\$3.09
	   TG Full Cone Hose Shank AITXA	Cap Only	CP25607-9-PP>	\$1.06
		Cap & Seat Gasket Set	25608-9-PP>	\$1.33
	Fits Hardi	Cap Only	CP58350-*-CE	\$0.86
		Cap & Seat Gasket Set	58348H-*-CELR	\$1.37

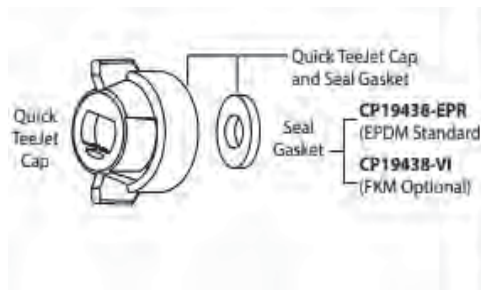
> Polypropylene Caps rated to 150 psi (10 bar)

>> Only offered in -1, -2, -11, -12, -13 colors

>>> Only offered in -1, -3, -4, -5, -6, -7, -9, -10 colors

>>>> Offered in -1, -2, -3, -4, -5, -6, -7, -8, -10 colors

Quick TeeJet Caps (For pressures up to 300 PSI/20 bar)

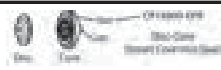


Quick TeeJet Cap	Color Code
BLACK	1
WHITE	2
RED	3
BLUE	4
GREEN	5
YELLOW	6

Quick TeeJet Cap	Color Code
BROWN	7
ORANGE	8
GRAY	9
VIOLET	10
LIGHT BLUE	11***
RASPBERRY RED	12**
LIGHT GREEN	13**

* Specify Color Code (see chart). Unless otherwise specified, a Black (1) Cap will be supplied.

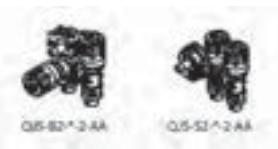
† Gray option not offered on nylon or Hardi caps. ** Color only offered in CP114501 Cap. *** Color offered in CP114501, CP114440 & CP114442 Cap.

	For Use With Spray Tips (300 PSI/20 Bar Rating)	Part No.		Price
		Cap Only	CP114444A-*-CE	\$0.96
		Cap Only	CP114395-1-NYB	\$0.96
		Cap, Gasket & O-Ring Set	114396-1-NYR	\$1.57
		Cap Only	CP26277-1-NY	\$0.96
		Cap & Seat Gasket Set	26278-1-NYR	\$1.43
	Adapter Cap w/ EPDM Seat Gasket, Black	Quick TeeJet Outlet Adapter	QJ4676-1/8-NYR	\$2.61
		Quick TeeJet Outlet Adapter	QJ(B)4676-1/4-NYR	\$4.35
Adapter Cap w/ EPDM Seat Gasket, Black		Quick TeeJet Outlet Adapter, 90*	QJ4676-90-1/4-NYR	\$4.94
		Quick TeeJet Outlet Adapter, 45*	QJ4676-45-1/4-NYR	\$4.94
	Shutoff Cap w/ EPDM/FKM Seat Gasket, Black	Cap & Seat Gasket Set (EPDM)	114447A-1-CELR	\$2.50
		Cap & Seat Gasket Set (FKM)	11447A-1-CELVI	\$4.26

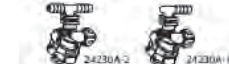
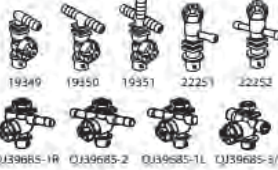
Boom Components

	Part No.	Description	Price
TeeJet Chemsaver Components 	CP4620-VI	Diaphragm, Viton	\$1.69
	CP4620-FA	Diaphragm, Fairprene	\$0.54
	CP6227-TEF	Diaphragm, PTFE (use with 4620)	\$0.87
	CP21953-EPR	Diaphragm, EPDM Rubber	\$0.54
	CP21953-VI	Diaphragm, Viton	\$1.66
	CP4624	Retainer Cap, Brass	\$3.12
	21950-* -NYB	ChemSaver End Cap Sub-assembly	\$4.02
	56720-1/8B or F	Air ChemSaver Nozzle Body Shutoff	\$40.53
	55300	Air ChemSaver Nozzle Body Shutoff For QJS	\$40.53
	55300-1	Air ChemSaver Nozzle Body Shutoff	\$40.53
	9758	Brass End Cap ASB	\$5.17
	CP56709-VI	QJS Diaphragm, Viton	\$2.75
	56714-NYB	QJS End Cap Sub-assembly	\$5.81
	CP56711-NYB	Retaining Ring	\$1.51
	CP115881-12	e-ChemSaver Electric Tip Shutoff (12VDC)	\$126.64
	CP115880-24	e-ChemSaver Electric Tip Shutoff (24VDC)	\$126.64
	116280-12	DynaJet HF Valve (12VDC)	\$219.91
	116280-24	DynaJet HF Valve (24VDC)	\$219.91
	116950-12	e-ChemSaver EcoStop (12VDC)	\$127.95
	116950-24	e-ChemSaver EcoStop (24VDC)	\$127.95
	191500-* -12	DynaJet Valve (12VDC)	\$190.92
	191500-* -24	DynaJet Valve (24VDC)	\$190.92
	58140-NYB	Manual ChemSaver	\$6.69
	98465-15	Check Valve End Cap Assembly	\$18.12

Quick TeeJet Nozzle Body Systems

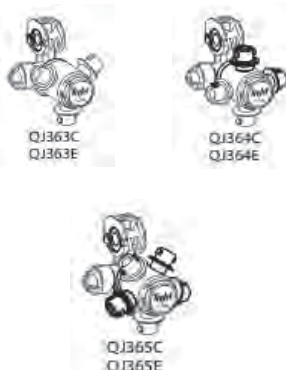
	Part No.	Description	Price
QJS Nozzle Bodies For Dry Booms <u>All have Dual Outlet Nozzle Body</u> 	QJS-B2-* -* -AA	-500-750-1000 hose shank, bottom mount	\$107.57
	QJS-B2-* -* -MM	-500-750-1000 hose shank, bottom mount	\$39.88
	QJS-B2-* -* -CM	-500-750-1000 hose shank, bottom mount	\$33.25
	QJS-B2-* -* -EM	-500-750-1000 hose shank, bottom mount	\$237.74
	QJS-S2-* -* -AA	-500-750-1000 hose shank, side mount	\$109.13
	QJS-S2-* -* -MM	-500-750-1000 hose shank, side mount	\$41.45
	QJS-S2-* -* -CM	-500-750-1000 hose shank, side mount	\$34.80
	QJS-S2-* -* -EM	-500-750-1000 hose shank, side mount	\$239.31
QJS Nozzle Bodies for Wet Booms 	QJS-B2-* -* -AA	-20mm,-1/2,-3/4,-1" bottom mount, dual outlet	\$107.57
	QJS-B2-* -* -MM	-20mm,-1/2,-3/4,-1" bottom mount, dual outlet	\$39.88
	QJS-B2-* -* -CM	-20mm,-1/2,-3/4,-1" bottom mount, dual outlet	\$33.25
	QJS-B2-* -* -EM	-20mm,-1/2,-3/4,-1" bottom mount, dual outlet	\$237.74
	QJS-S2-* -* -AA	-20mm,-1/2,-3/4,-1" side mount, dual outlet	\$109.13
	QJS-S2-* -* -MM	-20mm,-1/2,-3/4,-1" side mount, dual outlet	\$41.45
	QJS-S2-* -* -CM	-20mm,-1/2,-3/4,-1" side mount, dual outlet	\$34.80
	QJS-S2-* -* -EM	-20mm,-1/2,-3/4,-1" side mount, dual outlet	\$239.31
	QJS-F1-* -C	-20mm,-1/2,-3/4,-1" bottom mount, flow meter, nozzle body	\$127.11
	QJS-H4R-* -AAAA	-20mm,-1/2,-3/4,-1" bottom mnt, high strength, 4 outlet	\$227.61
	QJS-N3-* -EMM	Btm mnt, flow meter, high str, 3 outlet	\$260.24
	QJS-D-* -XM-3-P	-20mm,-1/2,-3/4,-1" bottom mnt w/ turret nozzle body	\$44.51

Quick TeeJet Nozzle Body Systems for Dry Booms

Type	Part No.	Description	Price
Multiple Nozzle Bodies w/ Chemsaver 	QJ363C-*-1-NYB	-500,-750,-1000 Nozzle body w/ sinlge hose shank	\$21.40
	QJ363C-*-2-NYB	-500,-750,-1000 Nozzle body w/ double hose shank	\$21.40
	QJ364C-*-1-NYB	-500,-750,-1000 Nozzle body w/ sinlge hose shank	\$21.40
	QJ364C-*-2-NYB	-500,-750,-1000 Nozzle body w/ double hose shank	\$21.40
	QJ365C-*-1-NYB	-500,-750,-1000 Nozzle body w/ sinlge hose shank	\$21.40
	QJ365C-*-2-NYB	-500,-750,-1000 Nozzle body w/ double hose shank	\$21.40
	QJ363C-*-1-NYB-VI	-500,-750,-1000 Nozzle body w/ sinlge hose shank	\$25.65
	QJ363C-*-2-NYB-VI	-500,-750,-1000 Nozzle body w/ double hose shank	\$25.65
	QJ364C-*-1-NYB-VI	-500,-750,-1000 Nozzle body w/ sinlge hose shank	\$25.65
	QJ364C-*-2-NYB-VI	-500,-750,-1000 Nozzle body w/ double hose shank	\$25.65
	QJ365C-*-1-NYB-VI	-500,-750,-1000 Nozzle body w/ sinlge hose shank	\$25.65
	QJ365C-*-2-NYB-VI	-500,-750,-1000 Nozzle body w/ double hose shank	\$25.65
Multiple Nozzle Bodies w/ Fertilizer Outlet & Chemsaver 	QJ363F-1000-*-NYB	Single or double hose barb nozzle body	\$25.65
	QJ364F-1000-*-NYB	Single or double hose barb nozzle body	\$25.65
	QJ365F-1000-*-NYB	Single or double hose barb nozzle body	\$25.65
	QJ363F-1000-*-NYB-VI	Single or double hose barb nozzle body, FKM	\$30.79
	QJ364F-1000-*-NYB-VI	Single or double hose barb nozzle body, FKM	\$30.79
	QJ365F-1000-*-NYB-VI	Single or double hose barb nozzle body, FKM	\$30.79
Multiple Nozzle Bodies for Dry Booms 	QJ373-*-1-NYB	-500,-750,-1000 nozzle body w/ single hose shank	\$14.06
	QJ373-*-1R-NYB	-500,-750,-1000 nozzle body w/ single hose shank	\$14.06
	QJ373-*-2-NYB	-500,-750,-1000 nozzle body w/ double hose shank	\$14.06
	QJ375-*-1-NYB	-500,-750,-1000 nozzle body w/ single hose shank	\$14.06
	QJ375-*-1R-NYB	-500,-750,-1000 nozzle body w/ single hose shank	\$14.06
	QJ375-*-2-NYB	-500,-750,-1000 nozzle body w/ double hose shank	\$14.06
Triple Nozzle Bodies w/ Chemsaver 	24230A-1-*-NYB	-406,-540,-785 triple nozzle body w/ single hose shank	\$23.56
	24230A-2-*-NYB	-406,-540,-785 triple nozzle body w/ double hose shank	\$23.56
	24230A-3-*-NYB	-406,-540,-785 triple nozzle body w/ triple hose shank	\$23.56
Single Nozzle Bodies w/ Chemsaver 	19349-211-*-NYB	-406,-540,-785 single hose shank	\$10.97
	19350-212-*-NYB	-406,-540,-785 double hose shank	\$10.97
	19351-213-*-NYB	-406,-540,-785 triple hose shank	\$10.97
	22251-311-*-NYB	-406,-540,-785 single hose shank	\$9.07
	22252-312-*-NYB	-406,-540,-785 double hose shank	\$9.07
	QJ39685-*-500-NYB	1/2" hose ID	\$7.45
	QJ39685-*-3/8-NYB	3/8", push to connect inlet	\$12.10
	*ABOVE ARE ALL QUICK TEEJET NOZZLE BODY W/ DIAPHRAGM CHECK VALVE		
Hose Shank Nozzle Bodies 	18635-111-406-NYB	Single hose shank quick TeeJet nozzle body	\$4.46
	18638-111-540-NYB	Single hose shank quick TeeJet nozzle body	\$4.46
	18719-111-785-NYB	Single hose shank quick TeeJet nozzle body	\$4.46
	18636-112-406-NYB	Double hose shank quick TeeJet nozzle body	\$4.46
	18639-112-540-NYB	Double hose shank quick TeeJet nozzle body	\$4.46
	18720-112-785-NYB	Double hose shank quick TeeJet nozzle body	\$4.46
	18637-113-406-NYB	Triple hose shank quick TeeJet nozzle body	\$4.46
	18640-113-540-NYB	Triple hose shank quick TeeJet nozzle body	\$4.46
	18721-113-785-NYB	Triple hose shank quick TeeJet nozzle body	\$4.46

***Hose I.D.: 375 & 406=3/8", 500 & 540=1/2", 750 & 785=3/4" 1000=1" ***

Quick TeeJet Nozzle Body Systems for Wet Booms

Type	Part No.	Description	Price
High Flow Multiple Nozzle Bodies 	QJ383A-*-NYB	-3/4", -1" split eyelet high flow nozzle body, FKM	\$33.88
	QJ383AF-*-NYB	-3/4", -1" split eyelet high flow nozzle body w/ fertilizer outlet, FKM	\$36.99
	CP98488-VI	11-16" to 3/8" inlet adapter gasket	\$7.25
Multiple Nozzle Bodies for Wet Booms 	QJ373-*-NYB	-20mm, -25mm, -1/2, -3/4, -1 split eyelet nozzle body	\$10.47
	QJ375-*-NYB	-20mm, -25mm, -1/2, -3/4, -1 split eyelet nozzle body	\$10.47
	QJ373D-(L/R)-*-XX	-1/2, -3/4, -1 split eyelet dual outlet nozzle body	\$15.26
	QJ373D-(L/R)-*-CC	-1/2, -3/4, -1 split eyelet dual outlet nozzle body	\$17.44
	QJ373D-(L/R)-*-CM	-1/2, -3/4, -1 split eyelet dual outlet nozzle body	\$19.62
	QJ373D-(L/R)-*-MM	-1/2, -3/4, -1 split eyelet dual outlet nozzle body	\$21.80
	QJ373D-(L/R)-*-XC	-1/2, -3/4, -1 split eyelet dual outlet nozzle body	\$16.35
	QJ373D-(L/R)-*-XM	-1/2, -3/4, -1 split eyelet dual outlet nozzle body	\$18.53
	QJ373D-(L/R)-1-XX	1" split eyelet dual outlet nozzle body	\$15.26
	QJ375D-R-*-ESES	-3/4", -1" split eyelet dual outlet nozzle body	\$279.30
Multiple Nozzle Bodies w/ Chemsaver 	QJ363C-*-NYB	-25mm, -1/2, -1/2"x7mm, -3/4, -1 split eyelet diaphragm check valve	\$17.14
	QJ363E-*-NYB	-20mm split eyelet diaphragm check valve	\$17.14
	QJ364C-*-NYB	-25mm, -1/2, -1/2"x7mm, -3/4, -1 split eyelet diaphragm check valve	\$17.14
	QJ364E-*-NYB	-20mm split eyelet diaphragm check valve	\$17.14
	QJ365C-*-NYB	-25mm, -1/2, -1/2"x7mm, -3/4, -1 split eyelet diaphragm check valve	\$17.14
	QJ365E-*-NYB	-20mm split eyelet diaphragm check valve	\$17.14
	QJ363C-*-NYB-VI	-25mm, -1/2, -1/2"x7mm, -3/4, -1 split eyelet diaphragm check valve, FKM	\$19.75
	QJ363E-*-NYB-VI	-20mm split eyelet diaphragm check valve, FKM	\$19.75
	QJ364C-*-NYB-VI	-25mm, -1/2, -1/2"x7mm, -3/4, -1 split eyelet diaphragm check valve, FKM	\$19.75
	QJ364E-*-NYB-VI	-20mm split eyelet diaphragm check valve, FKM	\$19.75
	QJ365C-*-NYB-VI	-25mm, -1/2, -1/2"x7mm, -3/4, -1 split eyelet diaphragm check valve, FKM	\$19.75
	QJ365E-*-NYB-VI	-20mm split eyelet diaphragm check valve, FKM	\$19.75
Multiple Nozzle Bodies w/ Fertilizer Outlet & Chemsaver 	QJ363F-1-NYB	1" split eyelet diaphragm check valve	\$21.39
	QJ364F-1-NYB	1" split eyelet diaphragm check valve	\$21.39
	QJ365F-1-NYB	1" split eyelet diaphragm check valve	\$21.39
	QJ363F-1-NYB-VI	1" split eyelet diaphragm check valve, FKM	\$26.11
	QJ364F-1-NYB-VI	1" split eyelet diaphragm check valve, FKM	\$26.11
	QJ365F-1-NYB-VI	1" split eyelet diaphragm check valve, FKM	\$26.11
Triple Nozzle Bodies w/ Chemsaver 	24216A-*-NYB	-20mm, -20mmx7, -1/2, -1/2x7, -3/4, -1 TeeJet triple	\$12.53
	24231A-NYB	Teejet triple nozzles body w/ 1/4" inlet	\$24.20
	QJ24216B-*-NYB	-20mm, -25mm, -1/2, -3/4, -1 quick TeeJet triple outlet	\$12.53
	QJ24216B-*-NYB-VI	-20mm, -25mm, -1/2, -3/4, -1 quick TeeJet triple outlet, FKM	\$13.95
Single Nozzle Bodies w/ Chemsaver 	QJ17560A-*-NYB	-25mm, -20mm, -20mmx7mm, -1/2, -1/2"x7mm, -3/4, -1 quick TeeJet split eyelet w/ ChemSaver	\$3.27
	QJ17560A-*-NYB-VI	-25mm, -20mm, -20mmx7mm, -1/2, -1/2"x7mm, -3/4, -1 quick TeeJet split eyelet w/ ChemSaver, FKM	\$3.81
	QJ7421-*-NYB	-1/2, -3/4, -1 quick TeeJet split eyelet, less ChemSaver	\$4.47
	QJ22187-*-NYB	-1/2, -3/4, -1 quick TeeJet split eyelet, less ChemSaver	\$11.21
Rapid Stop Nozzle Body Adapter 	CP98583-2-*-SS	Rapid stop for QJ17560A & 24216A	\$9.54
	CP98583-3-*-SS	Rapid stop for QJ360C, QJ370, QJ380, QJ380F & QJS	\$9.54
	Specify pipe size (1/2", 3/4", or 1")		

Quick TeeJet Adapters

Type	Part No.	Description	Price
Blank Split Eyelet for Wet Boom 	QJS-P-1	QJS blank for 1" wet boom	\$4.68
Single Nozzle Body Adapters w/ Chemsaver 	QJ8360-NYB	1/4" (M) diaphragm check valve quick TeeJet nozzle body	\$5.54
	QJ8360-1/4F-NYB	1/4" (F) diaphragm check valve quick TeeJet nozzle body	\$6.04
	QJ8355-*-NYB	-1/8", 1/4" (F) diaphragm check valve quick TeeJet nozzle body	\$11.12
	QJT8360-NYB	Quick TeeJet adapter, fits TeeJet bodies using CP1325 Cap	\$6.04
	QJP19011-NYB	Quick TeeJet adapter, fits 3/8" BSPP (M) thread	\$7.32
Nozzle Body Adapters 	QJ90-2-NYR	Quick TeeJet duo nozzle adapter w/ EPDM gasket	\$4.94
	QJ90-1-NYR	90° quick TeeJet adapter w/ EPDM gasket	\$4.94
	QJ1/4TT-NYB	Quick TeeJet nozzle body adapter	\$3.05
	QJ1/4T-NYB	Quick TeeJet nozzle body adapter	\$3.05
	QJT-NYB	Quick TeeJet nozzle body adapter	\$5.65
	22674-1/4-NYB	Quick TeeJet 45° nozzle body adapter	\$3.05
	55240-CELR	Hardi quick TeeJet adapter w/ EPDM gasket	\$3.05
	50854-NYB	Quick TeeJet nozzle body 1" (25mm) extension	\$4.30
	QJ-W-PP	Wilger to quick TeeJet adapter w/ EPDM gasket	\$3.11
	QJ-W-PP-10X	Wilger to quick TeeJet adapter w/ EPDM gasket 10pk	\$30.33
	QJ30-NYR	30° cap adapter w/ EPDM gasket	\$4.93
	QJ30-NYVI	30° cap adapter w/ EPDM gasket, Viton	\$6.68
Swivels 	QJ8600-1/4-NYB	Quick TeeJet single swivel	\$8.09
	QJ8600-2-1/4-NYB	Quick TeeJet double swivel	\$9.74
Push-to-Connect Fittings 	QJ98595-1/4-*	1/4" push-to-connect straight cap & body	\$19.10
	QJ114401-5/16-*	3/8" push-to-connect straight cap & body	\$19.10
	QJ98594-3/8-*	3/8" push-to-connect straight cap & body	\$19.10
	QJ98592-1/4-*	1/4" push-to-connect body	\$12.91
	QJ114400-5/16-*	5/16" push-to-connect body	\$12.91
	QJ98590-3/8-*	3/8" push-to-connect body	\$12.91
	QJ98588-1/4	1/4" push-to-connect straight cap	\$6.24
	QJ114398-5/16	5/16" push-to-connect straight cap	\$6.24
	QJ115825-3/16	3/16" push-to-connect straight cap	\$6.24
	QJ98586-3/8	3/8" push-to-connect straight cap	\$6.24
	QJ98598-90-1/4	1/4" push-to-connect 90° fixed cap	\$7.78
	QJ98599-90-3/8	3/8" push-to-connect 90° fixed cap	\$7.78
	QJ114403-1/4	1/4" push-to-connect 90° swivel cap	\$15.55
	QJ114404-5/16	5/16" push-to-connect 90° swivel cap	\$15.55
	QJ114405-3/8	3/8" push-to-connect 90° swivel cap	\$15.55
	QJ114430-1/4-*	1/4" push-to-connect capless body, PTC in & out	\$17.91
	QJ114432-5/16-*	5/16" push-to-connect capless body, PTC in & out	\$17.91
	QJ114434-3/8-*	3/8" push-to-connect capless body, PTC in & out	\$17.91

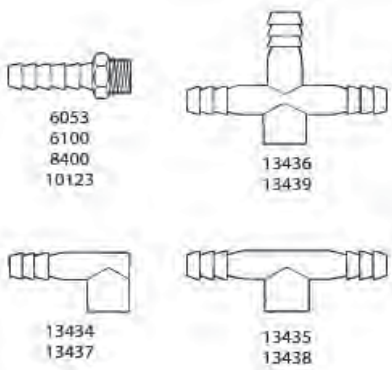
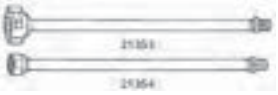
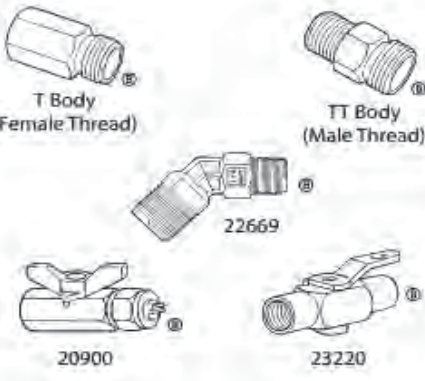
*Specify diaphragm check valve opening pressure (2, 5, or 10 PSI)

Boom Components

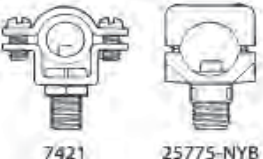
	Part No.	Description	Price
Rollover valves 	(B)98450-1/4F	Double Rollover with Diaphragm Check	\$45.16
	(B,S,P)98450-1/4M	Double Rollover with Diaphragm Check	\$45.16
	(B,S,P)98450-3/8M	Double Rollover with Diaphragm Check	\$45.16
	(B)98451-1/4F	Single Rollover with Diaphragm Check	\$41.91
	(B,S,P)98451-1/4M	Single Rollover with Diaphragm Check	\$41.91
	(B,S,P)98451-3/8M	Single Rollover with Diaphragm Check	\$41.91
	(B)98452-1/4F	Double Rollover	\$35.48
	(B,S,P)98452-1/4M	Double Rollover	\$35.48
	(B,S,P)98452-3/8M	Double Rollover	\$35.48
	(B)98453-1/4F	Single Rollover	\$32.25
	(B,S,P)98453-1/4M	Single Rollover	\$32.25
	(B,S,P)98453-3/8M	Single Rollover	\$32.25
	AB98450-KIT	Spare parts kit (See PL98450 for details)	\$10.78
	B=BSPT thread, S=NPS thread, P=BSPP thread, No Letter=NPT thread		
TeeJet Tip Strainers 	5053-*SS	Brass with Stainless Steel Screen	\$3.16
	6051-SS-*	Stainless Steel Throughout	\$12.38
	8079-PP-*	Polypropylene with Stainless Steel Screen	\$1.35
	5054-*SS	Extra Long, Brass w/ Stainless Steel Screen	\$10.83
	4067-SS-*	Cup Strainer, Stainless Steel	\$1.75
	4514-*	Slotted Strainer, Brass	\$1.51
	4514-NY-*	Slotted Strainer, Nylon	\$1.42
	9106	Fused Bronze Filter	\$3.39
TeeJet Check Valves 	4193B-*SS	Brass with Stainless Steel Screen	\$5.52
	4193B-SS-*SS	Stainless Steel Throughout	\$21.66
	4193B-PP-*SS	Poly w/ SS Screen and Viton Ball	\$4.39
	4193B-PP-*SS-SS	Poly w/ SS Screen & Ball	\$7.66
	11750-*	Brass	\$7.28
	11750-SS-*	Stainless Steel	\$23.21
	11750-PP-*	Polypropylene	\$6.20
	39188-8400-406-SS	Hose Shank Check Valve, SS	\$37.65
	39188-8400-540-SS	Hose Shank Check Valve, SS	\$41.15
TeeJet Hose Shanks 	4251-250, etc.	Brass	\$3.56
	4251-250-SS, etc	Stainless Steel	\$7.32
	8400-406, -500-NYB	Nylon	\$1.18
	8400-T-406-NYB	Nylon	\$1.18
	Note: Hose I.D.: 250=1/4", 406=3/8", 500=1/2"		
TeeJet Caps 	CP1325	Brass	\$1.54
	CP1325-SS	Stainless Steel	\$8.97
	CP8027-NYB	Nylon	\$1.04
	CP8027-1-NYB	Extra Long, Nylon	\$1.32
	CP18032A-NYB	Winged Cap, Nylon	\$1.42
	CP20230	Brass - For use w/ Ceramic Discs & Cores	\$1.82
	CP3819	Brass - for use w/ 3/4T & 3/4TT bodies	\$11.81
	CP3819-SS	SS - for use w/ 3/4T & 3/4TT bodies	\$33.45
TeeJet Adapters 	4676-1/2	Brass	\$9.55
	4676-1/8, 1/4, 3/8	Brass	\$3.12
	4676-3/4	Brass	\$13.13
	4676-ENP-1/8, 1/4, 3/8	Brass - Nickel Plated	\$3.53
	4676-SS-1/8, 1/4	Stainless Steel	\$10.49
	4676-NYB-1/8, 1/4	Nylon	\$2.57
	CP6250	Brass	\$4.96
	CP6250-I	Steel	\$5.68
	6406	Brass, 1/8 Adapter	\$5.25
	6406-I	Steel, 1/8 Adapter	\$7.41

* - Specify mesh size and/or opening pressure in PSI

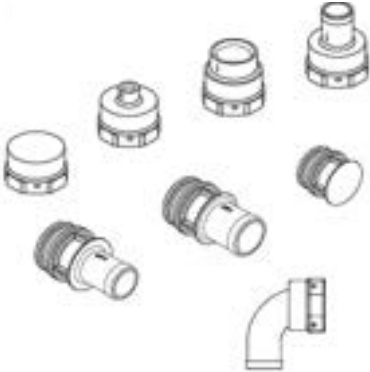
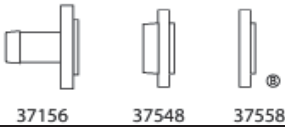
Boom Components

	Part No.	Description	Price
Hose Shank Connectors 	6053-400, -535	Brass	\$4.79
	6100-500, -675, -800	Brass	\$9.40
	10123-1/4-281	Brass	\$5.20
	8400-1/4-300,-406,-535-NYB	Nylon	\$1.41
	8400-3/8-406, -535-NYB	Nylon	\$1.84
	8400-1/2-406, -535, -660-NYB	Nylon	\$2.40
	8400-3/4-535,-660,-785-NYB	Nylon	\$2.58
	8400-T-406-NYB	Nylon	\$2.58
	13434-406-NYB	Nylon	\$4.86
	13435-406-NYB	Nylon	\$4.86
	13436-406-NYB	Nylon	\$4.86
	13437-540-NYB	Nylon	\$4.86
	13438-540-NYB	Nylon	\$4.86
	13439-540-NYB	Nylon	\$4.86
	Hose I.D.: 300=1/4", 400&406=3/8", 500&535=1/2" 660=5/8", 785=3/4"		
Pipe Plugs 	8400-1/4-PPB	Polypropylene	\$1.67
	8400-1/2-NYB	Nylon	\$2.21
	8400-3/4-NYB	Nylon	\$2.53
Hose Drops 	21353-6-15-NYB	Quick Jet Hose Drop w/ Gasket 15"/38cm	\$13.12
	21353-6-24-NYB	Quick Jet Hose Drop w/ Gasket 24"/61cm	\$13.12
	21354-15-NYB	TeeJet Hose Drop, Nylon 15"/38cm	\$8.68
	21354-24-NYB	TeeJet Hose Drop, Nylon 24"/61cm	\$9.67
Single Swivel Body Assemblies 	5000-1/8T, -1/4T	Brass	\$19.54
	5540-1/4TT	Brass	\$21.60
	7620-T	Brass	\$28.60
	8600-1/4T-NYB	Nylon	\$9.39
Double Swivel Body Assemblies 	6240-1/4TT	Brass	\$21.17
	5932-2-1/4T	Brass	\$38.12
	8600-2-1/4T-NYB	Nylon	\$11.33
Vari-Spacing Clamp Assmeblies 	AA111-1/2, 3/4, -1	Round Clamp Sub-assembly	\$5.03
	AA111-1-1/4	Round Clamp Sub-assembly	\$8.40
	AA111SQ-1	Square Clamp Sub-assembly	\$5.77
	AA111SQ-1-1/4	Square Clamp Sub-assembly	\$8.68
	AA111SQ-1-1/2	Square Clamp Sub-assembly	\$10.32
Vari-Spacing Clamps 	QJ111-1/2, -3/4, -1 or -1-1/4	Vari-Spacing Quick TeeJet Clamp	\$2.96
	QJ111SQ-3/4, -1, -1-1/4, -1-1/2	Vari-Spacing Quick TeeJet Clamp	\$2.96
	QJ111SQ-3/4-304SS	Stainless (Same sizes as QJ111SQ above)	\$6.48
	QJ111HP-3/4	3/4" High Profile QJ Clamp	\$11.31
Type T and TT Bodies 	CP1335	1/8T, Brass	\$2.51
	CP1336	1/8TT, Brass	\$2.51
	CP1321	1/4T, Brass	\$2.51
	CP1321-SS	1/4T-SS, Stainless Steel	\$16.45
	CP12094-NYB	1/4T-NY, Nylon	\$1.75
	CP1322	1/4TT, Brass	\$2.51
	CP1322-SS	1/4TT-SS, Stainless Steel	\$16.45
	CP8028-NYB	1/4TT-NYB, Nylon	\$1.80
	CP8108	1/4TT, Extra Long, Brass	\$8.70
	CP1323	3/4T, Brass	\$4.30
	CP1324	3/8TT, Brass	\$2.51
	CP1339	1/2T, Brass	\$9.06
	CP1340	1/2TT, Brass	\$9.06
	CP3817	3/4T, Brass	\$20.26
	CP3817-SS	3/4T, Stainless Steel	\$57.87
	CP3818	3/4TT, Brass	\$20.26
	CP3818-SS	3/4TT, Stainless Steel	\$57.87
	22669-1/4-PPB	45° Nozzle Body	\$1.96
	23220-*	Plug Valve	\$24.16
	20900-*	Ball Valve	\$63.85

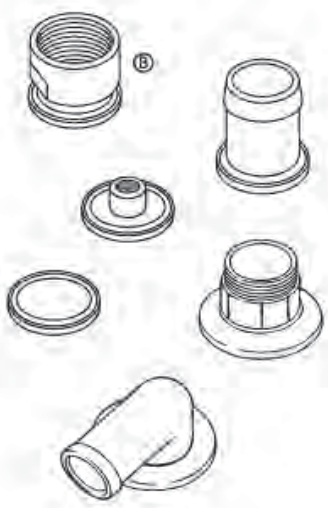
Boom Components

	Part No.	Description	Price
TeeJet Hose Shank Body Assemblies 	6471B-400TD	Brass	\$13.91
	6471-SS-C400TD	Stainless Steel	\$120.14
	6472B-400TD	Brass	\$13.91
	6472-SS-C400TD	Stainless Steel	\$120.14
	8120-NYB-406TD, -540TD	Nylon	\$3.48
	8121-NYB-406TD, -540TD	Nylon	\$3.48
	8124-NYB-406TD, -540TD	Nylon	\$3.48
	9191B-531TD	Brass	\$13.91
	9191-SS-C531TD	Stainless Steel	\$144.67
	9192B-531TD	Brass	\$13.90
	9192-SS-C531TD	Stainless Steel	\$144.67
	12201-CE-785TD, -1062TD	Acetal	\$14.91
	12202-CE-785TD, -1062TD	Acetal	\$14.91
	12670-406TD-NYB	Nylon	\$7.23
	12670-406TD-SS	Stainless Steel	\$56.65
	15427-296	Brass	\$9.94
	Hose I.D.: 296=1/4", 406=3/8", 540=1/2", 785=3/4", 1062=1"		
TeeJet Split-Eyelet Bodies 	25775-1/2T, -3/4T, -1T	With Nylon Clamp/Body	\$6.07
	7421-1/2T, -3/4T, 1T	With Brass Body	\$7.88
	7421-1/2T-SS, -3/4T, -1T	With Stainless Body	\$13.92
	7421SS-1/2T-SS, -3/4, -1T	With Stainless Throughout	\$23.19
	7421-1/2T-NYB, -3/4T, -1T	With Nylon Body	\$4.32
	7421-3/4TD	With Brass Body	\$10.89
	7421-1/2TD-SS, -3/4, -1	With Stainless Body	\$20.12
Split-Eyelet Connectors 	7521A-1/2x1/8 etc.	With Brass Body	\$9.44
	7521C-1/2x1/8 etc.	With Stainless Steel Body	\$14.14
	7521B-1/2x1/8 etc.	With Stainless Throughout	\$23.62
	8370A-1-1/4x	With Brass Body	\$16.35
	8370A-1-1/2x	With Brass Body	\$20.78
	8370A-2x	With Brass Body	\$24.41
	8370B-1-1/4x	Stainless Steel Throughout	\$38.90
	8370B-1-1/2x	Stainless Steel Throughout	\$45.80
	8370B-2x	Stainless Steel Throughout	\$49.22
	8370C-1-1/4x	With Stainless Steel Body	\$30.65
	8370C-1-1/2x	With Stainless Steel Body	\$35.54
	8370C-2x	With Stainless Steel Body	\$38.90
TeeJet Nozzle Bodies w/ Chemsaver 	4664B	Diaphragm Check Valve, Brass	\$31.62
	6135A-1/4, 3/8	Diaphragm Check Valve, Brass	\$47.16
	8355-1/8-NYB, 1/4 NYB	Diaphragm Check Valve Nylon	\$11.42
	8360-NYB	Diaphragm Check Valve, Nylon	\$18.16
	13430-1-NYB, -2, -3	Diaphragm Check Valve, Nylon	\$23.46
	13431-NYB	Diaphragm Check Valve, Nylon	\$18.78
	4666B	Brass	\$31.62
	6140A-1/4, -3/8	Brass	\$56.07
	10742A	Brass	\$41.83
	12328-1/2-NYB, 3/4-NYB	Nylon	\$95.93

TeeJet Flange & Manifold Fittings

Type	Part No.	Description	Price
Quick Connect Fittings for Valves & Manifolds 	45529-__	1/2,3/4,5/8,1" Straight Hose Barb	\$9.52
	45529-3/4M, -1M	3/4, -1" Straight Hose Barb x Male Quick Connect	\$9.52
	45529-90-__	1/2,3/4,5/8,1, 1-1/4" 90 Deg. Hose Barb	\$9.52
	45529-C	Quick Connect Cap	\$9.52
	45529-P	Quick Connect Plug	\$9.52
	45529-PTC-4-3/8	3/8" Push to Connect, 4 Outlets	\$43.66
Large Quick Connect Fittings for Valves & Manifolds 	(B)58456-1/4	Large quick connect x 1/4" F NPT *Gauge Port	\$18.41
	(B)58456-3/4	Large quick connect x 3/4" F NPT	\$18.41
	(B)58456-1	Large quick connect x 1" F NPT	\$18.41
	(B)58456-1-1/4, -1-1/2	Large quick connect x 1-1/4" or 1-1/2" F NPT	\$18.41
	58456-1000	Large quick connect x 1"/25mm hose barb	\$18.41
	58456-1250	Large quick connect x 1-1/4"/32mm hose barb	\$18.41
	58456-1500	Large quick connect x -1/2"/38 mm hose barb	\$18.41
	58456-2000	Large quick connect x 2"/51mm hose barb	\$18.41
	58456-C	Large quick connect cap	\$18.41
	58456-90-1000	1" Large quick connect 90 deg. hose barb	\$18.41
	58456-90-1250	1-1/4" Large quick connect 90 deg. hose barb	\$18.41
	58456-90-1500	1-1/2" Large quick connect 90 deg. hose barb	\$18.41
	58456-90-2000	2" Large quick connect 90 deg. hose barb	\$18.41
	58456-1250M	1-1/4" hose barb outlet x male large quick connect	\$18.41
AA440 Manifold Inlet/Bypass Connections 	CP37156-PP	1" Straight Hose Barb	\$9.33
	CP(B)37548-PP	1" Threaded Inlet	\$9.33
	CP37558-PP	Blank Inlet	\$9.33
	CP39584-PP	1-1/4" Straight Hose Barb	\$9.33
	CP37684-PP	1/4" Threaded Gauge Port	\$9.33
4-Bolt Manifold Flange Fittings 	CP98542-NYB	98542 Male Quick Connect End Cap	\$15.03
	CP116241-1-1/4-NYB	Bolted Flange Gauge Port 1/4" NPT	\$15.03
	CPB116241-1-1/4-NYB	Bolted Flange Gauge Port 1/4" BSPT	\$15.03
	CP116241-1-3/8-NYB	Bolted Flange Gauge Port 3/8" NPT	\$15.03
	CPB116241-1-3/8-NYB	Bolted Flange Gauge Port 3/8" BSPT	\$15.03
	CP116241-NYB	Flange End Cap	\$15.03
530A Clipped Fittings 	(B)191016-1/4	Clipped Gauge Port/Threaded Inlet 1/4" F	\$13.28
	(B)191016-3/4	Clipped Gauge Port/Threaded Inlet 3/4" F	\$13.28
	191016-90-*	90° F HB Inlet	\$1.28
	191016-90-*M	90° M HB Inlet	\$16.89
	191016-C	Clipped Cap Female	\$13.28
	191016-LQ	Large Quick Connect Female to Male	\$13.28
	191016-LQM	Large Quick Connect Male to Male	\$13.28
	191016-M	Clipped Double Male Adapter	\$13.28
	191016-P	Clipped Inlet Plug Male	\$13.28

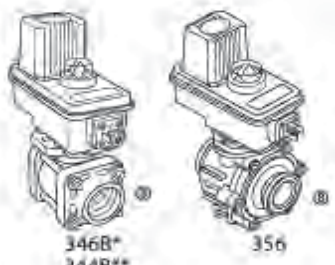
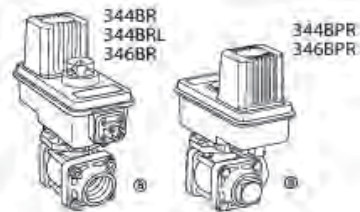
TeeJet Flange & Manifold Fittings

Type	Part No.	Description	Price
Flanged Fittings 	50 Series Flanged Fittings:		
	CP48150-PP	50 Series x 3/4" Hose Barb	\$2.20
	CP45504-PP	50 Series x 1" Hose Barb	\$2.20
	CP45505-PP	50 Series x 1-1/4" Hose Barb	\$2.20
	CP45506-PP	50 Series x 1-1/2" Hose Barb	\$2.48
	CP48151-PP	50 Series x 3/4" 90 deg Hose Barb	\$2.69
	CP48152-PP	50 Series x 1" 90 deg Hose Barb	\$2.69
	CP72238-PP	50 Series x 1-1/4" 90 deg Barb	\$7.18
	CP72239-PP	50 Series x 1-1/2" 90 deg Barb	\$7.18
	CP(B)48172-PP	50 Series x 3/4" MNPT	\$2.54
	CP(B)48155-PP	50 Series x 1" MNPT	\$2.54
	CP(B)48156-PP	50 Series x 1-1/2" MNPT	\$2.74
	CP(B)48154-PP	50 Series x 1" FPT	\$2.54
	CP(B)45512-PP	50 Series x 1-1/4" FPT	\$2.83
	CP(B,P)45508-1/4-PP	50 Series x 1/4" FPT	\$2.83
	CP(B,P)45539-3/8-PP	50 Series x 3/8" FPT	\$2.83
	CP45507-PP	50 Series x Blank	\$2.54
	CP46029-PP	50 Series x Male Quick Connect	\$5.39
	CP48157-PP	50 x 50 Series Straight Coupler	\$5.39
	CP48158-PP	50 x 50 Series Elbow Coupling	\$7.18
	CP(B)48159-PP	50 Series x 3/4" F NPT	\$2.54
	CP50193-PP	50 Series Tee Body	\$14.42
	CP55242-PP	50 Series Tee Body Narrow	\$14.42
	75 Series Flanged Fittings:		
	CP48160-PP	75 Series x 1-1/4" Hose Barb	\$5.81
	CP46067-PP	75 Series x 1-1/2" Hose Barb	\$5.81
	CP48161-PP	75 Series x 2" Hose Barb	\$5.81
	CP48162-PP	75 Series x 1-1/4" 90 deg Hose Barb	\$9.83
	CP48163-PP	75 Series x 1-1/2" 90 deg Hose Barb	\$9.83
	CP(B)48164-PP	75 Series x 2" 90 deg Hose Barb	\$9.83
	CP(B)48165-PP	75 Series x 1-1/4" MNPT	\$5.14
	CP(B)48166-PP	75 Series x 1-1/2" MNPT	\$5.14
	CP(B)46066-PP	75 Series x 1-1/2" FNPT	\$7.02
	CP(B)46127-1/4-PP	75 Series x 1/4" FNPT	\$7.02
	CP(B)46127-3/8-PP	75 Series x 3/8" FNPT	\$7.02
	CP46069-PP	75 Series x Blank	\$5.81
	CP48169-PP	75 Series x 75 Series Straight Coupling	\$15.03
	CP48168-PP	75 Series x 75 Series Elbow Coupling	\$13.44
	CP46716-PP	75 Series x 75 Series x 75 Series Tee	\$15.38
	CP46717-PP	75 Series x 75 Series x 50 Series Tee	\$14.42
	CP45207-NYB	75 Series x 50 Series Reducer	\$15.03
	CP45251-PP	450/75 Series Tee Body	\$21.73
	CP55224-PP	450/75 Series Tee Body Narrow	\$21.73
Flange Clamps 	46024	#50 Series 3-way Clamp & O-ring Kit	\$23.81
	55245-50	#50 Series SS Clamp & O-Ring Kit	\$12.37
	55245-75	#75 Series SS Clamp & O-Ring Kit	\$12.66
	48143	Bar Mounting Kit	\$15.59
	46070	#50 Series Nylon Clamp & O-ring Kit	\$18.60

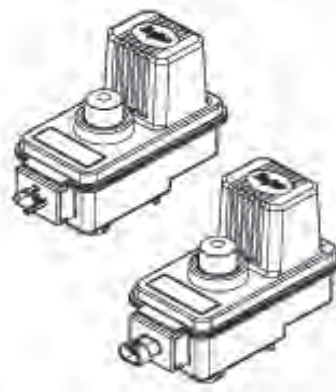
TeeJet Flow Meters

Type	Part No.	Description	Price
Flow Meters 	801	801 Meter w/ 50 Series Flanged Inlets	\$723.49
	801A	801 Meter w/ 430 Bolted Manifold Inlets	\$723.49
	D26-F75	D26 Meter w/ 75 Series Flanged Inlets	\$830.95
	802	802 Meter w/ 75 Series Flanged Inlets	\$774.51

DirectoValve Electrically Operated Valves

Type	Part No.	Description	Price
DirectoValve Ball Valves 	(B)344BEC-2-C or D	3/4, 1" flanged or quick connect 2-way elec. Shutoff ball valve	\$339.04
	(B)344BEC-3-C or D	3/4, 1" flanged or quick connect 3-way elec. Shutoff ball valve	\$414.96
	(B)344BE-2-C or D	3/4, 1" flanged or quick connect 2-way elec. Shutoff ball valve	\$339.09
	(B)344BE-3-C or D	3/4, 1" flanged or quick connect 3-way elec. Shutoff ball valve	\$414.96
	356BEC-C or D	Flanged 2-way elec. Shutoff trunnion valve	\$455.89
	(B)346BEC-2-C or D	1-1/4, 1-1/2" or flanged 2-way elec shutoff ball valve	\$632.60
	(B)346BEC-3-C or D	1-1/4, 1-1/2" or flanged 3-way elec shutoff ball valve	\$632.40
	(B) = BSPT		
Pressure Regulating Valves 	(B)344BR-2-C or D	3/4, 1" or flanged regulating ball valve	\$348.49
	(B)344BRL-2-C or D	3/4, 1" or flanged linear regulating ball valve	\$348.49
	(B)344BPR-2-C or D	3/4, 1" or flanged regulating ball valve	\$337.77
	(B)346BR-2-C or D	1-1/4, 1-1/2" or flanged regulating ball valve	\$729.46
	(B)346BPR-2-C or D	1-1/4, 1-1/2" or flanged regulating ball valve	\$729.46
	(B)346BPR-3-C or D	1-1/4, 1-1/2" or flanged regulating ball valve	\$729.46
	Note: Regulating valves are available in 1, 3, or 6 RPM PR valve cycle times are double that of R and RL regulating valves (B) = BSPT		
	*For 344 w/ mounting foot, specify 364B *For 346 w/ mounting foot, specify 366B		

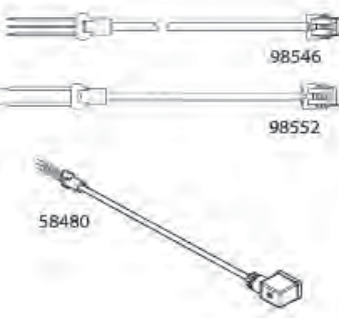
DirectoValve Replacement Shutoff Motor Heads

Type	Part No.	Description	Price
Replacement Motors 	50515-22CP**	BEC Shutoff Motor, Cable, Pos Switched	\$287.24
	50515-22CN**	BEC Shutoff Motor, Cable, Neg Switched	\$287.24
	50515-22DP	BEC Shutoff Motor, DIN, Pos Switched	\$287.24
	50515-22DN	BEC Shutoff Motor, DIN, Neg Switched	\$287.24
	50515-22P	BEC Shutoff Motor, Less Cable, Pos Switched	\$271.50
	50515-22N	BEC Shutoff Motor, Less Cable, Neg Switched	\$271.50
	50533-22C**	BEC Shutoff Motor, Cable	\$287.24
	50533-22D	BEC Shutoff Motor, DIN	\$287.24
	50533-22	BE Shutoff Motor, Less Cable	\$287.24
	50994-22CP**	BEC Normally Open Motor, Cable, Pos Switched	\$287.24
	50994-22CN**	BEC Normally Open Motor, Cable, Neg Switched	\$287.24
	50994-22DP	BEC Normally Open Motor, DIN, Pos Switched	\$287.24
	50994-22DN	BEC Normally Open Motor, DIN, Neg Switched	\$287.24
	50994-22P	BEC Normally Open Motor, Less Cable, Pos Switched	\$271.50
	50994-22N	BEC Normally Open Motor, Less Cable, Neg Switched	\$271.50
	**Specify Cable Length: 05(.05m), 15(1.5m), 30(3.0m), 60(6.0m)		
	*Prices Shown for 03 & 05 Cable Lengths		

DirectoValve Replacement Valve Body Assemblies

Type	Part No.	Description	Price
	56601-2-*	344, 2-Way Poly Ball	\$237.37
	56601-2-*-SS	344, 2-Way SS Ball	\$327.49
	56601-3-*	344, 3-Way Poly Ball	\$290.51
	56601-3-*-SS	344, 3-Way SS Ball	\$380.62
	56601-2PR-*	344, 2-Way, PR Poly Ball	\$237.37
	56601-2RL-*	344, 2-Way, RL Poly Ball	\$237.37
	56601-2RL-*-SS	344, 2-Way, RL SS Ball	\$327.49
	56603-2-*	346, 2-Way Poly Ball	\$458.88
	56603-2-*-SS	346, 2-Way SS ball	\$600.73
	56603-3-*	346, 3-Way Poly Ball	\$458.88
	56603-3PR-*	346, 3-Way, PR Poly Ball	\$454.34
	56605	356, 2-Way SS Trunnion	\$312.78
	56607-2-*	440, 2-Way, Poly Ball	\$247.49
	56607-2-*-SS	440, 2-Way, SS Ball	\$337.61
	56609-2(N)-*	450, 2-Way, Poly Ball	\$243.35
	56609-2(N)-*-SS	450, 2-Way, SS Ball	\$326.94
	56609-3FB-*	450, Flowback, Poly Ball	\$290.24
	56609-3FB-*-SS	450, Flowback, SS Ball	\$337.14
	56611-2-*	460, 2-Way, SS Ball	\$291.21
	56611-3C-*	460, 3-Way, SS Ball	\$473.65
	56611-3E-*	460, 3-Way, SS Ball	\$327.54

TeeJet Adapter Cables for Ball Valves, Manifolds, & E-ChemSaver

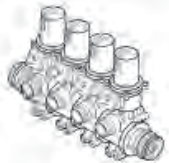
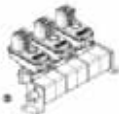
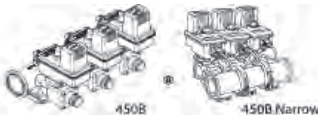
Type	Part No.	Description	Price
	98552-05	0.5 Meter MetriPack 2-Wire Adapter Cable	\$16.71
	98552-15	1.5 Meter MetriPack 2-Wire Adapter Cable	\$21.53
	98552-30	3.0 Meter MetriPack 2-Wire Adapter Cable	\$28.04
	98552-60	6.0 Meter MetriPack 2-Wire Adapter Cable	\$34.51
	95552-2-05	0.5 Meter MetriPack 2-Wire Adapter Cable Sealed	\$25.77
	98552-2-15	1.5 Meter MetriPack 2-Wire Adapter Cable Sealed	\$30.97
	98552-2-30	3.0 Meter MetriPack 2-Wire Adapter Cable Sealed	\$37.33
	98552-2-60	6.0 Meter MetriPack 2-Wire Adapter Cable Selaed	\$41.45
	98546EC-05	0.5 Meter MetriPack 3-Wire Adapter Cable	\$16.71
	98546EC-15	1.5 Meter MetriPack 3-Wire Adapter Cable	\$21.53
	98546EC-30	3.0 Meter MetriPack 3-Wire Adapter Cable	\$28.04
	98546EC-60	6.0 Meter MetriPack 3-Wire Adapter Cable	\$34.51
	58480-0	Mini-DIN Connector	\$5.21
	58480E(C)-05	0.5 Meter Mini-DIN w/ Flying Leads	\$17.02
	58480E(C)-05-*	0.5 Meter Mini-DIN w/ Faston Connection	\$32.88
	58480E(C)-05-**	0.5 Meter Mini-DIN w/ Connector	\$32.88
	58480E(C)-15	1.5 Meter Mini-DIN w/ Flying Leads	\$20.75
	58480E(C)-15-*	1.5 Meter Mini-DIN w/ Faston Connection	\$37.00
	58480E(C)-15-**	1.5 Meter Mini-DIN w/ Connector	\$37.70
	58480E(C)-30	3.0 Meter Mini-DIN w/ Flying Leads	\$34.80
	58480E(C)-30-*	3.0 Meter Mini-DIN w/ Faston Connection	\$50.67
	58480E(C)-30-**	3.0 Meter Mini-DIN w/ Connector	\$50.67
<i>Note: Eversion = 2-wire, EC Version = 3-wire</i>			

DirectoValve Electric Manifold Valves

All "B" Type DirectoValves are available with cable (C), DIN (D), Deutsch (Q) or Metripack (P) connectors

All "430" & "530" DirectoValves are available with Metripack (P), DIN (D), Deutsch (Q) connectors

All "540" DirectoValves are available with Metripack (P) connectors

Type	Part No.	Description	SS Ball	Poly Ball
430 2-Way Manifold 	Stainless Steel Ball/Stem			-
	431EC-2-P or (D,Q)	2 Way Directo Valve-Single	\$253.39	-
	432EC-2-P or (D,Q)	2 Way Directo Valve-Double	\$460.20	-
	433EC-2-P or (D,Q)	2 Way Directo Valve-Triple	\$667.22	-
	434EC-2-P or (D,Q)	2 Way Directo Valve-Four	\$891.85	-
	435EC-2-P or (D,Q)	2 Way Directo Valve-Five	\$1,114.81	-
440B 2-Way Manifold 	(B)441BEC-C or (D,Q,P)	DirectoValve Manifold	-	\$423.20
	(B)442BEC-C or (D,Q,P)	DirectoValve Manifold	-	\$818.29
	(B)443BEC-C or (D,Q,P)	DirectoValve Manifold	-	\$1,218.53
	(B)444BEC-C or (D,Q,P)	DirectoValve Manifold	-	\$1,616.34
	(B)445BEC-C or (D,Q,P)	DirectoValve Manifold	-	\$2,011.94
450B 2-Way Manifold 	(B)451BEC-2(N)-C or (D,Q,P)	DirectoValve Manifold	-	\$347.66
	(B)452BEC-2(N)-C or (D,Q,P)	DirectoValve Manifold	-	\$717.02
	(B)453BEC-2(N)-C or (D,Q,P)	DirectoValve Manifold	-	\$1,134.71
	(B)454BEC-2(N)-C or (D,Q,P)	DirectoValve Manifold	-	\$1,439.65
	(B)455BEC-2(N)-C or (D,Q,P)	DirectoValve Manifold	-	\$1,792.89
460B 2-Way Manifold 	(B)461BEC-2-C or (D,Q,P)	2-Way DirectoValve Manifold	\$415.98	-
	(B)462BEC-2-C or (D,Q,P)	2-Way DirectoValve Manifold	\$850.31	-
	(B)463BEC-2-C or (D,Q,P)	2-Way DirectoValve Manifold	\$1,284.67	-
	(B)464BEC-2-C or (D,Q,P)	2-Way DirectoValve Manifold	\$1,719.03	-
	(B)465BEC-2-C or (D,Q,P)	2-Way DirectoValve Manifold	\$2,153.39	-
470B 2-Way Manifold 	(B)471BEC-C or (D,Q,P)	DirectoValve Manifold	-	-
	(B)472BEC-C or (D,Q,P)	DirectoValve Manifold	-	-
	(B)473BEC-C or (D,Q,P)	DirectoValve Manifold	-	-
	(B)474BEC-C or (D,Q,P)	DirectoValve Manifold	-	-
	(B)475BEC-C or (D,Q,P)	DirectoValve Manifold	-	-
490B 2-Way Manifold 	(B)491BEC-C or (D,Q,P)	356 Trunnion Valve Manifold	\$504.83	-
	(B)492BEC-C or (D,Q,P)	356 Trunnion Valve Manifold	\$1,022.07	-
	(B)493BEC-C or (D,Q,P)	356 Trunnion Valve Manifold	\$1,539.31	-
	(B)494BEC-C or (D,Q,P)	356 Trunnion Valve Manifold	\$2,056.57	-
	(B)495BEC-C or (D,Q,P)	356 Trunnion Valve Manifold	\$2,573.81	-
530A 2-Way Manifold 	C530A 2-Way Clipped Manifold 	Plunger Valve		
		C530AEC-2-P or (D,Q)	Clipped 2-Way DirectoValve Manifold	\$188.00
		531AEC-2-P or (D,Q)	2-Way DirectoValve Manifold	\$237.65
		532AEC-2-P or (D,Q)	2-Way DirectoValve Manifold	\$428.73
		533AEC-2-P or (D,Q)	2-Way DirectoValve Manifold	\$620.00
		C533AEC-2-P or (D,Q)	Clipped 2-Way DirectoValve Manifold	-
		534AEC-2-P or (D,Q)	2-Way DirectoValve Manifold	\$828.87
		535AEC-2-P or (D,Q)	2-Way DirectoValve Manifold	\$1,036.10
		C535AEC-2-P or (D,Q)	Clipped 2-Way DirectoValve Manifold	-
540 2-Way Manifold 	Plunger Valve			
	541EC-2	2-Way DirectoValve Manifold	\$325.54	-
	542EC-2	2-Way DirectoValve Manifold	\$663.20	-
	543EC-2	2-Way DirectoValve Manifold	\$1,000.89	-
	544EC-2	2-Way DirectoValve Manifold	\$1,338.61	-
	545EC-2	2-Way DirectoValve Manifold	\$1,676.26	-
Power cable NOT included. 98546-* Must be ordered separately				

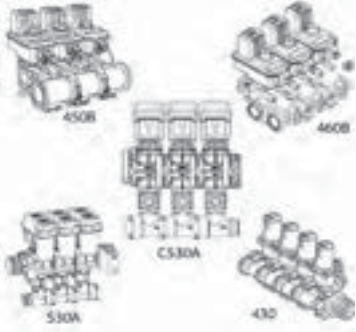
All Manifold assemblies also available w/ variety of inlets/outlets

(B) = BSPT

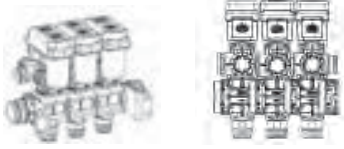
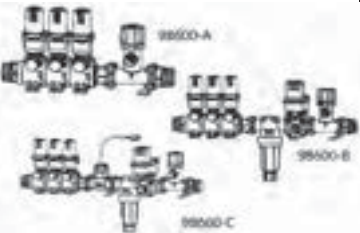
DirectoValve Electric Manifold Valves

All "B" Type DirectoValves are available with cable (C), DIN (D), Deutsch (Q) or Metripack (P) connectors

All "430" & "530" DirectoValves are available with Metripack (P), DIN (D), Deutsch (Q) connectors

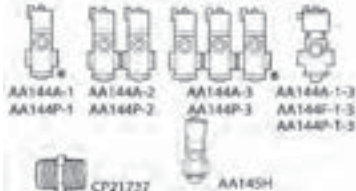
Type	Part No.	Description	SS Ball	Poly Ball
430, 450B, 460B & 530A Flow Back Valves 	431EC-3FB-D or (P,Q)	DirectoValve Flow Back Manifold	\$273.67	-
	433EC-3FB-D or (P,Q)	DirectoValve Flow Back Manifold	\$728.04	-
	435EC-3FB-D or (P,Q)	DirectoValve Flow Back Manifold	\$1,213.40	-
	(B)451BEC-3FB-C or (D,Q,P)	DirectoValve Flow Back Manifold	\$382.37	-
	(B)453BEC-3FB-C or (D,Q,P)	DirectoValve Flow Back Manifold	\$1,194.94	-
	(B)455BEC-3FB-C or (D,Q,P)	DirectoValve Flow Back Manifold	\$1,972.18	-
	(B)461BEC-3FB-C or (D,Q,P)	DirectoValve Flow Back Manifold	\$718.22	-
	(B)463BEC-3FB-C or (D,Q,P)	DirectoValve Flow Back Manifold	\$2,201.91	-
	(B)465BEC-3FB-C or (D,Q,P)	DirectoValve Flow Back Manifold	\$3,686.20	-
	C530AEC-FB-D or (P,Q)	Clipped DirectoValve Flow Back	-	-
	531AEC-FB-D or (P,Q)	DirectoValve Flow Back Manifold	\$273.65	-
	533AEC-FB-D or (P,Q)	DirectoValve Flow Back Manifold	\$728.04	-
	C533AEC-FB-D or (P,Q)	Clipped DirectoValve Flow Back	-	-
	535AEC-FB-D or (P,Q)	DirectoValve Flow Back Manifold	\$1,213.39	-
	C535AEC-FB-D or (P,Q)	Clipped DirectoValve Flow Back	-	-

DirectoValve Electric Manifold 3-Way Valves

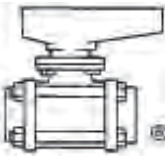
Type	Part No.	Description	Price
430 3-Way Manifold 	Stainless Steel Ball & Stem		
	431EC-3-P or (D,Q)	Shut-off/bypass DirectoValve Manifold	\$303.55
	433EC-3-P or (D,Q)	Shut-off/bypass DirectoValve Manifold	\$770.04
	435EC-3-P or (D,Q)	Shut-off/bypass DirectoValve Manifold	\$1,453.36
460B 3-Way Manifold (E) 	Stainless Steel Ball & Stem		
	(B)461BEC-3E-C or (D,Q,P)	Shut-off/bypass DirectoValve Manifold	\$674.44
	(B)463BEC-3E-C or (D,Q,P)	Shut-off/bypass DirectoValve Manifold	\$2,070.49
	(B)465BEC-3E-C or (D,Q,P)	Shut-off/bypass DirectoValve Manifold	\$3,508.80
460B 3-Way Manifold(C) 	Stainless Steel Ball & Stem		
	(B)461BEC-3C-C or (D,Q)	Shut-off/bypass DirectoValve Manifold	\$595.74
	(B)463BEC-3C-C or (D,Q)	Shut-off/bypass DirectoValve Manifold	\$1,834.40
	(B)465BEC-3C-C or (D,Q)	Shut-off/bypass DirectoValve Manifold	\$3,073.10
530A 3-Way Manifold C530A 3_Way Clipped Manifold 	Plunger Valve		
	C530AEC-3-P or (D,Q)	Clipped 3-Way DirectoValve Manifold	\$265.44
	531AEC-3-P or (D,Q)	3-Way DirectoValve Manifold	\$287.81
	533AEC-3-P or (D,Q)	3-Way DirectoValve Manifold	\$813.59
	C533AEC-3-P or (D,Q)	Clipped 3-Way DirectoValve Manifold	-
	535AEC-3-P or (D,Q)	3-Way DirectoValve Manifold	\$1,374.65
	C535AEC-3-P or (D,Q)	Clipped 3-Way DirectoValve Manifold	-
430 Control Valve Assemblies 	98600-A-435EC	2-Way Manifold with Pressure Relief Valve	\$1,250.40
	98601-A-435EC	Flow Back Manifold with Pressure Relief Valve	\$1,348.96
	98602-A-435EC	3-Way Manifold with Pressure Relief Valve	\$1,588.96
	98600-B-435EC	2-Way Manifold with Strainer, PRV & Reg Valve	\$1,679.14
	98601-B-435EC	Flow Back Manifold w/ Strainer, PRV & Reg Valve	\$1,814.82
	98602-B-435EC	3-Way Manifold w/ strainer, PRV, & Reg Valve	\$2,017.71
	98600-C-435EC	2-Way w/ Flow meter, PRV, Str, Reg Valve	\$2,402.57
	98601-C-435EC	Flow Back w/ Flow Meter, PRV, Str, Reg Valve	\$2,501.16
	98602-C-435EC	3-Way w/ Flow Meter, PRV, Str, Reg Valve	\$2,741.13

Manifold & control valve assemblies are available in a variety of sizes, configurations, inlets/outlets

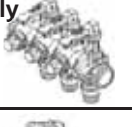
TeeJet Solenoid Valves

Type	Part No.	Description	Price
DirectValve Control Valves Electronically Operated 	AA(B)144A-1	Poly (100 PSI/7 Bar, 10GPM/37.9 l/min rating)	\$171.27
	AA(B)144A-2	Poly (100 PSI/7 Bar, 10GPM/37.9 l/min rating)	\$346.94
	AA(B)144A-3	Poly (100 PSI/7 Bar, 10GPM/37.9 l/min rating)	\$522.63
	AA(B)144P-1	Poly (100 PSI/7 Bar, 10GPM/37.9 l/min rating)	\$236.03
	AA(B)144P-2	Poly (100 PSI/7 Bar, 10GPM/37.9 l/min rating)	\$471.97
	AA(B)144P-3	Poly (100 PSI/7 Bar, 10GPM/37.9 l/min rating)	\$707.85
	AA(B)144A-1-3	Poly (3 way, 65 PSI/4.5 bar, 8GPM/30 l/min rating)	\$233.04
	AA(B)144P-1-3	Poly (3 way, 65 PSI/4.5 bar, 8GPM/30 l/min rating)	\$283.17
	AA(B)144F-1-3	Poly (3 way, 65 PSI/4.5 bar, 8GPM/30 l/min rating)	\$191.90
	AA145H-1	Nylon (100 PSI/7 bar, 15 GPM/56.7 l/min rating)	\$392.10
	CP21737-NYB	3/4" Close Nipple Black Nylon (144A 144P 2-Way)	\$5.22

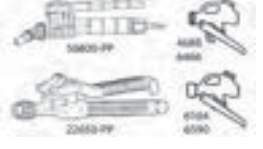
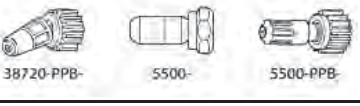
TeeJet Manually Operated Valves

Type	Part No.	Description	Price
DirectValve Ball Valves 	AA(B)343M-2-(3/8 or 1/2)- PP	Manual, 2 Way, Poly	\$48.68
	AA(B)343M-3-(3/8 or 1/2)-PP	Manual, 3 Way, Poly	\$58.86
	AA(B)344M-2-3/4" or 1"	Manual, 2 Way, Nylon	\$66.06
	AA344M-2-F	Manual, 2 Way, Nylon	\$66.06
	AA(B)344M-3-3/4" of 1"	Manual, 3 Way, Nylon	\$79.87
	AA(B)344M-2-(3/4 or 1)-PP	Manual, 2 Way, Poly	\$49.85
	AA(B)344M-3-(3/4 or 1)-PP	Manual, 3 Way, Poly	\$60.30
	AA(B)346M-2-(1-1/4 or 1-1/2)-PP	Manual, 2 Way, Poly	\$80.08
	AA(B)346M-3-(1-1/4 or 1-1/2)-PP	Manual, 3 Way, Poly	\$97.10
Pressure Relief/Regulating Valves 	AA(B)110(1/4 or 3/8)-*-	Brass	\$61.21
	AA(B)110-1	Brass	\$270.69
	AA(B)110-1-DI	Ductile Iron	\$209.56
	AA(B)110-1-AL	Aluminum	\$173.91
	AA(B)110-1-1/4	Brass	\$278.08
	AA(B)110-(1-1/4 or 1-1/2)-DI	Ductile Iron	\$217.55
	AA(B)110-(1-1/4 or 1-1/2)-AL	Aluminum	\$188.49
	AA(B)110-1-1/2	Brass	\$278.08
	(B)6815-1/2, -3/4	Brass	\$114.85
	(B)6815G-1/2-300, 3/4-300	With Guid Vane, Brass (300 PSI/20 bar)	\$149.45
	(B)6815G-1/2-700, -3/4-700	With Guid Vane, Brass (700 PSI/20 bar)	\$149.45
	(B)6815-1/2-HSS, -3/4-HSS	Brass w/ Hardened SS Valve Seats (not 1200)	\$114.85
	8460-1/2, -3/4	Nylon	\$70.05
	(B)23120-(1/2 or 3/4)-PP	Poly	\$38.18
	(B)23120A-(1/2 or 3/4)-PP	Poly w/ FKM and 316-SS	\$57.65
	(B)23120-1/2-PP-60-VI	Poly w/ FKM	\$57.65
	(B)23120-3/4-PP-60-VI	Poly w/ FKM	\$57.65
	118560	Pressure Relief Valve	\$65.63
	118570-1	Throttling Valve	\$62.26
	C118570	Clipped Throttling Valve	\$62.26
	C118560	Clipped Pressure Relief Valve	\$65.63
	C118570-1	Clipped Bottom Relief Throttling Valve	\$62.26
DirectValve Manually Operated Control Valve 	AA(B)6B	Manually Operated Control Valve	\$56.34
	CP21737-NYB	3/4" Close Nipple Black Nylon	\$5.22

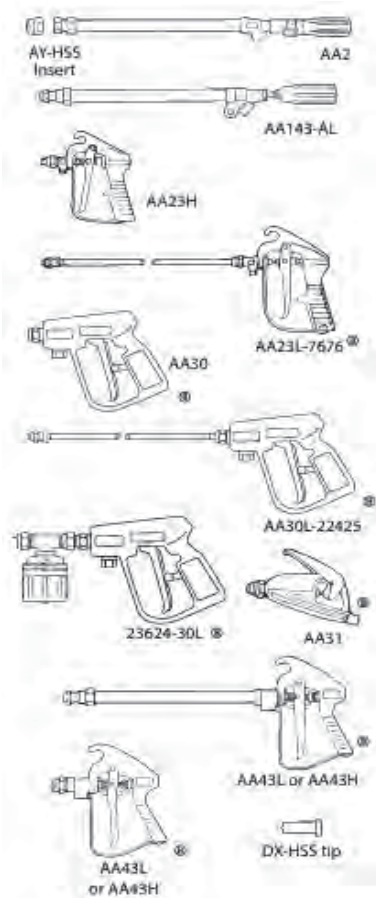
TeeJet Manually Operated Valves

Type	Part No.	Description	Price
530A 2-Way Manually Operated Manifold 	115871	Manually Operated Single Valve	\$45.04
	C530AM-2	Manual, Clipped 2-Way Single Valve	\$45.04
	553AM-2	Manual, 2-Way 3 Section Manifold	\$199.99
	C533AM-2	Manual, Clipped 2-Way 3 Section Manifold	N/A
	535AM-2	Manual, 2-Way 5 Section Manifold	\$199.99
C530A 2-Way Manually Clipped Manifold 	C535AM-2	Manual, Clipped 2-Way 5 Section Manifold	\$199.99
530A 3-Way Manually Operated Manifold 	115857	Manually Operated Single Valve	\$76.66
	C530AM-3	Manual, Clipped 2-Way Single Valve	\$76.66
	533AM-3	Manual, 3-Way 3 Section Manifold	\$233.08
	C533AM-3	Manual, Clipped 3-Way 3 Section Manifold	N/A
	535AM-3	Manual, 3-Way 5 Section Manifold	N/A
C530A 3-Way Manually Clipped Manifold 	C535AM-3	Manual, Clipped 3-Way 5 Section Manifold	N/A
TeeValve Manual Control Valve 	AA17Y	Aluminum, w/ 1" NPT Inlet Connection	\$143.07
	AA17L	Aluminum, w/ 3/4" NPT Inlet Connection	\$143.07
Throttling Valves 	12690-1/2-NYB, -3/4-NYB	Nylon	\$102.91
	(B)23520-1/2-PP, -3/4-PP	Poly	\$33.08

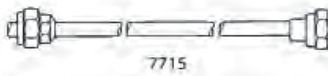
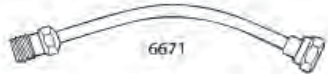
GunJet Spray Guns & Accessories

Type	Part No.	Description	Price
TeeJet Lawn Spray Gun 	25660-1.5,3.0, or 4.0	TeeJet Lawn Spray Gun with Nozzle	\$108.64
	(B)25660-0	TeeJet Lawn Spray Gun without Nozzle	\$95.16
	CP25670-*-NY	Nozzle for TeeJet Lawn Spray Gun	\$15.34
	25990-3/4 and -GH	Hose Shank Swivel	\$14.08
	25657-NYB	Lawn Gun Adapter	\$24.02
TriggerJet Spray Gun w/ Extension, Strainer & Tip 	(B)22670-PP-15-*	TriggerJet w/ Ext: Poly with Tip	\$48.46
	(B)22670-PP-24-*	TriggerJet w/ Ext: Poly with Tip	\$55.86
	(B)22570-PP-15-*	TriggerJet w/ Ext: Poly without Tip	\$43.62
	22570-PP-24-*	TriggerJet w/ Ext: Poly without Tip	\$50.83
	50800-15-PP-*	1/4 or 3/8 Barb 15" Ext., w/ Spray Tip	\$17.73
	50800-21-AL-*	1/4 or 3/8 Barb 21" Ext., w/ Spray Tip	\$21.18
Trigger Valves 	50800-P-*	TriggerJet Spray Gun Poly	\$13.62
	(B)22650-PP-*	TriggerJet, Poly	\$30.75
	4688	Brass	\$52.20
	6466	Brass, w/ Non-Locking Trigger	\$56.28
	6104	Brass	\$51.73
	6590	Brass, w/ Non-Locking Trigger	\$52.52
Adjustable ConeJet Tips 	38720-PPB-X8,-X12,-X18,-X26	Adjustable ConeJet Tip	\$7.23
	5500-PPB-*	Poly	\$9.79
	5500-*	Brass	\$25.47
	5780-AX	Brass	\$33.08
	13430-AY-HSS	Brass w/ hardened SS Orifice & Core Insert	N/A

GunJet Spray Guns

Type	Part No.	Description	Price
Spray Guns 	AA2	Brass, with AY-HSS - Orifice Insert	\$194.45
	AA2A	Brass, with AY-HSS - Orifice Insert	\$160.24
	AA2-AL	Aluminum, with AY-HSS - Orifice Insert	\$194.45
	AA2A-AL	Aluminum, with AY-HSS - Orifice Insert	\$123.34
	AY-HSS	Orifice Insert Only for #2 GunJet	\$10.49
	AA143-AL-3/4, -GH	GunJet Aluminum	\$100.33
	AA23L	Brass Inlet Body and Cap Less Tip	\$75.82
	AA23H	Brass Inlet Body and Cap Less Tip	\$77.94
	AA23L-7676-8	(with 8" Ext.) Brass with Cap, Less Tip	\$112.59
	AA23L-7676-18	(with 18" Ext.) Brass with Cap, Less Tip	\$120.03
	AA23L-7676-24	(with 24" Ext.) Brass with Cap, Less Tip	\$127.21
	AA23L-7676-36	(with 36" Ext.) Brass with Cap, Less Tip	\$137.48
	AA23L-7676-48	(with 48" Ext.) Brass with Cap, Less Tip	\$163.70
	AA(B)30L-PP	with Cap, Less Tip	\$57.73
	AA(B)30L	with Cap Less Tip	\$69.59
	AA(B)30-1/4	with Cap, Less Tip	\$69.59
	AA(B)30L-22425-8	(with 8" Ext.) Brass with Cap, Less Tip	\$109.70
	AA(B)30L-22425-18	(with 18" Ext.) Brass with Cap, Less Tip	\$116.89
	AA(B)30L-22425-24	(with 24" Ext.) Brass with Cap, Less Tip	\$123.90
	AA(B)30L-22425-36	(with 36" Ext.) Brass with Cap, Less Tip	\$142.32
	AA(B)30L-22425-48	(with 48" Ext.) Brass with Cap, Less Tip	\$160.24
	AA31	Brass with Cap, Less Tip	\$81.63
	AA31TL	with Trigger Lock, Brass with Cap, Less Tip	\$73.93
	(B)23623-31	MeterJet Spray Gun	\$145.61
	8604-	Inlet Strainer for No. 23L and No. 31 Guns	\$17.37
	AA(B)43L or 43H	Brass with D-Disc Tip	\$187.31
	AA(B)43L-AL or 43H-AL	Aluminum with D-Disc Tip	\$155.61
	AA(B)43LA or 43HA	Brass with D-Disc Tip	\$169.69
	AA(B)43LB,	Brass Less Cap and Tip	\$151.76
	AA(B)43LC 1/2, -3/4-43HB-1/2-3/4	Brass	\$150.63
	AA(B)43LD	Brass Less Cap and Tip	\$140.77
	AA(B)43HD	Brass Less Cap and Tip	\$150.63
	AA(B)43LA-AL or 43HA-AL	Aluminum with D-Disc Tip	\$149.06
	AA(B)43LB-AL or 43HB-AL	Aluminum, Less Cap and Tip	\$142.11
	AA(B)43LC-1/2, -3/4-43HC-12, -3/4AL	Aluminum	\$140.96
	AA(B)43LD-AL	Aluminum Less Cap and Tip	\$131.75
	AA(B)43HD-AL	Aluminum Less Cap and Tip	\$140.96
	DX-HSS	Tip for #43 GunJet, Hardened Stainless Steel	\$27.06
Spray Gun Accessories 	3056	Garden Hose Adapter, #46 Trigger Valve, Brass	\$11.46
	4676-3/4	Outlet Adapter, Brass, for #12 GunJet	\$13.13
	7029	(F) x 1/2" NPT (M) Inlet Adapter w/ Gasket Brass for #42 & #43 GunJet Spray Guns	\$14.13
	7599-1/4-ENP, -3/8-ENP	Inlet Adapter for #23 GunJet, Brass	\$4.79
	11740B	3/4" Gargen Hose Swivel, Brass	\$39.71
	11990-9	1/4" NPS Swivel, Brass	\$18.90
	11990-18, -19	1/2" NPT(M) Swivel Brass, #43 & #143 GunJet	\$40.15
	13212-3/8, -12	Garden Hose Adapter	\$5.95

GunJet Spray Guns & Accessories

Type	Part No.	Description	Price
Trigger Valve Extensions Less Tip, Strainer & Cap     	7715-8	8" Straight Extension	\$13.14
	7715-18	18" Straight Extension	\$16.55
	7715-24	24" Straight Extension	\$17.88
	7715-30	30" Straight Extension	\$21.41
	7715-36	36" Straight Extension	\$22.62
	7715-48	48" Straight Extension	\$27.38
	4673-8	8" Curved Ext. w/ Adjustable Body	\$21.97
	4673-18	18" Curved Ext. w/ Adjustable Body	\$25.55
	4673-24	24" Curved Ext. w/ Adjustable Body	\$26.85
	4673-30	30" Curved Ext. w/ Adjustable Body	\$29.55
	4673-36	36" Curved Ext. w/ Adjustable Body	\$31.60
	4673-48	48" Curved Ext. w/ Adjustable Body	\$36.16
	6671-8	8" Curved Ext. w/ Fixed Nozzle Body	\$15.35
	6671-18	18" Curved Ext. w/ Fixed Nozzle Body	\$18.71
	6671-24	24" Curved Ext. w/ Fixed Nozzle Body	\$19.30
	6671-30	30" Curved Ext. w/ Fixed Nozzle Body	\$21.86
	6671-36	36" Curved Ext. w/ Fixed Nozzle Body	\$24.87
	6671-48	48" Curved Ext. w/ Fixed Nozzle Body	\$28.75
	9527-8	8" High Pressure Curved Extension	\$41.34
	9527-18	18" High Pressure Curved Extension	\$47.84
	9527-24	24" High Pressure Curved Extension	\$49.01
	9527-36	36" High Pressure Curved Extension	\$63.53
	9527-48	48" High Pressure Curved Extension	\$68.73
	22665-15-PP	TriggerJet Extension	\$12.40
	22665-24-PP	TriggerJet Extension	\$20.63

TeeJet Tank Agitation & Container Rinsing Nozzles

Type	Part No.	Description	Price
Jet Agitators & Eductors   	6290-*	Brass	\$48.76
	6290-*-SS	Stainless Steel	\$123.71
	6290SC-*	With Suction Caps, Brass	\$44.39
	6290SC-*-SS	With Suction Caps, Stainless Steel	\$176.66
	Y33180-PP & Y9270-PP	Eductor Nozzle	\$67.80
	46550-1/4-PP	Eductor Nozzle	\$47.58
	4655-1-1/2-PP	Eductor Nozzle	\$125.64
Tank & Container Rinsing Nozzles    	55270-1/2-11-POM	Rinsing Nozzle	\$91.68
	55270-3/4-18-POM	Rinsing Nozzle	\$91.68
	D41892-1/2-POM-6	Rotary Rinsing Nozzle	\$200.49
	23240-3-5.7-316SS	Container Rinsing Nozzle	\$719.20
	23240-3-7-316SS	Container Rinsing Nozzle	\$748.07
	VSM-1/2 Nylon	Container Rinsing Nozzle (28-90)	\$44.68
	VSM-1/2	Nylon Container Rinsing Nozzle (140-190)	\$164.00

TeeJet Line Strainers

AA122 Line Strainers

 AA122	Strainer No.	Pipe Conn. NPT (F)	Material		Price Strainer & Screen	Screen No	Mesh	Price Screen Only		
			Head	Bowl						
 37270-122-PP	AA122-1/2-PP	1/2"	Poly	Poly	\$19.64	CP23174-1-304-SS	16	\$6.82		
	AA122ML-1/2-PP				\$21.39	CP23174-2-304SS	30	\$6.85		
	37270-122-1/2-PP				\$77.93	CP23174-7-304SS	200	\$12.54		
 AA122ML	AA122-3/4-PP	3/4"			Poly	Poly	\$19.64	CP45102-3-SSPP	50	\$7.52
	AA112ML-3/4-PP						\$21.39	CP45102-4-SSPP	80	
	37270-122-3/4-PP						\$77.93	CP45102-5-SSPP	100	
 AA122ML-QC	AA122ML-QC	QUICK CONNECT					\$39.96	CP45102-3-SSPP CP45102-4-SSPP CP45102-5-SSPP	50 80 100	\$7.52

AA124A Line Strainers

	Strainer No.	Pipe Conn. NPT (F)	Material		Price Strainer & Screen	Screen No	Mesh	Price Screen Only
			Head	Bowl				
 AA124A  AA124	AA124A-3/4-I	3/4"	Cast Iron	Nylon	\$100.85	CP16903-1-SSPP	16	\$14.57
	AA124A-3/4-AL		Alum		\$100.09	CP16903-3-SSPP	30	
	AA124A-1-I	1"	Cast Iron		\$100.85	CP16903-4-SSPP	50	
	AA124A-1-AL		Alum		\$100.09	CP16903-5-SSPP	80	
	AA124-1-1/4-I	1-1/4"	Cast Iron		\$157.29	CP15941-1-SSPP	16	\$20.51
	AA124-1-1/4-AL		Alum		\$155.65	CP15941-2-SSPP	30	
	AA124-1-1/2-I	1-1/2"	Cast Iron		\$157.29	CP15941-3-SSPP	50	
	AA124-1-1/2-AL		Alum		\$155.65	CP15941-4-SSPP	80	
	AA124-2-1	2"	Cast Iron		\$356.86	CP14634-1-SS	16	\$68.24
	AA124-2-AL		Alum		\$356.86	CP14634-2-SS	30	
	AA124-2-1/2-I	2-1/2"	Cast Iron		\$356.86	CP14634-3-SS	50	
	AA124-2-1/2-AL		Alum		\$356.86	CP14634-4-SS	80	

Parts for AA122 - 1/2" & 3/4"

CP23172-PP	Bowl Only	\$7.99
CP23173-EPR	Gasket	\$5.19

Parts for AA126 - 3/4" & 1"

CP50493-PP	Bowl Only	\$13.14
CP50494-EPR	Gasket	\$2.47

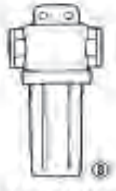
Parts for AA126 - 1-1/4" & 1-1/2"

CP48654-PP	Bowl Only	\$26.88
CP48656-EPR	Gasket	\$4.95



TeeJet Line Strainers

AA124ML Line Strainers with Mounting Lugs

	Strainer No.	Pipe Conn. NPT (F)	Material		Price Strainer & Screen	Screen No	Mesh	Price Screen Only
			Head	Bowl				
 AA124ML	AA124ML-3/4-AL	3/4"	Alum	Nylon	\$117.40	CP16903-1-SSPP	16	\$14.57
	AA124ML-1-AL	1"				CP16903-3-SSPP	30	
						CP16903-4-SSPP	50	
						CP16903-5-SSPP	80	
	AA124ML-1-1/4-AL	1-1/4"			\$180.57	CP15941-1-SSPP	16	\$20.51
	AA124ML-1-1/2-AL	1-1/2"				CP15941-2-SSPP	30	
						CP15941-3-SSPP	50	
						CP15941-4-SSPP	80	
	AA124ML-2-AL	2"			\$417.14	CP14634-1-SS	16	\$68.24
						CP14634-2-SS	30	
						CP14634-3-SS	50	
	AA124ML-2-1/2-AL	2-1/2"				CP14634-4-SS	80	

AA126-PP Flush-Out Strainer with Mounting Lugs

	Strainer No.	Pipe Conn. NPT (F)	Material		Price Strainer & Screen	Screen No	Mesh	Price Screen Only
			Head	Bowl				
 AA126-3 or 4  AA126-F50  AA126-F75  AA126-5 or 6	AA126ML-F50	50 Series Flange	Poly	Poly	\$36.23	CP16903-1-SSPP	16	\$14.57
	AA126ML-3	3/4" NPT				CP16903-3-SSPP	30	
						CP16903-4-SSPP	50	
						CP16903-5-SSPP	80	
	AA126ML-4	1" NPT				CP16903-6-SSPP	100	
						CP16903-7-SSPP	200	
	AA126ML-F75	75 Series Flange	Poly	Poly	\$74.13	CP15941-1-SSPP	16	\$20.51
						CP15941-2-SSPP	30	
						CP15941-3-SSPP	50	
	AA126ML-5	1-1/4" NPT				CP15941-4-SSPP	80	
						CP15941-5-SSPP	100	
	AA126ML-6	1-1/2" NPT				CP15941-6-SSPP	120	

AA124 Self-Cleaning Line Strainers

	Strainer No.	Pipe Conn. NPT (F)	Material		Price Strainer & Screen	Screen No	Mesh	Price Screen Only
			Head	Bowl				
 AA124A-SC	AA124A-3/4SC-AL	3/4"	Alum	Nylon	\$125.06	CP12285-1-SS	16	\$22.41
						CP12285-4-SS	30	
						CP12285-2-SS	50	
						CP12285-3-SS	80	
	AA124A-1SC-AL	1"				CP12285-6-SS	100	
	AA124-1-1/4SC-AL	1-1/4"	Alum	Nylon	\$216.57	CP12290-1-SS	16	\$39.19
						CP12290-2-SS	30	
						CP12290-3-SS	50	
						CP12290-4-SS	80	
	AA124-1-1/2SC-AL	1-1/2"				CP12290-8-SS	100	

TeeJet Line Strainers

Self-Cleaning Line Strainers with Mounting Lugs

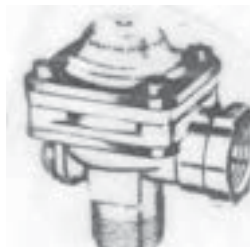
	Strainer No.	Pipe Conn. NPT (F)	Material		Price Strainer & Screen	Screen No	Mesh	Price Screen Only
			Head	Bowl				
 AA126ML-3 or 4SC	AA126MLSC-3	3/4"	Poly		\$56.00	CP12285-1-SS	16	\$22.41
	AA124ML-3/4SC-AL		Alum	Nylon	\$146.10	CP12285-4-SS	30	
	AA126MLSC-4	1"	Poly		\$56.00	CP12285-2-SS	50	
	AA124ML-1SC-AL		Alum	Nylon	\$146.10	CP12285-3-SS	80	
	AA126MLSC-F50	Flange	Poly		\$56.00	CP12285-6-SS	100	\$39.19
	AA126MLSC-5	1-1/4"	Poly		\$93.91	CP12290-1-SS	16	
	AA124ML-1-1/4SC-AL		Alum	Nylon	\$251.21	CP12290-2-SS	30	
	AA126MLSC-6	1-1/2"	Poly		\$93.91	CP12290-3-SS	50	
	AA124ML-1-1/2SC-AL		Alum	Nylon	\$251.21	CP12290-4-SS	80	
	AA126MLSC-F75	Flange	Poly		\$93.91	CP12290-8-SS	100	

TeeJet Sprayer Calibration & Accessories

Type	Part No.	Description	Price
Calibration Items  CP24034A-PP	CP24034A-PP	TeeJet Calibration Container	\$45.19
	CP20016-NY	TeeJet Cleaning Brush	\$10.03
Spray Check Papers  20301-	20301-1N	Water sensitive paper 1"x3" cards;50cards/pkg.	\$47.46
	20301-2N	Water sensitive paper 2"x3" cards;50cards/pkg.	\$78.81
	20301-3N	Water sensitive paper 1"x20" strips;25strips/pkg.	\$146.95
Accessories  CP116231-NYB	CP116231-NYB	e-ChemSaver Wrench	\$6.07
	CP116232-NY	Quick TeeJet Cap Tool	\$7.55

Diaphragm Check Valve

Part No.	Price
12328-1/2-NYB	\$95.93
12328-3/4-NYB	\$95.93
Diaphragm	
CP12335-FA (Fairprene)	\$4.49
CP12335-VI (Viton)	\$10.63



TeeJet Technical Information

Nozzle Spacing

If the nozzle spacing on your boom is different than those tabulated, multiply the tabulated GPA coverages by one of the following factors.

20" SPACING		30" SPACING		40" SPACING	
OTHER SPACING (IN)	CONVERSION FACTOR	OTHER SPACING (IN)	CONVERSION FACTOR	OTHER SPACING (IN)	CONVERSION FACTOR
8	2.5	26	1.15	28	1.43
10	2	28	1.07	30	1.33
12	1.67	32	0.94	32	1.25
14	1.43	34	0.88	34	1.18
16	1.25	36	0.83	36	1.11
18	1.11	38	0.79	38	1.05
22	0.83	40	0.75	42	0.95
24	0.71	42	0.71	44	0.91
30	0.66	44	0.68	48	0.83

Miscellaneous Conversion Factors

1 Acre	= 43,560 square feet
	= 43.56 1000 ft ² Blocks
	= 0.405 Hectare
1 Hectare	= 2.471 Acres
1 GPA	= 2.9 fl oz per 1000 ft ²
	= 9.35 L/ha
1 GAL per 1000 ft ²	= 43.56 GPA
1 Mile	= 5,280 ft; 1,610 m
	= 1.61 Kilometers
1 Gallon	= 128 fl oz; 8 Pints
	= 4 Quarts; 3.79 Liters
	= 0.83 Imperial Gallon
1 PSI	= 0.069 bar
	= 6.896 kilopascals
1 MPH	= 1.609 KPH

Suggested Minimum Spray Heights

The nozzle height suggestions in the table below are based on the minimum overlap required to obtain uniform distribution. However, in many cases, typical height adjustments are based on a 1:1 nozzle spacing to height ratio. For example, 110° flat spray tips spaced 20" apart are commonly set 20" above the target.

TIP MODEL	ANGLE	HEIGHT (INCHES)		
		20" SPACING	30" SPACING	40" SPACING
TP, TJ	65°	22-24	33-35	NR*
TP, XR, TX, DG, TJ, AI, XRC	80°	17-19	26-28	NR*
TP, XR, DG, TT, TTI, TJ, DGTJ, AI, AIXR, AIC, XRC, TTJ, AITTJ, TTI60, APTJ	110°	16-18	20-22	NR*
FullJet™	120°	10-18**	14-18**	14-18**
FloodJet™ TK, TF, K, QCK, QCTF, 1/4TTJ	120°	14-16***	15-17***	18-20***

* Not recommended

** Nozzle height based on 30°-45° angle of orientation

*** Wide angle spray tip height is influenced by nozzle orientation. The critical factor is to achieve a double spray pattern overlap.

Spray Coverage Information

This table lists the theoretical coverage of spray patterns as calculated from the included spray angle of the spray and the distance from the nozzle orifice. These values are based on the assumption that the spray angle remains the same throughout the entire spray distance. In actual practice, the tabulated spray angle does not hold for long spray distances.



INCLUDED SPRAY ANGLE	THEORETICAL COVERAGE AT VARIOUS SPRAY HEIGHTS							
	8"	10"	12"	15"	18"	24"	30"	36"
15°	2.1	2.6	3.2	3.9	4.7	6.3	7.9	9.5
20°	2.8	3.5	4.2	5.3	6.4	8.5	10.6	12.7
25°	3.5	4.4	5.3	6.6	8.0	10.6	13.3	15.9
30°	4.3	5.4	6.4	8.1	9.7	12.8	16.1	19.3
35°	5.0	6.3	7.6	9.5	11.3	15.5	18.9	22.7
40°	5.8	7.3	8.7	10.9	13.1	17.5	21.8	26.2
45°	6.6	8.3	9.9	12.4	14.9	19.9	24.8	29.8
50°	7.5	9.3	11.2	14.0	16.8	22.4	28.0	33.6
55°	8.3	10.3	12.5	15.6	18.7	25.0	31.2	37.5
60°	9.2	11.5	13.8	17.3	20.6	27.7	34.6	41.6
65°	10.2	12.7	15.3	19.2	22.9	30.5	38.2	45.8
73°	11.8	14.8	17.8	22.0	27.0	36.0	44.0	53.0
80°	13.4	16.8	20.2	25.2	30.3	40.3	50.4	60.4
85°	14.7	18.3	22.0	27.5	33.0	44.0	55.4	66.4
90°	16.0	20.0	24.0	30.0	36.0	48.0	60.0	72.0
95°	17.5	21.8	26.2	32.8	40.3	52.4	65.5	78.6
100°	19.1	23.8	28.6	35.8	43.0	57.2	71.6	85.9
110°	22.8	28.5	34.3	42.8	51.4	68.5	85.6	103
120°	27.7	34.6	41.6	52.0	62.4	83.2	104	
130°	34.3	42.9	51.5	64.4	77.3	103		
140°	43.8	54.8	65.7	82.2	98.6			
150°	59.6	74.5	89.5					

Miscellaneous Accessories

SpotOn® Sprayer Calibrator

Accurately measures flow rates
Fast and simple operation
Readings in 10 sec. or less



	<u>Part No.</u>	<u>Net Price</u>
SC-2 : Up to 2.5gpm	#38790	\$200.00
SC-5 : Up to 5 gpm	#38580	\$310.00

SpotOn® Tip Cleaner & Multi-Tool Combo Pack

Net Price
\$75.00



Spray tip cleaner and multi-tool
Plunger clears tips with a 50 PSI blast of air
Multi-tool includes, brush, pick, spanner wrench & utility hook

KESTRAL WIND METERS

1000 Series- Operating Modes Include:
wind speed, avg. speed, & max speed

2000 Series- Operating Modes Include:
same as 1000 plus temp/wind chill (displayed in C/F)

3000 Series- Operating Modes Include:
Same as 2000 plus relative humidity, heat index,
and dew point temp.

4000 Series- Operating Modes Include:
Same as 3000 plus barometric pressure, graphical
screen, altitude & density altitude range

Reads out in mph, knots, meters/second,
kilometers/Hr, feet/minute, & beaufort scales
with an accuracy of $\pm 3\%$.



<u>Part No.</u>	<u>Net</u>
KWM1000 Series	\$130.00
KWM2000 Series	\$175.00
KWM3000 Series	\$245.00
KWM4000 Series	\$410.00

Calibration Containers

<u>Part No.</u>	<u>Description</u>	<u>Price</u>
PC004	4oz Cylinder	\$8.00
PM80008	8oz Pitcher	\$13.00
PM80016	16oz pitcher	\$15.00
PM80032	32oz Pitcher	\$20.00
PM80064	64oz Pitcher	\$26.00
PM80128	128oz Pitcher	\$34.00
PM80384	3 Gallon Pitcher	\$72.00



Dura 5 Gallon Calibration Tank

<u>Part No.</u>	<u>Price</u>
DP-CALJUG	\$330.00

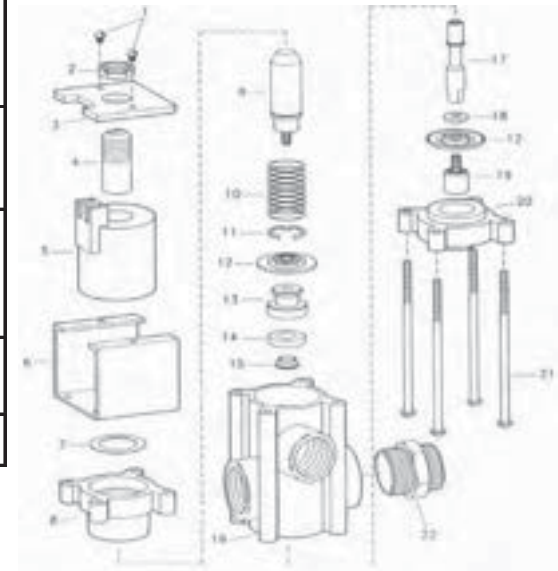


AA144A Directo Valve

ITEM NO.	PART NO.	DESCRIPTION	Price
1	CP14933-SS	Screw, SS (2 req.)	\$1.75
2	CP15168-IENP	Jam Nut	\$5.77
3	CP15166-I	Coil Cover	\$5.05
4	CP15161-IENP	Armature Stop	\$12.31
5	CP15163-NYB	Coil Assembly	\$56.73
6	CP14927-3-I	Strap	\$9.39
7	CP15169-SS	Washer	\$2.25
8	CP15164-NYB	Upper Diaphragm Housing	\$6.03
9	CP15170-IENP	Armature	\$22.66
10*+	CP15167-302SS	Spring	\$6.05
11	CP14813-1-IENP	Retainer Ring	\$2.25
12*	CP36101-EPR	Diaphragm, EPDM-Std (2 req.)	\$8.06
12+	CP36101-VI	Diaphragm, Viton-Opt. (2 req.)	\$18.12
13	CP14807-SS	Seat Washer Retainer	\$18.33
14*	CP14802-1-EPR	Seat Washer, EPDM-Std.	\$6.04
14+	CP14802-VI	Seat Washer, Viton-Opt.	\$21.85
15	CP14811-SS	Spacer	\$5.30
16	CP14801-PP	Body	\$16.29
17	CP14812-SS	Stem	\$20.75
18	CP14806-SS	Washer	\$6.07
19	CP15162-SS	Lower Diaphragm Piston	\$11.55
20	CP15165-NYB	Lower Diaphragm Housing	\$22.34
21	CP14819-SS	Screw, SS (4 req.)	\$2.06
22	CP21737-NYB	Connecting Nipple, Nylon	\$5.22
No. 144A-1, One complet unit			\$171.21
No. 144A-2, Two complete units			\$346.94
No. 144A-3, Three complete units			\$522.63
PK-AB144A-1-KIT		Items Marked w/*	\$30.79
PK-AB144A-1-VI-KIT		Items Markes w/+	\$46.04

Features Include:

- * 0-100 PSI
- * 3/4" NPT Inlet Ports
- * Polypropylene Body
- * 5 PSI Drop at 10 GPM
- * Good Corrosion Resistance



Model 144 Directo Valve

Discontinued (some parts available)

ITEM NO.	PART NO.	DESCRIPTION	Price
1	CP14814-IENP	Jam Nut	\$6.00
2	CP14933-SS	Screw (2 req'd)	\$1.75
3	14926-I	Coil Cover	N/A
4	14809-IENP	Armature Stop	N/A
5	14810-NY	12V Coil Assembly	N/A
6	14927-I	Strap	N/A
7	14816-IENP	Upper Diaphragm Housing	N/A
8	14815-IENP	Armature	N/A
9	CP14813-IENP	Retainer Ring	\$2.31
*10	14803-302SS	Spring	N/A
*11	CP14818-EPR	Diaphragm, EPDM Rubber	\$11.83
12	CP14806-SS	Washer (2 req'd)	\$6.07
13	CP14807-SS	Seat Washer Retainer	\$18.33
*14	CP14802-EPR	Seat Washer	\$6.24
15	CP14811-SS	Spacer	\$5.30
16	CP14801-PP	Body	\$16.29
17	CP14812-SS	Stem	\$20.75
18	14817-SS	Lower Diaphragm Piston	N/A
19	14808-SS	Lower Diaphragm Housing	N/A
20	CP14804-1-I	Bottom Plate	\$5.90
*21	CP14878-R	Boot, EPDM Rubber	\$7.99
22	CP14819-SS	Screw (4 req'd)	\$2.06
*23	8432-BU	Gasket (for 144-2 & 3)	N/A
	PK-AB144-1 Kit	Repair Parts Kit Marked *	\$30.79

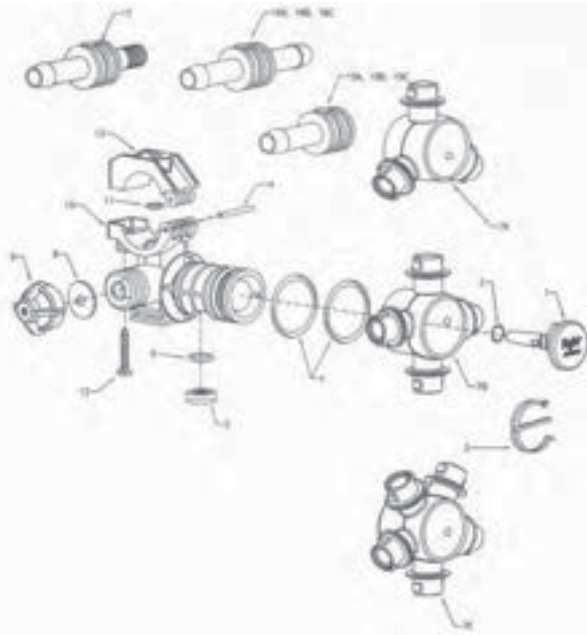
Parts for these valves are becoming discontinued everyday.

Please Call - some of the items listed as N/A

we may have a few left on the shelf.

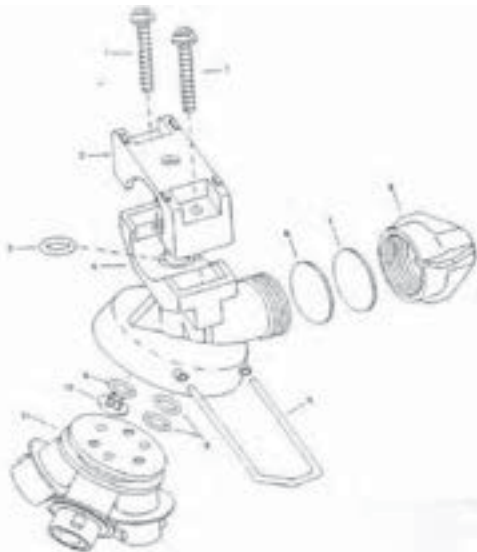


Spray Systems Boom Component Breakdown



ITEM	PART NO.	DESCRIPTION
1	CP38930-8-NYB	Plug, Nylon (Black)
2	CP7717-2-13-EPR	O-Ring, EPDM
	CP7717-2-13-VI	O-Ring, Viton (Optional)
3	CP38931-NYB	E-Clip, Nylon (Black)
4	CP7717-M28x3-EPRTFE	O-Ring, EPR-Teflon Filled (2 Req'd.)
	CP7717-M28x3-VITFE	O-Ring, Viton-Teflon Filled (2 Req'd.) (Optional)
5	CP56726-VITFE	Seal, Viton-Teflon Filled
6	CP7717-2-111-VI	O-Ring, Viton
7A	CP38921-2-NYB	Turret, Nylon (Black) (3 Outlet)
7B	CP38922-2-NYB	Turret, Nylon (Black) (4 Outlet)
7C	CP38923-3-NYB	Turret, Nylon (Black) (5 Outlet)
8	CP21953-EPR	Diaphragm, EPDM
	CP21953-VI	Diaphragm, Viton (Optional)
9	21950-10-NYB	End Cap Sub-assembly, Nylon (Black)
10	CP38925-2-NYB	3/4" Body, Nylon (Black)
	CP7717-2-110-BU	O-Ring, Buna-N
11	CP7717-2-110-VI	O-Ring, Viton (Optional)
12	CP48255-1-1/4-302SS	Screw, Stainless Steel
13	CP48221-NYB	3/4" Upper Clamp, Nylon (Black)
14	CP48256-SS	Pivot Pin, Stainless Steel
15A	CP38936-NYB	1/2" Single Hose Barb, Nylon (Black)
15B	CP38938-NYB	3/4" Single Hose Barb, Nylon (Black)
15C	CP38940-NYB	1" Single Hose Barb, Nylon (Black)
16A	CP38937-NYB	1/2" Double Hose Barb, Nylon (Black)
16B	CP38939-NYB	3/4" Double Hose Barb, Nylon (Black)
16C	CP38941-NYB	1" Double Hose Barb, Nylon (Black)
17	CP38948-NYB	3/4" Hose Barb x 1/2" NPT, Nylon (Black)
No. QJ36_C-500-1(R)-NYB(-VI) - 1" Single Hose Barb Nozzle Body*		
No. QJ36_C-750-1(R)-NYB(-VI) - 3/4" Single Hose Barb Nozzle Body*		
No. QJ36_C-1000-1(R)-NYB(-VI) - 1" Single Hose Barb Nozzle Body*		
No. QJ36_C-500-2-NYB(-VI) - 1/2" Double Hose Barb Nozzle Body*		
No. QJ36_C-750-2-NYB(-VI) - 3/4" Double Hose Barb Nozzle Body*		
No. QJ36_C-1000-2-NYB(-VI) - 1" Double Hose Barb Nozzle Body*		
No. QJ36_C-1/2X750-NYB(-VI) - 1/2" NPT(m) by 3/4" Hose Barb Nozzle Body*		
*Notes: Specify Either 3, 4, or 5 in Part Number For Number of Outlets Desired,		
-VI in Part Number Specifies Viton O-Ring Option, R specifies right-handed single hose barb orientation (as viewed with plug facing you), left-handed orientation is standard		

Model # 24216



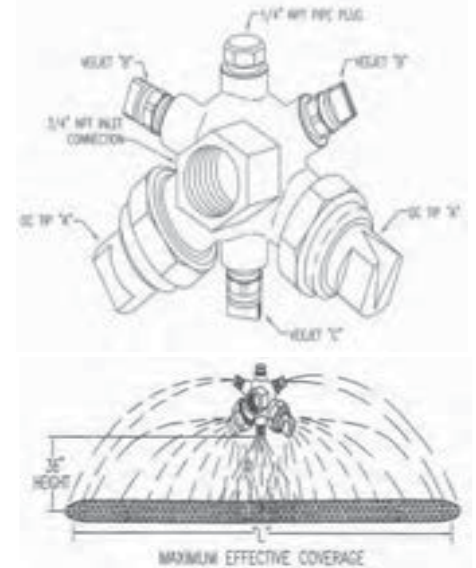
ITEM	PART NO.	DESCRIPTION
1	CP20123-1-1/4-430SS	SCREW, TYPE 430 STAINLESS STEEL (FOR 24216-1/2-NYB AND 24216-3/4-NYB)
	CP17674-1/3/8-430SS	SCREW, TYPE 430 STAINLESS STEEL (FOR 24216-1-NYB)
2	CP24226-NYB	UPPER CLAMP, NYLON (BLACK) FOR 24216-1/2-NYB
	CP24222-NYB	UPPER CLAMP, NYLON (BLACK) FOR 24216-3/4-NYB
	CP17553-PPB	UPPER CLAMP, POLYPROPYLENE (BLACK) FOR 24216-1-NYB
3	CP7717-2/110-BU	O-RING, BUNA-N
4	CP24225-NYB	MAIN BODY WITH LOWER CLAMP, NYLON (BLACK) FOR 24216-1/2-NYB
	CP24220-NYB	MAIN BODY WITH LOWER CLAMP, NYLON (BLACK) FOR 24216-3/4-NYB
	CP24227-NYB	MAIN BODY WITH LOWER CLAMP, NYLON (BLACK) FOR 24216-1-NYB
5	CP24221-304SS	CLIP, TYPE 304 STAINLESS STEEL
6	CP6227-TEF *	DIAPHRAGM, TEFLON (OPTIONAL)
7	CP21953-EPR	DIAPHRAGM, EPDM RUBBER
8	21950-10-NYB	CHEMSAVER® END CAP ASSEMBLY, NYLON (BLACK)
9	CP7717-2/109-EPR	O-RING, EPDM RUBBER (3 REQ'D)
10	CP24224-CE	INDEXING BUTTON, CELCON (GRAY)
11	24217-CE	INDEXING PLATE SUB-ASSEMBLY, CELCON (BLACK)

Miscellaneous Nozzles and Charts

BoomJet®

Boomless Nozzles for Wide Spray Applications

NOZZLE NO.	OC TIP "A"	VEEJET "B"	VEEJET "C"	LIQUID PRESSURE (PSI)	TOTAL CAPACITY (GPM)	COVERAGE "L" (FEET)	GALLONS PER ACRE							
							3 MPH	4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	15 MPH	
5880-3/4 -279C06	6735-0C06	H1/4W-1506	H1/4W-9502	15	1.59	33.0	8.0	6.0	4.8	4.0	3.0	2.4	1.6	
				20	1.84	33.5	9.1	6.8	5.4	4.5	3.4	2.7	1.8	
				30	2.25	34.0	10.9	8.2	6.6	5.5	4.1	3.3	2.2	
				40	2.60	34.5	12.4	9.3	7.5	6.2	4.7	3.7	2.5	
				60	3.18	35.0	15.0	11.2	9.0	7.5	5.6	4.5	3.0	
5880-3/4 -279C10	OC10	H1/4U-0508HE	H1/4W-11004	10	2.00	38.0	8.7	6.5	5.2	4.3	3.3	2.8	1.7	
				15	2.45	39.0	10.4	7.8	6.2	5.2	3.9	3.1	2.1	
				20	2.83	39.5	11.8	8.9	7.1	5.9	4.4	3.5	2.4	
				30	3.46	40.0	14.3	10.7	8.6	7.1	5.4	4.3	2.9	
				40	4.00	40.5	16.3	12.2	9.8	8.1	6.1	4.9	3.3	
5880-3/4 -279C20	OC20	H1/4U-0520HE	H1/4W-9506	10	4.30	41.0	17.3	13.0	10.4	8.7	6.5	5.2	3.5	
				15	5.27	43.0	20	15.2	12.1	10.1	7.6	6.1	4.0	
				20	6.08	47.0	21	16.0	12.8	10.7	8.0	6.4	4.3	
				30	7.45	50.0	25	18.4	14.8	12.3	9.2	7.4	4.9	
				40	8.60	52.0	27	20	16.4	13.6	10.2	8.2	5.5	
5880-3/4 -279C40	OC40	H1/4W-0540HE	H1/4U-9510	10	8.50	48.0	29	22	17.5	14.6	11.0	8.8	5.8	
				15	10.4	52.0	33	25	19.8	16.5	12.4	9.9	6.6	
				20	12.0	56.0	35	27	21	17.7	13.3	10.6	7.1	
				30	14.7	60.0	40	30	24	20	15.2	12.1	8.1	
				40	17.0	63.0	45	33	27	22	16.7	13.4	8.9	
				60	20.8	66.0	52	39	31	26	19.5	15.6	10.4	



5880-3/4 _ \$285.02

StreamJet®

- Visaflo color system
- 3 solid streams of equal velocity and capacity
- Removeable metering orifice for easy cleaning
- Nine sizes for a wide range of application rates
- Equally spaced distribution at 20" height



Part No.	Price
SJ3-__VP	\$ 9.84

Tip Color	Tip No. (Strainer Mesh Size)	Liquid Pressure (PSI)	Capacity 1 Nozzle (GPM)	Gallons per Acre - 20" Spacing							
Visaflo				4 mph	5 mph	6 mph	8 mph	10 mph	12 mph	15 mph	18 mph
GREEN	SJ3-015-VP (100)	20	0.11	11.2	8.4	6.7	5.0	4.2	3.4	2.8	2.3
		30	0.13	13.2	9.9	7.9	6.0	4.9	4.0	3.3	2.7
		40	0.15	14.9	11.1	8.9	7.4	5.9	4.5	3.7	3.0
		60	0.17	17.2	12.9	10.3	8.6	6.6	5.2	4.3	3.5
		80	0.19	19.1	14.2	11.6	9.5	7.3	5.8	4.7	3.8
YELLOW	SJ3-02-VP (50)	20	0.17	17.1	12.9	10.3	8.6	6.4	5.1	4.3	3.5
		30	0.20	19.8	14.9	11.9	9.9	7.4	5.9	5.0	4.1
		40	0.22	22	16.6	13.3	11.1	8.3	6.7	5.5	4.5
		60	0.24	23	17.4	14.0	11.6	8.7	7.0	5.8	4.7
		80	0.27	27	20	16.1	13.4	10.1	8.0	6.5	5.2
BLUE	SJ3-03-VP (50)	20	0.30	20	14.6	11.8	9.5	7.1	5.7	4.7	3.8
		30	0.35	26	17.4	14.0	11.6	8.7	7.0	5.8	4.7
		40	0.38	29	19.8	16.5	13.4	10.1	8.0	6.5	5.2
		60	0.41	32	21.7	17.8	14.6	11.1	8.9	7.4	5.9
		80	0.45	35	24	19.8	16.5	13.4	10.6	8.6	6.9
RED	SJ3-04-VP (50)	20	0.50	29	22	17.6	14.7	11.0	8.8	7.3	5.9
		30	0.58	35	27	21	17.7	13.3	10.6	8.9	7.4
		40	0.60	40	30	24	19.8	14.9	11.9	9.9	8.0
		60	0.67	46	35	28	23	17.3	13.9	11.6	9.5
		80	0.70	50	38	31	25	19.8	15.6	12.9	10.6
BROWN	SJ3-05-VP (50)	20	0.56	35	26	21	17.6	13.2	10.6	8.8	7.3
		30	0.65	45	33	27	22	16.7	13.4	11.1	9.1
		40	0.70	50	37	30	25	18.6	14.9	12.4	10.1
		60	0.79	58	44	35	29	22	17.4	14.6	11.9
		80	0.89	68	51	40	33	25	20.1	16.6	13.6
GRAY	SJ3-06-VP (50)	20	0.62	42	31	25	21	16.8	13.5	11.2	9.2
		30	0.72	52	38	31	26	20.9	15.9	13.3	10.8
		40	0.80	58	45	36	30	22	17.8	14.9	12.4
		60	0.90	70	52	42	35	26	21	17.4	14.6
		80	1.00	80	60	50	40	30	24	20.1	16.6
WHITE	SJ3-08-VP	20	0.56	56	42	33	28	21	16.7	13.9	11.2
		30	0.72	72	54	43	36	27	22	17.9	14.6
		40	0.80	79	59	48	40	30	24	20.1	16.6
		60	0.94	93	70	56	47	35	28	23	19.1
		80	1.19	118	88	71	59	45	35	29	23
C. BLUE	SJ3-10-VP	20	0.65	65	49	39	32	24	19.4	16.2	13.2
		30	0.90	89	67	54	45	34	27	22	18.1
		40	1.00	99	74	59	49	37	30	25	20.1
		60	1.19	118	88	71	59	45	35	29	23
		80	1.50	149	111	89	74	56	45	37	29
C. GREEN	SJ3-15-VP	20	0.90	99	74	60	49	37	30	25	20.1
		30	1.24	123	92	74	61	48	37	31	25
		40	1.50	149	111	89	74	56	45	37	31
		60	1.83	181	136	109	91	68	54	45	37
		80									

Application data is based on spraying water at 70° F.

Boom X Tender® Spray Tips

Hydra-Boom X Tender® Nozzles are designed for off-center and boomless spraying on roadsides, right of ways, pastures, dicing, etc. They produce a large droplet spray. Should be mounted and tested at a 30" nozzle height at 30-40 psi effective distance shown below at 30" high and 40 PSI. Tip streamers not necessary but will require a coarse inline strainer. The three-piece nozzle can be adjusted above or below horizontal for proper performance. 316 Stainless Steel body and orifice with replaceable polyurethane tip.

\$121.42

N/A

\$123.80

\$123.80

\$145.21

\$145.21

\$161.87

\$161.87

Nozzle Size (MNPT)	Pressure (PSI)	Flow Rate (GPM)	Gallons per Acre at swath shown MPH								GAL/1000'				Swath (Ft) at 40 PSI 48 in high
			4	5	6	8	10	12	15	20	2	3	4	5	
18 (1/4")	30	0.9	8.9	7.1	5.9	4.5	3.8	3.0	2.4	1.8	0.41	0.27	0.20	0.14	13
	40	1.0	9.9	7.9	6.4	5.0	4.0	3.3	2.6	2.0	0.45	0.30	0.23	0.18	
	50	1.1	10.9	8.7	7.3	5.4	4.4	3.6	2.9	2.2	0.50	0.33	0.25	0.20	
	60	1.2	11.9	9.5	7.9	5.9	4.8	4.0	3.2	2.4	0.55	0.36	0.27	0.22	
15 (1/4")	30	1.3	10.9	8.7	7.3	5.4	4.4	3.6	2.9	2.2	0.53	0.35	0.26	0.21	14
	40	1.5	12.5	10.0	8.3	6.3	5.0	4.2	3.4	2.6	0.61	0.41	0.30	0.24	
	50	1.7	13.7	11.0	9.2	6.9	5.5	4.6	3.7	2.8	0.67	0.45	0.33	0.27	
	60	1.8	15.0	12.0	10.0	7.5	6.0	5.0	4.0	3.0	0.73	0.49	0.37	0.29	
28 (1/4")	30	1.7	13.6	10.9	9.0	6.8	5.4	4.5	3.6	2.7	0.62	0.42	0.31	0.25	15
	40	2.0	16.0	12.8	10.6	8.0	6.4	5.3	4.3	3.2	0.73	0.49	0.37	0.29	
	50	2.2	17.4	14.1	11.7	8.9	7.0	5.9	4.7	3.5	0.81	0.54	0.40	0.32	
	60	2.4	19.2	15.3	12.8	9.6	7.7	6.4	5.1	3.8	0.88	0.59	0.44	0.35	
24 (1/4")	30	2.1	16.2	13.0	10.8	8.1	6.5	5.4	4.3	3.2	0.75	0.50	0.37	0.30	16
	40	2.4	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	0.85	0.57	0.43	0.34	
	50	2.7	20.9	16.7	13.9	10.4	8.4	7.0	5.6	4.2	0.96	0.64	0.48	0.38	
	60	2.9	22.4	17.9	15.0	11.2	9.0	7.5	6.0	4.5	1.03	0.69	0.51	0.41	
41 (3/8")	30	3.7	31.6	25.3	21.1	15.8	12.4	10.5	8.4	6.3	1.45	0.97	0.72	0.58	14
	40	4.3	36.7	29.4	24.5	18.3	14.7	12.2	9.8	7.3	1.68	1.12	0.84	0.67	
	50	4.8	41.0	32.8	27.3	20.5	16.4	13.7	10.9	8.2	1.88	1.25	0.94	0.75	
	60	5.3	45.2	36.2	30.2	22.6	18.1	15.1	12.1	9.0	2.08	1.38	1.04	0.83	
80 (1/2")	30	6.9	68.3	54.6	45.5	34.2	27.3	22.8	18.2	13.7	3.14	2.09	1.57	1.25	13
	40	8.0	79.2	63.4	52.8	39.6	31.7	26.4	21.1	15.8	3.64	2.42	1.82	1.45	
	50	8.9	88.1	70.5	58.7	44.1	35.2	29.4	23.5	17.4	4.06	2.70	2.02	1.62	
	60	9.8	97.0	77.4	64.7	48.5	38.8	32.3	25.9	19.4	4.45	2.97	2.23	1.78	
167 (3/4")	30	14.5	128	103	85.4	64.1	51.3	42.7	34.2	25.6	5.88	3.92	2.94	2.35	15
	40	16.7	148	118	98.4	73.8	59.0	49.2	39.4	29.5	6.78	4.52	3.29	2.71	
	50	18.7	165	132	110	82.6	66.1	55.1	44.1	33.1	7.59	5.06	3.79	3.03	
	60	20.5	181	145	121	90.6	72.5	60.6	48.3	36.2	8.32	5.56	4.16	3.33	
215 (3/4")	30	18.4	144	115	95.9	71.9	57.5	48.0	38.4	28.8	6.40	4.40	3.30	2.64	16
	40	21.5	166	133	111	83.1	66.5	55.4	44.3	33.3	7.63	5.09	3.82	3.05	
	50	24.0	186	149	124	92.8	74.3	61.9	49.5	37.1	8.52	5.68	4.26	3.41	
	60	26.3	203	163	136	102	81.4	67.8	54.3	40.7	9.34	6.22	4.67	3.73	



HYPRO®

Ultra Lo-Drift

Tip, Cap, Gasket



Part No.	Color	Flow @ 40 PSI	Price
FC-ULD120-015	Green	0.15gpm	\$15.42
FC-ULD120-02	Yellow	0.2gpm	\$15.42
FC-ULD120-025	Lilac	0.25gpm	\$15.42
FC-ULD120-03	Blue	0.3gpm	\$15.42
FC-ULD120-04	Red	0.4gpm	\$15.42
FC-ULD120-05	Brown	0.5gpm	\$15.42
FC-ULD120-06	Gray	0.6gpm	\$15.42
FC-ULD120-08	White	0.8gpm	\$15.42

Guardian

Tip, Cap, Gasket



Part No.	Color	Flow @ 40 PSI	Price
GRD120-01	Orange	.10 gpm	\$11.57
GRD120-015	Green	0.15gpm	\$11.57
GRD120-02	Yellow	0.2gpm	\$11.57
GRD120-025	Lilac	0.25gpm	\$11.57
GRD120-03	Blue	0.3gpm	\$11.57
GRD120-04	Red	0.4gpm	\$11.57
GRD120-05	Brown	0.5gpm	\$11.57
GRD120-06	Gray	0.6gpm	\$11.57
GRD120-08	White	0.8gpm	\$11.57



Color	Standard Flat Fan ULD, GA, LD, VP, TR, OC, F, E AXI, ADI, OCI	Price	Standard Round (Non aligning) HCX, FCX. HAF, APM Flanged Barbs	Price
Black	CAP00-20	\$1.30	CAP04-20	\$1.41
Orange	CAP00-01	\$1.30	CAP04-01	\$1.41
Green	CAP00-015	\$1.30	CAP04-015	\$1.41
Yellow	CAP00-02	\$1.30	CAP04-02	\$1.41
Lilac	CAP00-025	\$1.30	CAP04-025	\$1.41
Blue	CAP00-03	\$1.30	CAP04-03	\$1.41
Dark Red	CAP00-035	\$1.30	N/A	
Red	CAP00-04	\$1.30	CAP04-04	\$1.41
Brown	CAP00-05	\$1.30	CAP04-05	\$1.41
Gray	CAP00-06	\$1.30	CAP04-06	\$1.41
White	CAP00-08	\$1.30	CAP04-08	\$1.41
Light Blue	CAP00-10	\$1.30	CAP04-10	\$1.41
Lime Green	CAP00-15	\$1.30	CAP04-15	\$1.41
Included EPDM Seal	22W11MF64	\$0.70	22W11MF64	\$0.70
Optional Viton Seal	22W11MF64V	\$2.87	22W11MF64V	\$2.87

Guardian Air Twin

Tip, Cap, Gasket



Guardian Air Twin Tip, Cap, Gasket

Part No.	Color	Flow @ 40 PSI	Price
GAT110-2	Yellow	0.2gpm	\$16.17
GAT110-025	Lilac	0.25gpm	\$16.17
GAT110-03	Blue	0.3gpm	\$16.17
GAT110-3.5	Maroon	0.35gpm	\$16.17
GAT110-04	Red	0.4gpm	\$16.17
GAT110-05	Brown	0.5gpm	\$16.17
GAT110-06	Gray	0.6gpm	\$16.17
GAT110-08	White	0.8gpm	\$16.17

Variable Pressure

Tip, Cap, Gasket



Part No.	Color	Flow @ 40 PSI	Price
FC-VP110-02	Yellow	0.2gpm	\$5.69
FC-VP110-025	Lilac	0.25gpm	\$5.69
FC-VP110-03	Blue	0.3gpm	\$5.69
FC-VP110-3.5	Maroon	0.35gpm	\$5.69
FC-VP110-04	Red	0.4gpm	\$5.69
FC-VP110-05	Brown	0.5gpm	\$5.69
FC-VP110-06	Gray	0.6gpm	\$5.69
FC-VP110-08	White	0.8gpm	\$5.69

HI-Flow

Tip, Cap, Gasket



Part No.	Color	Flow @ 40 PSI	Price
HF140-08	White	.8 gpm	\$18.33
HF140-10	lilac	1.00 gpm	\$18.33
HF140-15	Light /green	1.50 gpm	\$18.33
HF140-20	Black	2 gpm	\$18.33
HF140-30	Tan	3 gpm	\$18.33
HF140-40	White	4 gpm	\$18.33
HF140-50	Purple	5 gpm	\$18.33
HF140-60	Yellow	6 gpm	\$18.33

Adapter Cap For Hardi Sprayer Fittings



9950-0024

\$15.08

Shut Off Cap



CAP09-20

\$1.65

Threaded Cap



CAP10-20

\$3.70

Dry Boom Components

Part No.	Outlets	Size	Price
4263N-B323S	3 Way Single	3/4"	\$20.15
4263N-B523S	5 Way Single	3/4"	\$20.15
4263N-B323D	3 Way Double	3/4"	\$20.15
4263N-B523D	5 Way Double	3/4"	\$20.15
4263N-B324S	3 Way Single	1"	\$20.15
4263N-B524S	5 Way Single	1"	\$20.15
4263N-B324D	3 Way Double	1"	\$20.15
4263N-B524D	5 Way Double	1"	\$20.15

3 & 5 Way Nozzle Bodies



Has tab for boom clamp

Elbow	Tee	Cross	Hose	Price
4242N-B322S	4242N-B322D	4242N-B322T	1/2"	N/A
4242N-B323S	4242N-B323D	4242N-B323T	3/4"	N/A
		4242N-B300	1/4" MPT	N/A

Triple Nozzle Body



Elbow	Tee	Cross	Hose	Price
4241N-B121S	4241N-B121D	4241N-B121T	3/8"	\$10.89
4241N-B122S	4241N-B122D	4241N-B122T	1/2"	\$10.89
4241N-B123S	4241N-B123D	4241N-B123T	3/4"	\$10.89

Nozzle Body With Side Mounted DCV



Elbow	Tee	Hose	Price
4240N-B121S	4240N-B121D	3/8"	N/A
4240N-B122S	4240N-B122D	1/2"	N/A
4240N-B123S	4240N-B123D	3/4"	N/A

Nozzle Body With Top Mounted DCV



Elbow	Tee	Cross	Hose	Price
4231N-B101S	4231N-B101D	4231N-B101T	3/8"	\$4.58
4231N-B102S	4231N-B102D	4231N-B102T	1/2"	\$4.58
4231N-B103S	4231N-B103D	4231N-B103T	3/4"	\$4.58

Nozzle Body With No DCV



Part No.	Outlet	Fits	Hose Size	Price
4200-0111N	Single	1/2"	1/2"	\$1.89
4200-0112N	Single	3/4"	3/4"	\$1.89
4200-0113N	Single	3/4"	1"	N/A
4200-0114N	Single	1"	3/4"	N/A
4200-0115N	Single	1"	1"	\$1.89

Adapters For Muti-Turret



4200-0211N	Double	1/2"	1/2"	\$1.89
4200-0212N	Double	3/4"	3/4"	\$1.89
4200-0213N	Double	3/4"	1"	N/A
4200-0214N	Double	1"	3/4"	N/A
4200-0215N	Double	1"	1"	\$1.89

Part No.	Seal	Spring	Price
	Housing Ref.	Pressure	
4200-0010	EPDM / Red	4psi / Orange	\$1.63
4200-0020	EPDM / Red	8psi / Black	\$4.63
4200-0030	EPDM / Red	12psi / White	\$4.42
4200-0040	EPDM / Red	20psi / Gray	\$4.63
4200-0050	EPDM / Red	25psi / Blue	\$5.96



Replacement DCV Parts

Part No.	Desc.	Diaphragm	Price
4200-0004E	EPDM	Black	\$0.91
4200-0004V	Viton	Green	\$3.03



Wet Boom Components

Part No.	Outlets	Size	Price
4243N-B323	3	3/4"	\$17.71
4243N-B324	3	1"	\$17.71
4243N-B523	5	3/4"	\$17.71
4243N-B524	5	1"	\$22.35

3 & 5 Way Nozzle Bodies



Part No.	Outlets	Size	Price
4222N-B322	3	1/2"	\$23.30
4222N-B323	3	3/4"	\$23.30
4222N-B324	3	1"	\$23.30

Triple Nozzle Body



Part No.	Outlets	Size	Price
4221N-B122	1	1/2"	\$7.37
4221N-B123	1	3/4"	\$7.37
4221N-B124	1	1"	\$5.85

Nozzle Body With Side Mounted DCV



Part No.	Outlets	Size	Price
4201N-B102	1	1/2"	\$5.54
4201N-B103	1	3/4"	\$5.54
4201N-B104	1	1"	\$5.54

Nozzle Body With out DCV



	Seal	Spring	
Part No.	Housing Ref.	Pressure	Price
4200-0010	EPDM / Red	4psi / Orange	\$463.00
4200-0020	EPDM / Red	8psi / Black	\$4.63
4200-0030	EPDM / Red	12psi / White	\$4.63
4200-0040	EPDM / Red	20psi / Gray	\$4.63
4200-0050	EPDM / Red	25psi / Blue	\$5.96

Replacement DCV Parts



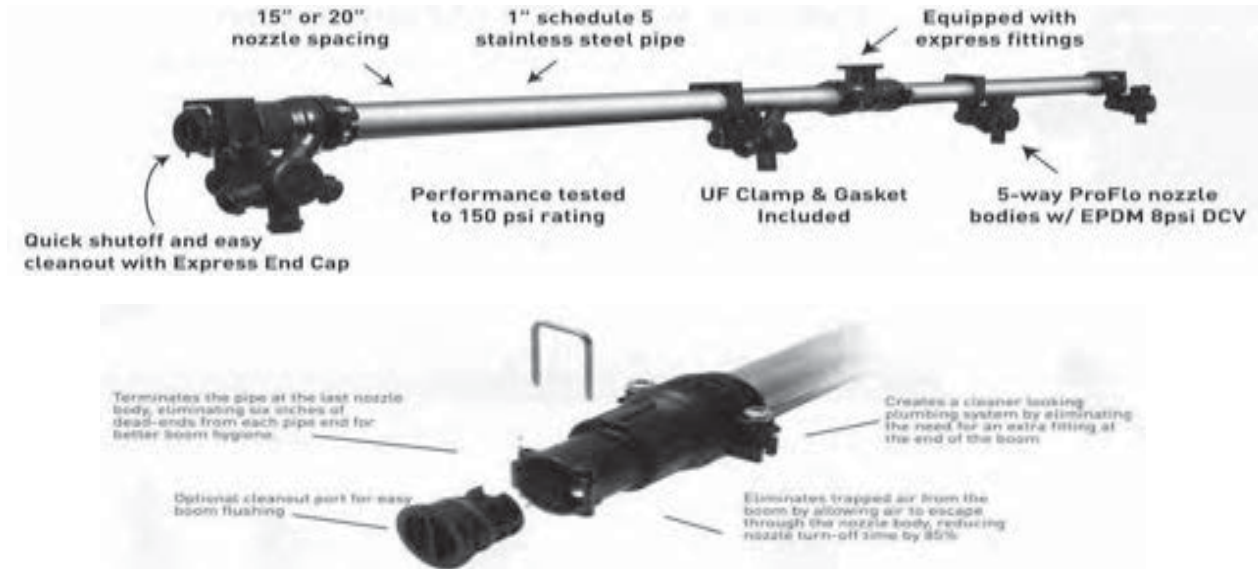
Diaphragm Only

Part No.	Desc.	Diaphragm	Price
4200-0004E	EPDM	Black	\$0.91
4200-0004V	Viton	Green	\$3.03

Stem Seal

Part No.	Desc.	Stem Seal	Price
1723-0142	EPDM	Black	\$0.98
1721-0220	VITON	Green	\$1.70

Express Boom



Express Boom Components

Ref #	Part #	Description	Price
1	BG-7433-2502	Express fitting x 1" universal Flange straight	\$33.32
2	BG-7433-2503	2 Express fitting x 1" Universal flange tee (vertical)	\$56.48
3	BG-7433-2515	2 Express fitting x 1" Universal flange tee (horizontal)	\$56.48
4	BG-7433-2608	Express fitting x 1" hose barb straight	\$33.32
5	BG-7433-2610	Express fitting x 1" hose barb elbow vertical	\$33.32
6	BG-7433-2601	Express fitting x 1" hose barb elbow horizontal	\$33.32
7	BG-7433-2613	Express fitting x 1" male cam lock straight	\$33.32
8	UFG0100E-A	1" EPDM Universal gasket	\$1.51
9	2910-0026	Express Clamps & Hardware Kit	\$16.67
10	3430-0790	Express Clamps & Hardware Kit with pipe o-rings	\$19.21



Express Flush Valve

Ref #	Part #	Price
1	BG-7433-3321	\$91.32
2	BG-7433-3319	\$61.29
3	2404-0414	\$14.12
4	BG-7433-3316	\$61.89



COMBO-RATE Stacking Nozzle Bodies & Turrets

Combo-Rate® Side-Fed Inlet Saddles

Boom Size	Inlet Size	Part # MSRP
3/4" Boom	3/8" Inlet	41203-00 \$6.38
1" Boom	3/8" Inlet	41200-00 \$6.38
	9/16" Inlet	41201-00 \$6.38
2" Boom	9/16" Inlet	41206-00 \$7.43



41200-00



Parts for Aim Command



41200-00	1" Saddle	\$6.38
41133-00	Case thru Body	\$6.15
41134-00	Case thru Body	\$3.12
116290-111	Solenoid Assembly	N/A

Combo-Rate® II Bottom-Fed or Top-Fed Saddles

Boom Size	Inlet Size	Stacking Direction	Bolt Mount
1/2" Boom	3/8" Inlet	One-Way	41471-00 \$6.02
		Two-Way	41472-00 \$7.57
1" Boom	3/8" Inlet	One-Way	41475-00 \$6.03
		Two-Way	41476-00 \$7.57
	9/16" Inlet	One-Way	41477-00 \$6.03
		Two-Way	41478-00 \$7.57



41471-00



41475-00



41478-00

Nozzle Bodies with Smooth Upper Clamp

Description, Part No., & Price

			Dia. Check Valve	Manual ON/OFF	Air-Off Operated	PWM (w/o Nut)**
1/2" Boom	3/8" Inlet	One-Way	41411-00	41413-00	41415-00	41417-00
			\$14.09	\$15.60	\$18.58	\$9.42
		Two-Way	41412-00	41414-00	41416-00	41418-00
			\$15.65	\$17.15	\$20.13	\$10.98
3/4" Boom	3/8" Inlet	One-Way	41421-00	41423-00	41425-00	41427-00
			\$14.09	\$15.60	\$18.56	\$9.42
		Two-Way	41422-00	41424-00	41426-00	41428-00
			\$15.65	\$17.15	\$20.13	\$10.98
1" Boom	3/8" Inlet	One-Way	41431-00	41433-00	41435-00	41437-00
			\$14.09	\$15.60	\$18.58	\$9.42
		Two-Way	41432-00	41434-00	41436-00	41438-00
			\$15.65	\$17.15	\$20.13	\$10.98
		One-Way KWIKSTOP	41451-00	41453-00	41455-00	41457-00
			\$15.65	\$17.33	\$20.54	\$10.47
		Two-Way KWIKSTOP	41452-00	41454-00	41456-00	41458-00
			\$17.38	\$19.06	\$22.27	\$12.20
	9/16" Inlet	One-Way	41441-00	41443-00	41445-00	41447-00
			\$14.09	\$15.60	\$18.58	\$9.42
		Two-Way	41442-00	41444-00	41446-00	41448-00
			\$15.65	\$17.15	\$20.13	\$10.98
	High Flow 21/32" Inlet	Two-Way	41462-00	41464-00	41466-00	41468-00
			\$15.65	\$17.15	\$20.13	\$10.98
41285-00	Combo-Rate Plug				\$1.65	



41433-00



41438-00



Combo-Rate® Side Take-Off Turrets

Model	Part No & MSRP			
	Dia. Check Valve	Manual ON/OFF	Air-Off Operated	PWM (w/o nut)**
3 Outlet Side Turret	41603-00	41613-00	41643-00	41633-00
	\$20.56	\$21.87	\$24.85	\$15.85
4 Outlet Side Turret	41604-00	41614-00	41644-00	41634-00
	\$20.56	\$21.87	\$24.85	\$15.85
5 Outlet Side Turret	41605-00	41615-00	41645-00	41635-00
	\$20.56	\$21.87	\$24.85	\$15.85
3+2 Outlet Side Turret*	41605-32	41615-32	41645-32	41635-32
	\$20.56	\$21.87	\$24.85	\$15.85

*3+2 Turrets have 3 Combo-Jet Outlets and 2 TeeJet/Hydro Outlets



41635-00

Combo-Rate® Standard (Front Mount) Turrets

Model	Part No & MSRP			
	Dia. Check Valve	Manual ON/OFF	Air-Off Operated	PWM(w/o nut)**
3 Outlet Turret Body	41503-00	41513-00	41543-00	41533-00
	\$18.53	\$19.85	\$22.84	\$13.84
4 Outlet Turret Body	41504-00	41514-00	41544-00	41534-00
	\$18.53	\$19.85	\$22.84	\$13.84
5 Outlet Turret Body	41505-00	41515-00	41545-00	41535-00
	\$18.53	\$19.85	\$22.84	\$13.84
3+2 Outlet Turret*	41505-32*	41515-32*	41545-32*	41535-32*
	\$18.53	\$19.85	\$22.84	\$13.84

*3+2 Turrets have 3 Combo-Jet Outlets and 2 TeeJet/Hydro Outlets



41535-00



41515-00



41535-32

Combo-Rate® Stacking Thru/End Nozzle Bodies (use with Combo-Rate® saddle bodies)

Model	Part No & MSRP			
	Dia. Check Valve	Manual ON/OFF	Air-Off Operated	PWM(w/o nut)**
Thru Body Assembly	41100-00	41110-00	41125-00	41135-00
	\$9.25	\$10.57	\$13.75	\$4.19
End Body Assembly	41101-00	41111-00	41126-00	41136-00
	\$8.44	\$9.82	\$12.98	\$3.12



41110-00



41111-00

Wilger Spray Tips

Series	Type	Sizes	Price
ER	Extended Range	01-08	\$10.97
		10-20	\$10.97
MR	Mid Range	015-05	\$16.23
		06-20	\$16.23
DR	Drift Control	015-04	\$16.23
		05-15	\$16.23
SR	Small Droplet	015-04	\$16.23
		05-20	\$16.23
UR	Drift Control	025-10	\$21.04





Caps and Adapters

Combo-Jet® & Square Lug Outlet Adapters

Part No.	Description	Price
40204-00	SQ LUG TO COMBO-JET ADAPTER - LOCK RING STYLE	\$2.41
40202-00	HARDI TO COMBO-JET ADAPTER - SNAP-ON	\$2.41
40203-00	COMBO-JET TO SQ LUG ADAPTER	\$2.41
40200-00	SQ LUG TO COMBO-JET ADAPTER - SNAP-ON	\$2.41



40204-00



40203-00

Radialock Caps & Flanged Spray Tips (for use on Combo-Jet® outlets)

Part No.	Description	Price
40269-05	RADIALOCK CAP - UNIVERSAL SLOT	\$0.93
40271-06	RADIALOCK CAP - ROUND	\$1.02
40275-05	RADIALOCK CAP - HARDI	\$1.02
40276-05	RADIALOCK CAP - WIDE	\$1.04
40279-05	RADIALOCK CAP - HIGH FLOW SLOT	\$1.04
40160-00	RADIALOCK NOZZLE GASKET, UNIVERSAL, EPDM	\$0.52



40269-05



40271-05

Spray Tip Strainers & O-Rings for Radialock Caps

Part No.	Description	Price
40250-00	CJ TIP STRAINER, SNAP-IN, 50 MESH, BLUE	\$1.76
40251-00	CJ TIP STRAINER, SNAP-IN, 100 MESH, GREEN	\$1.76
40260-00	CJ NOZZLE SEAL - 13 mm X 3 mm	\$0.25
40260-V0	CJ NOZZLE SEAL - 13 mm X 3 mm, VITON®	\$2.01
40261-00	CJ SEAL/STRAINER ADAPTER	\$0.39
40285-XX	PRE-ORIFICES (See Page 3/4 for flow rates)	\$7.42



40250-00



40260-00

Hose Barb, Quick-Connect Push-in Tube & Other Radialock Caps

Cap Description		FKM O-ring Assy		Cap Only	Price
Wye Splitter		40440-00	\$4.84	40440-01	\$4.67
Plug		40272-B5	\$1.39	40272-05	\$1.03
Hose Barb	1/8"	40420-B5	\$2.65	40420-05	\$1.31
	1/4"	40422-B5	\$2.65	40422-05	\$1.31
	3/8"	40424-B5	\$2.65	40424-05	\$1.31
	1/2"	40426-B5	\$2.65	40426-05	\$1.31
Push-In Tube [Size = Tube O.D.]	1/4"	40435-B5	\$4.94	40435-05	\$4.07
	5/16"	40437-B5	\$5.04	40437-05	\$4.16
	3/8"	40436-B5	\$5.04	40436-05	\$4.16
NPT-F	1/8"	40277-B5	\$2.65	40277-05	\$1.31
	1/4"	40273-B5	\$2.65	40273-05	\$1.31
45° NPT-F	1/4"	40274-B5	\$2.65	40274-05	\$3.04



40272-05



40435-05



40273-05



Caps and Adapters

Two-Hole Fertilizer Streamer Caps (Cap ONLY*, for ~15" spacing)

Part No.	Description	Price
40432-047	CJ FERTILIZER CAP, 2-HOLE @ 0.0469"	\$7.35
40432-086	CJ FERTILIZER CAP, 2-HOLE @ 0.086"	\$7.35
40432-104	CJ FERTILIZER CAP, 2-HOLE @ 0.104"	\$7.35



40432-086

Three-Hole Fertilizer Streamer Caps (Cap ONLY*, for ~20" spacing)

40433-047	CJ FERTILIZER CAP, 3-HOLE @ 0.0469"	\$9.44
40433-067	CJ FERTILIZER CAP, 3-HOLE @ 0.067"	\$9.44
40433-086	CJ FERTILIZER CAP, 3-HOLE @ 0.086"	\$9.44
40433-104	CJ FERTILIZER CAP, 3-HOLE @ 0.104"	\$9.44



40433-086

Slotted Strainers

40247-00	CJ SLOTTED STRAINER - 16 MESH, GREY	\$1.75
40248-00	CJ SLOTTED STRAINER - 25 MESH, YELLOW	\$1.75
40249-00	CJ SLOTTED STRAINER - 50 MESH, RED	\$1.75



40248-00

Radialock Hose-Drop Cap Assemblies

Part No.	Description	Price
22021-00	16" NYLON HOSE DROP - 1/4" NPT-M x 1/4" NPT-M	\$8.86
22025-00	16" NYLON HOSE DROP - 1/4" NPT-F x 1/4" NPT-M	\$10.28
22026-00	16" NYLON HOSE DROP - R/L CAP x 1/4" NPT-M	\$9.08
22031-00	24" NYLON HOSE DROP - 1/4" NPT-M x 1/4" NPT-M	\$9.41
22035-00	24" NYLON HOSE DROP - 1/4" NPT-M x 1/4" NPT-F	\$11.42
22036-00	24" NYLON HOSE DROP - R/L CAP x 1/4" NPT-M	\$11.56
22048-00	48" NYLON HOSE DROP - R/L CAP x 1/4" NPT-M	\$22.54



22021-00

Square-Lug Caps, Plugs & Strainers

Part No.	Description	Price
40150-00	FLANGED TIP STRAINER, 50 MESH, BLUE	\$1.50
40151-00	FLANGED TIP STRAINER, 100 MESH, GREEN	\$1.50
40159-05	SQ LUG NOZZLE CAP, 3/8" TIP, BLACK	\$0.76
40160-00	SQ LUG NOZZLE GASKET, UNIVERSAL	\$0.52
40160-V0	SQ LUG NOZZLE GASKET, UNIVERSAL, VITON®	\$2.71
40164-05	SQ LUG CAP, 1/4" NPT FE, 45°, BLACK	\$3.02
40180-05	SQ LUG NOZZLE CAP, BLACK	\$2.00



40151-00



40160-00



40159-05



40180-05



Wilger Swivel Nozzle Bodies & Adapters

Combo-Jet® Wet Boom Nozzle Bodies

Outlets	3/4" Wet Boom	1" Wet Boom	1" KWIKSTOP
Single	40611-00 \$5.43	40621-00 \$5.43	40631-00 \$7.06
Dual	40612-00 \$13.97	40622-00 \$13.97	40632-00 \$15.61
Triple	40613-00 \$17.19	40603-00 \$17.19	40633-00 \$18.84



40621-00
Single



40622-00
Dual Swivel

Square Lug Swivel Nozzle Bodies (Wet Boom)

Outlets	3/4" Wet Boom	1" Wet Boom	1" KWIKSTOP
Single	40651-00 \$5.43	40661-00 \$5.43	40671-00 \$7.06
Dual	40652-00 \$13.97	40662-00 \$13.97	40672-00 \$15.61
Triple	40653-00 \$17.19	40663-00 \$17.19	40673-00 \$18.84
Single w/o Dia. Check	40140-00 \$4.02	40141-00 \$4.02	N/A



40661-00
Single



40663-00
Triple Swivel

Part No.	Description	Price
40166-04	O-RING REPAIR KIT (6 BODIES) - FKM	\$13.36
40166-05	O-RING REPAIR KIT (6 BODIES) - Viton®	\$78.65
40155-07	DIAPHRAGM, EPDM	\$0.92
40155-13	DIAPHRAGM, Viton	\$0.50

Combo-Jet® Turret Adapters For Radialock & Square Lug Outlets

40470-00	DUAL BODY ADAPTER - COMBO-JET®	\$10.22
40471-00	TRIPLE BODY ADAPTER - COMBO-JET®	\$14.06



40470-00

Square Lug Adapter (Radialock to Square Lug Cap)

40472-00	DUAL BODY ADAPTER - SQUARE LUG	\$10.22
40473-00	TRIPLE BODY ADAPTER - SQUARE LUG	\$14.06



40472-00

Combo-Rate® Nozzle Body Components & U-clip Accessories

40155-07	DIAPHRAGM - Buna-N	\$0.92
40155-12	DIAPHRAGM - VITON®	\$3.24
20455-04	DIAPHRAGM O RING (Use with 40155-07/-12)	\$0.24
40155-23	INTEGRATED DIAPHRAGM & O-ring	\$1.16
41100-02	COMBO-RATE BODY NUT	\$1.41
41100-03	COMBO-RATE DIAPHRAGM MODULE ASSY	\$2.84
41110-01	COMBO-RATE SHUT-OFF MODULE ASSY	\$4.23
41250-00	COMBO-CLIP (C/C) 90° ELBOW M/FE ASSY	\$6.29
41251-00	C/C /RADIALOCK BODY/ NPTF 1/4" ADAPTER ASSY	\$4.36
41252-00	C/C FE x 1/4"NPT MALE ADAPTER ASSY	\$2.51
41253-00	C/C FE x 3/8"NPT MALE ADAPTER ASSY	\$2.51
41255-00	C/C FE x 1/4"NPT FE x 3/4" SQ. MOUNT ADAPTER	\$3.66
41256-00	C/C FE x 3/8"NPT FE x 3/4" SQ. MOUNT ADAPTER	\$3.66
41275-00	ADAPTER, C/C MALE x 1/4" NPT FEMALE	\$2.08
41276-00	ADAPTER, C/C MALE x 3/8" NPT FEMALE	\$2.08
41285-00	ADAPTER, C/C MALE x PLUG	\$1.65
41133-01	COMBO-RATE / PWM ADAPTER NUT	\$1.45
41150-00	CR INTER-BODY STRAINER, 50 MESH, RED	\$2.71
41152-00	CR INTER-BODY STRAINER, 80 MESH, GREY	\$2.71
41151-00	CR INTER-BODY STRAINER, 100 MESH, GREEN	\$2.71

Compact Nozzle Bodies

Model		10 PSI Check	4 PSI Check	MSRP
1/8" NPT-F		40500-00	40500-P4	\$7.78
1/4" NPT-F		40501-00	40501-P4	\$7.93
1/4" Push-In		40502-00	40502-P4	\$10.55
40497-00	COMPACT BODY, 1/4" NPT FE			\$2.16
40498-00	COMPACT BODY, 3/8" NPT FE			\$2.16



40501-00



40502-00



40498-00



1" Quick Nut Stainless Steeling Tube Fittings

1" Hose Shank

		Price
25166-01	QN HOSE SHANK - 1" SST x 1" STRAIGHT SHANK.....	\$3.40
25167-01	QN HOSE SHANK - 1" SST x 1" SWEEP 90 DEGREE.....	\$4.60



25169-00



25172-00



25161-01

1-1/4" Hose Shank

25160-01	QN HOSE SHANK - 1" SST x 1 1/4" STRAIGHT SHANK.....	\$3.40
25161-01	QN HOSE SHANK - 1" SST x 1 1/4" SWEEP 90 DEGREE.....	\$4.60
25162-01	QN HOSE SHANK - 1" SST x 1 1/4" SWEEP 45 DEGREE.....	\$4.60

1" QN SST Sweep Tee

25172-00	QN SWEEP TEE - 1 1/4" JOINT ADAPTER x 1" SST x 1" SST....	\$8.55
25168-00	QN SWEEP TEE - 1" HOSE SHANK x 1" SST x 1" SST.....	\$8.55
25169-00	QN SWEEP TEE - 1 1/4" HOSE SHANK x 1" SST x 1" SST.....	\$8.55



25162-01



25160-01

1" QN SST Nut, End Caps & O-Rings

25160-03	QN 1" SST - NUT.....	\$2.35
25163-01	QN 1" SST - PLUG.....	\$1.86
25164-01	QN 1" SST x 3/4" NPT FE ADAPTER.....	\$4.74
25165-01	QN 1" SST SIGHT BULB PLUG, CLEAR.....	\$2.03
25160-02	O-RING, FKM #219 (For 1" QN SST Fittings).....	\$0.64
25160-V2	O-RING, VITON® #219 (For 1" QN SST Fittings).....	\$2.24



25160-03



25163-01



25165-01



25164-01



25160-02

1" QN SST Tube End Adapters (1.315" O.D.)

25170-00	QN FEMALE BOOM END ADAPTER ASSY - 1.315" TUBE x 1" SST.....	\$4.13
25171-00	QN MALE BOOM END ADAPTER - 1.315" TUBE x 1" SST.....	\$2.20



41591-00
(requires 2)



25170-00
(2 piece adapter)



25171-00
(split ring)

Boom Mount Clamps - Two (2) clamp halves are normally required.

41590-00	BOOM MOUNT CLAMP - for 1.25" O.D. TUBE.....	\$2.76
41591-00	BOOM MOUNT CLAMP - for 1.315" O.D. TUBE & 1" Sch40 PIPE.....	\$2.76

Boom End Flush Valves (BEFV) & BEFV Components

25175-V0	QN SST BOOM-END FLUSH VALVE [1-1/4" NPT COMPATIBLE].....	\$27.86
25176-V0	QN BOOM-END FLUSH VALVE - 1" NPT FEMALE.....	\$33.06
25137-00	ADAPTER - QN SST BEFV TO 1" NPTF.....	\$3.25
25137-V0	ADAPTER KIT - QN BEFV TO 1" NPTF ADAPTER W/ O-RING...	\$5.47
25175-10	BOOM END FLUSH VALVE DUST CAP.....	\$1.67
25175-11	BEFV O-RING REPAIR KIT (2 VALVES).....	\$20.79
25175-03	BEFV HANDLE, SHORT.....	\$2.81
25175-13	BEFV HANDLE, LONG, 1-1/4".....	\$2.81



25176-V0



25175-V0



25137-00



25175-10



Longer Handle
25175-13
Shorter Handle
25175-03

BEFV & Fittings for Case Thin Wall Steel (TWS) Booms

41400-01	TWS MALE END L/R THREAD KIT, ORDER WITH 41400-02.....	\$4.45
41400-02	TWS MALE END BINDING RING, ORDER WITH 41400-01.....	\$2.32
41400-03	TWS FEMALE NUT - 1.315" TUBE.....	\$2.40
41400-04	TWS MALE END LEFT THREAD.....	\$2.22
41400-05	TWS MALE END RIGHT THREAD.....	\$2.22
41401-01	ADAPTER COUPLER BODY - TWS x 1 1/4" NPTF.....	\$5.27
41402-V0	TWS BOOM-END FLUSH VALVE - 1.315" OD PIPE.....	\$27.86
41403-00	ADAPTER - TWS BEFV TO 1" NPTF.....	\$3.25
41403-V0	TWS BEFV TO 1" NPTF ADAPTER W/ VITON® O-RING.....	\$5.47



41402-V0



41400-03



3-Piece Thread Adapter
#41400-04 (left)
#41400-05 (right)
#41400-02 (binding nut)



41401-01



41403-00

Greenleaf TurboDrop® XL Nozzle Tabulations

TurboDrop® nozzles consist of two primary components - the Venturi air injector and the exit pattern tip. The orifice in the ISO color-coded Venturi determines the flow rate of the complete assembly. The exit pattern tip does not affect flow rate; it is only used to form the desired spray pattern. Targeting 60 psi when selecting the nozzle size will allow for greater changes in speed and pressure.

Pressure Range: 20-120 psi.

Recommended boom height: 18-36" (with 20" nozzle spacing)

Price Each

\$14.74

Ceramic also available - Call for Pricing

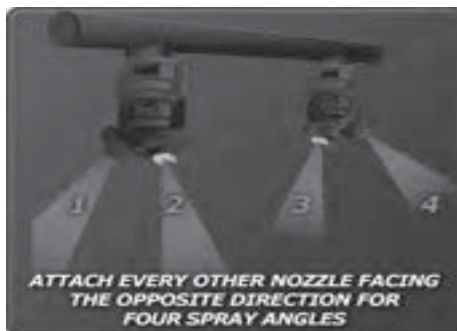
COMPLETE NOZZLE # (drainer size) Venturi & Tip #			LIQUID PRESSURE PSI	NOZZLE CAPACITY GPM	GALLONS PER ACRE BASED ON 20" NOZZLE SPACING*											
	TDXL11001 (see 30 nozzle)				4	5	6	8	10	12	14	16	18	20		
					MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH		
	TDXL11001 (see 30 nozzle)		20	0.07	5.4	4.2	3.5	2.8	2.1	1.7	1.5	1.3	1.2	1.0	Orange	Yellow
			30	0.09	5.4	5.1	4.3	3.2	2.6	2.1	1.8	1.6	1.4	1.2		
			40	0.10	7.4	5.9	4.9	3.7	3.0	2.5	2.1	1.9	1.6	1.5		
			50	0.11	8.3	6.6	5.5	4.1	3.3	2.8	2.4	2.1	1.8	1.7		
			60	0.12	9.3	7.3	6.1	4.5	3.6	3.0	2.6	2.3	2.0	1.8		
	TDXLV01 (Venturi Part #) see 02 tip		80	0.14	10.5	8.4	7.0	5.2	4.2	3.5	3.0	2.6	2.3	2.1	Green	Blue
			100	0.16	11.7	9.4	7.8	5.9	4.7	3.9	3.4	2.9	2.6	2.3		
			120	0.17	12.9	10.3	8.6	6.4	5.1	4.3	3.7	3.2	2.9	2.6		
			20	0.11	7.9	6.3	5.2	3.9	3.1	2.6	2.2	2.0	1.7	1.6		
			30	0.13	9.6	7.7	6.4	4.8	3.9	3.2	2.8	2.4	2.1	1.9		
	TDXLV015 (Venturi Part #) see 03 tip		40	0.15	11.1	8.9	7.4	5.6	4.5	3.7	3.2	2.8	2.5	2.2	Yellow	Blue
			50	0.17	12.4	10.0	8.3	6.2	5.0	4.1	3.6	3.1	2.8	2.5		
			60	0.18	13.6	10.9	9.1	6.8	5.5	4.5	3.9	3.4	3.0	2.7		
			80	0.21	15.7	12.6	10.5	7.9	6.3	5.2	4.5	3.9	3.5	3.1		
			100	0.24	17.6	14.1	11.7	8.8	7.0	5.9	5.0	4.4	3.9	3.5		
	TDXL11002 (see 30 nozzle)		120	0.26	19.3	15.4	12.9	9.6	7.7	6.4	5.5	4.8	4.3	3.9	Yellow	Red
			20	0.14	10.5	8.4	7.0	5.2	4.2	3.5	3.0	2.6	2.3	2.1		
			30	0.17	12.9	10.3	8.6	6.4	5.1	4.3	3.7	3.2	2.9	2.6		
			40	0.20	14.8	11.9	9.8	7.4	5.9	4.9	4.2	3.7	3.3	3.0		
			50	0.22	16.8	13.7	11.1	8.3	6.6	5.3	4.7	4.1	3.7	3.3		
	TDXLV02 (Venturi Part #) see 08 tip		60	0.24	18.2	14.5	12.1	9.1	7.3	6.3	5.2	4.5	4.0	3.6	Purple	Red
			80	0.28	21.0	16.8	14.0	10.3	8.4	7.0	6.0	5.2	4.7	4.2		
			100	0.32	23.5	18.8	15.6	11.7	9.4	7.8	6.7	5.9	5.2	4.7		
			120	0.35	25.7	20.6	17.1	12.9	10.3	8.6	7.3	6.4	5.7	5.1		
			20	0.18	13.1	10.5	8.7	6.6	5.2	4.4	3.7	3.3	2.9	2.6		
	TDXL110025 (see 30 nozzle)		30	0.22	15.7	12.6	10.5	7.9	6.3	5.2	4.5	3.9	3.5	3.1	Purple	Brown
			40	0.25	18.5	14.8	12.4	9.3	7.4	6.2	5.3	4.6	4.1	3.7		
			50	0.28	20.7	16.6	13.8	10.4	8.3	6.9	5.9	5.2	4.6	4.1		
			60	0.31	22.7	18.2	15.1	11.4	9.1	7.6	6.5	5.7	5.0	4.5		
			80	0.35	26.2	21.0	17.5	13.1	10.3	8.7	7.5	6.6	5.8	5.2		
	TDXLV025 (Venturi Part #) see 09 tip		100	0.40	29.3	23.5	19.6	14.7	11.7	9.8	8.4	7.3	6.5	5.9	Blue	Brown
			120	0.43	32.1	25.7	21.4	16.1	12.9	10.7	9.2	8.0	7.1	6.4		
			20	0.21	15.7	12.6	10.5	7.9	6.3	5.2	4.5	3.9	3.5	3.1		
			30	0.26	19.3	15.4	12.9	9.6	7.7	6.4	5.5	4.8	4.3	3.9		
			40	0.30	22.3	17.8	14.8	11.3	8.9	7.4	6.4	5.6	4.9	4.5		
	TDXL11003 (see 30 nozzle)		50	0.34	24.9	19.9	16.6	12.4	10.0	8.3	7.1	6.2	5.5	5.0	Blue	Gray
			60	0.37	27.3	21.8	18.2	13.6	10.9	9.1	7.8	6.8	6.1	5.5		
			80	0.42	31.5	25.2	21.0	15.7	12.6	10.3	9.0	7.9	7.0	6.3		
			100	0.47	35.2	28.2	23.5	17.6	14.1	11.7	10.1	8.8	7.8	7.0		
			120	0.52	38.6	30.8	25.7	19.3	15.4	12.9	11.0	9.8	8.6	7.7		
	TDXL11004 (see 24 nozzle)		20	0.28	21.0	16.8	14.0	10.3	8.4	7.0	6.0	5.2	4.7	4.2	Red	White
			30	0.33	25.7	20.6	17.1	12.9	10.3	8.6	7.3	6.4	5.7	5.1		
			40	0.40	29.7	23.7	19.8	14.8	11.9	9.9	8.5	7.4	6.6	5.9		
			50	0.43	33.2	26.5	22.1	16.6	13.5	11.1	9.5	8.3	7.4	6.6		
			60	0.49	36.3	29.1	24.2	18.2	14.5	12.1	10.4	9.1	8.1	7.3		
	TDXLV04 (Venturi Part #) see 08 tip		80	0.52	42.0	33.6	28.0	21.0	16.8	14.0	12.0	10.5	9.3	8.4	Red	White
			100	0.61	46.9	37.5	31.3	23.5	18.8	15.6	13.4	11.7	10.4	9.4		
			120	0.69	51.4	41.1	34.3	25.7	20.6	17.1	14.7	12.9	11.4	10.3		
			20	0.35	26.3	21.0	17.5	13.1	10.3	8.7	7.5	6.6	5.8	5.3		
			30	0.43	32.2	25.7	21.4	16.1	12.9	10.7	9.2	8.0	7.1	6.4		
	TDXL11005 (see 24 nozzle)		40	0.50	37.1	29.7	24.0	18.6	14.9	12.4	10.8	9.3	8.3	7.4	Brown	Black
			50	0.56	41.5	33.2	27.7	20.6	16.6	13.8	11.9	10.4	9.2	8.3		
			60	0.61	45.3	36.4	30.3	22.7	18.2	15.2	13.0	11.4	10.1	9.1		
			80	0.71	52.5	42.0	35.0	26.3	21.0	17.5	15.0	13.1	11.7	10.5		
			100	0.79	58.7	47.0	39.2	29.4	23.5	19.6	16.8	14.7	13.1	11.7		
	TDXLV05 (Venturi Part #) see 10 tip		120	0.87	64.3	51.5	42.9	32.2	25.7	21.4	18.4	16.1	14.3	12.9	Brown	Black
			20	0.42	31.5	25.2	21.0	15.8	12.6	10.3	9.0	7.9	7.0	6.3		
			30	0.52	38.6	30.8	25.7	19.3	15.4	12.9	11.0	9.8	8.6	7.7		
			40	0.60	44.6	35.7	29.7	22.3	17.8	14.8	12.7	11.1	9.9	8.9		
			50	0.67	49.8	39.9	33.2	24.9	19.9	16.6	14.2	12.5	11.1	10.0		
	TDXLV06 (Venturi Part #) see 12 tip		60	0.74	54.6	43.7	36.4	27.5	21.8	18.2	15.6	13.6	12.1	10.9	Gray	Turquoise
			80	0.83	63.0	50.4	42.0	31.3	25.2	21.0	18.0	15.8	14.0	12.6		
			100	0.93	70.5	56.4	47.0	35.2	28.2	23.5	20.1	17.6	15.7	14.1		
			120	1.04	77.2	61.8	51.5	38.6	30.9	25.7	22.1	19.3	17.2	15.4		
			20	0.42	31.5	25.2	21.0	15.8	12.6	10.3	9.0	7.9	7.0	6.3		
	TDXL11006 (see 24 nozzle)		30	0.52	38.6	30.8	25.7	19.3	15.4	12.9	11.0	9.8	8.6	7.7	White	Lt. Green
			40	0.60	44.6	35.7	29.7	22.3	17.8	14.8	12.7	11.1	9.9	8.9		
			50	0.67	49.8	39.9	33.2	24.9	19.9	16.6	14.2	12.5	11.1	10.0		
			60	0.74	54.6	43.7	36.4	27.5	21.8	18.2	15.6	13.6	12.1	10.9		
			80	0.83	63.0	50.4	42.0	31.3	25.2	21.0	18.0	15.8	14.0	12.6		
	TDXLV06 (Venturi Part #) see 12 tip		100	0.93	70.5	56.4	47.0	35.2	28.2	23.5	20.1	17.6	15.7	14.1	White	Lt. Green
			120	1.04	77.2	61.8	51.5	38.6	30.9	25.7	22.1	19.3	17.2	15.4		
			20	0.56	41.8	33.5	27.9	20.9	16.7	13.9	12.0	10.5	9.3	8.4		
			30	0.69	51.2	41.0	34.2	25.6	20.3	17.1	14.0	12.8	11.4	10.2		
			40	0.80	59.2	47.3	39.1	29.6	23.7	19.7	16.9	14.8	13.1	11.8		
	TDXLV08 (Venturi Part #) see 16 tip		50	0.89	66.2	52.9	44.1	33.1	26.5	22.1	18.9	16.5	14.7	13.2	White	Lt. Green
			60	0.98	72.5	58.0	48.3	36.2	29.0	24.2	20.7	18.1	16.1	14.5		
			80	1.13	83.7	66.9	55.8	41.8	33.5	27.9	23.9	20.9	18.6	16.7		
			100	1.26	93.6	74.8	62.8	46.8	37.4	31.2	26.7	23.4	20.8	18.7		
			120	1.38	102.3	82.0	68.3	51.2	41.0	34.2	29.3	25.6	22.8	20.5		
	TDXL11010 (see 30 nozzle)		20	0.71	52.5	42.0	35.0	26.2	21.0	17.5	15.0	13.1	11.7	10.5	Black	Lt. Blue
			30	0.87	64.3	51.4	42.8	32.1	25.7	21.4	18.4	16.1	14.3	12.9		
			40	1.00	74.2	59.4	49.3	37.1	29.7	24.7	21.2	18.5	16.5	14.8		
			50	1.12	83.9	66.4	55.3	41.5	33.2	27.7	23.7	20.7	18.4	16.6		
			60	1.22	90.9	72.7	60.6	45.4	36.3	30.3	26.0	22.7	20.2	18.2		
	TDXLV10 (Venturi Part #) see 30 tip		80	1.41	104.8	83.9	70.0	52.5	42.0	35.0	30.0	26.2	23.3	21.0	Black	Lt. Blue
			100	1.59	117.3	93.9	78.2	58.7	46.9	39.1	33.5	29.3	26.1	23.5		
			120	1.75	128.5	102.8	83.7	64.3	51.4	42.8	36.7	32.1	28.6	25.3		
			20	0.71	52.5	42.0	35.0	26.2	21.0	17.5	15.0	13.1	11.7	10.5		
			30	0.87	64.3	51.4	42.8	32.1	25.7	21.4	18.4	16.1	14.3	12.9		



TurboDrop® DualFan Nozzle (TADF)

Using the Multi-Purpose DualFan

Nozzle The TurboDrop® Asymmetric DualFan (TADF) is a revolutionary technology in spray nozzle development from Greenleaf Technologies. With this dual fan design you can achieve a low drift canopy where larger droplets surround smaller ones in a four-way spray pattern that balances coverage and drift control.



Demco

Nozzle Bodies



Part #	Description	Net
DF12NTL	1/2" Nozzle body elbow & check valve assembly	\$19.39
DF12NTT	1/2" Nozzle body Tee & check valve assembly	\$19.39
DF34NTL	3/4" Nozzle body elbow & check valve assembly	\$19.39
DF34NTT	3/4" Nozzle body Tee & check valve assembly	\$19.39
DFDV	Replacement Diaphragm, Viton	\$2.77
DFCP	Diaphragm & Cap Assembly	\$8.31
DFGE	EPDM Tip Cap Gasket	\$1.05
DFFD	Floodjet Cap (Red)	\$2.09
DFFT	Flat Cap (Yellow)	\$2.09



TEXAS INDUSTRIAL REMCOR, INC.

Model RC-1B Sprayer Control

PARTS LIST

Price
\$547.48



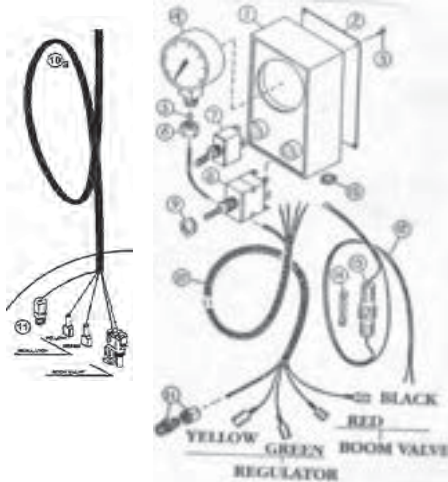
REF.	PART NO.	DESCRIPTION	REQ.	PRICE
1	1266	Knob	2	\$8.74
2		1/4" - 20 x 3/4" Cap Screw w/Hex Nut	2	\$1.43
3	9627	Mounting Bracket	1	N/A
6	1175	Regulator Switch	1	\$45.61
7	1214	Boom Switch	4	\$26.48
9		Screw, No 4 x 3/8"	4	\$1.36
10	1332	Gauge, 0-800 kPa (Op.) 1/8" NPT	1	\$82.68
11	1204	Ferrule	1	\$10.89
12	1187	1/8" NPT Nut	1	\$8.22
12	1320	1/4" NPT Nut, Use with 1/4" NPT gauges	1	\$8.97
13	1212	8' (2.4M) Power Cord	1	\$14.12
15	1172	Fuse Holder	1	\$27.15
16	70079	Fuse 10 Amp. 3AG	1	\$4.11
17	1195	6' (1.8M) Cab Harness	1	N/A
17	1294	10' (3M) Cab Harness	1	N/A
17	1294WP	10' (3M) Cab HarnessWeather Pack	1	N/A
18	1576	8' (2.4M) Sprayer Harness	1	\$119.95
18	1576WP	8' (2.4M) Sprayer Harness Weather Pack	1	\$119.95
18	1577	15' (4.5M) Sprayer Harness	1	\$224.90
18	1577WP	15' (4.5M) Sprayer HarnessWeather Pack	1	\$224.90
18	1578	24' (7.3M) Sprayer Harness	1	\$367.35
18	1578WP	24' (7.3M) Sprayer Harness Weather Pack	1	\$367.35
19	1182	1/8" Tube Union	1	\$7.14
20	1181	1/8" NPT x 1/8" Tube Fitting	1	\$4.95
	1231WP	15'(4.5) Extension Harness Weather pack	1	\$227.53

Model RC-10N Sprayer Control

PARTS LIST



Price
\$442.06



REF.	PART NO.	DESCRIPTION	REQ.	PRICE
1	1186	Control Box	1	Call
2	1203	Back Panel	1	Call
3		Screw, No. 4 x 3/8"	4	\$1.36
4A	1331	Gauge, 0-100 PSI, 1/4" NPT	1	\$40.04
4C	2399	Gauge, 0-200 PSI, 1/4" NPT	1	\$55.33
5	1204	Ferrule	1	\$10.89
6	1187	1/8" NPT Nut	1	\$8.22
6A	1320	1/4" NPT Nut	1	\$8.97
7	1214	On-Off Switch	1	\$26.48
8	1175	Regulator Switch	1	\$45.61
9	1205	Hex Nut for 1214 & 1175	2	\$1.70
10	1575	15' (14.5M) Harness	1	N/A
11	1181	1/8" NPT x 1/8" Tube Fitting	1	\$4.95
12	1206	Cord with Fuse Holder	1	\$37.87
13	1207	Fuse Holder	1	N/A
14	1208	5 AMP. Fuse	1	N/A
15	1209	Grommet	1	\$20.91
	1585	15' (4.5M) Harness Ext. (Op.)		\$178.37

1541B
Price
\$258.41

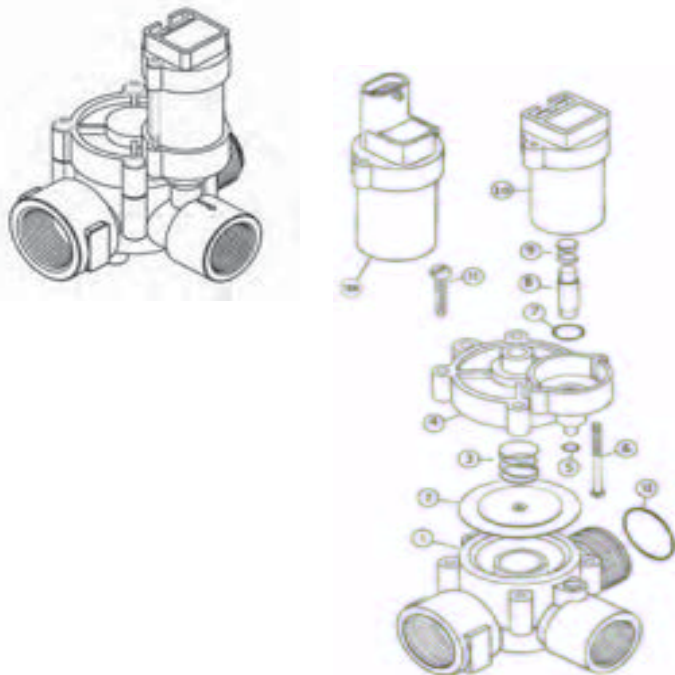


REF.	PART NO.	DESCRIPTION	REQ.	PRICE
1	2677	Motor Assembly	1	N/A
4	1480	Valve Body	1	\$72.55
5	1169	"O" Ring, .008 Viton	1	\$2.55
6		Screw, No. 4 x 3/8	4	\$1.36
	1541B	Complete		\$258.41

TEXAS INDUSTRIAL REMCOR, INC.

Solenoid Valve - 15 GPM, 12 volt DC

	Price
Complete 1999A-1A	\$228.83
Complete 1999A-1AWP	\$228.83



Parts List For A Style

Item	Part #	Description	Req.	Price
1	1962	Valve Body	1	\$51.13
2	1974*	Viton Diaphragm, Std.	1	\$55.94
2	2109+	Aflas Diaphragm, Opt.	1	\$78.44
3	1975*+	Spring	1	\$8.62
4	7963	Valve Cover	1	\$49.11
5	1976*+	Viton O-Ring, Std.	1	\$5.32
6	5305	6-32 x 2-5/8 Screw w/Hex Nut		\$2.47
7	1977*	Viton O-Ring, Std.	1	\$6.03
8	2239*	Plunger w/Viton Seat, Std.	1	\$38.07
8	2240+	Plunger w/Aflas Seat, Std.	1	\$43.10
9	1979*+	Plunger Spring	1	\$8.77
10	2515A	Coil Assembly	1	\$102.91
11	5307	# 8 x 1-1/2 Screw	4	\$2.43
12	2168	O-Ring	1	\$3.94
	2517	Viton Repair Kit - Items *		\$75.57
	2518	Aflas Repair Kit - Items +		\$108.78
	1990	Mtg. Brkt For 3 Valves		\$51.54

For Old Style - Tall Coil (3")

5	1976*	Viton O-Ring	1	\$5.32
6		6-32 x 3 Screw w/Hex Nut	2	\$3.85
7	1977*	Viton O-Ring	1	\$6.03
8	6978*	Plunger w/Viton Seat, Std.	1	\$50.76
8	2112+	Plunger w/Aflas Seat, Std.	1	\$56.02
10	2613	Coil Assembly	1	\$112.96
	2045	Viton Repair Kit - Items *		\$100.76

2100C Solenoid Valve



- Max. PSI: 125
- GPM: 0-10
- PSI Drop: 7 PSI @ 10GPM
- Current Draw: 2 AMP

	Price
2100C-1V Solenoid Valve	\$200.46
2100C-1VWP Solenoid Valve	\$204.16
(With Weather Pack)	

2201A Solenoid Valve



- Max. PSI: 125
- GPM: 1
- Current Draw: 1.1 AMP

Price
\$124.08

2204A 3-Way Solenoid Valves



- .105 diameter orifice
- .22 CV rating
- 1/2 GPM (1.9 LPM)
- 40 PSI (275 kPa)
- 12-volt DC
- .85 amp

Price
\$128.11

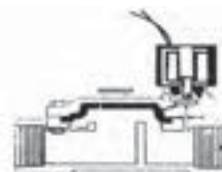
2502B Solenoid Valve



- Max. PSI: 175
- GPM: 0-8
- Pressure Drop: 5 PSI @ 8GPM
- Current Draw: 2 AMP

	Price
2502B.1	\$164.97
2502B.WP	\$167.16

1" In-line Electric Boom Valve



Reinforced nylon, santoprene diaphragm,
viton o-rings, 30gpm and 150 max psi

	Price
EVC700 Complete	\$170.34
EVC700-D Diaphragm Only	\$20.85
EVC700-S Solenoid Only	\$117.31

12 Volt Fuel Pumps For Portable Tanks

EZ-8



This 12v pump delivers 8GPM
Includes a 5/8" x 10' hose,
suction pipe, & manual shutoff.

EZ-8

CALL FOR PRICE

M-150S-EM



Get dependability & efficiency with
this 12V portable pump.
Delivers up to 15 GPM
Includes a 3/4" x 10' grounded hose
and manual shutoff.

M-150S-EM

CALL FOR PRICE

M-3025-ML



High performance 12v pump.
Delivers up to 25 GPM
Includes a 1" x 12' grounded hose
and manual shutoff.

M-3025-ML

CALL FOR PRICE

115 Volt Fuel Pump

GPI Pumps



Delivers up to 20 GPM 115-V motor 1/3 hp
Includes a 3/4" x 12' grounded hose and
manual shutoff.

M-3120-ML CALL FOR PRICE

Highest flow rate of any GPI pump. With a
large 3/4hp 115-V motor. Delivers up to 30
GPM. Includes a 1" x 12' grounded hose and
manual shutoff.

M-3130-ML CALL FOR PRICE

Fuel Meters

01A31GM Digital Meter



Factory calibrated for fuel. Large 4 digit
display. Light Weight Aluminum
Measures 3 - 30 GPM.
Powered by two AAA batteries.

01A31GM CALL FOR PRICE

FM530 Mechanical Meter

Mech. Meter / Rated for 5 - 30 GPM



MR-5-30-G6N - 3/4"

CALL FOR PRICE

MR-5-30-G8N - 1"

CALL FOR PRICE

MR-5-30-G12N - 1-1/2"

CALL FOR PRICE

DEF Pumps And Accessories



DURA PRODUCTS
Technology with Lasting Value

DEF-6018E-12

12 Volt DEF Pump Only

Price:

\$1,252.00

DEF-6018E-110

110 Volt Pump Only

\$1,285.00



DP-3000D

DEF Dura Meter

Price:

\$550.00



DEFE-6518AE-12

12 volt caddy with auto shutoff
(RPV top suction)

Price:

\$1,714.00

DEFE-6518AE-110

110 Volt Auto Shutoff (RPV Top
Suction)

\$1,749.00



DEFT-6018AE-12

12 Volt Caddy with Auto Shutoff

Price:

\$1,483.00

DEFT-6018AE-110

110 Volt Caddy with Auto Shutoff

\$1,525.00



Bottom Suction DEF Easy Caddy



DEFE-6018AE-12

Bottom Suction DEF Easy Caddy 12 Volt Auto Shutoff Nozzle

Price

\$1,613.00

DEFE-6018AE-110

Bottom Suction DEF Easy Caddy 110 Volt Auto Shutoff

\$1,648.00

Micro Matic Coupler For DEF

Part #	Description	NET
743-096	Buttress Barrell Adapter	\$80.00
743-016	NPT Barrell Adapter	\$80.00
744-013	Drum Valve DEF	\$226.00

Note: DEF Micro Matic Couplers are
only compatible with 4 Pins



DEF Hand Lever Pump



- Fast delivery - 11oz per stroke
- Suitable for low volume shops
- Bung adapter included - securely fastens pump to drum
- Polypropylene construction, fluorocarbon seals
- Telescoping suction pipe included

NET

FRHP32V Hand Lever Pump

\$145.00

DEF Pump Accessories



DP-N4005

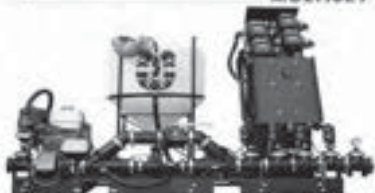
DEF Nozzle 3/4" NPT Automatic Shutoff.

NET

\$328.00

New Products from Dura

FASTBATCH MULTIJET



DPFB-MULT2V4-12

2" 12VDC 4-pump FastBatch Multijet System Viton No Pump Included

DPFB-MULT3V4-12

3" 12VDC 4-Input FastBatch Multijet System Viton No Pump Included

FASTBATCH VENTURI



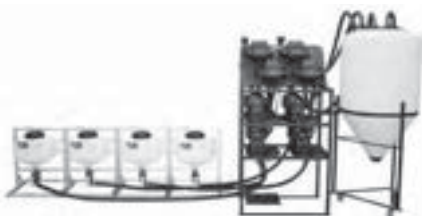
DPFB-VENT2V4-12

2" 12V 4 INPUT FastBatch Venturi System Viton No Pump Included

DPFB-VENT3V4-12

3" 12V 4 INPUT FastBatch Venturi System Viton No Pump Included

Auto-Batch Drone Hot Load Systems



DPAB-DRONE1V-12

DPAB-DRONE1V-110

Auto-Batch™ Drone Hot Load System with 12V or 110V Pumps, Meters & Viton Seals

Auto-Batch High-Flow Meter System



DPAB-HFM2KITV

2" Auto-Batch™ High-Flow Meter System with Viton seals

DPAB-HFM3KITV

3" Auto-Batch™ High-Flow Meter System with Viton seals

1" Dura Electric Valve



DPEV-100

1" Dura Electric Valve, 12 VDC, 0.8 Sec, ON/OFF

Price

\$517.00

DPEV-1A

Actuator Only, 1" series 12 VDC, 0.8 Sec ON/OFF, 4 Pin DT

\$343.00

DPMV-100

1" 2-way, 1" Flange X 1" Flange Valve with Manual Handle

\$154.00

DPMV-1H

Manual Valve Handle

\$24.00

Herbicide Pumps and Meters



Dura Pump Only

Part #	Description	Price
DP-6018V-12	Dura Pump Only 12V	\$1,261.00
DP-6018V-110	Dura Pump Only 110V	\$1,384.00



Dura-Pump Easy Caddy (Meter Not Included)

Part #	Description	Price
DPE-6018V-12	Easy Caddy, 12V, Viton	\$1,474.00
DPE-6018V-110	Easy Caddy, 110V, Viton Includes Hose, Valve & Coupler	\$1,604.00



Dura-Pump Auto Batch System (Includes Meter)

Part #	Description	Price
DPABS-6318V-12	Dura-Pump Autobatch System 12 V, Viton	\$2,834.00
DPABS-6318V-110	Dura-Pump Autobatch System 110V, Viton	\$2,961.00
DPAB-12	Auto Batch Meter Only - 12 Volt	\$1,487.00
DPAB-15	Auto Batch Meter Only - 115 Volt	\$1,487.00



Dura Meter Only

Part #	Description	Price
DP-3000V	Dura-Meter, Meter Only, Viton	\$568.00
DP-MFP01	Dura-Meter Faceplate Only	\$475.00
DP-HFM2V	Dura-Meter 2" High Flow	\$1,641.00
DP-HFM3V	Dura-Meter 3" High Flow	\$2,061.00



Dura Parts & Accessories

Part #	Description	Price
DP-P4012-M	12 Volt Motor Assembly	\$867.00
DP-P4015-M	110 Volt Motor Assembly	\$858.00
DP-P6017A-V	Cartridge Kit -Viton	\$365.00
DP-H4001A-V	Lower Housing	\$158.00
DP-G4001A-V	Gasket -Viton	\$90.00
PMR20	12 V Replacement Cable	\$52.00



Dura ABS Auto Batch System Available in 1 to 4 units

CALL FOR PRICING

2" Line - 4 Meter System

3" Line - 4 Meter System



Portable liquid Transfer Pump

MICO 6000 Series TRANSFER PUMPS



AVAILABLE IN 12 VDC OPERATION, 6000 Series Power Heads are interchangeable with all 4000 Series Standpipes.

Complete unit pump includes 12 VDC Power Head, Standpipe, Battery Cable, 12 Ft. Discharge Hose, Nozzle and Nozzle Holder. Complete unit pump weighs only 25 lbs.

The powerful 12 VDC motor drives a compact three stage impeller unit which is located at the bottom of the standpipe. A 12 VDC battery provides the power source. The

pump is designed and built to meet requirements for Class 1, Group D apparatus.

The all-weather construction includes completely sealed motor, switch and circuit breaker compartments, die-cast main body, non-corrosive aluminum, plastic and stainless steel parts.

A two inch adjustable rotating collar adaptor, with vapor seal, allows for simple installation in bulk tanks and 55 gallon barrels.

Compatible with a variety of liquids including water, low-viscosity petroleum products, most herbicides and many other liquids.

Pumps to 16 GPM. No priming necessary.

Pump Assembly

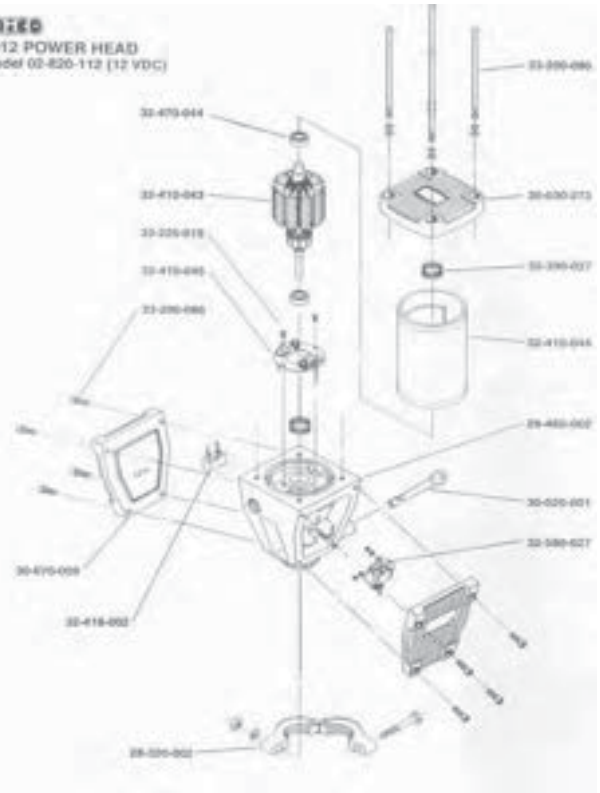
Part #	Length	Price
MPA24	24"	\$1,158.00
MPA30	30"	\$1,158.00
MPA38	38"	\$1,211.00
MPA48	48"	\$1,263.00

Mico Pump Assby Includes Standpipe, Powerhead, Hose, Nozzle & Holder

Standpipe Only

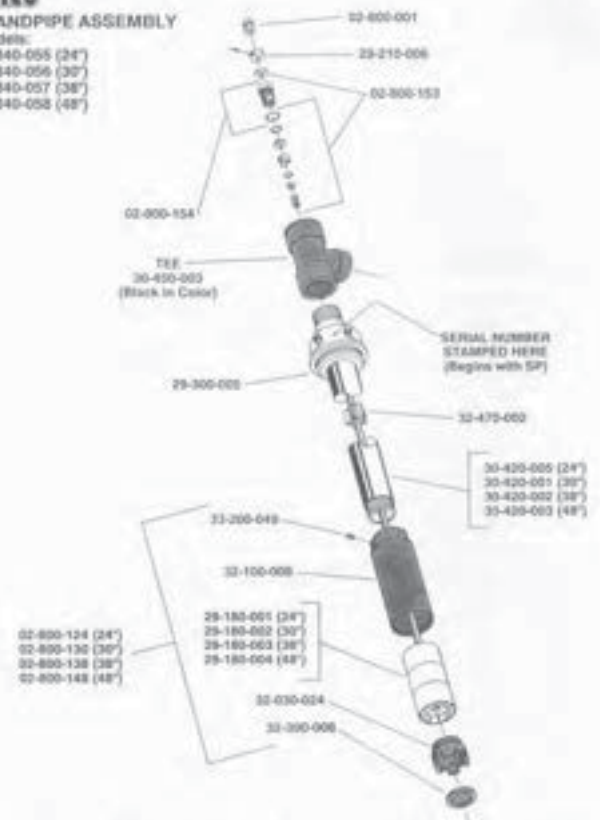
Part #	Price
02-840-055-24"	\$342.25
02-840-056-30"	\$342.25
02-840-057-38"	\$362.00
02-840-058-48"	\$382.00

MICO 6012 POWER HEAD Model 02-820-112 (12 VDC)



MICO STANDPIPE ASSEMBLY

Models:
02-840-055 (24")
02-840-056 (30")
02-840-057 (38")
02-840-058 (48")



When ordering repair parts be sure to give part number wanted. Also be sure to give model and serial number of pump. This will insure our supplying the proper part.

Chemical Pumps and Meters

Sotera



The most cost effective 12v pump.
Up to 13 GPM, Includes 2" tank adapter,
and mounting bracket SS415BX731

Part No.	Description	Price
SS415-BX731	Pump/Motor Only	\$1,370.00



Sotera Hand Pump

Economical way to transfer chemical.
Approx. 11oz. per stroke.
Includes diptube, hose kit, & adapter

Part No.	Description	Price
FR20V	Hand Pump	\$186.00



GPI Hand Pump

Up to 1 pint per stroke
2" NPT
Expandable to fit drums to 36"
Use with water, petroleum and most
agricultural products

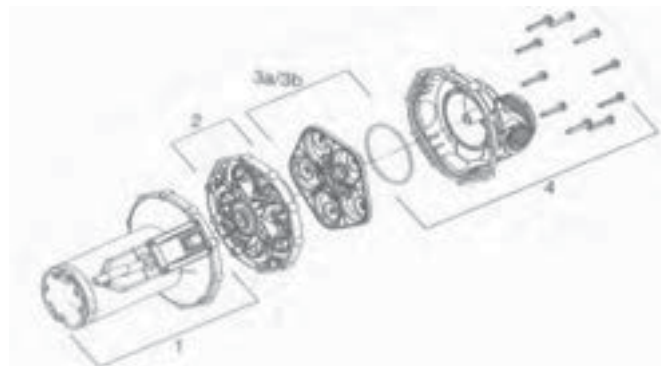
Part No.	Description	Price
LP-50	Hand Pump	\$150.00

SHURflo®

SF-1105 Chemical Transfer Pump



Part No	Description	Price
SF-1105	Pump/Motor/Viton	\$600.00
SF-1100	Pump/Motor/EPDM	\$550.21



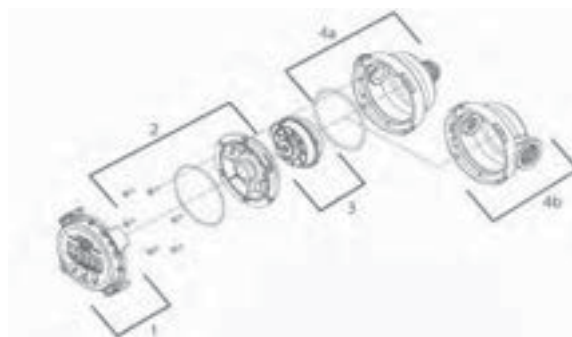
Pump Kits

Item	Part No.	Description	Price
1	94-718-00	Motor Assy.	\$396.12
2	94-719-00	Dia. / Drive Assy	\$117.71
3a	94-720-00	Valve Kit (EPDM)	\$106.62
3b	94-720-05	Valve Kit (Viton)	\$137.43
4	94-721-00	Housing Kit	\$102.39

Model FM-1100 / FM-1100i
Electronic Flow Meter Operation



Part No	Description	Price
FM-1100	Pump Mount	\$432.45
FM-1100i	In-Line Mount	\$432.45



Flowmeter Kits

Item	Part No.	Description	Price
1	94-732-00	Elec. Assy Kit	\$268.31
2	94-733-00	Housing Cover Kit	\$42.59
3	94-734-00	Nutating Chamber	\$78.34
4a	94-735-00	90deg Housing	\$87.26
4b	94-736-00	Inline Housing	\$83.16

1-800-450-6666

Zues Pump

Zeus Bulk Transfer

Part No.	Description	Price
ZT-9500	12 VDC, Pump Only, 18' w/ Battery Clips & 50 AMP Fuse	\$940.00
ZTK-9500	12 VDC, Transfer Kit w/ Bracket, Hose & Fittings	\$1,142.00
ZT-9515	115 VAC, Pump Only, 6' Cord, 3 Prong Plug	\$1,020.00
ZTK-9515	115 VAC, Transfer Kit w/ Bracket, Hose & Fittings	\$1,230.00



Zues Def Pump

Part No.	Description	Price
ZDEF-9500	12 VDC, Pump Only, 18' w/ Battery Clips & 50 AMP Fuse	\$960.00
ZDEFK-9500	12 VDC, Transfer Kit w/ Bracket, Hose & Fittings	\$1,170.00
ZDEF-9515	115 VAC, Pump Only, 6' Cord, 3 Prong Plug	\$1,090.00
ZDEFK-9515	115 VAC, Transfer Kit w/ Bracket, Hose & Fittings	\$1,430.00



Both Pumps - Pressure: 60 PSI, Up to 14 GPM



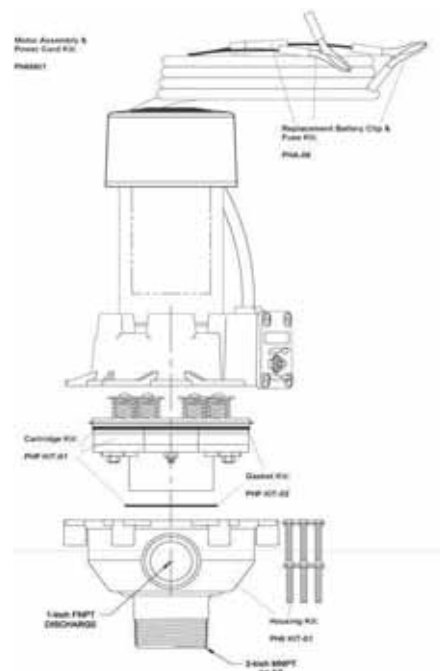
AP-30 Air Pump



Part No.	Description	Price
AP-30	Complete Pump	\$1,300.00
AP-30-KIT	Repair Kit	\$236.44

PH6, SS6 & DD6 Pumps and Parts are Discontinued

We may have a few miscellaneous items in inventory.
Please call to check availability.





CT6 High Flow Chemical Transfer Pump
Features 12 Volt Pump, High Flow Output of 18 GPM



Part #	Description	Price
CT6-1V15BA-000	CT6 Pump High Flow Viton Bare	\$696.00

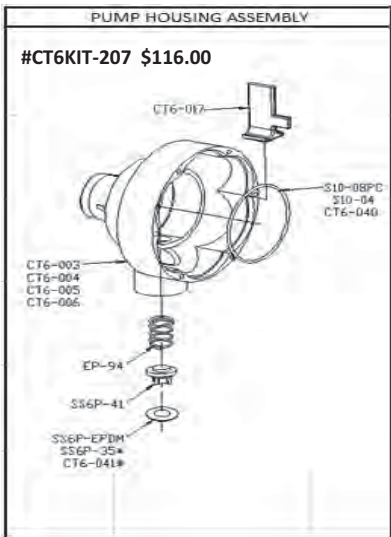


Part #	Description	Price
CT6-3E5GA-001	CT6-IBC Cage System High Flow Includes Pump (EPDM), Hose, valve & bracket	\$1,105.00



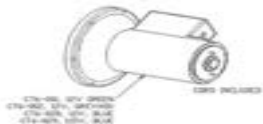
Part #	Description	Price
CT6-3E5DA-000	CT6 Caddy -High Flow Includes Caddy,Pump (EPDM),with meter, hose & valve	\$1,610.00

Parts For CT6 Pump

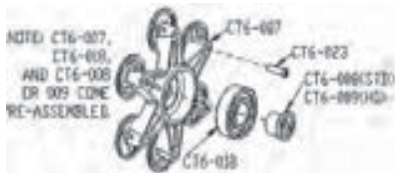


Part #	Description	Price
CT6KIT-207	Pump Housing Assembly, High Flow, Viton	\$116.00
CT6KIT-102	Motor Assembly. High Flow 12 Volt	\$540.00
CT6KIT-104	Motor Assembly. High Flow 115 volt	\$540.00
CT6KIT-602	Wobble Plate Assembly. High Flow	\$116.00
CT6KIT-304	Valve Plate Assembly, High Flow, Viton	\$113.00

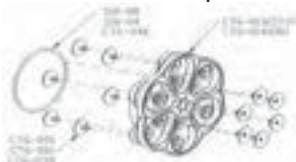
Motor #CT6KIT-102 12 volt \$540.00
Motor # CT6KIT-104 115 volt \$540.00



Wobble Plate Kit #CT6KIT-602
\$ 116.00



Valve Plate #CT6KIT-304
\$ 113.00



Herbicide Pumps and Meters

Model 825 & 850 Meter



1" Inlet & Outlet
Two AA Batteries
2 - 20 GPM at 120PSI

825 Meter

Price
\$465.00

850 Meter - has air eliminator

\$575.00

**GPI FM300H
Elec. Disc Meter**



FM300H

Price
\$625.00

GPI 12V / Hand Pump



HP100C - Hand Pump
P-200H - 12Volt

Price
\$530.00
\$1,500.00

Scienco SEM-10FT Meter



Nylon Body
1" MNPT x 1" FNPT
Three AA Batteries
2 - 30 GPM at 60PSI
3 Calibration Modes
+/- 0.5% Accuracy

SEM-10FT

Price
\$440.00

**Model 807CN1
Mechanical Meter**



HD Cast Aluminum/Nickel Plate
1" FNPT Inlet / Outlet
3 Wheel Register - 100gal Current
and up to 100,000 Accumulative
5 - 20 GPM at 50PSI

807CN1

Price
\$545.00

**Banjo Dry-Mate Dry
Disconnects (1-1/2" Port)**



DM150A - 1-1/2" male
DM150D - 1-1/2" female
DM200A - 2" male
DM200D - 2" female
DM300AFP - 3" FP Male
DM300DFP - 3" FP Female

Price
\$264.92
\$283.70
\$264.92
\$283.70
\$486.83
\$549.39

SEM-10 Kit-01



SEM-10-Kit-01
(Face, Gasket & Screws)

Price
\$295.00

S10-14 Magnet

\$28.00

Drum Faucet



400F6775 - 3/4"
400F8995 - 2"

Price
\$17.00
\$62.00

**1" Polypropylene Telescoping
Suction Pipe 24" to 40"**



400F1855

Price
\$56.00

Banjo 1" Dry Coupler



DF100D - 1" Dry Fit Female
DF100A - 1" Dry Fit Male

Price
\$130.40
\$81.04

**Banjo & TerreMax
Dry Poppet Couper**



DPCF100 - Female Cplr x 1" FNPT
DPCM100 - Male Cplr x 1" FNPT
QD100F - Female Cplr, 1" FNPT
QD100M - Male Adapt, 1" FNPT, 2"
Buttress
QD100NPS - Male Adapt, 1" FNPT,
2 NPS

Price
\$159.08
\$154.04
\$99.30
\$78.72
\$78.72

Monsanto Diptube



For **GOLD** Keylock

DV-120/150P-TCC
DV-250P-TCC

Price
\$60.00
\$63.00



PC004 - 4oz cylinder
PM80008 - 8oz pitcher
PM80016 - 16oz pitcher
PM80032 - 32oz pitcher
PM80064 - 64oz pitcher
PM80128 - 128oz pitcher
PM80384 - 3 gallon pitcher

Price
\$8.00
\$13.00
\$15.00
\$20.00
\$26.00
\$34.00
\$72.00

TeeJet Calibration Container
CP24034A-PP - 60oz

\$43.04

Dura 5 Gallon Calibration Jug

Part No.
DP-CALJUG



Price
\$330.00

Chemical Adapters and Misc.



Monsanto Coupler

	<u>Price</u>	Quick Coupler Gasket	<u>Price</u>
35F1673	\$42.00	TC017-260	\$5.00

**2" Male Butress
x 2" Female NPT**



	<u>Price</u>
35F0615	\$30.00

**2" Female Butress
x 2" Male NPT
Banjo**



	<u>Price</u>
TA283	\$25.52

**2" Female Butress
x 2" Male Adapter
Banjo**



	<u>Price</u>
TA283QD	\$19.87

**Bung Adapter
2" MNPT x 2" FNPT
with 1" FNPT**



	<u>Price</u>
PH-25	\$49.00

Drum Plug & Vents



		<u>Price</u>
231MPT	2" MPT Solid	\$8.21
260MPT	2 "MPT with Vent	\$5.70
075MPTL	3/4" Plug w/ Retainer	\$1.43



		<u>Price</u>
AND-3/4K	2" NPT w/ 3/4" Knockout	\$6.00
ANB-3/4K	2" Butress w/ 3/4" Knockout	\$6.00



		<u>Price</u>
Vent-N1	2" NPT w/ 1" Vent	\$12.00
Vent-B1	2" Butress w/ 1" Vent	\$12.00

**IBC Lids
6" Universal IBC Lid**



Part #	Description	Price
IBCL-S	Solid	\$20.00
IBCL-2NP	Lid w/ 2" NPT Plug	\$20.00
IBCL-2BP	Lid w/ 2" Butress Plug	\$20.00
IBCL-DBL	Lid w/ Two 2" NPT Plugs	\$36.00

Shallow Caps



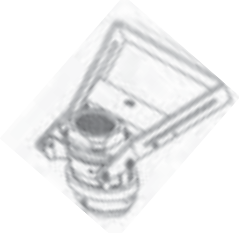
Part #	Description	Price
201FPT	Black Cap	\$7.56
211FPT	Yellow Cap	\$7.56
250FPT	White Cap	\$7.56
260FPT	Green Cap	\$7.56

Portable Refillable Container Parts

One Way Check Valves		
Part No.	Size	Price
CV100MT	1" MPT x FPT	\$22.75
		
Tamper Evident Device		
Wire Cables		
Part No.	Size	Price
S-13699	1/16 x 12"	\$4.20
S-13700	1/8 x 12"	\$5.00
		
Bulk Wire		
PSS1000SS	1000' Per Roll	\$195 per roll
PSW97 (Red) Clips		\$74 per box
	(100 per box)	
Nylon Cable Ties		
H-610	12" - Yellow	\$1.05
H-1345-R	18" - Red	\$1.85
		
E Z Lock		
H-1186	2"	\$0.75
		

Banjo One Way Valve		
Part No.	Make	Price
WFC230254	Mauser	\$72.40
		
WSF210	Schutz	\$71.40
		

Micro Matic Couplers		
Drum Valve		Net
744-003	Viton Drum Valve	\$85.15
Barrel Adapters		
743-008	Viton 2" NPT	\$84.20
743-087	Viton 2" Buttress	\$84.20
Fill Head		
744-023	Filler	\$403.15
Flex Tube		
743-203		\$13.70
Rinse Socket		
2DV3-001		\$142.25



744-003
Drum Valve

IBC Sping Weld Ball Valves		
Part No.	Description	Price
BCF60	2" Cam IBC valve; viton seal; yellow cap; 60mm collar thread	\$50.40
BCMT60	2" NPT IBC valve; viton seal; yellow cap, 60mm collar thread	\$50.68
BCF60C	2" Cam IBC valve; viton seal; yellow cap w/ check valve; 60mm collar thread	\$54.45
BCF75	2" Cam IBC valve; viton seal; yellow cap; 75mm collar thread	\$50.51
BCMT75	2" Cam IBC valve; viton seal; yellow cap; 75mm collar thread	\$50.80
BCF75C	2" Cam IBC valve; viton seal; yellow cap w/ check valve; 75mm collar thread	\$54.56

BCF60



BCMT60



BCF75



CHECK VALVE [BCF60C & BCF75C]



FOIL SEAL



Foam For Spray Markers



Water Conditions & Quality May Differ the Mix Ratio. Never Mix With Other Foam.

Everlast Foam

Mix Ratio: Up to (160:1)

Part No.	Description	Price
EFC100	Per Gallon	\$103.20



Defoaming Agent

Defoamer is a fast and effective product for suppressing foam in the tank. Defoamer reduces filling time & lessens overflow waste.

Add 1 to 2 oz. per 100 gal. mix.

Part No.	Description	Price
DFA100	Sold per Pint	\$25.50



AntiFoam

Designed to prevent foam from foaming in the spray tank. Preventing foam is more efficient than knocking it down.

Add 2 - 4 oz. per 100 gal. of mix.

Part No.	Description	Price
AFA100	Sold per 1 Qt.	\$37.75

Foam Dye

Foam Dye helps increase the visibility of your marking foam

Add 1 oz. per 10 gal. of foam concentrate

Part No.	Description	Price
FDC100	Per pint (red or blue)	\$56.50



Tank Cleaner

Tank & equipment cleaner is designed for cleaning tanks, lines and nozzles to remove residues left from pesticides, herbicides and fertilizers.

1 lb. per 100 gal. of water

Part No.	Description	Price
TC100	1 lb Container	\$22.75



Tank Rinsing Ball



Self Operating Spray Ball Tank Rinse

*360 Deg. Coverage - 20ft Range

*Jets Rotate on Horizontal Axis.

*Min. Pressure to Operate - 3 GPM @ 50 PSI

*Max. Pressure 200 PSI

*Made of High Impact Nylon

*1" Female Threads

Part No.	Description	Price
SB100	Rinse Ball	\$108.75

Jet Rinse



Part No.	Description	Price
JR100	Jet Rinse	\$56.50

String Wing Rope Wick



5' sections help to reduce wicks from drying out when applying on uneven ground. Build any length applicator with the convenient 5' sections. Each section has its own 1-1/4" opening & breather. New wick arrangement gives a double wipe which means an even application rate and better kill.

	Price
SW	\$237.00

Weed Thief-Rope Wick

Robs garden of unwelcome weeds, rids lawns of dandelions, cleans fence rows, kills weeds in row crops, easy to use lightweight 2-1/2 lbs when filled, economical



	Price
WTI	\$41.05

Banjo Full Port Flow Meter

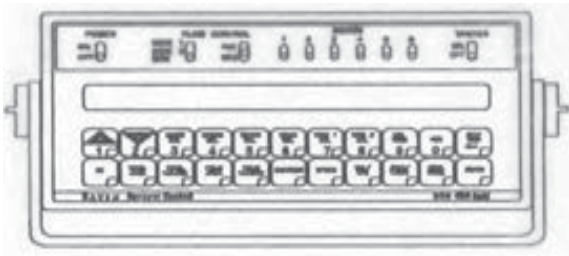
Displays total volume & batch, gallons or liters per minute, self calibrating, six AA batteries, temp 0 - 150 deg. F



1" meter 99% from 2 to 110 gpm
2" meter 99% from 6 to 300 gpm
3" meter 99% from 14 to 670 gpm

Part No.	Description	Price
FM100	1" FP Female NPT	N/A
MFM100	1" FP Manifold	\$1,230.32
MFM220	2" FP Manifold	\$1,397.93
MFM300	3" FP Manifold	\$1,754.47

Raven Sprayer and NH3 Systems



The SCS450 system consists of a console cable, 6' valve cable, flow meter & regulating valve along with instructions. No speed sensor is included.

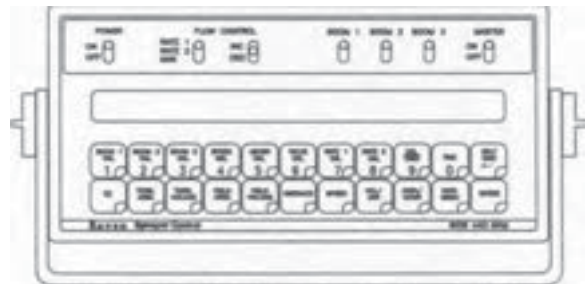
Part No.	Flow Meter	Booms	Regulator	Price
SCS450C	Poly RFM60P	6	1" Poly	\$6,018.75

Raven Electronics

<u>Parts / Cables for 203</u>			<u>Part No.</u>	<u>Description</u>	<u>Price</u>
417002	Pressure gauge	\$63.75	084SCS203	203 Asbly.	Discontinued
412037	Master switch	\$23.05			
412039	Pressure switch	\$47.44			
333004A	Gauge fitting 1/8"	\$8.59			
333008	Union fitting	\$8.64			
107025	12' Extension	\$269.19			
115010	Console cable	\$152.30			
115013	6' Secondary	\$274.31			
115015	12' Secondary	\$274.31			
063001	3/4" butterfly valve	\$239.10			



063183	440 Console Only	<u>Price</u> \$1,915.69
Options For Pressure Transducer on New Style 440 / 450 / 460		
		<u>Price</u>
422090	Pres. Transducer	\$655.94
115153	3' Pres. Cable	\$247.93
115152	10' Pres. Cable	\$309.93
115176	30' Pres. Cable	\$343.57
115151	12 Final Pressure Cable	\$276.27



<u>Parts for 400 / 440</u>		<u>Price</u>
412048	Power Switch	\$42.50
412046	Master Switch	\$47.83
412047	Boom Switch	\$38.97
412050	Rate Switch	\$72.63
412049	Inc/Dec Switch	\$67.31
510018	Fuse Holder	\$17.37
510010	Fuse (AGC 15)	\$1.77
106437	Bracket	\$44.29
106438	Knob	\$5.91
117444	Update Chip	N/A

Cables for 400 / 440

		<u>Price</u>
115418	10' Primary	\$694.21
115404	6' Secondary	\$449.83
115405	12' Secondary	\$554.32
115409	12' Extension	\$508.27
115414	24' Extension	\$612.75
115016	6' Flow only	\$232.00
115017	12' Flow only	\$244.38
115019	24' Flow only	\$295.75

063220	450 Console Only	<u>Price</u> \$3,402.27
063249	460 Console Only	Discontinued

Parts for 450 / 460

		<u>Price</u>
412048	Power Switch	\$42.50
412046	Master Switch	\$47.83
412047	Boom Switch	\$38.97
412050	Rate Switch	\$72.63
412049	Inc/Dec Switch	\$67.31
510018	Fuse Holder	\$17.37
510010	Fuse (AGC 15)	\$1.77
106437	Bracket	\$44.29
106438	Knob	\$5.91
117444	Update Chip	N/A



Cables for 450 / 460

		<u>Price</u>
115085	10' Primary	\$756.21
115495	6' Secondary	\$462.23
115496	12' Secondary	\$593.29
115856	12' Extension	\$805.81
115857	24' Extension	\$791.63

NH3 Accu-Flow Kits

Raven has raised NH3 application technology to new levels of performance with the AccuFlow Vortex cooler and AccuFlow HP (high performance) Plus. Both models use super cooling technology to stabilize NH3 as a liquid for superior accuracy and control. This pre-assembled system is the epitome of time savings. The AccuFlow Vortex allows you to apply more anydrous at faster speeds and cooler temperatures with less weight on the toolbar.

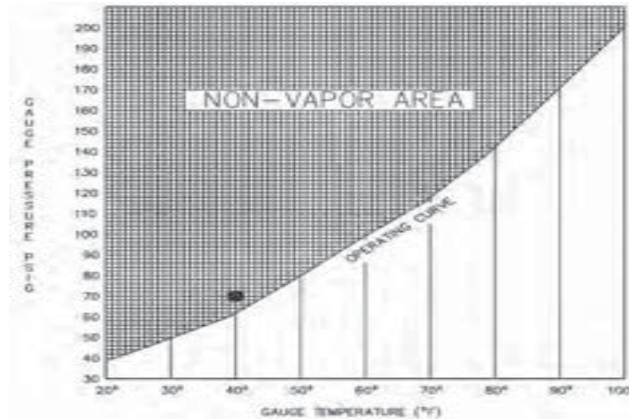


List Price

084 SCS612	Kit, Fast valve, Vortex, single inlet (No on/off valve included)	\$12,942.71
084 SCS613	Kit, Standard valve, Vortex /cooler single inlet (on/off valve included)	\$14,348.96

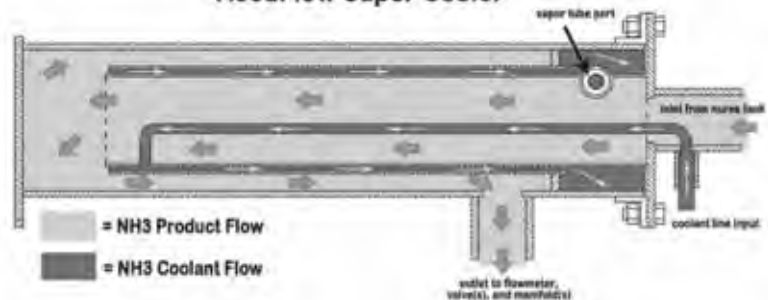


Given an observed pressure reading 70 PSI and temperature reading 40deg, F.
The point where these two readings intersect is within the non-vapor area.



NH3 Troubleshooting Guide

AccuFlow Super Cooler



1. Why don't I have a rate reading?

-Bad cabling, flowmeter, or transducer.

2. Why do I have an erratic rate?

-More than 5lb pressure drop from tank to cooler

-Plugged strainer

-Vapor tubes plugged

-Temperature vs. pressure problems

3. Why can't I reach my desired rate?

-Tank pressure is too low due to low temperature; need to reduce ground speed.

4. Why am I getting green streaks in my fields?

-Will have to increase from 2 to 4 shanks from the vapor tubes.

5. Vapor comes out of the vapor tubes when my valve is shut.

-Orings inside cooler are bad

-Removed shut off valve on 2 valve system and are just using the section shutoff valves to shut off flow. This will not shut off the flow prior to the return line, thus allowing a free flow through the vapor tubes.

6. Fast valve not working correctly.

-Check valve type programmed in console.

7. Part # of adapter harnesses to go from new valves to old flow cable.

-084 115807 Adapter cable, NH3 Regulating Valve

-084 115808 Adapter cable, NH3 On/Off Valve

8. Why is my rate way too high?

-Didn't change meter cal to pounds of actual N and were still trying to apply in gallons.

9. Why is my rate erratic or takes a long time to find the rate when applying a lower rate with a Fast Valve?

-Fast valve has trouble finding low rates and either we change the valve cal or go to a 2 valve system

Raven Regulating Valves

Poly Regulating Valve

		Price
063001	3/4", 360 deg Poly	\$239.10
063120	3/4" Butterfly Poly	\$384.68
063125	1" Butterfly Poly	\$622.22
117810	1" ISO Kit	\$177.79
0631894	1-1/2" Butterfly Poly	\$698.85
117739	1-1/2" ISO Kit	\$249.82



3/4" Valve



Stainless Steel and Carbon Steel

		Price	If replacing valve on a unit older then 2008 Will require you to also purchase a adapter	
063-0173-877	1" Ball - For NH3 Std Replaces 063168 Valve	\$1,157.09		
063-0173-878	1" Ball - For NH3 Fast Replaces 063170 Valve	\$1,325.67	115807	NH3 Reg. Adapter \$265.64
0632177	2" Butterfly-Stainless	\$1,586.20		
063181	3" Butterfly-Stainless	\$2,888.87		
New Style Parts				
0632980	Motor For Std Sys. Replaces 063144 Motor	\$678.93		
0632982	Motor For Fast Sys. Replaces 063146 Motor	\$1,095.79		
107393	Coupler	\$49.59		
107394	Coupler Clamp	\$35.42		
117-0171-686	1" Ball Valve	\$565.52		



ON / OFF Valves

		Price	If replacing valve on a unit older then 2008 please call. Will require you to also purchase an adapter	
063-0173-876	1" Ball-Carbon NH3 Replaces 063169 Valve	\$1,149.42		
063184	1-1/2" Ball - Poly	\$773.24		
063185	2" Ball - Poly	\$849.88	115808	NH3 On/Off Adapter \$265.64
063178	2" Butterfly- Stainless	\$1,616.85		
063182	3" Butterfly- Stainless	\$160.07		
New Style Parts				
063-0173-207	Motor Only On/Off Replaces 063145 Motor	\$842.91		
107393	Coupler	\$49.59		
107394	Coupler Clamp	\$35.42		
117-0171-686	1" Ball Valve	\$565.52		



New Style NH3 Items

	NH3 Regulating Valves		Price
063-0173-877	Std. 1" Reg. (pre 2011)	For use w/SCS991 kit	\$1,157.09
063-0173-878	Fast 1" Valve (pre 2011)	For use w/SCS157 kit	\$1,325.67
117-0171-706	Std. 1-1/4" Reg (2011+)	For use w/SCS413 kit	\$1,264.37
117-0171-707	Fast 1-1/4" Valve (2011+)	For use w/SCS391 kit	\$1,394.63
NH3 On / Off Valves			
063-0173-876	On/Off 1" Valve (pre 2011)		\$1,149.42
117-0171-705	On/Off 1-1/4" Valve (2011+)		\$1,264.37
NH3 Flowmeter			
RFM60S	1-1/2" Stainless Flowmeter		\$1,501.91



Raven Flowmeter

<u>RFM15 Poly Flowmeter</u>		<u>Price</u>
RFM15F	COMPLETE 1-1/2" FPT x 2" Flange .3-15GPM, 200PSI	\$688.13
		

<u>RFM55 Poly Flowmeter</u>		<u>Price</u>
	COMPLETE 1-1/4" Barb 1-55GPM, 200PSI	N / A
		
This meter is no longer available and can be replaced with the RFM60P and 2 - HB150125		

<u>RFM60P & RFM60S</u>		<u>Price</u>
<u>Poly and Stainless Flowmeter</u>		
RFM60P	COMPLETE-Poly	\$942.52
	1-1/2" FPT or 2" Flange (1-60GPM)	\$1,441.83
RFM60S	COMPLETE-SS	
	1-1/2" FPT - 300psi (1-60GPM)	\$1,563.21
RFM60SG	COMPLETE-SS For Vortex Cooler	
		

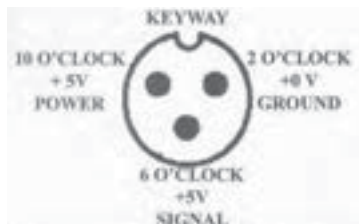
<u>RFM100 Poly Flowmeter</u>		<u>Price</u>
	COMPLETE 2" FPT or 2" Flange 3-100GPM, 150PSI	\$1,394.63
		

<u>RFM200 Poly Flowmeter</u>		<u>Price</u>
063-0173-579	COMPLETE 3" Flange 15-200GPM, 150 PSI	\$2,091.94
		

<u>Flow meter for CASE IH</u>		<u>Price</u>
063-0173-761		\$1,494.24
		

Procedure to Test Flow Cables

- Hold connector so keyway is at the 12 o'clock position
- Enter a METER CAL number of 1 in meter cal key
- Place BOOM Switches to ON
- With a small jumper wire, short between the 2 and 6 o'clock pins. Each time a contact is made, the TOTAL VOLUME should increase. If volume does not increase check next connection if any. Replace defective cable as required.
- Check for 5 volts between 2 & 10 o'clock and 2 & 6 o'clock
- If cables test good, replace/repair flow sensor/meter

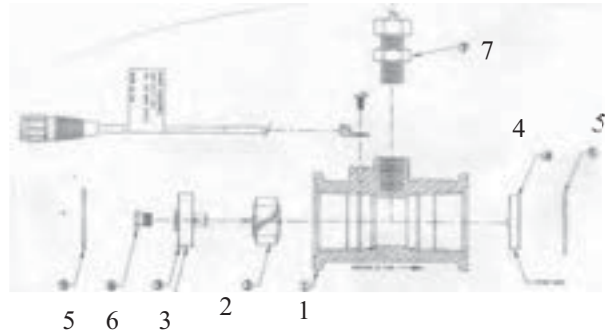


<u>Flow Meter for AGCO Sprayers</u>		<u>Price</u>
063-0173-359		\$1,394.63
		

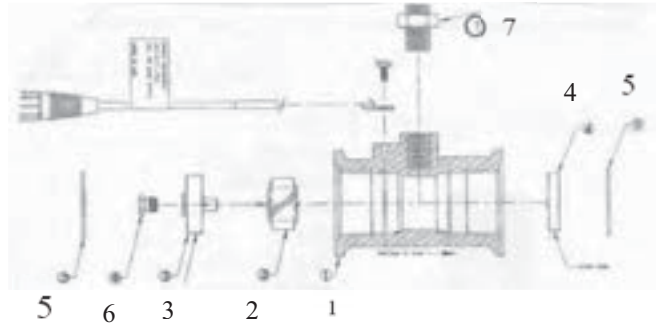
<u>Remote Whisker Switch</u>		<u>Price</u>
063037	Complete with wiring	\$525.60

Raven Flowmeter Parts

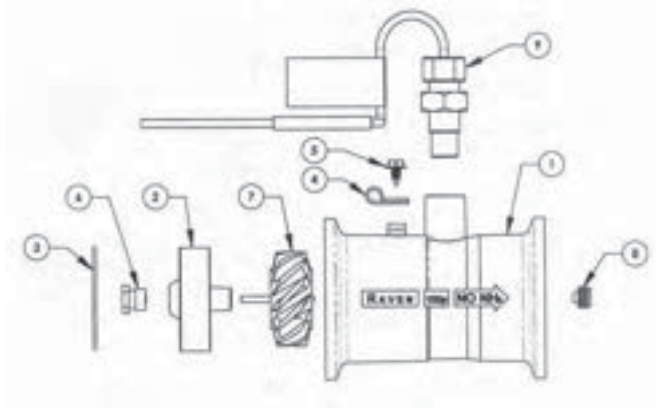
RFM 15 Poly Flowmeter			Price
1	084-106550	Poly Body	\$115.13
2	084-063041	Rotor	\$363.06
3	084-063674	Hub/Bearing Assy	\$221.38
4	084-063769	Rotor Stop & Brng	\$77.92
5	084-335278	Snap Ring	\$23.05
6	084-063062	Stud Bearing	\$47.83
7	084-063669	Sensor Assy	\$361.32



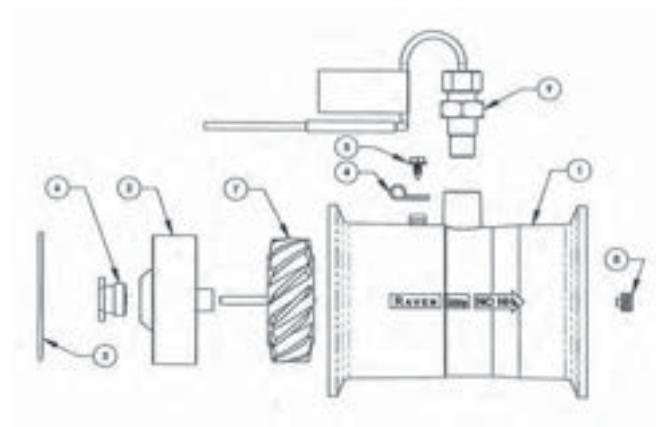
RFM 60P and RFM 60S			Price
1	084-106514	Poly Body	\$51.38
2	084-063673	Rotor	\$363.06
3	084-063674	Hub/Brng Assy.	\$221.38
4	084-063769	Rotor Stop & Brng	\$77.92
5	084-335278	Snap Ring	\$23.05
6	084-063062	Stud Brng	\$47.83
7	084-063669	Sensor Assy	\$361.32



RFM100 Poly Flowmeter			Price
1		N/A	
2	084 063581	Hub/Bearing Assy	\$283.36
3		N/A	
4		N/A	
5		N/A	
6	084 063575	Turbine Stud	\$170.01
7	084 063596	Turbine	\$347.11
8	084 063744	Stud, Bearing	\$88.55
9	084 630004	Sensor Assbly, Raven	\$398.48
	084 063458	Sensor Assbly,Case	\$499.41



RFM 200 Poly Flowmeter			Price
1		N/A	
2	084 063581	Hub/Bearing Assy	\$283.36
3		N/A	
4		N/A	
5		N/A	
6	084 063575	Stud Bearing	\$170.01
7	084 063597	Rotor Only	\$347.11
8	084 063744	Stud, Bearing	\$88.55
9	084 630004	Sensor Assbly, Raven	\$398.48
	084 063458	Sensor Assbly,Case	\$499.41



Misc. Raven

<u>NH3 Misc. Parts.</u>		<u>Price</u>
63314	30 Gal. Cooler Only	N/A
117723	Space Saver Kit	N/A
219143	Cooler Gasket (2007+)	\$44.29
117121	Cooler Gasket Kit (2007-)	\$249.71
219036	Cooler O-Ring	\$6.22
219076	Teflon Gasket	\$58.45
417009	Temp Gauge	\$359.52
214002	Vapor Tubes	\$30.12
418001	Magnet	\$15.16

<u>Cable Repairs</u>		<u>Price</u>
408010	Male speed	\$49.59
408014	Male flow	\$31.88
408015	Female Flow	\$28.75
408016	Female Speed	\$51.38
433002	Shielded cable	\$5.09

<u>Cables for Existing Radar</u>		<u>Console w/Rev E or Later</u>	
<u>Tractor</u>		<u>Part #</u>	<u>Price</u>
Case-IH w/Raven radar to 4 Pin Weather Pack		084115551	\$330.05
Ford Gen/Vers/New Holland		084115709	\$299.45
** John Deere (w/4 Pin Weather Pack)		084115519	\$458.69
John Deere 7000/8000/9000		084115700	\$430.36
JD 8000/9000 in cab to Raven		084115701	\$73.96
JD 30 Series 7 pin to Raven		084215100	\$167.19
JD 30 Series 7 pin to DJ		084215101	\$186.14
JD 30 Series 7 pin to Raven & DJ		084215102	\$211.77
JD Star Fire to Raven Console 19'		084115580	\$343.57
John Deere		084115519	\$458.69
** Case-IH (4 Pin Sq. Weather Pack)		084115517	\$508.27
Case MX or STX		084115304	\$811.10
Case MX in cab to Raven		084115MXR	\$94.74
Case MX in cab to DJ		084115MXD	\$94.74
New Holland TG & TJ		084115304	\$811.10
New Holland TG & TJ in Cab		084115MXR	\$94.74
CAT MT Rogator 8.5		084115580	\$343.59
65C / 75C / 65D / 75D / 85D		084115627	\$255.90
Row Crop 35 / 45 / 55		084115627	\$255.90
** Ford / White / Agco Allison		084115529	\$488.79
Y Cable Raven Connection		084115472	\$543.70
DJ Y Cable to Raven Console w/Power		084115526	\$412.65
Y Cable All Raven		084115472	\$543.70
Y Cable All DJ		084115DJY	\$170.54
Y Cable DJ to Raven		084115526	\$412.65

<u>Magnetic Speed Sensor</u>		<u>Price</u>
063484	Complete (4-Magnet)	\$660.54
063402	Red N magnet	\$72.63
063403	Black S magnet	\$74.38
063438	21' Switch	\$451.61
115020	6' Extension	\$222.92
115032	12' Extension	\$239.09
115018	24' Extension	\$272.74

<u>Radar Speed Sensor</u>		<u>Price</u>
TGD	DJ Radar w/ Power	N/A
500115	DJ Power cable	\$158.27
115522	Raven Power	\$309.93

<u>Dickey John Speed Ext. Cables</u>			<u>Price</u>
115DJ6	6' Ext.		\$133.75
115DJ12	12' Ext.		\$150.47
115DJ24	24' Ext.		\$167.19

<u>Adapter Cable For JD Green Star</u>			<u>Price</u>
084215100	Raven End		\$167.19
084215101	DJ End		\$186.14
084215102	Y-Raven & DJ		\$211.77

Misc. Electronics

Sky Trak

GPS Velocity Sensor

The SkyTrak Velocity Sensor brings the accuracy and ease of installation of a GPS receiver to equipment designed to measure speed pulses, such as from a radar or wheel speed sensor.

Standard Features:

- Self Contained (receiver, antenna, & converter)
- Dickey-John radar 4-Pin Connector
- 8 Channel GPS receiver
- 58.94 pulses / MPH
- 0.1 MPH accuracy from 0.5 to 50 MPH
- Surface, Brlt, Pipe, pr Magnet Mount
- UV stable plastic enclosure
- Compatible with all equipment that uses radar or pulse type sensors

Part No.	Description	Price
SK2-1009-R	For Raven Counsel	\$1,300.00
SK2-1009-DJ	For DJ Counsel	\$1,300.00



High-capacity NH3 Heat Exchanger

Liquifier™
12000 lbs. NH3/hr
40 GPM @ 100PSI



Liquifier™ Max
12000 lbsNH3/hr
70 GPM @ 100 PSI



Power Grip Suction Cup Mount

Used to hold equip. or consoles in place. Affixes to any smooth non-porous surface. (glass,metal,plastic)
40 lb. capacity



Part No.	Description	Price
91200	4.5 Cup w/1/4-20 x 3/8 Stud	\$75.00

Astro Speed Sensor

The Astro GPS Speed Sensors are a direct replacement for magnetic wheel speed sensors or radar guns and can interface to most brands of



	Price
Astro™ II # 01410 1 HZ GPS Receiver	\$530.00
Astro™ 5 # 01425 Same features as Astro II but based on 5 HZ GPS Receiver	\$690.00

Calc-An-Acre® II



Records area on three independent counters so individual jobs may be tracked. Displays ground speed to tenths of MPH. Area per hour and accumulated hours feature to track productivity, plan work and schedule maintenance. Compatible with the Astro series of GPS-based speed sensors and radar ground speed sensors. Weather resistant console and weatherproof connectors.

Part No.		Price
01000	w/magnetic speed sensor	Call
01001	Less speed sensor	Call

Legal for Trade Meters Call For Pricing



VERTICAL TANKS

PART NO.

WEIGHT

DIMENSIONS

PRICE

VT0010-12	10 Gallon	9	12 x 25	\$112.35
VT0020-16	20 Gallon	15	16 x 28	\$159.36
VT0025-18	25 Gallon	14	18 x 30	\$133.07
VT0040-18	40 Gallon	19	18 x 43	\$164.57
VT0055-20	55 Gallon	23	20 x 47	\$207.00
VT0065-23	65 Gallon	27	23 x 42	\$237.43
VT0075-23	75 Gallon	30	23 x 50	\$255.58
VT0100-28	100 Gallon	38	28 x 45	\$342.70
VT0105-23	105 Gallon	40	23 x 65	\$354.54
VT0110-32	110 Gallon	42	32 x 41	\$356.93
VT0130-32	130 Gallon	47	32 x 46	\$415.86
VT0135-23	135 Gallon	47	23 x 82	\$420.41
VT0135-28	135 Gallon	47	28 x 59	\$397.49
VT0160-28	160 Gallon	58	28 x 68	\$481.09
VT0175-31	175 Gallon	56	31 x 61	\$440.80
VT0180-40	180 Gallon	50	40 x 45	\$432.97
VT0210-40	210 Gallon	58	40 x 49	\$475.53
VT0225-31	225 Gallon	67	31 x 76	\$586.97
VT0265-31	265 Gallon	76	31 x 88	\$643.01
VT0295-42	295 Gallon	74	42 x 55	\$647.37
VT0300-35	300 Gallon	88	35 x 81	\$709.98
VT0300-42	300 Gallon	74	42 x 55	\$628.29
VT0405-52	405 Gallon	92	52 x 48	\$752.60
VT0420-42	420 Gallon	102	42 x 75	\$811.13
VT0425-42	425 Gallon	102	42 x 75	\$809.37
VT0500-46	500 Gallon	120	46 x 77	\$922.67
VT0505-46	505 Gallon	120	46 x 80	\$940.45
VT0550-52	550 Gallon	118	52 x 66	\$918.80
VT0600-46	600 Gallon	132	46 x 91	\$1,029.82
VT0625-64	625 Gallon	102	64 x 50	\$831.83
VT0800-46	800 Gallon	177	46 x 118	\$1,335.85
VT0850-54	850 Gallon	184	54 x 94	\$1,364.97
VT0900-46	900 Gallon	222	46 x 132	\$1,601.46
VT1000-64	1000 Gallon	252	64 x 81	\$1,774.76
VT1050-86	1050 Gallon	192	86 x 54	\$1,421.45
VT1200-64	1200 Gallon	277	64 x 97	\$1,951.96
VT1350-86	1350 Gallon	230	86 x 65	\$1,670.01
VT1500-64	1500 Gallon	337	64 x 115	\$2,347.61
VT1500-86	1500 Gallon	252	86 x 69	\$1,767.86
VT1525-64	1525 Gallon	352	64 x 122	\$2,452.18
VT1650-86	1650 Gallon	280	86 x 74	\$1,895.55
VT2000-64	2000 Gallon	467	64 x 156	\$3,168.66
VT2000-90	2000 Gallon	377	91 x 84	\$2,563.17
VT2050-86	2050 Gallon	402	86 x 93	\$2,699.10
VT2150-102	2150 Gallon	417	102 x 71	\$2,912.56
VT2500-90	2500 Gallon	422	91 x 103	\$2,942.54
VT2500-96	2500 Gallon	445	96 x 92	\$2,933.72
VT3000-90	3000 Gallon	552	91 x 120	\$3,557.18
VT3000-96	3000 Gallon	582	96 x 109	\$3,689.63

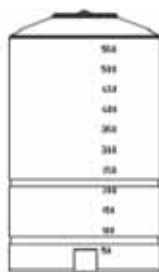




VERTICAL TANKS - CONTINUED

		WEIGHT	DIMENSIONS	PRICE
VT3100-102*	3100 Gallon	552	102 x 103	\$3,800.22
VT3400-102*	3400 Gallon	587	102 x 107	\$4,036.92
VT4000-96*	4000 Gallon	902	96 x 140	\$5,799.66
VT4200-96*	4200 Gallon	952	96 x 148	\$6,098.92
VT4995-142	4995 Gallon	952	142 x 90	\$6,170.13
VT5000-102*	5000 Gallon	1302	102 x 156	\$8,301.59
VT5150-102*	5150 Gallon	1352	102 x 161	\$8,425.23
VT6250-102*	6250 Gallon	1552	102 x 194	\$9,463.16
VT6500-120*	6500 Gallon	1502	120 x 152	\$9,513.84
VT7000-142*	7000 Gallon	1752	142 x 125	\$10,432.61
VT7800-120*	7800 Gallon	1902	120 x 176	\$11,999.42
VT8000-120*	8000 Gallon	1932	120 x 180	\$12,182.77
VT9000-142	9000 Gallon	2002	142 x 154	\$13,104.00
VT9150-120*	9150 Gallon	2202	120 x 203	\$13,900.87
VT9500-120*	9500 Gallon	2352	120 x 213	\$14,755.16
VT10500-2500*	10500 Gallon	2502	142 x 177	\$16,042.79
VT10500-2800*	10500 Gallon	2802	142 x 177	\$17,718.48
VT12500-142*	12500 Gallon	3402	142 x 208	\$21,522.92
VT15500-142*	15500 Gallon	4002	142 x 247	\$25,879.27

* INDICATES HEAVY DUTY FITTING



INDUCTOR TANKS

PART NO.

		WEIGHT	DIMENSIONS	PRICE
INFD7-15	7 Gallon Full Drain	8	15 x 21	\$124.16
INFD7/10-ST	7 or 10 Gallon	12		\$119.17
INFD10-15	10 Gallon Full Drain	10	15 x 25	\$133.15
INFD7/10-ST	7 or 10 Gallon	12		\$119.17
INFD15-19	15 Gallon Full Drain	12	19 x 27	\$148.38
INFD15-ST	15 gal (4" taller for Full Drain tank)	16		\$132.67
INFD30-24	30 Gallon Full Drain	17	24 x 33	\$191.72
INFD30/55-ST	30 or 55 (24") gal (4" taller for Full Drain tank)	19		\$140.95
INFD40-30	40 Gallon Full Drain	26	30 x 34	\$270.76
INFD40/85-ST	40,60, 85 or 110 gal (4" taller for Full Drain tank)	45		\$269.91
INFD55-24	55 Gallon x 24 Full Drain	24	24 x 46	\$250.49
IN30/55-ST	30 or 55 (24") gal	18		\$140.95
INFD60-30	60 Gallon x 30 Full Drain	28	30 x 38	\$295.52
INFD40/85-ST	40,60, 85 or 110 gal (4" taller for Full Drain tank)	45		\$269.91
INFD85-30	85 Gallon Full Drain	37	30 x 48	\$353.52
INFD40/85-ST	40,60, 85 or 110 gal (4" taller for Full Drain tank)	45		\$269.91
INFD110-30	110 Gallon Full Drain	44	30 x 56	\$416.37
INFD40/85-ST	40,60, 85 or 110 gal (4" taller for Full Drain tank)	45		\$269.91



CONE BOTTOM TANKS

PART NO.

WEIGHT

DIMENSIONS

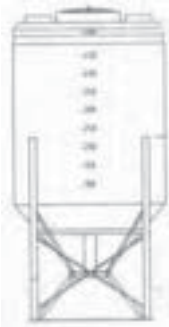
PRICE

CB0055-23	55 Gallon	26	23 x 39	\$239.70
CB023-15ST	55 or 100 gal-15 deg Metal stand	37	13"	\$264.65
CB0100-23	100 Gallon	36	23 x 65	\$340.37
CB023-15ST	55 or 100 gal-15 deg Metal stand	37	13"	\$264.65
CB0145-36	145 Gallon	52	36 x 43	\$424.84
CB036-15ST	145, 200, 250 or 3250 gal-15 deg Metal stand	84	12"	\$503.33
CB0150-36	150 Gallon-45 deg	63	36 x 51	\$523.69
CB036-45ST	150 gal-45 deg	63	12"	\$455.73
CB0200-36	200 Gallon	58	36 x 55	\$435.84
CB036-15ST	145, 200, 250 or 3250 gal-15 deg Metal stand	84	12"	\$503.33
CB0200-42	200 Gallon-45 deg	77	42 x 55	\$641.51
CB042-45ST	200, 300 or 350 gal-45 deg	82	11"	\$516.93
CBFD240-42	240 Gallon-45 deg Full Drain	77	42 x 59	\$641.51
CBFD042-45ST	240 gal-45 deg full drain	82	10"	\$516.93
CB0250-36	250 Gallon	76	36 x 67	\$587.63
CB036-15ST	145, 200, 250 or 3250 gal-15 deg Metal stand	84	12"	\$503.33
CB0295-52	295 Gallon-45 deg	97	52 x 51	\$828.14
CB052-45ST	295, 345, 500 or 750 gal-45 deg	180	13"	\$948.79
CB0300-42	300 Gallon-45 deg	102	42 x 67	\$800.03
CB042-45ST	200, 300 or 350 gal-45 deg	82	11"	\$516.93
CB0325-36	325 Gallon	92	36 x 84	\$689.62
CB036-15ST	145, 200, 250 or 3250 gal-15 deg Metal stand	84	12"	\$503.33
CB0345-52	345 Gallon-45 deg	102	52 x 58	\$858.48
CB052-45ST	295, 345, 500 or 750 gal-45 deg	180	13"	\$948.79
CB0350-42	350 Gallon-45 deg	120	42 x 81	\$905.67
CB042-45ST	200, 300 or 350 gal-45 deg	82	11"	\$516.93
CB0500-52	500 Gallon-45 deg	132	52 x 81	\$988.27
CB052-45ST	295, 345, 500 or 750 gal-45 deg	180	13"	\$948.79
CB0750-52	750 Gallon-45 deg	171	52 x 105	\$1,232.04
CB052-45ST	295, 345, 500 or 750 gal-45 deg	180	13"	\$948.79
CB0800-86	800 Gallon-15 deg	182	86 x 48	\$1,321.66
CB086-15ST	800 or 1700 gal-15 deg	360	11"	\$1,893.64
CB0850-90	850 Gallon-15 deg	212	91 x 56	\$1,500.58
CB090-15ST	850, 1000, 1150, 1200, 1300 gal 15-deg	380	11"	\$1,934.76
CB1000-64	1000 Gallon-45 deg	252	64 x 98	\$1,741.22
CB064-45ST	1000 or 1490 gal-45 deg	320	14"	\$1,321.05
CB1000-90	1000 Gallon-15 deg	212	91 x 54	\$1,518.06
CB090-15ST	850, 1000, 1150, 1200, 1300 gal 15-deg	380	11"	\$1,934.76
CB1005-64	1005 Gallon-15 deg	222	64 x 86	\$1,642.65
CB064-15ST	1005 or 1500 gal-15 deg	320	16"	\$1,321.05
CB1200-90	1200 Gallon-15 deg	242	91 x 62	\$1,692.58
CB090-15ST	850, 1000, 1150, 1200, 1300 gal 15-deg	380	11"	\$1,934.76
CB1300-90	1300 Gallon-15 deg	262	91 x 65	\$1,819.69
CB090-15ST	850, 1000, 1150, 1200, 1300 gal 15-deg	380	11"	\$1,934.76
CB1490-64	1490 Gallon-45 deg	342	64 x 132	\$2,315.96
CB064-45ST	1000 or 1490 gal-45 deg	320	14"	\$1,321.05
CB1500-64	1500 Gallon-15 deg	332	64 x 122	\$2,278.49
CB064-15ST	850, 1000, 1150, 1200, 1300 gal 15-deg	320	14"	\$1,321.05
CB1500-96	1500 Gallon-30 deg	252	96 x 80	\$1,732.36
CB096-30ST	1500, 2000 or 3000 gal-30 deg	553	12"	\$2,861.72
CB1550-90	1550 Gallon-30 deg	286	91 x 88	\$2,028.06
CB090-30ST	1550, 1600, 2495, 2550 or 2600 gal-30 deg	640	9"	\$2,415.44
CB1550-90	1550 Gallon-30 deg	286	91 x 88	\$2,028.06
CB090-30ST	1550, 1600, 2495, 2550 or 2600 gal-30 deg	640	9"	\$2,415.44
CB1600-90	1600 Gallon-30 deg	286	91 x 85	\$2,020.17
CB090-30ST	1550, 1600, 2495, 2550 or 2600 gal-30 deg	640	9"	\$2,415.44



CONE BOTTOM TANKS - CONTINUED

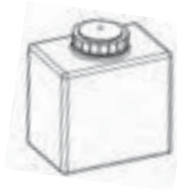
PART NO.		WEIGHT	DIMENSIONS	PRICE
CB1700-86	1700 Gallon-15 deg	286	86 x 85	\$2,007.57
CB1750-90	1750 Gallon-15 deg	308	91 x 83	\$1,952.97
CB086-15ST	800 or 1700 gal-15 deg	360	11"	\$1,893.64
CB2000-96	2000 Gallon-30 deg	292	96 x 96	\$2,081.99
CB090-30ST	1550, 1600, 2495, 2550 or 2600 gal-30 deg	640	9"	\$2,415.44
CB2450-90	2450 Gallon-15 deg	437	91 x 114	\$2,686.15
CB090-15ST	1750, 2450, 2500, 3000 gal-15 deg	380	11"	\$1,934.76
CB2495-90	2495 Gallon-30 deg	487	91 x 119	\$2,745.88
CB090-30ST	1550, 1600, 2495, 2550 or 2600 gal-30 deg	640	9"	\$2,415.44
CB2500-90	2500 Gallon-15 deg	437	91 x 111	\$2,655.15
CB090-15ST	850, 1000, 1150, 1200, 1300	380	11"	\$1,934.76
CB2550-90	2550 Gallon-30 deg	502	91 x 126	\$3,092.08
CB090-30ST	1550, 1600, 2495, 2550 or 2600 gal-30 deg	640	9"	\$2,415.44
CB2600-90	2600 Gallon-30 deg	502	91 x 123	\$3,292.64
CB090-30ST	1550, 1600, 2495, 2550 or 2600 gal-30 deg	640	9"	\$2,415.44
CB2600-86	2600 Gallon-45 deg	502	86 x 146	\$3,292.64
CB086-45ST	2600 gal-45 deg	580	12"	\$2,396.11
CB3000-90	3000 Gallon-15 deg	552	91 x 128	\$3,511.33
CB090-15ST	850, 1000, 1150, 1200, 1300	380	11"	\$1,934.76
CB3000-96	3000 Gallon-30 deg	552	96 x 125	\$3,511.33
CB090-30ST	1550, 1600, 2495, 2550 or 2600 gal-30 deg	640	9"	\$2,415.44
CB4200-122	4200 Gallon-15 deg	1102	122 x 113	\$7,002.07
CB122-15ST	4200, 6000, 6900 or 8250 gal - 15 deg	1020	10"	\$5,701.26
CB4600-102	4600 Gallon-15 deg	1202	102 x 155	\$7,576.79
CB102-15ST	4600 or 4900 gal-15 deg	640	11"	\$2,607.61
CB4900-102	4900 Gallon-15 deg	1302	102 x 159	\$8,177.30
CB102-15ST	4600 or 4900 gal-15 deg	640	11"	\$2,607.61
CB6000-122	6000 Gallon-15 deg	1602	122 x 162	\$10,038.50
CB122-15ST	4200, 6000, 6900 or 8250 gal - 15 deg	1020	10"	\$5,701.26
CB6900-122	6900 Gallon-15 deg	1702	122 x 168	\$10,263.73
CB122-15ST	4200, 6000, 6900 or 8250 gal - 15 deg	1020	10"	\$5,701.26
CB7500-142	7500 Gallon-15 deg	1677	142 x 163	\$9,831.29
CB142-15ST	7500, 10500 or 12500 gal-15deg	1858	20"	\$6,915.85
CB8250-122	8250 Gallon-15 deg	2102	122 x 195	\$12,812.82
CB122-15ST	4200, 6000, 6900 or 8250 gal - 15 deg	1020	10"	\$5,701.26
CB10500-142	10500 Gallon-15 deg	2502	142 x 209	\$13,524.38
CB142-15ST	7500, 10500 or 12500 gal-15deg	1858	20"	\$6,915.85
CB12500-142	12500 Gallon-15 deg	3402	142 x 239	\$17,675.53
CB142-15ST	7500, 10500 or 12500 gal-15deg	1858	20"	\$6,915.85





RECTANGLE TANKS - TOTAL DRAIN

PART NO.		WEIGHT	DIMENSIONS	PRICE
SP0035-RT	35 Gal Rectangle	19	19 x 28 x 20	\$184.70
SP0056-RT	56 Gal Rectangle	32	20 x 38 x 26	\$254.81



SP0007-RT

RECTANGLE TANKS - FLAT BOTTOM

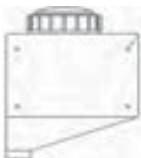
PART NO.		WEIGHT	DIMENSIONS	PRICE
SP002.8-RT	2.8 Gal Rectangle	4	9 x 14 x 9	\$67.00
SP0005-RT	5 Gal Rectangle	6	10 x 22 x 8	\$81.40
SP0006-2P	6 Gal Rectangle w/pump mount & 2" lid	6	12 x 15 x 8	\$87.53
SP0006-5N	6 Gal Rectangle w/ 5" lid	6	12 x 15 x 8	\$87.53
SPBM0007-RT	7 Gal Rectangle	8	9 x 14 x 15	\$78.22
SPBM0016-MM	16 Gal Rectangle	11	14 x 21 x 14	\$90.99
SP0020-OM	20 Gal Upright Rectangle	17	11 x 15 x 31	\$168.18
SP0025-RT	25 Gal Rectangle	18	16 x 34 x 16	\$138.80



SP0008-VM

APPLICATOR TANKS - SUMP ON BOTTOM

PART NO.		WEIGHT	DIMENSIONS	PRICE
SP0008-VM	8 Gal Loaf	7	12 x 16 x 17	\$103.63
SP0012-RT	12 Gal Rectangle	10	14 x 18 x 12	\$109.95
SP0012-VM	12 Gal Loaf	10	12 x 16 x 22	\$107.08
SP0019-VM	19 Gal Loaf	15	12 x 16 x 28	\$155.65
SP0020-LC	20 Gal Rectangle	12	14 x 28 x 12	\$146.39



SPBM003-RT



SP0010-SQ8

SPECIALTY TANKS

RINSE TANKS

PART NO.		WEIGHT	DIMENSIONS	PRICE
SPBM2.5-RT	2.5 Gal Rectangle	4	7 x 15 x 14	\$56.03
SPBM003-RT	3 Gal Rectangle	4	7 x 12 x 14	\$58.34
SP003.5-CL	3.5 Gal Cylinder	5	11 x 15	\$71.59
SPBM04-SQ5	4 Gal Square	6	11 x 11 x 15	\$87.06
SPBM04-SQ7	4 Gal Square	5	11 x 11 x 15	\$87.06
SPBM04-SQ8	4 Gal Square	7	11 x 11 x 14	\$87.06
SPBM05-SQ5	5 Gal Square	6	11 x 11 x 20	\$86.74
SPBM05-SQ7	5 Gal Square	6	11 x 11 x 20	\$86.74
SPBM05-SQ8	5 Gal Square	7	11 x 11 x 18	\$86.74
SP0010-SQ8	10 Gal Square	10	13 x 13 x 21	\$142.78
SP0015-SQ5	15 Gal Square	16	16 x 16 x 23	\$175.30
SP0015-SQ7	15 Gal Square	16	16 x 16 x 24	\$175.30
SP0015-SQ8	15 Gal Square	16	16 x 16 x 22	\$175.30

OPEN TOP TANKS

		WEIGHT	DIMENSIONS	PRICE
OC0840-90	840 Gallon-15 deg with bolt-on top	214	91 x 49	\$1,498.60
OC1010-64	1010 Gallon-45 deg with bolt-on top	252	64 x 99	\$1,700.15
OC1050-90	1050 Gallon-15 deg with bolt-on top	242	91 x 57	\$1,671.78
OC1150-90	1150 Gallon-15 deg with bolt-on top	262	91 x 60	\$1,789.58
OC1450-90	1450 Gallon-30 deg with bolt-on top	286	91 x 79	\$1,949.11
OC1500-64	1500 Gallon-45 deg with bolt-on top	342	64 x 134	\$2,311.27
OC1710-86	1710 Gallon-15 deg with bolt-on top	286	86 x 87	\$2,104.72
OC2350-90	2350 Gallon-15 deg with bolt-on top	437	91 x 106	\$2,884.90
OC2440-90	2440 Gallon-30 deg with bolt-on top	502	91 x 117	\$3,381.73
OC2610-86	2610 Gallon-45 deg with bolt-on top	502	86 x 147	\$3,416.43
OC0055-23	55 Gallon	26	23 x 37	\$284.16
OC0100-23	100 Gallon	36	23 x 63	\$384.86
OC0145-36	145 Gallon	52	36 x 41	\$469.32
OC0200-36	200 Gallon	58	36 x 53	\$480.33
OC0250-36	250 Gallon	76	36 x 65	\$632.10
OC0325-36	325 Gallon	92	36 x 82	\$734.08

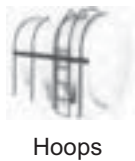
CONE BOTTOM TANKS - OPEN TOP STANDS

		WEIGHT	CLEARANCE	PRICE
CB064-45ST	1010 or 1500 gal-45 deg	320	14"	\$1,321.05
CB086-15ST	1710 gal-15 deg	360	11"	\$1,893.64
CB086-45ST	2610 gal-45 deg	580	12"	\$2,396.11
CB090-15ST	840, 1050, 1150, or 2350 gal - 15 deg	380	11"	\$1,934.76
CB090-30ST	1450 or 2440 gal-30 deg	640	9"	\$2,415.44



FREE STANDING HORIZONTAL WITHOUT SUMP - FLAT BOTTOM

PART NO.		WEIGHT	DIMENSIONS	PRICE
FS0035-18	35 Gallon	16	18 x 34	\$154.17
FS0035-SB*	35 Gallon Kit Silver	18 ga.	2 x 45	\$35.70
FS0055-23	55 Gallon	22	23 x 34 x 27	\$199.11
FS0055-HP	55 Gal Hoops	Set of 2	1.25 OD	\$109.39
FS0065-24	65 Gallon	33	24 x 39	\$296.16
FS0065-SB*	65 Gallon Kit Silver	18 ga.	2 x 61	\$50.55
FS0070-24	70 Gallon Stackable	37	24 x 39	\$341.17
FS0125-32	125 Gallon	54	32 x 44	\$483.55
FS125/165-SBPJ	125/165 Gallon Kit Black	14 ga.	3 x 80	\$80.73
FS0165-32	165 Gallon	72	32 x 54	\$597.54
FS125/165-SBPJ	125/165 Gallon Kit Black	14 ga.	3 x 80	\$80.73
FS0225-38	225 Gallon	87	38 x 52	\$689.92
FS225/325-SBPJ	225/325 Gallon Kit Black	14 ga.	3 x 95	\$97.50
FS0325-38	325 Gallon	108	38 x 72	\$832.29
FS225/325-SBPJ	225/325 Gallon Kit Black	14 ga.	3 x 95	\$97.50
FS0335-44	335 Gallon	118	44 x 56	\$840.15
FS0335-SBPJ	335 Gallon Kit Black	14 ga.	3 x 110	\$112.90
FS0510-57	510 Gallon ELLIPTICAL	164	57 x 80 x 39	\$1,192.73
FS0510-HP	510 Gal Hoops	Set of 3	1.315 OD	\$414.79
FS0535-48	535 Gallon	186	48 x 78	\$1,347.88
FS0535-SBPJ	535 Gallon Kit Black	14 ga.	3 x 120	\$118.28
FS0735-48	735 Gallon*	252	48 x 103	\$1,762.05
FS048-HP	735 Gal Hoops	Set of 3	1.315 OD	\$401.61
FS0925-DW	925 Gallon*	292	62 x 81	\$2,004.25
FS062-HP-925	925 Gal Hoops	Set of 2	1.66 OD	\$332.52
FS1005-48	1005 Gallon*	342	48 x 130	\$2,312.04
FS1005-HP	1005 Gal Hoops	Set of 4	1.315 OD	\$517.70
FS1035-78	1035 Gallon ELLIPTICAL*	292	78 x 90 x 52	\$2,028.85
FS1035-HP	1035 Gal Hoops	Set of 3	1.66 OD	\$506.00
FS1065-56W	1065 Gallon*	342	56 x 105	\$2,312.04
FS1065-HP	1065 Gal Hoops	Set of 3	1.315 OD	\$490.69
FS1300-DW	1300 Gallon*	427	62 x 114	\$2,889.55
FS062-HP-1300	1300/1310 Gal Hoops	Set of 3	1.66 OD	\$498.68
FS1610-78	1610 Gallon ELLIPTICAL*	530	78 x 139 x 56	\$4,165.73
FS1610-HP	1610 Gal Hoops w/o sump	Set of 4	1.66 OD	\$708.74
FS1610-HPJ	1610 Gal Hoops w/J-Bolt	Set of 4	1.66 OD	\$692.66
FS1750-62W	1750 Gallon*	616	62 x 147	\$4,466.09
FS062-HP-1750	1750 Gal Hoops	Set of 4	1.66 OD	\$728.10
FS1800-2W	1800 Gallon*	580	62 x 149	\$3,896.02
FS062-HP-1800C	1800 Gal Hoops	Set of 4	1.66 OD	\$732.24
FS1850-78	1850 Gallon ELLIPTICAL*	571	78 x 139 x 63	\$4,343.06
FS1850-HP	1850 Gal Hoops w/o sump	Set of 4	1.66 OD	\$735.19
FS1850-HPJ	1850 Gal hoops w/J-Bolt	Set of 4	1.66 OD	\$735.19
FS2350-88	2350 Gallon ELLIPTICAL*	920	88 x 146 x 63	\$6,338.67
FS2350-HP	2350 Gal Hoops	Set of 4	1.90 OD	\$1,329.42
FS2600-2W	2600 Gallon*	850	62 x 212	\$5,825.18
FS062-HP-2600C	2600 Gal Hoops	Set of 6	1.66 OD	\$1,050.02
FS2750-88	2750 Gallon ELLIPTICAL*	1150	88 x 146 x 70	\$7,689.42
FS2750-HP	2750 Gal Hoops	Set of 4	1.90 OD	\$1,480.50
FS3250-88	3250 Gallon ELLIPTICAL*	1208	88 x 146 x 79	\$8,072.45
FS3250-HP	3250 Gal Hoops	Set of 4	1.90 OD	\$1,698.29
FS3750-88	3750 Gallon ELLIPTICAL*	1422	88 x 146 x 91	\$9,570.90
FS3750-HP	3750 Gal Hoops	Set of 4	1.90 OD	\$2,906.34
FS4200-92	4200 Gallon ELLIPTICAL	1648	92 X 195 X 80	\$11,595.14
FS4200-HP-92	4200 Gal Hoops	Set of 5	1.90 OD	\$2,122.84
FS4200-HPF-92	4200 Gal Hoops w/ feet	Set of 5	1.90 OD	\$2,122.84
FS4250-88	4250 Gallon ELLIPTICAL*	1617	88 x 146 x 101	\$10,724.78
FS4250-HP	4250 Gal Hoops	Set of 4	1.90 OD	\$3,020.13
FS4250-LAD	4250 Gal Ladder	68	16 x 100	\$612.80
FSxxxx-W	= Without Sump			
	* = Hoops Required			



FS2600
2 Compartment



(End View)
1610 Skid
(Side View)

FREE STANDING HORIZONTAL WITH SUMP



FM1300-DS



FM1610-78S



Baffle Angle



FM3200-2S



Skid

FM0025-16S	25 Gallon	15	16 x 34	\$139.42
FM0925-DS	925 Gal Hoops Req.	292	62 x 81	\$2,004.25
FS062-HP-925	925 Gal Hoops	Set of 2	1.66 OD	\$332.52
FS0925-SK	925 Gal Skid	280	61 x 64	\$1,038.93
FM1010-48	1010 Gallon*	342	48 x 130	\$2,385.85
FM1010-HP	1010 Gal Hoops	Set of 4	1.315 OD	\$541.04
FM1010-SK	1010 Gal Skid	409	53 x 115	\$1,554.62
FM1065-56S	1065 Gal Hoops Req.	342	56 x 105	\$2,312.21
FS1065-HP	1065 Gal Hoops	Set of 3	1.315 OD	\$490.69
FM1065-SKS	1065 Gal Skid w/ sump	280	61 x 78	\$1,241.03
FM1300-DS	1300 Gal Hoops Req.	427	62 x 114	\$2,889.55
FS062-HP-1300	1300 Gal Hoops	Set of 3	1.66 OD	\$498.69
FS1300-SK	1300 Gal Skid	450	64 x 104	\$1,496.44
FM1310-62	1310 Gallon*	500	62 x 114 x 67	\$3,384.92
FS062-HP-1300	1310 Gal Hoops	Set of 3	1.66 OD	\$498.68
FM1310-SKE	1310 Gal Skid End Sump	440	64 x 100	\$1,920.53
FM1310-SKC	1310 Gal Skid Center Sump	415	64 x 105	\$1,920.53
FM1610-78S	1610 Gal Hoops Req. ELLIPTICAL	530	78 x 139 x 58	\$4,165.73
FM1610-HP	1610 Gal Hoops w/ sump	Set of 4	1.66 OD	\$708.74
FM1610-SKC	1610/1850 Gal Skid Center Sump	490	83 x 107	\$2,192.44
FM1610-SKE	1610/1850 Gal Skid End Sump	490	83 x 112	\$2,216.72
FS1610/1850-SK	1610/1850 Skid	750	79 x 134.5	\$2,685.59
FM1750-62S	1750 Gal Hoops Req	616	62 x 147	\$4,466.09
FS062-HP-1750	1750 Gal Hoops	Set of 4	1.66 OD	\$728.10
FS1750-SK	1750 Gal Skid	604	64 x 138	\$2,216.59
FM1800-2S	1800 Gal Hoops Req.	580	62 x 149	\$3,896.02
FS062-HP-1800C	1800 Gal Hoops	Set of 4	1.66 OD	\$732.24
FM1800-SKS	1800 Gal Skid w/ sump	580	64 x 125	\$1,963.01
FM1850-78	1850 Gallon ELLIPTICAL*	571	78 x 139 x 63	\$4,343.06
FM1850-HP	1850 Gal Hoops w/ sump	Set of 4	1.66 OD	\$735.19
FM2350-88S	2350 Gal Hoops Req. ELLIPTICAL	920	88 x 146 x 63	\$6,338.67
FS2350-HP	2350 Gal Hoops	Set of 4	1.90 OD	\$1,329.42
FM2350/3250-SKC	2350 - 4250 Gal Skid Center Sump	1060	88 x 141	\$4,460.89
FM2350/3250-SKE	2350 - 4250 Gal Skid End Sump	1060	88 x 141	\$4,460.89
FM2600-2S	2600 Gal Hoops Req.	850	62 x 212	\$5,825.18
FS062-HP-2600C	2600 Gal Hoops	Set of 6	1.66 OD	\$1,050.02
FS2600-SK	2600 Gal Skid	900	64 x 201	\$2,521.62
FM2750-88S	2750 Gal Hoops Req. ELLIPTICAL	1150	88 x 146 x 70	\$7,689.42
FS2750-HP	2750 Gal Hoops	Set of 4	1.90 OD	\$1,480.50
FM2350/3250-SKC	2350 - 4250 Gal Skid Center Sump	1060	88 x 141	\$4,460.89
FM2350/3250-SKE	2350 - 4250 Gal Skid End Sump	1060	88 x 141	\$4,460.89
FM3200-2S	3200 Gallon ELLIPTICAL*	1100	88 x 172 x 74	\$7,519.74
FM3200-HP	3200 Gal Hoops	Set of 4	1.66 OD	\$910.11
FM3200-SK	3200 Gal Skid	1163	90 x 168	\$4,237.45
FM3250-88S	3250 Gal Hoops Req. ELLIPTICAL	1208	88 x 146 x 79	\$8,072.45
FS3250-HP	3250 Gal Hoops	Set of 4	1.90 OD	\$1,698.29
FM2350/3250-SKC	2350 - 4250 Gal Skid Center Sump	1060	88 x 141	\$4,460.89
FM2350/3250-SKE	2350 - 4250 Gal Skid End Sump	1060	88 x 141	\$4,460.89
FS3250-LAD	3250 Gal Ladder	56	16 x 78	\$468.61
FM3750-88S	3750 Gallon ELLIPTICAL*	1422	88 x 146 x 91	\$9,570.90
FS3750-HP	3750 Gal Hoops	Set of 4	1.90 OD	\$2,906.34
FM2350/3250-SKC	2350 - 4250 Gal Skid Center Sump	1060	88 x 141	\$4,460.89
FM2350/3250-SKE	2350 - 4250 Gal Skid End Sump	1060	88 x 141	\$4,460.89
FS3750-LAD	3750 Gal Ladder	62	16 x 90	\$540.68
FM4200-92	4200 Gallon ELLIPTICAL	1648	92 X 195 X 80	\$11,595.14
FS4200-HP-92	4200 Gal Hoops	Set of 5	1.90 OD	\$2,122.84
FS4200-HPF-92	4200 Gal Hoops w/ feet	Set of 5	1.90 OD	\$2,122.84
FM4200-SKC	4200 Gal Skid Center Sump	1454	92 x 190	\$5,297.72
FM4200-SKE	4200 Gal Skid End Sump	1454	92 x 190	\$5,297.72
FM4250-88S	4250 Gallon ELLIPTICAL*	1617	88 x 146 x 101	\$10,724.78
FS4250-HP	4250 Gal Hoops	Set of 4	1.90 OD	\$3,020.13
FM2350/3250-SKC	2350- 4250 Gal Skid Center Sump	1060	88 x 141	\$4,460.89
FM2350/3250-SKE	2350- 4250 Gal Skid End Sump	1060	88 x 141	\$4,460.89
FS4250-LAD	4250 Gal Ladder	68	16 x 100	\$612.80

SPOT SPRAYERS

PART NO.		WEIGHT	DIMENSIONS	PRICE
SM0014-14S	14 Gallon with sump	8	14 x 30 x 14	\$111.23
SS0014-14	14 Gallon NO sump	8	14 x 30 x 14	\$111.23
SM0025-18S	25 Gallon with sump	14	18 x 34 x 18	\$150.09
SS0025-18	25 Gallon NO sump	14	18 x 34 x 18	\$150.09

CUT-A-WAY TANKS

PART NO.		WEIGHT	DIMENSIONS	PRICE
CAW0200-24	200 Gallon	82	24 x 55 x 46	\$625.10
CAW0250-24	250 Gallon	97	24 x 61 x 51	\$713.98

CUT-A-WAY CRADLES

		WEIGHT	BANDS	PRICE
CAW0200-C	200 Gallon	135	3 x 60; 3 x 40	\$770.91
CAW0250-C	250 Gallon	143	3 x 72; 3 x 51	\$780.27

TEAR DROP TANKS

PART NO.		WEIGHT	DIMENSIONS	PRICE
TD0250-36	250 Gal Tear Drop	97	36 x 52 x 45	\$756.36
TD0300-36	300 Gal Tear Drop	109	36 x 62 x 45	\$818.54

TEAR DROP CRADLES

		WEIGHT	BANDS	PRICE
TD0250-C	250 Gal Tear Drop Cradle	96	2.5" x 74.5"	\$481.30
TD0300-C	300 Gal Tear Drop Cradle	108	2.5" x 74.5"	\$525.84

OVAL TANK

PART NO.		WEIGHT	DIMENSIONS	PRICE
OT0300-31	300 Gal Oval	102	31 x 49 x 56	\$807.43
OT0300-C	300 Gal Oval Cradle	137	2.5" x 79"	\$636.62

PICKUP TANKS

PART NO.		WEIGHT	DIMENSIONS	PRICE
SSPU0100-70	100 Gallon Space Saver	86	70 x 17 x 42	\$624.82
PU0200-52	200 Gallon	56	52 x 30	\$441.23
SSPU0200-70	200 Gallon Space Saver	120	70 x 29 x 42	\$758.84
PU0205-52	205 Gallon Low Profile	87	52 x 52 x 26	\$613.45
SSPU0300-70	300 Gallon Space Saver	174	70 x 41 x 42	\$948.95
PU0305-60	305 Gallon Low Profile	107	60 x 58 x 30	\$734.86
PU0350-62	350 Gallon	94	62 x 34	\$672.44
SSPU0400-70	400 Gallon Space Saver	202	70 x 52 x 42	\$1,100.38
PU0450-62	450 Gallon	104	62 x 41	\$783.52

LOW-PROFILE RECTANGLE TANKS

PART NO.		WEIGHT	DIMENSIONS	PRICE
LP0050-RT	50 Gal Low-Profile Rectangle	37	24 x 43 x 15	\$342.14
LP0068-RT	60 Gal Low-Profile Rectangle	42	26 x 42 x 17	\$368.94
LP0110-RT	110 Gal Low-Profile Rectangle	60	35 x 48 x 19	\$455.87
LP0200-RT	200 Gal Low-Profile Rectangle	84	48 x 60 x 19	\$585.34
LP0300-RT	300 Gal Low-Profile Rectangle	135	48 x 80 x 21	\$910.38
LP0300-HT	300 Gal Holding Tank	132	56 x 95 x 16	\$822.98
LP0500-HT	500 Gal Holding Tank	250	92 x 94.5 x 17.15	\$1,140.79



ROUND HORIZONTAL TANKS

PART NO.

WEIGHT

DIMENSIONS

PRICE



HZ0025-23	25 Gallon	16	23 x 22	\$135.38
HZ0055-23	55 Gallon	25	23 x 38	\$223.32
HZ0075-24	75 Gallon	33	24 x 47	\$268.00
HZ0095-24	95 Gallon	37	24 x 56	\$360.34
HZ0100-23	100 Gallon	40	23 x 64	\$352.83
HZ0110-30	110 Gallon	42	30 x 44	\$366.52
HZ0150-30	150 Gallon x 30	50	30 x 57	\$450.72
HZD150-30	150 Gallon x 30 Deep (5") Sump	50	30 x 57	\$450.72
HZ0150-32	150 Gallon x 32	50	32 x 52	\$450.72
HZ0200-32	200 Gallon x 32	66	32 x 68	\$535.83
HZ0200-38	200 Gallon x 38	66	38 x 51	\$535.83
HZ0300-38	300 Gallon	90	38 x 76	\$686.59
HZ0400-42	400 Gallon	117	42 x 76	\$887.06
HZ0500-48	500 Gallon	124	48 x 79	\$933.80

HORIZONTAL CRADLES

WEIGHT

BANDS

PRICE



HZ0025-C	22 Gallon	18	1.5 x 50	\$122.09
HZ0055-C	55 Gallon	24	2 x 50.5	\$133.59
HZ0075-C	75 Gallon	36	2 x 51.5	\$220.27
HZ0095-C	95 Gallon	38	2 x 51.5	\$235.80
HZ0100-C	100 Gallon	40	1.75 x 39.5	\$299.50
HZ0110-C	110 Gallon	40	2.75 x 60	\$267.77
HZ0153-C	150 Gallon x 30	57	2.75 x 55	\$383.30
HZ0150-C	150 Gallon x 32	56	2.75 x 56	\$373.73
HZ0232-C	200 Gallon x 32	110	2.75 x 57	\$543.60
HZ0238-C	200 Gallon x 38	85	2.75 x 65	\$517.53
HZ0300-C	300 Gallon	145	2.75 x 69.5	\$625.03
HZ0400-C	400 Gallon	146	2.75 x 76	\$673.23
HZ0500-C	500 Gallon	170	2.75 x 86.5	\$761.53

ELLIPTICAL TANKS

WEIGHT

DIMENSIONS

PRICE



HE0200-41

HE0085-36	85 Gallon	42	36 x 46.5 x 21	\$389.99
HE0200-41	200 Gallon	84	41 x 66 x 26	\$670.70
EO0300-48	300 Gallon Offset Lid	114	48 x 71 x 30	\$848.50
HE0300-48	300 Gallon	114	48 x 70 x 30	\$848.50
HE0400-57	400 Gallon	129	57 x 70 x 36	\$942.61
HE0500-57	500 Gallon	167	57 x 82 x 36	\$1,170.59
HED0500-57	500 Gallon Deep (8.5") Sump	167	57 x 82 x 36	\$1,170.59
HE0600-64	600 Gallon	187	64 x 84 x 46	\$1,312.92
HE0750-69	750 Gallon	222	69 x 89 x 42	\$1,586.70
HED0750-69	750 Gallon Deep (8.5") Sump	222	69 x 89 x 42	\$1,586.70
HE0850-69	850 Gallon	248	69 x 89 x 46	\$1,799.81
HED0850-69	850 Gallon Deep (8.5") Sump	248	69 x 89 x 46	\$1,799.81
HE1000-78	1000 Gallon	287	78 x 90 x 49	\$2,023.47
HED1000-78	1000 Gallon Deep (8.5") Sump	287	78 x 90 x 49	\$2,023.47
HE1000-BAF	1000 Optional Baffle Kit	41		\$512.35
HE1250-78 ⁺	1250 Gallon	402	78 x 92 x 60	\$2,920.83
HED1250-78 ⁺	1250 Gallon Deep (8.5") Sump	402	78 x 92 x 60	\$2,920.83
HE1600-78 ⁺	1600 Gallon	439	78 x 138 x 49	\$3,086.12
HED1600-78 ⁺	1600 Gallon Deep (6") Sump	439	78 x 138 x 49	\$3,086.12



ELLIPTICAL CRADLES

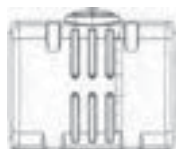
WEIGHT

BANDS

PRICE



HE0085-C	85 Gallon	44	2" x 55"	\$364.41
HE0200-C	200 Gallon	140	3" x 61"	\$619.37
HE0300-C	300 Gallon	155	3" x 74"	\$707.38
HE0400-C	400 Gallon	190	4" x 88"	\$826.19
HE0500-C	500 Gallon	202	4" x 88"	\$954.34
HE0600-C	600 Gallon	243	4" x 93"	\$1,286.70
HE0750-C	750 Gallon	405	4" x 91"	\$1,548.32
HE0850-C	850 Gallon	408	4" x 99"	\$1,557.21
HE1000-C	1000 Gallon	515	4" x 105"	\$2,115.55
HE1250-C	1250 Gallon	520	4" x 126"	\$2,204.71
HE1600-C	1600 Gallon	578	3.5" x 124"	\$3,085.35



PCO TANKS

PART NO.

		WEIGHT	DIMENSIONS	PRICE
PCO035-16W	35 Gallon	26	16 x 35 x 21	\$235.93
PCO050-19S	50 Gallon w/ sump	27	19 x 38 x 23	\$259.92
PCO050-19W	50 Gallon	27	19 x 38 x 23	\$259.92
PCO100-30S	100 Gallon w/ sump	52	30 x 38 x 29	\$404.62
PCO100-30W	100 Gallon	52	30 x 38 x 29	\$404.62
PCO150-37S	150 Gallon w/ sump	63	37 x 48 x 29	\$486.13
PCO150-37W	150 Gallon	63	37 x 48 x 29	\$486.13
PCO200-37S	200 Gallon w/ sump	84	37 x 48 x 38	\$601.43
PCO200-37W	200 Gallon	84	37 x 48 x 38	\$601.43
PCO300-37S	300 Gallon w/ sump	160	37 x 69 x 40	\$1,284.84
PCO300-37W	300 Gallon	160	37 x 69 x 40	\$1,284.84

S = Sump / W = Without Sump

POWDER-COATED STEEL BANDS FOR PCO'S

PART NO.

		WEIGHT	BANDS	PRICE
PC0035-SB*	35 Gallon Set Silver	3	2 x 50.5	\$60.51
PC0050-SBP	50 Gallon Set Black	6	2.5 x 57.5	\$72.99
PC0100-SBP	100 Gallon Set Black	20	2.5 x 76	\$80.26
PC0150-SBP	150 Gallon Set Black	30	3.5 x 82	\$112.55
PC0200-SBP	200 Gallon Set Black	36	3.5 x 98	\$162.64
PC0300-SBP	300 Gallon Set Black	40	4 x 100	\$204.54

*PC0035-SB is stainless steel.

POWDER-COATED STEEL BANDS

PART NO.

		WEIGHT	BANDS	PRICE
SP0050-SBP	50 Gallon Rectangle Kit	7	2 x 54.5	\$62.17
SP0080-SBP	80 Gallon Rectangle Support Band	21	3 x 93	\$84.49
SP0100-SBP	100 Gallon Rectangle Kit	11	2.25 x 70.5	\$82.45
SP0150-SBP	150 Gallon Rectangle Kit	14	2.25 x 77.5	\$83.98
SP0200-SBP	200 Gallon Rectangle Kit	16	2.25 x 94	\$93.77
LP0050-SBP	50 Gallon Low-Profile Band Kit	7	2 x 51	\$60.90
LP0068-SBP	68 Gallon Low-Profile Band Kit	7	2 x 58	\$69.35
LP0110-SBP	110 Gallon Low-Profile Band Kit	11	2 x 69	\$81.11
LP0200-SBP	200 Gallon Low-Profile Band Kit	14	2 x 86.5	\$112.90
LP0300-SBP	300 Gallon Low-Profile Band Kit	16	2 x 86.5	\$146.06

UTILITY TANKS - FLAT BOTTOM

PART NO.

		WEIGHT	DIMENSIONS	PRICE
SP0026-RT	26 Gal Rectangle	15	18 x 25 x 19	\$178.48
SP0045-AS	45 Gal Rectangle	23	18 x 37 x 22	\$199.10
SP0050-RT	50 Gal Rectangle	27	19 x 38 x 23	\$261.19
SP0055-MM	55 Gal Rectangle	32	18 x 18 x 44	\$257.27
SP0080-RT	80 Gal Rectangle Support Req.	42	18 x 27 x 44	\$346.61
SP0100-RT	100 Gal Rectangle	50	27 x 43 x 29	\$393.42
SP0150-RT	150 Gal Rectangle	62	36 x 48 x 29	\$465.06
SP0200-RT	200 Gal Rectangle	82	36 x 48 x 38	\$575.44

UTILITY TANKS - SLIM LINE

		WEIGHT	DIMENSIONS	PRICE
SP0130-UT	130 Gal Upright Rectangle	79	56 x 20 x 43	\$452.42
SP0250-UT	250 Gal Upright Rectangle	115	29 x 62 x 42	\$809.31
SP0300-UT	300 Gal Upright Rectangle	159	29 x 62 x 53	\$1,038.98
SP0400-UT	400 Gal Upright Rectangle	209	29 x 62 x 66	\$1,342.72
SP0500-UT	500 Gal Upright Rectangle	223	31 x 74 x 70	\$1,463.16
SP0750-UT	750 Gal Upright Rectangle	318	82 x 35 x 86	\$2,027.38
SP1000-UT	1000 Gal Upright Rectangle	407	40 x 92 x 89	\$2,593.83

CONTAINMENT TANKS - OPEN TOP

PART NO.		WEIGHT	DIMENSIONS	PRICE
OP0055-2DC	55 Gallon Drum Containment-2 Drum	70	34 x 62 x 26	\$362.05
OP0100-RT*^	100 Gallon Rectangle	26	43 x 43 x 17	\$162.80
OP0150-RT*^	150 Gallon Rectangle	35	47 x 60 x 16	\$226.43
OP0155-28	155 Gallon	45	28 x 65	\$507.33
OP0200-RT	200 Gallon Rectangle	78	66 x 78 x 12	\$470.52
OP0205-31	205 Gallon	54	31 x 70	\$554.91
OP0210-RT*^	210 Gallon Rectangle	52	53 x 65 x 18	\$326.48
OP0210-40	210 Gallon	48	40 x 42	\$436.71
OP0245-31	245 Gallon	61	31 x 80	\$585.83
OP0300-RT*^	300 Gallon Rectangle	82	57" x 94" 18"	\$636.24
OP0325-RT^	325 Gallon Rectangle	115	60 x 96 x 24	\$827.48
OP0360-48	360 Gallon	115	48 x 51	\$680.48
OP0425-RT*^	425 Gallon Rectangle	94	69 x 71 x 25	\$748.92
OP0500-56	500 Gallon with bolt-on top	150	56 x 65	\$1,164.78
OP0625-RT^	625 Gallon Rectangle	119	72 x 108 x 24	\$1,085.91
OP0635-64	635 Gallon with bolt-on top	102	64 x 52	\$821.11
OP0825-RT^	825 Gallon Rectangle	276	73 x 73 x 66	\$1,817.32
OP0900-86	900 Gallon	175	86 x 43	\$1,311.97
OP1000-74	1000 Gallon with bolt-on top	277	74 x 64	\$1,814.32
OP1010-64	1010 Gallon with bolt-on top	252	64 x 83	\$1,713.88
OP1060-86	1060 Gallon with bolt-on top	192	86 x 56	\$1,472.97
OP1200-86	1200 Gallon	200	86 x 54	\$1,439.75
OP1200-RT	1200 Gallon Rectangle	325	116 x 102 x 29	\$2,446.57
OP1210-64	1210 Gallon with bolt-on top	277	64 x 100	\$1,811.41
OP1325-RT^	1325 Gallon Rectangle	360	84 x 84 x 60	\$2,325.90
OP1350-86	1350 Gallon	217	86 x 62	\$1,545.19
OP1360-86	1360 Gallon with bolt-on top	230	86 x 67	\$1,713.31
OP1500-86	1500 Gallon	240	86 x 68	\$1,715.58
OP1505-64	1505 Gallon with bolt-on top	337	64 x 117	\$2,249.42
OP1510-86	1510 Gallon with bolt-on top	252	86 x 71	\$1,877.84
OP1660-86	1660 Gallon with bolt-on top	280	86 x 76	\$2,059.67
OP1700-90	1700 Gallon	317	91 x 66	\$2,193.51
OP1825-RT^	1825 Gallon Rectangle	520	96 x 96 x 62	\$3,376.81
OP2000-RT^	2000 Gallon Rectangle	570	96 x 96 x 68	\$4,330.34
OP2010-64	2010 Gallon with bolt-on top	465	64 x 158	\$3,002.62
OP2060-86	2060 Gallon with bolt-on top	402	86 x 95	\$2,846.25
OP2200-90	2200 Gallon	365	91 x 85	\$2,607.98
OP2700-90	2700 Gallon	480	91 x 103	\$3,333.72
OP3300-102	3300 Gallon	550	102 x 105	\$3,764.67
OP3700-96	3700 Gallon	625	96 x 128	\$4,234.50
OP6800-120	6800 Gallon	1525	120 x 146	\$10,006.80

STACKABLE TOTE

		WEIGHT	DIMENSIONS	PRICE
ST0035-32	35 Gallon Stackable	30	32 x 32 x 15	\$339.94
ST0070-32	70 Gallon Stackable	42	32 x 32 x 25	\$400.40
ST0120-32	120 Gallon Stackable	77	32 x 32 x 38	\$609.51
ST0180-42	180 Gallon Stackable	126	42 x 42 x 35	\$910.38
ST0240-42	240 Gallon Stackable	164	42 x 42 x 45	\$1,116.80

STACKABLE TOTE ACCESSORIES

ST70/120-SK	35, 70 or 120 Gallon Tote Skid	50	30 x 30 x 8	\$293.08
ST024-LG	24" Leg Kit for 35, 70 or 120 Gallon Tote Skid	24	5 x 5 x 26	\$259.16
ST036-LG	36" Leg Kit for 35, 70 or 120 Gallon Tote Skid	70	8 x 8 x 41	\$309.18
19508	42" Tote Adaptor	55	42 x 42 x 10	\$262.71
ST180/240-ST	180 or 240 Gallon Tote Stand	175	44 x 44 x 27	\$498.48
ST70/120-DT	35, 70 or 120 Gallon Drip Tray Kit	15	5 x 20 x 35	\$279.63
ST180/240-DT	180 or 240 Gallon Drip Tray Kit	17	5 x 20 x 46	\$310.57
ST70/120-PL-1	35, 70, 120, 180 or 240 Gal Plumb. Kit for 1 tank	1	6 x 6 x 6	\$58.18
ST70/120-PL-2	35, 70, 120, 180 or 240 Gal Plumb. Kit for 2 tanks	10	16 x 10.5 x 9	\$320.31
ST70/120-PL-3	35, 70, 120, 180 or 240 Gal Plumb. Kit for 3 tanks	12	16 x 10.5 x 9	\$432.28

DOUBLE WALL VERTICAL TANKS

PART NO.		WEIGHT	DIMENSIONS	PRICE
DW0065-28	65 Gallon	52	29 x 43	\$654.19
DW0120-36	120 Gallon	81	36 x 51	\$1,046.27
DW0150-36	150 Gallon	99	36 x 60	\$1,267.15
DW0300-57	300 Gallon	190	57 x 45	\$1,881.24
DW0500-57	500 Gallon	264	57 x 69	\$2,370.31
DW1000-77	1000 Gallon	552	77 X 82	\$4,213.26
DW1500-77	1500 Gallon	673	77 X 119	\$5,414.88
DW2000-102	2000 Gallon	907	102 X 97	\$6,897.72
DW2500-102	2500 Gallon	1153	102 x 119	\$8,323.58
DW3000-102	3000 Gallon	1512	102 x 141	\$8,718.66
DW3500-102	3500 Gallon	1707	102 x 164	\$9,807.94
DW6000-120	6000 Gallon	3001	120 x 191	\$19,072.98
DW6500-120	6500 Gallon	3202	120 x 207	\$20,120.50

**DOUBLE WALL TANK ACCESSORIES**

19557	1" Fitting			\$519.17
19563	2" Fitting	12		\$942.65
19569	3" Fitting			\$2,043.64
14987	Small Reverse Sight Gauge Kit	15	24 x 13 x 8	\$647.36
14988	Large Reverse Sight Gauge Kit	15	24 x 13 x 8	\$685.51

PALLET TANKS

PART NO.		WEIGHT	DIMENSIONS	PRICE
SP0150-PPTK	150 Gal Rectangle	82	24 x 40 x 42	\$548.76
SP0300-PPTK	300 Gal Rectangle	122	48 x 40 x 42	\$880.91
VT0110-32	110 Gal Tank Only With Sump	42	32 x 41	\$356.93
VT0210-40	210 Gal Tank Only	58	40 x 49	\$475.53

**IBC DISPENSING STAND**

PART NO.		WEIGHT	DIMENSIONS	PRICE
IBC15482-ST	IBC Dispensing Stand	195	52.25 x 45.25 x 27.25	\$706.23

**FUEL TANKS**

PART NO.		WEIGHT	DIMENSIONS	PRICE
SP0006-FU	6 Gal Fuel XLPE	5	10 x 15 x 10	\$129.75
SP0006-FUWB	6 Gal Fuel XLPE w/ 1/4" brass bulkhead	5	10 x 15 x 10	\$147.02
SP0012-FU	12 Gal Fuel XLPE	9	14 x 18 x 12	\$156.84
SP0012-FUWB	12 Gal Fuel XLPE w/ 1/4" brass bulkhead	9	14 x 18 x 12	\$174.08

**STOCK TANKS**

PART NO.		WEIGHT	DIMENSIONS	PRICE
ARM-10115	RE124 50 Gallon Oval	16	50 x 31 x 12	\$160.82
ARM-10116	RE224 100 Gallon Oval	26	55 x 31 x 25	\$199.88
ARM-19455	R42 120 Gallon Round	32	48 x 24	\$271.64
ARM-10117	RE226 150 Gallon Oval	48	75 x 31 x 25	\$311.81
ARM-10138	R62 320 Gallon Round	62	72 x 24	\$356.96
ARM-10139	R82 610 Gallon Round	105	96 x 24	\$550.83
ARM-10135	R92 920 Gallon Round	140	106 x 29	\$691.78

**LIQUID FEEDER TANKS & WHEELS**

PART NO.		WEIGHT	DIMENSIONS	PRICE
LTA155-55	155 Gallon - Uses up to 3 24" wheels	57	50 x 38	\$395.54
LTA180-68	180 Gallon - Uses up to 4 17" wheels	75	68 x 34	\$491.46
LTA285-68	285 Gallon - Uses up to 4 24" wheels	98	68 x 39	\$622.48
Wheels Sold Separately				
LT17W	17 Inch Wheel	2		\$53.91
LT24W	24 Inch Wheel	4		\$63.81



SEPTIC TANKS



AST-0300-1	300 Gallon Pump Tank	137	54 x 56	\$925.51
AST-0300-1R	300 Gallon Pump Tank	137	54 x 56	\$676.31
AST-0500-1	500 Gallon Pump Tank	197	63 x 74	\$1,203.48
AST-0500-1R	500 Gallon Pump Tank	197	63 x 74	\$839.14
AST-0750-1	750 Gallon Single Compartment	259	60 x 70 x 60	\$1,607.91
AST-0750-1R	750 Gallon Single Compartment	259	60 x 70 x 60	\$1,130.07
AST-1000-1	1000 Gallon Single Compartment	396	60 x 101 x 60	\$2,240.26
AST-1000-2	1000 Gallon Two Compartments	448	60 x 101 x 60	\$2,588.40
AST-1250-1	1250 Gallon Single Compartment	446	58 x 118 x 72	\$2,578.26
AST-1250-2	1250 Gallon Two Compartments	492	58 x 118 x 72	\$2,933.53
AST-1500-1	1500 Gallon Single Compartment	584	58 x 137 x 72	\$3,027.61
AST-1500-2	1500 Gallon Two Compartments	630	58 x 137 x 72	\$3,400.26

CISTERN TANKS



AST-0325-1W	325 Gallon	134	54 x 56	\$952.32
AST-0525-1W	525 Gallon	194	63 x 74	\$1,247.36
AST-0850-1W	850 Gallon	259	60 x 70 x 60	\$1,668.04
AST-1150-1W	1150 Gallon	414	60 x 101 x 60	\$2,316.34
AST-1450-1W	1450 Gallon	473	58 x 118 x 72	\$2,627.59
AST-1700-1W	1700 Gallon	567	58 x 137 x 72	\$3,103.80

AQUIFER LOW-PROFILE CISTERN TANKS



ACT1000-LPB	1000 Gallon w/ Burial Lid	559	98 x 111 x 36	\$3,396.82
ACT1000-LPG	1000 Gallon w/ 28" Ground Access Assy	595	98 x 111 x 36	\$3,600.02
ACT1500-LPB	1500 Gallon w/ Burial Lid	702	98 x 111 x 48	\$4,167.73
ACT1500-LPG	1500 Gallon w/ 28" Ground Access Assy	738	98 x 111 x 48	\$4,371.01
ACT2000-LPB	2000 Gallon w/ Burial Lid	917	98 x 158 x 45	\$5,328.94
ACT2000-LPG	2000 Gallon w/ 28" Ground Access Assy	953	98 x 158 x 45	\$5,532.19
ACT2500-LPB	2500 Gallon w/ Burial Lid	1031	98 x 158 x 54	\$5,980.10
ACT2500-LPG	2500 Gallon w/ 28" Ground Access Assy	1067	98 x 158 x 54	\$6,183.34
ACT-16054	16" Aquifer Ground Access Assy-Riser & Lid	43	34 x 24	\$502.49
ACT-16052	28" Aquifer Ground Access Assy-Riser & Lid	53	34 x 38	\$389.35
ACT-16053	24" Aquifer Burial Lid & Gasket	17	35 x 8	\$166.61
ACT-16053BK	24" Aquifer Burial Lid & Gasket BLK	17	35 x 8	\$166.61

SEPTIC/CISTERN TANK ACCESSORIES



AST15448	7" Extension Complete - Black	13	33 x 10	\$350.21
AST15450	7" Extension Complete - White	13	33 x 10	\$398.56
AST19365	7" Access Extension - Black	13	32.5 x 13.5	\$129.32
AST19379	7" Access Extension - White	13	32.5 x 13.5	\$148.19
AST19212	16" Access Extension - Black	35	32.5 x 22	\$164.68
AST15442	16" Extension Complete - Black		33 x 19	\$374.60
AST15444	16" Extension Complete - White		33 x 19	\$418.21
AST19214	16" Access Extension - White	35	32.5 x 22	\$210.45
AST19368	16" Access Extension - Green	35	32.5 x 22	\$255.72
AST19211	24" Ace Access Cover - Black	17	32.5 x 8	\$112.98
AST19213	24" Ace Access Cover - White	14	32.5 x 8	\$136.04
AST19366	24" Ace Access Cover - Green	17	32.5 x 8	\$143.47
ACT-19486	24" Ace Access Cover - Blue	14	32.5 x 8	\$159.84
AST19257	8" dia. Riser & Lid - Black	20	32.5 x 29	\$167.10
AST19258	8" dia. Riser & Lid - White	20	32.5 x 29	\$167.10
AST19544	24" Septic / Cistern Opening Restrictor	4		\$60.47
AST19553	24" Aquifer Opening Restrictor	7		\$75.09
AST15485	28" Lid, AST White w/ Gasket		36 x 9	\$252.80
AST15486	28" Lid, AST Black w/ Gasket		36 x 9	\$254.91
AST15494	28" Lid, 8" AST Riser Blk Assy		36 x 32	\$480.37
AST10078	4" Sanitary Gasket	1	4.00 ID x 8 OD	\$10.88
AST10084	4" Sch. 40 Gasket	1	4.25 ID x 8 OD	\$10.38
AST19256	4" Gasket Retainer & Hardware	1		\$14.31
AST10154	Divider Panel Assembly for 1000 gal w/ Hardware	52		\$343.90
AST19233	Divider Panel Assembly for 1250/1500 gal w/ Hardware	46		\$350.81
AST18000-xx	Internal Plumbing Kit			\$205.91



BULKHEADS PART NO.

		HOLE REQUIREMENT	PRICE
A10897	1/4" Brass Bulkhead (includes Viton O-ring)	25/32"	\$17.97
A10058	1/2" Ace Bulkhead	1 1/4"	\$6.53
A10025	1/2" Polypropylene Bulkhead	1 3/8"	\$19.82
A13208	3/4" Ace Bulkhead	1 7/16"	\$8.37
A10484	3/4" Ace Heavy Duty Bulkhead	1 3/4"	\$9.67
A10485	1" Ace Bulkhead	1 3/4"	\$9.67
A10503	1" Polypropylene Bulkhead	2 1/4"	\$10.86
A10918	1-1/4" Ace Bulkhead	2 1/4"	\$11.41
A10507	1-1/2" Ace Bulkhead	3"	\$16.43
A10508	2" Ace Bulkhead	3"	\$16.43
A10486	2" SS Bulkhead Dbl Threaded	3"	\$412.03
A10912	2" Ace Hvy Duty Bulkhead for tanks > 3000 gal	3 1/4"	\$24.46
A10490	2" SS Bulkhead Hvy for tanks over 3000 gal	3 1/4"	\$663.45
A10203*	2" SS Bolt-in Bulkhead	2 1/4"	\$478.06
A12528	3" Ace Bulkhead	4 1/2"	\$62.27
A10915*	3" Bolt-in Flanged Bulkhead	3 1/4"	\$129.71
A10487	3" SS Bulkhead Dbl Threaded	4 1/2"	\$636.88
A10011*	3" SS Bolt-in Bulkhead	3 3/4"	\$1,032.27
A11099*	4" SS Bolt-in Bulkhead	4 7/8"	\$1,466.88
A10513	4" Bulkhead Fitting	5 3/4"	\$214.47



SYPHON TUBES

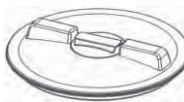
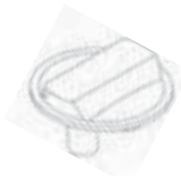
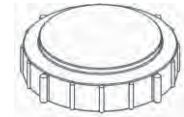
A10511	2" Syphon Tube		\$6.00
A10488	2" Long Syphon Tube		\$24.56
A10489	3" Long Syphon Tube		\$36.32
A12438	4" Syphon Tube		\$158.14

GASKETS

A12000	1-3/8" Viton Gasket	1 3/8"	\$18.58
A12010	1-5/8" Viton Gasket	1 3/4" or 1 5/8"	\$18.08
A12002	2-1/4" Viton Gasket	2 1/4"	\$30.81
A12003	3" Viton Gasket	3"	\$38.48
A12004	3-1/4" Viton Gasket	3 1/4"	\$82.60
A12005	4-1/2" Viton Gasket	4 1/2"	\$79.19

LIDS

A10631	2" Spin on Kelch Cap		\$6.76
A13108	3-1/2" Lid & Lanyard Assembly		\$8.34
A10529	4" Center Lid With Air Breather		\$13.42
A13696	5" Spin-on Lid with Spring Vent		\$9.83
A13748	5" Spin-on Non Vented		\$9.83
A13709	5" Spin-on Lid with Step Vent		\$10.02
A19406	5" Hinged Low-Profile		\$19.49
A12414	7" Spin on Lid-Spring Vent		\$22.23
A12415	7" Spin-on Lid-Non Vented		\$22.23
A12427	7" Spin-on Lid-Step Vent		\$22.56
A10525	8" Threaded Lid With Air Breather		\$26.90
A10520	Breather Only - for 8" & 12" Lids		\$5.09
A10526	12" Threaded Lid Non Vented		\$33.93
A10527	12" Threaded Vented Lid		\$37.23
A10528	16" Threaded Lid With Air Breather		\$47.68
A15082	16" Hinged Lid Vented		\$92.24
A15083	16" Hinged Lid Non-Vented		\$81.53
A10530	22" Threaded Lid With Air Breather		\$159.30
A14887	6" Cap Assembly - No Port	Santoprene gasket	\$39.76
A14888	6" Cap Assembly - 2" NPS Port	Santoprene gasket	\$39.76
A14889	6" Cap Assembly - 2" Buttress Port	Santoprene gasket	\$39.76
A14737	9" Cap Assembly - No Port	Santoprene gasket	\$51.62
A14738	9" Cap Assembly - 2" NPS Port	Santoprene gasket	\$51.62
A14739	9" Cap Assembly - 2" Buttress Port	Santoprene gasket	\$51.62



LANYARDS

A10873	12" Short Black Lanyard (for 5", 8" & 12" lids)		\$0.76
A12460	12" Self-Anchoring Lanyard (for 5" & 7" lids)		\$0.84
A10534	16" Long Black Lanyard (for 12" & 16" lids)		\$0.88

J-BOLTS

J.313 x 3.000	5/16" w/ 3" length		\$1.34
J.375 x 3.750	3/8" w/ 3-3/4" length		\$2.04
J.375 x 5.000	3/8" w/ 5" length		\$2.55
J.500 x 6.000-4	1/2" w/ 6" length		\$6.45
J.625 x 7.000	5/8" w/ 7" length		\$9.40
J.625 x 8.000	5/8" w/ 8" length		\$11.41
J.625 x 8.000-SS	5/8" w/ 8" length (Stainless Steel)		\$79.72

Poly Bulkhead Fittings

Part No.	Description	Hole Size	Price
TF050	1/2" Poly Bulkhead	1-5/8"	\$12.14
TF075	3/4" Poly Bulkhead	1-5/8"	\$12.14
TF100	1" Poly Bulkhead	2-1/4"	\$14.55
TF125	1-1/4" Poly Bulkhead	2-1/4"	\$19.68
TF150	1-1/2" Poly Bulkhead	3"	\$24.37
TF200	2" Poly Bulkhead	3"	\$24.37
TF220	2" Poly Bulkhead	3-1/4"	\$33.11
TF300	3" Poly Bulkhead	4-1/2"	\$55.74
TF400	4" Poly Bulkhead	5-3/4"	\$151.63

Stainless Steel Bulkhead Fittings

Part No.	Description	Hole Size	Price
TF038SS	3/8" SS Bulkhead	1"	\$117.55
TF050SS	1/2" SS Bulkhead	1-3/8"	\$167.92
TF075SS	3/4" SS Bulkhead	1-5/8"	\$235.42
TF100SS	1" SS Bulkhead	2-1/4"	\$296.12
TF125SS	1-1/4" SS Bulkhead	2-1/4"	\$308.81
TF150SS	1-1/2" SS Bulkhead	3"	\$390.23
TF200SS	2" SS Bulkhead	3"	\$369.67
TF220SS	2" SS Bulkhead	3-1/4"	\$415.06
TF300SS	3" SS Bulkhead	4-3/8"	\$634.40

Poly "Bottom Drain" Tank Flanges

Part No.	Description	Price
BF075BD	3/4" X 1-1/2" Threaded Flange	\$69.30
BF100BD	1" x 1-1/2" Threaded Flange	\$69.50
BF125BD	1-1/4" x 1-1/2" Threaded Flange	N/A
BF150BD	1-1/2" x 2" Threaded Flange	\$70.28
BF200BD	2" x 2" Threaded Flange	\$70.28
BF220BD	2" x 2" Threaded Flange Full Port	\$74.49
BF300BD	3" x 3" Threaded Flange	\$102.70

Poly Bolted Tank Flanges

Part No.	Description	Price
BF075	3/4" X 1-1/2" Threaded Flange	\$69.15
BF100	1" x 1-1/2" Threaded Flange	\$69.15
BF150	1-1/2" x 2" Threaded Flange	\$70.28
BF200	2" x 2" Threaded Flange	\$70.26
BF220	2" x 2" Threaded Flange Full Port	\$74.49
BF300	3" x 3" Threaded Flange	\$103.84

Bulkhead Fitting Gaskets

Part No.	Description	Price
100G	3/8" EPDM	\$1.22
100GV	3/8" Viton	\$11.59
TF138GV	1/2" Viton	\$16.07
150G	1/2" & 3/4" (1-5/8" Dia.) EPDM	\$1.07
150GV	1/2" & 3/4" (1-5/8" Dia.) Viton	\$12.68
200G	1" & 1-1/4" (2-1/4" Dia.) EPDM	\$1.29
200GV	1" & 1-1/4" (2-1/4" Dia.) Viton	\$19.65
300G	1-1/2" & 2" (3" Dia.) EPDM	\$1.76
300GV	1-1/2" & 2" (3" Dia.) Viton	\$26.94
TF220G	2" (3-1/4 Dia.) EPDM	\$7.40
TF220GV	2" (3-1/4 Dia.) Viton	\$40.24
TF300G	3" (4-1/2 Dia.) EPDM	\$13.06
TF300GV	3" (4-1/2 Dia.) Viton	\$56.27
TF400G	4" (5-3/4 Dia.) EPDM	\$28.04
TF400GV	4" (5-3/4 Dia.) Viton	\$128.53

Poly Siphon Tube

Part No.	Description	Price
ST200	2" Poly Siphon Tube	\$26.29
ST300	3" Siphon Tube	\$38.87

Poly Vent Cap

Part No.	Description	Price
VC200	2" Vent Cap	\$14.60
VC230	2" Vent w/12 Mesh Screen	\$23.59
VC300	3" Vent Cap	\$32.69
VC330	3" Vent w/10 Mesh Screen	\$39.89

Anti Vortex Bulkhead

Part No.	Description	Price
TF100AV	1" Anti Vortex Bung	\$32.06
TF125AV	1-1/4" Anti Vortex Bung	\$32.18
TF150AV	1-1/2" Anti Vortex Bung	\$39.67
TF200AV	2" Anti Vortex Bung	\$39.67

Jet Agitator / Agitator Tee

Part No.	Description	Price
3371-0019	3/4" MPT - Agitator	\$9.42
T34 TE PP	3/4" Agitator Tee	\$10.00

Black Iron & Stainless Steel Weld on Threaded Tank Flange

Part No.	Size	BI Price	SS Price
WIF038	3/8"	\$14.74	\$23.16
WIF050	1/2"	\$14.74	\$23.16
WIF075	3/4"	\$14.74	\$28.43
WIF100	1"	\$20.00	\$33.69
WIF125	1-1/4"	\$22.11	\$40.00
WIF150	1-1/2"	\$27.37	\$43.16
WIF200	2"	\$30.53	\$48.43
WIF300	3"	\$44.21	\$54.74

Hi-Flow Tank Float

Part No.	Size	Max Flow	Net
R400-1-5P	1" MNPT	55 GPM	\$147.37
R610-2-5P	2" FNPT	140GPM	\$310.53

Hudson Float

Part No.	Description	Price
V-1	1" Valve 55 GPM/40 PSI	\$73.69
K-4	Repair kit. Includes: Screen, Diaphragm, Ring & Float	\$27.37

Stainless Steel Cone-Bottom Tank



- Heavy Gauge Stainless Steel
- 18" Manhole
- 2" Half Coupling Discharge
- 2" Half Coupling Sparge
- Atmosphere Vent
- Lifting Lugs
- A36 Angle Iron Legs & Base Pad
- Optional Ladders

Determining Product Volume in Tank:

76" Diameter

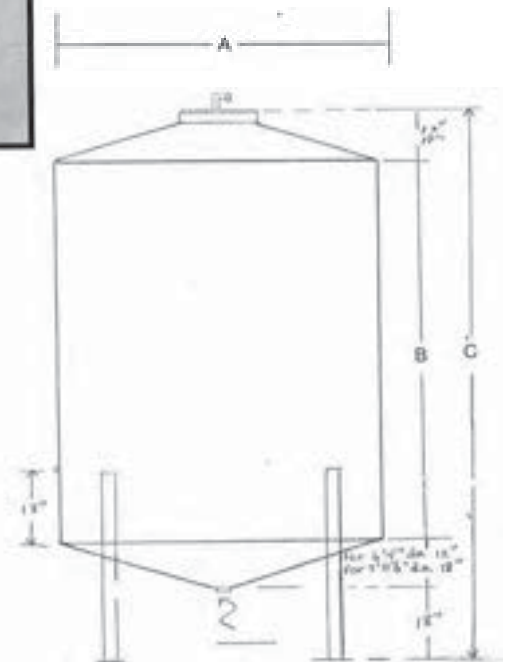
0"	Cone Level =	0 gallons
1"	Cone Level =	.5 gallons
2"	Cone Level =	2 gallons
3"	Cone Level =	5 gallons
4"	Cone Level =	9 gallons
5"	Cone Level =	13 gallons
6"	Cone Level =	20 gallons
7"	Cone Level =	27 gallons
8"	Cone Level =	35 gallons
9"	Cone Level =	44 gallons
10"	Cone Level =	54 gallons
11"	Cone Level =	66 gallons
12"	Cone Level =	79 gallons

Then add: 19.67 gallons for each inch of product above the top of the cone.

95 1/2" Diameter Tank

0"	Cone Level =	0 gallons
1"	Cone Level =	0 gallons
2"	Cone Level =	.2 gallons
3"	Cone Level =	.8 gallons
4"	Cone Level =	2 gallons
5"	Cone Level =	4 gallons
6"	Cone Level =	7 gallons
7"	Cone Level =	11 gallons
8"	Cone Level =	17 gallons
9"	Cone Level =	23 gallons
10"	Cone Level =	32 gallons
11"	Cone Level =	43 gallons
12"	Cone Level =	56 gallons
13"	Cone Level =	71 gallons
14"	Cone Level =	89 gallons
15"	Cone Level =	109 gallons
16"	Cone Level =	132 gallons
17"	Cone Level =	159 gallons
18"	Cone Level =	186 gallons

Then add: 30.96 gallons for each inch of product above the top of the cone.



Eight Standard Sizes

GAL.	DIA.	S.W.	O.A.H.
1097	6'- 4	4'	7'-6
1568	6'- 4	6'	9'-6
2039	6'- 4	8'	11'-6
2509	6'- 4	10'	13'-6
2980	6'- 4	12'	15'-6
4087	7'-11 1/2	10'	14'-6
4830	7'-11 1/2	12'	16'-6
5580	7'-11 1/2	14'	18'-6

Conservation Vent



All Aluminum Body and Cap
Poppets are Aluminum -Teflon
Screens are Stainless Steel
Pressure Settings are Approximate

CV200 **Call For Pricing**

Series 4001 & 4101 Roller Pumps

Part No.	Max. GPM	Max. PSI	Max. RPM	Description	Price
4001C	9	150	1800	Cast iron 4-roller pump with Super Rollers, Viton seals, 3/4" NPT ports, and 5/8" solid shaft	\$294.86
4001C-H	9	150	1800	4001C pump with 1/2" hollow shaft	\$318.70
4001N	9	150	1800	Ni-Resist 4-roller pump with Super Rollers, Viton seals, 3/4" NPT ports, and 5/8" solid shaft	\$507.74
4001N-H	9	150	1800	4001N pump with 1/2" hollow shaft	\$532.05
4001N-EH	10.4	30	1900	12 Volt DC motor-driven, Ni-resist, 4-roller pump with Super Rollers, Viton seals, 3/4" NPT ports, 1/2" hollow shaft	\$1,089.64
4001N-E2H	9.9	60	1600	12 Volt DC motor-driven, Ni-resist, 4-roller pump with Super Rollers, Viton seals, 3/4" NPT ports, 1/2" hollow shaft Designed for higher pressures.	\$1,209.88
4001XL	9	150	1800	Silver Cast 4-roller pump with Super Rollers, Viton seals, 3/4" NPT ports, and 5/8" solid shaft	\$784.72
4001XL-H	9	150	1800	Silver Cast 4001XL pump with 1/2" hollow shaft	\$803.37
4001XL-EH	10.4	30	1900	12 Volt DC motor-driven, Silver Cast, 4-roller pump with Super Rollers, Viton seals, 3/4" NPT ports, 1/2" hollow shaft	\$1,386.42
4001XL-E2H	9.9	60	1600	12 Volt DC motor-driven, Silver Cast, 4-roller pump with Super Rollers, Viton seals, 3/4" NPT ports, 1/2" hollow shaft Designed for higher pressures.	\$1,524.80
4101C	7	150	2600	Cast iron 4-roller pump with Super Rollers, Viton seals, 3/4" NPT ports and 5/8" solid shaft	\$270.29
4101C-H	7	150	2600	4101C pump with 1/2" hollow shaft	\$299.87
4101N	7	150	2600	Ni-Resist 4-roller pump with Super Rollers, Viton seals, 3/4" NPT ports, and 5/8" solid shaft	\$489.84
4101N-H	7	150	2600	4101N pump with 1/2" hollow shaft	\$512.84
4101N-EH	7.5	50	1900	12 Volt DC motor-driven, Ni-resist, 4-roller pump with Super Rollers, Viton seals, 3/4" ports, 1/2" hollow shaft	\$1,069.18
4101N-E2H	5.9	100	1600	12 Volt DC motor-driven, Ni-resist, 4-roller pump with Super Rollers, Viton seals, 3/4" ports, 1/2" hollow shaft Designed for higher pressures.	\$1,250.06
4101XL	7	150	2600	SilverCast 4-roller pump with Super Rollers, Viton seals, 3/4" NPT ports, and 5/8" solid shaft	\$730.98
4101XL-H	7	150	2600	SilverCast 4101XL pump with 1/2" hollow shaft	\$755.51
4101XL-EH	7.5	50	1900	SilverCast, 12 Volt DC motor-driven, 4-roller pump with Super Rollers, Viton seals, 3/4" ports, 1/2" hollow shaft	\$1,317.29
4101XL-E2H	5.9	100	1600	SilverCast, 12 Volt DC motor-driven, 4-roller pump with Super Rollers, Viton seals, 3/4" ports, 1/2" hollow shaft Designed for higher pressures.	\$1,437.39

Hypro PTO Adapters (Female to Female)

Part #	PTO I.D	Pump ID	RPM	Pump Model	Price
1320-0076	1-3/8" (6 spline)	15/16"	540	1500,1700,7560,7700	\$73.61
1320-0077	1-3/8" (6 spline)	5/8"	540	6500	\$71.00
1320-0078	1-3/8" (21 spline)	15/16"	1000	1500, 1700, 7560	\$70.34
1320-0079	1-3/8" (21 spline)	5/8"	1000	4000, 6500	N/A
1320-0080	1-3/4" (20 spline)	15/16"	1000	1500, 1700, 7560	\$102.89
1320-0081	1-3/8" (6 spline)	1"	540	1200, 5200	\$106.81

Hypro Quick Couplers (Female to Female)

Part #	PTO I.D	Pump ID	RPM	Pump Model	Price
1323-0072	1-3/8" (6 spline)	15/16"	540	1500,1700,7560,7700	\$105.17
1323-0073	1-3/8" (21 spline)	15/16"	1000	1500, 1700, 7560	\$100.95
1323-0074	1-3/8" (6 spline)	5/8"	540	6500	\$81.07
1323-0075	1-3/8" (21 spline)	5/8"	1000	4000, 6500	N/A
1323-0076	1-3/8" multi speed)	15/16"	540/1000	1500, 1700, 7560	\$170.66
1323-0077	1-3/8" multi speed)	5/8"	540/1000	4000, 6500	\$203.20

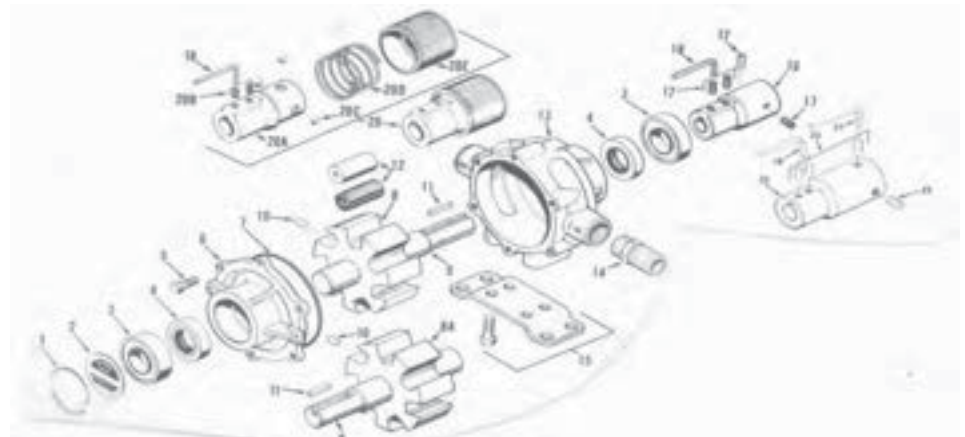
Roller Pumps

Part No.	Max. GPM	Max. PSI	Max. RPM	Description	Price
1502C	62	150	1000	Cast Iron 6-roller pump with Super Rollers, Buna-N seals, 1-1/2" NPT ports and 15/16" solid shaft	\$927.12
1502N	62	150	1000	Ni-Resist 6-roller pump with Super Rollers, Buna-N seals, 1-1/2" NPT ports and 15/16" solid shaft	N/A
1502XL	62	150	1000	SilverCast 6-roller pump with Super Rollers, Viton seals, 1-1/2" NPT ports and 15/16" solid shaft	\$2,067.79
1700C	45	200	1000	Cast iron 5-roller pump with Super Rollers, Viton seals, 1" NPT ports and 15/16" solid shaft	\$603.98
1700N	45	200	1000	Ni-Resist 5-roller pump with Super Rollers, Viton seals, 1" NPT ports and 15/16" solid shaft	N/A
1700XL	45	200	1000	SilverCast 5-roller pump with Super Rollers, Viton seals, 1" NPT ports and 15/16" solid shaft	\$1,650.50
6500C	22	300	1200	Cast Iron 6-roller pump with Super Rollers, Viton seals 3/4" NPT ports and 5/8" solid shaft	\$290.66
6500N	22	300	1200	Ni-Resist 6-roller pump with Super Rollers, Viton seals, 3/4" NPT ports and 5/8" solid shaft	\$675.32
6500XL	22	300	1200	SilverCast 6-roller pump with Super Rollers, Viton seals, 3/4" NPT ports and 5/8" solid shaft	\$905.35
7560C	22	300	1000	Cast iron 8-roller pump with Super Rollers, Viton seals, 3/4" NPT ports and 15/16" solid shaft	\$379.69
7560N	22	300	1000	Ni-Resist 8-roller pump with Super Rollers, Viton seals, 3/4" NPT ports and 15/16" solid shaft	\$766.09
7560XL	22	300	1000	SilverCast 8-roller pump with Super Rollers, Viton seals, 3/4" NPT ports and 15/16" solid shaft	\$1,112.03
7560C-GM30	22	300	1000	7560C-A w/ High torque Hyd. Motor, 12gpm Hyd. Flow	\$1,680.76
7560N-GM30	22	300	1000	7560N-A w/ High torque Hyd. Motor, 12gpm Hyd. Flow	\$2,279.07
7560XL-GM30	22	300	1000	7560XL-A w/ High torque Hyd. Motor, 12gpm Hyd. Flow	\$2,705.63
7700C	22.4	200	800	Cast iron 7-roller pump with Super Rollers, Viton Seals, 3/4" NPT ports and 15/16" solid shaft	\$387.75
7700N	22.4	200	800	Ni-Resist 7-roller pump with Super Rollers, Viton seals, 3/4" NPT ports and 15/16" solid shaft	N/A
7700XL	22.4	200	800	SilverCast 7-roller pump with Super Rollers, Viton seals, 3/4" NPT ports and 15/16" solid shaft	\$1,138.46

Roller Pump Repair Kits

Repair Kit with Super Rollers

Model	Kit #	Each
Hypro 1500	1005-0005 (6)	\$10.72
Hypro 1700	1005-0005 (5)	\$10.72
Hypro 6500	1005-0004 (6)	\$4.90
Hypro 7560	1005-0004 (8)	\$4.90
Hypro 7700	1005-0004 (7)	\$4.90
Hypro 4000	1005-0002 (4)	\$5.31



Roller Pump Repair Parts

Model	Kit #	Price	Seal Part # (2)	Price ea.	Bearing Part # (2)	Price ea.	O-Ring Part # (1)	Price
Hypro 1500	3430-0383	\$110.65	2112-0003	\$22.03	2008-0001	\$19.98	1720-0003	\$4.05
Hypro 1700	3430-0437	\$96.67	2112-0003	\$22.03	2008-0001	\$19.98	1720-0099	\$2.70
Hypro 6500	3430-0380	\$57.19	2107-0002	\$14.42	2000-0010	\$13.69	1720-0014	\$2.95
Hypro 7560	3430-0381	\$81.75	2112-0003	\$22.03	2008-0001	\$19.98	1720-0014	\$2.95
Hypro 7700	3430-0384	\$76.78	2112-0003	\$22.03	2000-0001	\$19.98	1720-0014	\$2.95
Hypro 4000	3430-0390	\$48.49	2107-0002	\$14.42	2000-0010	\$13.69	1720-0014	\$2.95



Part No.	GPM	PSI	RPM	Description	Price
9006C-O	117	80	540	Cast iron pump with oil-lubricated gear drive and 1-3/8" 540rpm female PTO hub with locking collar and mtg clip Clips pump to PTO shield of most tractors. 1-1/2" in x 1-1/4" out	\$1,705.10
9008C-O	110	70	1000	Cast iron pump with oil-lubricated gear drive and 1-3/8" 1000rpm female PTO hub with locking collar & mtg clip. Clips pump to PTO shield of most tractors. 1-1/2" in x 1-1/4" out	\$1,812.21
9016C-O	117	80	540	Cast iron pump with oil-lubricated gear drive and 1" solid shaft, ports (NPT) 1-1/2" inlet, 1-1/4" outlet.	\$1,684.16
9018C-O	110	70	1000	Cast iron pump with oil-lubricated gear drive and 1" solid shaft, ports (NPT) 1-1/2" inlet, 1-1/4" outlet.	\$1,782.65
9028C-O	110	70	1000	Cast iron pump with oil-lubricated gear drive and 1-3/4" 1000rpm female PTO hub with locking collar & mtg clip. Clips pump to PTO shield of most tractors. 1-1/2" in x 1-1/4" out	\$2,102.74
9006P-O	93	80	540	Corrosion-resistant and durable polypropylene pump w/ oil-bath-lubricated gear drive for PTO mtg. Viton seals and 1-3/8" 540rpm female PTO hub w/locking collar kit.	\$1,787.58
9008P-O	86	70	1000	Corrosion-resistant and durable polypropylene pump w/ oil-bath-lubricated gear drive for PTO mtg. Viton seals and 1-3/8" 1000rpm female PTO hub w/locking collar kit	\$2,134.25
9016P-O	93	80	540	Corrosion-resistant and durable polypropylene pump w/ oil-bath-lubricated gear drive and 1" solid shaft. Viton Seals	\$1,767.88
9018P-O	86	70	1000	Corrosion-resistant and durable polypropylene pump w/ oil-bath-lubricated gear drive and 1" solid shaft. Viton Seals	N/A

Series 9400 Cast Iron and Poly Belt Driven Models



Part No.	Max GPM	Max PSI	Max RPM	Shaft	Housing	NPT Ports	Price
9402C-540	76	95	600	1-3/8" Hollow 6 spline	Cast Iron	1-1/4" Inlet 1" Outlet	N/A
9402C-540Q	76	95	600	1-3/8" 6 Spline Quick Coupler	Cast Iron	1-1/4" Inlet 1" Outlet	\$1,738.73
9402C-540S	76	95	600	1" Solid Shaft	Cast Iron	1-1/4" Inlet, 1" Out	\$1,738.73
9402C-1000	76	95	1000	1-3/8" Hollow 21 Spline	Cast Iron	1-1/4" Inlet 1" Outlet	\$1,736.25
9402C-1000S	76	95	1000	1" Solid Shaft	Cast Iron	1-1/4" Inlet, 1" Out	N/A
9403C-540*	140	104	600	1-3/8" Hollow 6 spline	Cast Iron	1-1/2" Inlet 1-1/4" Outlet	\$1,922.68
9403C-540Q*	140	104	600	1-3/8" Hollow Quick Coupler	Cast Iron	1-1/2" Inlet 1-1/4" Outlet	\$1,951.27
9403C-540S*	140	104	600	1" Solid Shaft	Cast Iron	1-1/2" Inlet, 1-1/4" Out	N/A
9403C-1000*	140	104	1000	1-3/8" Hollow 21 Spline	Cast Iron	1-1/2" Inlet 1-1/4" Outlet	\$1,961.19
9403C-1000S*	140	104	1000	1" Solid Shaft	Cast Iron	1-1/2" Inlet, 1-1/4" Out	\$1,951.27

Series 9200 Cast Iron, Pedestal Mount Models



Part No.	Max. GPM	Max. PSI	Max. RPM	Description	Price
9202C	105	180	6000	Pedestal mount, cast iron pump with 5/8" solid shaft and Viton shaft seal. 1-1/4" inlet; 1" outlet NPT ports.	\$699.27
9203C	136	180	6000	Pedestal mount, cast iron pump with 5/8" solid shaft and Viton shaft seal. 1-1/2" inlet, 1-1/4" outlet NPT ports.	\$707.90
9203C-R	136	180	6000	Pedestal mount, clockwise rotation cast iron pump, with 5/8" solid shaft, Viton seal and 1-1/2" x 1-1/4" NPT ports.	\$725.13
9205C	190	190	4200	Pedestal mount, cast iron pump with 7/8" solid keyed shaft, Viton seal, and 2" inlet x 1-1/2" outlet NPT ports.	\$1,775.26
9206C	225	80	4200	Pedestal mount, cast iron pump with 5/8" solid shaft and viton shaft seal, 2" Inlet x 1-1/2" outlet.	\$972.45

Series 9200 Self-Priming, Cast Iron, Pedestal Mount Models



Part No.	Max. GPM	Max. PSI	Max. RPM	Description	Price
9203C-R-SP	140	155	5500	Pedestal mount, clockwise rotation cast iron pump, with 5/8" solid shaft, Viton seal and 2" x 2" NPT ports.	\$1,287.74
9203C-SP	120	157	5500	Self-priming, pedestal mount, cast iron pump with 5/8" solid shaft and Viton shaft seal. 1-1/2" in x 1-1/4" out	\$1,271.74
9205C-SP	180	120	3800	Self-priming, pedestal mount, cast iron pump with 7/8" solid keyed shaft, Viton seal, 2" inlet x 2" outlet NPT ports.	\$2,739.23
9205C-BSP	180	120	3800	Self-priming, pedestal mount, cast iron pump with 7/8" solid keyed shaft, Viton seal, 2" x 2" BSP ports.	\$2,739.23

Polypropylene Pedestal and Flange-Mounted Models



Part No.	Max. GPM	Max. PSI	Max. RPM	Description	Price
9203P-S	100	80	4200	Pedestal mount pump designed for direct drive with an electric motor or belt and pulley drive with an electric motor or gas engine, 7/8" solid keyed 316 SS shaft. 1-1/2" in x 1-1/4"	\$877.77
9203P-SR	100	80	4200	Clockwise rotation pedestal mounted pump designed for direct drive with a gas engine or electric motor, 7/8" solid keyed 316 SS shaft. 1-1/2" inlet, 1-1/4" outlet	\$934.43
9213P	90	55	3600	Flange-mounted pump designed for direct coupling to 5hp gas engine, 3/4" hollow keyed 416 SS shaft. 1-1/2" in x 1-1/4" out	\$1,208.16

Series 9200 Stainless Steel, Pedestal Mount Models



Part No.	Max. GPM	Max. PSI	Max. RPM	Description	Price
9202S	105	170	6000	Pedestal mount, 316 SS pump with 5/8" solid shaft and Viton shaft seal. 1" inlet 1-1/4" outlet	\$1,657.62
9203S	136	170	6000	Pedestal mount, 316 SS pump with 5/8" solid shaft and Viton, silicon carbide shaft seal. 1-1/2" inlet 1-1/4" outlet	\$1,655.62
9203S-R	136	170	6000	Pedestal mount clockwise rotation, 316 SS pump with 5/8" solid shaft and Viton, silicon carbide shaft seal. 1-1/2" in x 1-1/4" out	\$1,641.27
9206S	225	80	4200	Pedestal mount, 316 SS pump with 5/8" solid shaft and Viton, silicon carbide shaft seal. 2" inlet 1-1/2" outlet	\$1,979.08

Series 9200 Pedestal Models with 12-Volt Clutches



Part No.	Max. GPM	Max. PSI	Max. RPM	Description	Price
9262C-C	88	124	5000	Pedestal mount, cast iron pump with 12 volt heavy duty clutch with 5" dia-A-section pulley, 1-1/4" inlet 1" outlet counterclockwise rotation.	\$1,367.06
9263C-C	140	124	5000	Pedestal mount, cast iron pump with 12 volt heavy duty clutch with 5" dia-A-section pulley, 1-1/2NPT inlet, 1-1/4" outlet, counterclockwise rotation.	\$1,373.39
9263C-CR	140	124	5000	Pedestal mount, cast iron pump with 12 volt heavy duty clutch with 5" dia-A-section pulley, (2526-0010) 1-1/2" NPT inlet, 1-1/4" NPT outlet, clockwise rotation.	\$1,388.60

Series 9200 Stainless Steel, Pedestal Mount with 12-Volt Clutch



Part No.	Max. GPM	Max. PSI	Description	Price
9263S-C	140	124	1-1/2" x 1-1/4" centrifugal pump 316 stainless steel constructed with 12 VDC clutch.	\$2,371.56
9263S-CR	140	124	Pedestal mount stainless steel pump w/ 12v HD clutch w/5" Dia. A-Section pulley, 1-1/2" inlet x 1-1/4" outlet-clockwise rotation	\$2,438.04



12 Volt Clutch

Part No.	Pulley Type	Shaft Size	Max. HP	Max. RPM	Hypro Pump Model	Price
2526-0012	5.25"-A	7/8"	30	5000	9203P, 9253P-C, 9500-S 9205C, 9205C-SP	\$870.82
3430-0592	5.00" Double Groove-A	5/8"	30	5000	9202C, 9203C, 9204C, 9203C-R, 9262C-C 9263C-C, 9263C-CR, 9203C-SP, 9262S-C 9263S-C, 9263S-CR, 9263C-C-SP 9263C-CR-SP	\$1,063.58

Series 9300 Cast Iron, Hydraulic-Driven Models

Part No.	Max. GPM	Max. PSI	Description	Price
9303C-HM1C	114	130	13 gpm hydraulic motor/cast iron pump for open/closed center systems, ports (NPT): 1-1/2" inlet, 1-1/4" outlet.	\$1,578.63
9303C-HM2C	97	95	6 gpm hydraulic motor/cast iron pump for closed center systems, ports (NPT): 1-1/2" inlet, 1-1/4" outlet.	\$1,578.63
9303C-HM3C	125	98	20 gpm hydraulic motor/cast iron pump, large open center systems, ports (NPT): 1-1/2" inlet, 1-1/4" outlet.	\$1,678.93
9303C-HM4C	115	93	7 gpm hydraulic motor/cast iron pump, open/closed center systems, ports (NPT): 1-1/2" inlet, 1-1/4" outlet.	\$1,578.63
9303C-HM5C	147	145	16 gpm hydraulic motor/cast iron pump, open/closed center systems, ports (NPT): 1-1/2" inlet, 1-1/4" outlet.	\$1,578.63
9305C-HM3C	182	160	19 gpm hydraulic motor/cast iron pump, large open center systems, ports (NPT): 2" inlet, 1-1/2" outlet.	\$2,624.88
9306C-HM1C	207	130	13 gpm hydraulic motor/cast iron pump, open/closed center systems, ports (NPT): 2" inlet, 1-1/2" outlet.	\$1,831.23
9306C-HM3C	214	135	24 gpm hydraulic motor/cast iron pump, open/closed center systems, ports (NPT): 2" inlet, 1-1/2" outlet.	\$1,931.50
9306C-HM5C	212	140	17 gpm hydraulic motor/cast iron pump, large open center systems, ports (NPT): 2" inlet, 1-1/2" outlet.	\$1,831.23
9307C-GM10	358	135	20 gpm hydraulic gear motor/cast iron pump for open/closed systems, ports (NPT): 3" inlet, 2" outlet	\$7,449.95
9307C-GM12	358	135	22 gpm hydraulic gear motor/cast iron pump for open/closed systems, ports (NPT): 3" inlet, 2" outlet	\$7,449.95

Series 9300 Stainless Steel, Hydraulic-Driven Models

Part No.	Max. GPM	Max. PSI	Description	Price
9303S-HM1C	114	130	13 gpm hydraulic motor/316 SS pump for open/closed center systems w/silicon carbide seals 1-1/2" inlet, 1-1/4" outlet	\$2,890.13
9303S-HM2C	97	95	6 gpm hydraulic motor/316 SS pump for open/closed center systems w/silicon carbide seals 1-1/2" inlet, 1-1/4" outlet	\$2,890.13
9303S-HM3C	125	98	20 gpm hydraulic motor/316 SS pump for open/closed center systems w/silicon carbide seals 1-1/2" inlet, 1-1/4" outlet.	\$2,993.89
9303S-HM4C	115	93	7 gpm hydraulic motor/316 SS pump for open/closed center systems w/silicon carbide seals 1-1/2" inlet, 1-1/4" outlet.	\$2,890.13
9303S-HM5C	147	145	16 gpm hydraulic motor/316 SS pump for open/closed center systems w/silicon carbide seals 1-1/2" inlet, 1-1/4" outlet.	\$2,916.39
9306S-HM1C	207	130	13 gpm hydraulic motor/316 SS pump for open/closed center systems w/silicon carbide seals 2" inlet, 1-1/2" outlet.	\$3,383.90
9306S-HM3C	214	135	24 gpm hydraulic motor/316 SS pump for open/closed center systems w/silicon carbide seals 2" inlet, 1-1/2" outlet.	\$3,487.65
9306S-HM5C	212	140	17 gpm hydraulic motor/316 SS pump for open/closed center systems w/silicon carbide seals 2" inlet, 1-1/2" outlet.	\$3,383.90

Series 9300 Polypropylene, Hydraulic Motor Driven Pumps

Part No.	Max GPM	Max PSI	Hyd.	Description	Price
9303P-HM1C	110	100	open/closed	The hydraulic motor features a fixed displacement internal gear design for smooth operation. A double lip Teflon shaft	\$1,624.69
9303P-HM2C	82	90	closed	Seal provides excellent reliability even with high hydraulic oil back pressure. The hardened stainless steel motor/pump	\$1,624.69
9303P-HM4C	82	85	open/closed	Shaft is supported by two needle bearings and a ball bearing dependable operation through years of use.	\$1,624.69
9303P-HM5C	109	100	open	1-1/2" Inlet x 1-1/4" Outlet	\$1,639.85

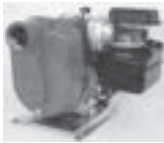
Gas Engine Driven Centrifugal Pumps

Part No.	Max. GPM	Max. PSI	Description	Price
1521C-65	110	80	1-1/2" x 1-1/4" centrifugal pump close coupled to a Power Pro 6.5 hp gas engine.	\$1,912.70
1536	104	70	1-1/2" x 1-1/4" centrifugal pump close coupled to a Briggs and Stratton 5 hp gas engine w/mounting base	\$1,873.98
1537	110	80	1-1/2" x 1-1/4" centrifugal pump close coupled to a Honda 5.5 hp gas engine w/mounting base	\$2,861.94
1538			1-1/2" x 1-1/4" centrifugal pump kit. Parts come unassembled. Does not include engine	\$810.90
1539	104	70	Same pump and engine as Model 1536 without the base	\$1,834.01
1552C-130E	170	150	2" x 1-1/2" centrifugal pump close coupled to a Power Pro 13 hp gas engine with electric start	\$3,747.97
1540	110	80	Same pump as Model 1537 without the base	\$2,887.74
1550	150	140	2" x 1-1/2" centrifugal pump, close coupled to a 9 hp Honda gas engine	\$4,496.03
1551			2" x 1-1/2" centrifugal pump kit. Parts come unassembled. Does not include engine	\$1,535.21



Gas Engine Driven Self-Priming Centrifugal Pumps

Part No.	Max. GPM	Max. PSI	Description	Price
1536-SP	100	65	2"x2" centrifugal pump close coupled to a Briggs and Stratton 5 hp gas engine with mounting base	N/A
1537-SP	106	75	2"x2" centrifugal pump close coupled to a Honda 5.5 hp gas engine with mounting base	\$3,568.70
1538-SP			2"x2" centrifugal pump kit. Parts come unassembled. Does not include engine	\$1,397.44
1550-SP	155	135	2"x2" centrifugal pump, close-coupled to a 9 hp Honda gas engine	\$5,557.49
1551-SP			2"x2" centrifugal pump kit. Parts come unassembled. Does not include engine	\$2,537.55



9700 Aqua Tiger

Part No.	Max. GPM	Max. PSI	Description	Price
9700B	19	7	Bronze centrifugal transfer pump close-coupled to a 12 volt electric motor. The maximum current draw is 11 amps. 3/4 NPT inlet, 3/4" NPT outlet	\$507.23
19928-SHU			Viton seal.	N/A
9700S	19	7	Same as above made out of Stainless Steel	\$638.95
23665-SHU			Mechanical seal for Stainless Pump	N/A



Series 8000 Hydraulic Gear Driven Models

Part No.	Max. GPM	Max. PSI	Description	Price
8304BV-HM5C	10.4	100	3-4.5 hydraulic motor driven brass gear pump for open/closed center systems w/viton shaft seal & relief valve.	\$1,690.37



Gas Engine Driven Polypropylene Transfer Pumps



Part No.	Max. GPM	Max. PSI	Description	Price
1542P-55SP	150	58	2" X 2" NPT self-priming poly transfer pump 3 vane, powered by 5.5 hp PowerPro gas engine with low oil sensor.	\$589.06
1542P-65SP	200	58	2" X 2" NPT self-priming poly transfer pump 5 vane, powered by 6.5 hp PowerPro gas engine with low oil sensor.	\$646.81
3430-0690			Complete pump kit to mount to a 5.5 hp gas engine 3 vane	\$316.33
3430-0635			EPDM seal kit	\$78.94

Hydraulically Driven Poly Transfer Pumps



9342P-HM1C-5SP	200	60	2" x 2" NPT self-priming polypropylene transfer pump powered by Hypro 13 gpmhyd. motor for open / closed center systems.	\$1,310.43
9342P-HM5C-5SP	200	60	2" x 2" NPT self-priming polypropylene transfer pump powered by Hypro 16 gpm hyd. motor for open / closed center systems.	\$1,310.43

Aluminum Transfer Pumps



1572-SPX	145	50	2" x 2" NPT self-priming aluminum transfer pump powered by 4 hp honda GX120 engine with oil alert	\$1,611.95
1573-SPX	280	50	3" x 3" NPT self-priming aluminum transfer pump powered by 5.5 hp honda GX160 engine with oil alert	\$1,840.58

1540 Aluminum Transfer PowerPro



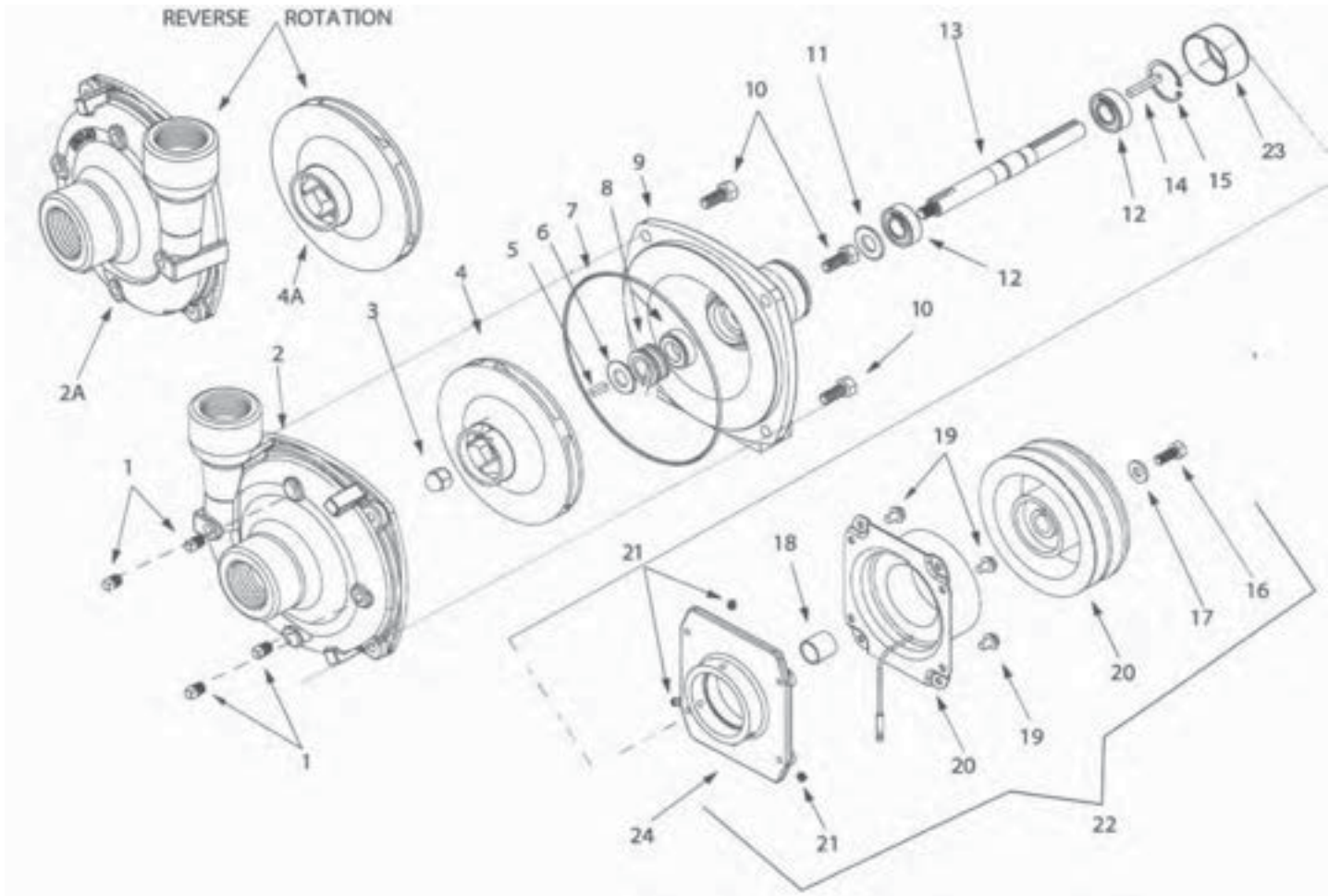
1542A-65SP	147	50	2" X 2" BSP self-priming aluminum transfer pump powered by 6.5 PowerPro engine with oil alert	\$716.04
1543A-65SP	259	50	3" X 3" BSP self-priming aluminum transfer pump powered by 6.5 PowerPro engine with oil alert	\$794.97
1543A-65TSP	272	50	3" X 3" BSP self-priming aluminum trash pump powered by 6.5 PowerPro engine with oil alert	\$1,369.41

Gas Engine Driven Cast Iron Transfer Pumps



1532C-6SP	170	42	2" X 2" NPT self-priming cast iron transfer pump powered by 6.5 PowerPro engine with oil alert	\$1,333.78
1533C-13ESP	330	60	3" X 3" NPT self-priming cast iron transfer pump powered by 13 PowerPro engine with oil alert & elec. Start	\$2,740.96
3430-0673CSP	170	42	2" X 2" NPT self-priming cast iron transfer pump only	\$705.69
3430-0674CSP	330	60	3" X 3" NPT self-priming cast iron transfer pump only	\$1,360.98
9332CV-HM1C-SP	170	60	2" X 2" NPT self-priming cast iron transfer pump powered by a hyd. Motor	\$2,310.28

9203 Cast Iron & Stainless Steel Series



3430-0332

Liquid Repair Kit

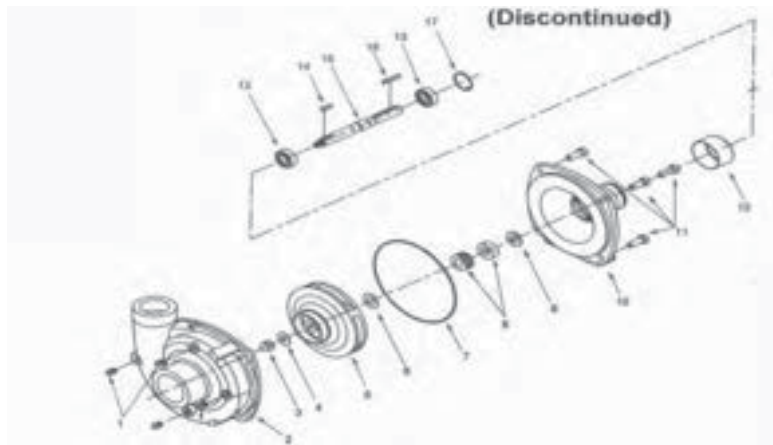
Includes Ref. # 6,7,8 (viton)

\$75.42

Ref.	Qty.	Part No.	Description	Price
1	4	2406-0007	Drain Plug (Cast)	N/A
1	4	2406-0016	Drain Plug (Stainless)	\$11.05
2	1	0150-9000C	Pump Casing (Cast)	\$283.99
2	1	0150-9000S	Pump Casing (Stainless)	\$521.22
2A	1	0152-9000C	Pump Casing (Cast Reverse)	\$267.50
3	1	2253-0002	Impeller Nut (Cast)	\$7.36
3	1	2253-0006	Impeller Nut (Stainless)	\$1.09
4	1	0401-9100P	Impeller (Nylon)	\$63.74
4	1	0402-9100P	Impeller (Poly)	\$70.37
4A	1	0404-9100P	Impeller (Reverse Cast)	\$95.28
4A	1	0403-9100P	Impeller (Reverse Stainless)	\$118.01
5	1	1610-0015	Key (Cast)	\$2.35
5	1	1610-0057	Key (Stainless)	\$14.24
6	1	1700-0100	Gasket	\$6.26
7	1	1720-0083	O-Ring	\$4.51
8	1	2120-0008	Seal - Buna	N/A
8	1	2120-0009	Seal - Viton (Available only in Kit)	N/A

Ref.	Qty.	Part No.	Description	Price
8	1	3430-0589	Seal - Silicon Carbide	\$292.80
9	1	0750-9200C3	Mounting Flange (Cast)	\$213.29
9	1	0756-9200S	Mounting Flange (Stainless)	\$805.20
10	4	2210-0020	Bolt (Cast)	\$1.20
10	4	2210-0125	Bolt (Stainless)	\$2.40
11	1	1410-0056	Slinger Ring	\$1.66
12	2	2000-0010	Ball Bearing	\$13.69
13	1	3430-0844	Pump Shaft	\$177.34
14	1	1610-0004	Key	\$2.30
15	1	1820-0013	Bearing Retainer	\$1.60
16	1	2210-0003	Bolt	\$1.29
17	1	2270-0092	Retaining Washer	\$10.55
18	1	1410-0107	Spacer	\$25.44
19	4	N / A	Bolt (part of Clutch Assy.)	N/A
20	1	2526-0012	Clutch	\$870.82
21	3	2230-0001	Setscrew	\$2.54
22	1	3430-0592	Clutch Kit	\$1,063.58
23	1	2300-0025	Protective Cover	N/A
24	1	0753-9200C1	Mounting Bracket	\$270.08

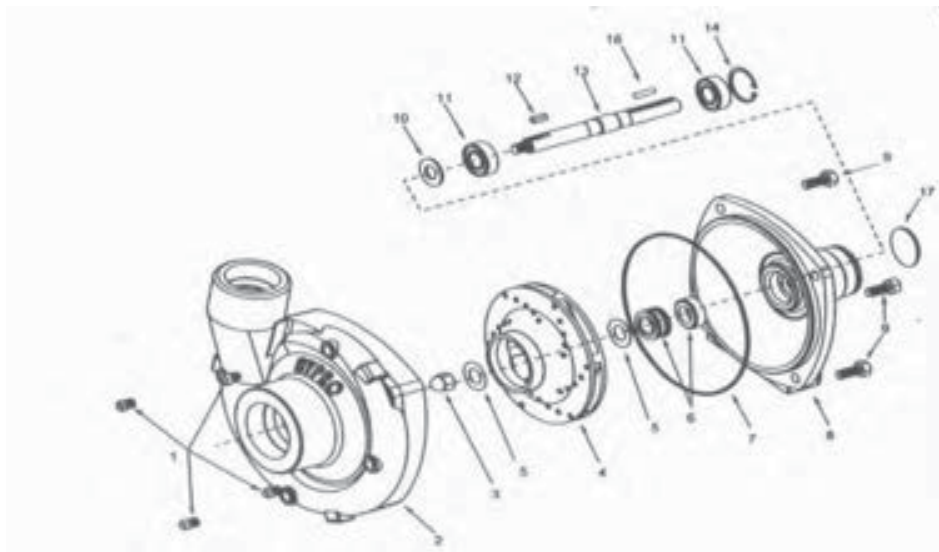
Model 9204C Pump (Discontinued)



Ref.	Qty.	Part No.	Description	Price
1	4	2406-0007	Drain Plug	N/A
2	1	0151-9200C	Pump Casing	\$322.88
3	1	2253-0002	Impeller Nut	\$7.36
4	1	2270-0071	Washer	\$1.60
5	1	0401-9200P2	Impeller (Nylon)	\$135.04
6	1	1700-0100	Gasket	\$6.26
7	1	1720-0083	O-Ring	\$4.51
8	1	2120-0008	Seal - Buna	N/A
8	1	2120-0009	Seal -(Viton Available only in kit)	N/A
8	1	3430-0589	Seal - Silicon Carbide	\$292.80

Ref.	Qty.	Part No.	Description	Price
9	1	1410-0056	Slinger Ring	\$1.66
10	1	0750-9200C3	Mounting Flange	\$213.29
11	4	2210-0020	Bolt	\$1.20
12	1	2300-0025	Protective Cover	N/A
13	2	2000-0010	Ball Bearing	\$13.69
14	1	1610-0053	Key	\$2.40
15	1	3430-0844	Pump Shaft	\$177.34
16	1	1610-0004	Key	\$2.30
17	1	1820-0013	Bearing Retainer	\$1.60

Model 9206C, 9206S Pump

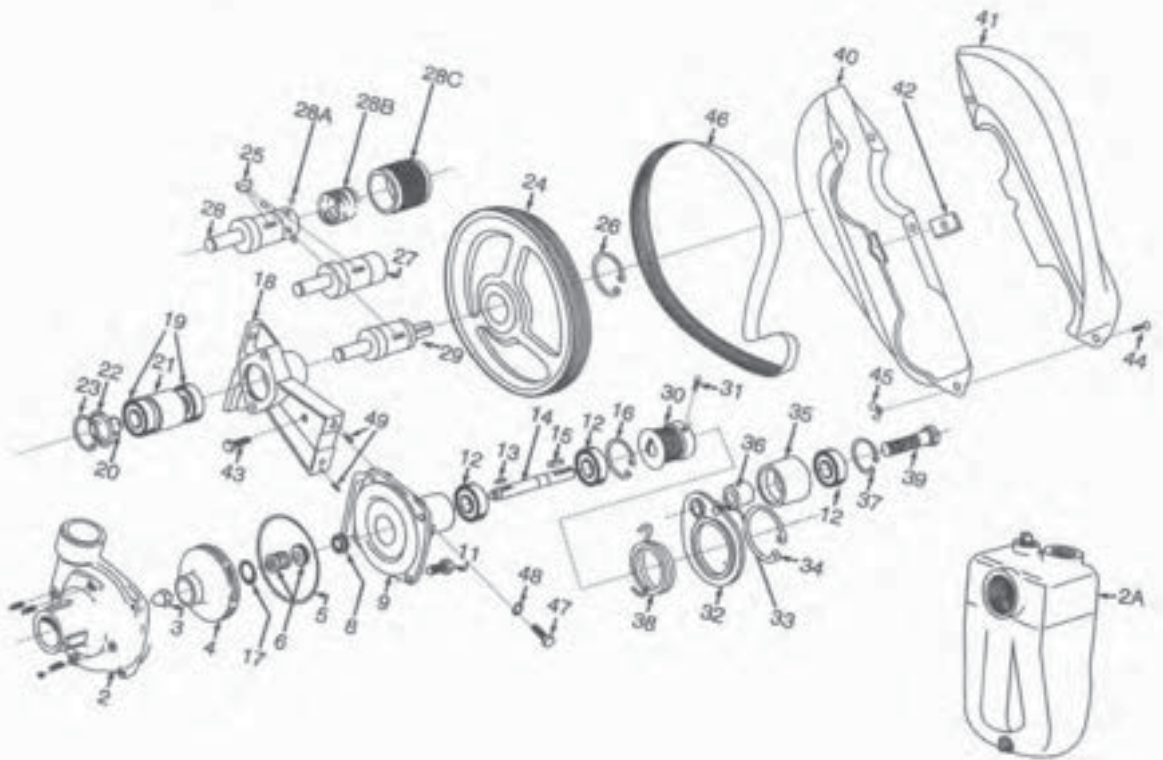


Ref.	Qty.	Part No.	Description	Price
1	4	2406-0007	Drain Plug	N/A
1	4	2406-0016	Drain Plug for (9206S)	\$11.05
2	1	0154-9200C1	Pump Casing	\$449.29
2	1	0154-9200S1	Pump Casing (9206S)	\$939.11
3	1	2253-0002	Impeller Nut	\$7.36
3	1	2253-0006	Impeller Nut (9206S)	N/A
4	1	0401-9200P2	Impeller (Nylon)	\$135.04
4	1	0405-9200P2	Impeller (Poly)	\$176.69
5	1	1700-0100	Gasket	\$6.26
6	1	2120-0009	Seal - Viton (Only available in kit)	N/A
6	1	3430-0589	Seal - Silicon Carbide	\$292.80
7	1	1720-0083	O-Ring	\$4.51

Ref.	Qty.	Part No.	Description	Price
8	1	0750-9200C4	Mounting Flange (9206C)	\$228.43
8	1	0756-9200S	Mntg Flange (9206S)	\$805.20
9	4	2210-0020	Bolt	\$1.20
9	4	2210-0125	Bolt (9206S)	\$2.40
10	1	1410-0056	Slinger Ring	\$1.66
11	2	2000-0010	Ball Bearing	\$13.69
12	1	1610-0053	Key	\$2.40
12	1	1610-0057	Key (9206S)	\$14.24
13	1	3430-0844	Pump Shaft	\$177.34
14	1	1820-0013	Bearing Retainer	\$1.60
15	1	2270-0071	Washer	\$1.60
16	1	1610-0004	Key	\$2.30
17	1	2300-0025	Protective Cover	N/A

3430-0332	Liquid Repair Kit Includes Ref. # 6,7,8 (viton)	\$75.42
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9402C, 9403C, 9403S, & 9403C-SP



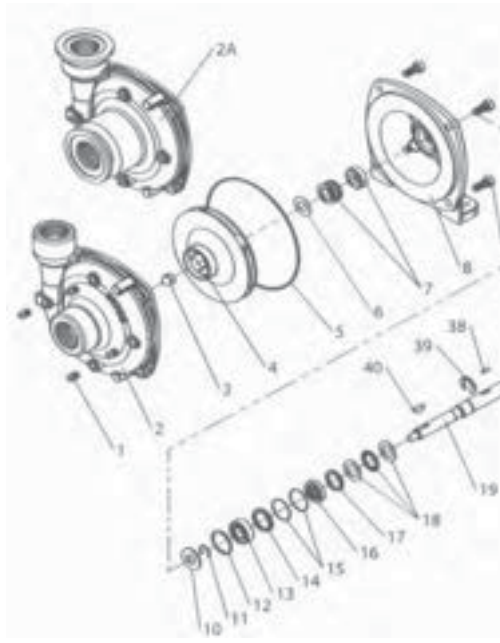
Ref.	Qty.	Part No.	Description	Price	Ref.	Qty.	Part No.	Description	Price
1	4	2406-0007	Drain Plug	N/A	26	1	1810-0031	Retaining Ring (Driver Pulley)	\$5.35
2	1	0150-9000C	Pump Casing (9403C)	\$283.99	26	1	1810-0032	Retain. Ring (Dr. Pulley, 1-3/4" shaft)	N/A
2	1	0150-9000S1	Pump Casing (9403S)	N/A	27	1	0556-9400F	Shaft (1000rpm)(3420-0207 kit used on 0555-9400F & 0556-9400F shafts)	\$657.54
2	1	0150-9200C	Pump Casing (9402C)	\$320.46	27	1	0557-9400F	Shaft (1-3/4" 1000rpm) (3430-0190 kit used on 0557-9400F shaft)	N/A
2A	1	3430-0480SP	Pump Casing (9403C-SP)	\$457.23	28	1	0555-9400F1	Shaft (540rpm Quick Coupler)	\$518.70
3	1	2253-0002	Impeller Nut	\$7.36	28A	3	3250-0004	Locking Ball	\$1.60
3	1	2253-0006	Impeller Nut (9403S)	N/A	28B	1	1900-0115	Collar Spring	\$25.76
4	1	0401-9100P	Impeller - Nylon Std.	\$63.74	28C	1	1400-0021	Sleeve	\$80.78
4	1	0402-9100P	Impeller - Poly Opt.	\$70.37	29	1	3430-0843	Shaft (1" solid)	\$243.58
5	1	1720-0083	O-Ring	\$4.51	30	1	3115-0034	Driven Pulley (5/8" dia. Bore)	\$161.53
6	1	2120-0008	Seal - Buna	N/A	31	2	2230-0003	Set Screw for Driven Pulley	\$1.25
6	1	2120-0009	Seal - Viton only available in kit	N/A	32	1	0706-9400C	Idler Brkt. (Cast)	\$116.54
6	1	3430-0589	Seal - Silicon Carbide	\$292.80	33	1	2405-0003	Grease Zerk Fitting	N/A
8	1	1410-0056	Slinger Ring	\$1.66	34	1	1810-0036	Retaining Ring (Idler Brkt, Cast)	\$6.81
9	1	0750-9200C3	Mounting Flange	\$213.29	35	1	3115-0036	Idler Pulley	\$70.99
9	1	0756-9200S	Mounting Flange (9403S)	\$386.14	36	1	1410-0095	Spacer (Idler Pulley)	\$10.10
10	1	6031-0252	Nameplate	N/A	37	1	1820-0013	Retaining Ring (Idler Pulley)	\$1.60
11	4	2210-0020	Bolt	\$1.20	38	1	1900-0156	Torsion Spring (Idler for Cast)	\$22.57
11	4	2210-0125	Bolt (9403S)	\$2.40	39	1	2210-0111	Idler Bolt/Shaft	\$4.65
12	3	2000-0010	Ball Bearing	\$13.69	40	1	2840-0075	Belt Shield	\$37.16
13	1	1610-0015	Key	\$2.35	41	1	2840-0076	Belt Shield	\$37.16
14	1	3430-0844	Pump Shaft	\$177.34	42	1	1520-0062	Bracket for Belt Shield	\$22.44
15	1	1610-0004	Key	\$2.30	43	1	2210-0021	Attachment Bolt for Shield	\$1.22
16	1	1820-0013	Bearing Retainer	\$1.60	44	4	2240-0017	Assembly Bolts for Shield	\$1.38
17	1	1700-0100	Gasket	\$6.26	45	4	2252-0002	Assembly Bolts for Shield	\$1.32
18	1	0703-9400D	Pedistal Bracket	\$393.58	46	1	3100-0006	Poly V-Belt (540rpm)	\$110.43
19	2	2001-0006	Driver Shaft Bearing	\$27.45	46	1	3100-0005	Poly V-Belt (1000rpm)	\$98.77
20	1	1810-0012	Driver Shaft Bearing Retaining Ring	\$2.59	47	2	2210-0055	Bolts for Pump to Bracket	\$1.03
21	1	1410-0094	Bearing Spacer	\$43.21	48	2	2260-0006	Lock Washers for Bracket Bolts	\$1.09
22	1	2840-0053	End Cap	\$29.05	49	2	1600-0070	Roll Pins	\$1.25
23	1	1820-0032	Bearing Bore Retaining Ring	\$5.07					
24	1	3115-0031	Driver Pulley (540rpm)	\$424.06					
24	1	3115-0032	Driver Pulley (1000rpm)	\$374.83					
24	1	3115-0033	Driver Pulley (1000rpm, 1-3/4" shaft)	N/A					
25	1	1610-0033	Key (Driver Pulley)	\$10.20					
25	1	1610-0034	Key (Driver Pulley, 1-3/4" shaft)	N/A					

3430-0332

Liquid Repair Kit
Includes Ref. # 6,7,8 (viton)

\$75.42

All 9303C and 9303S Series Pumps

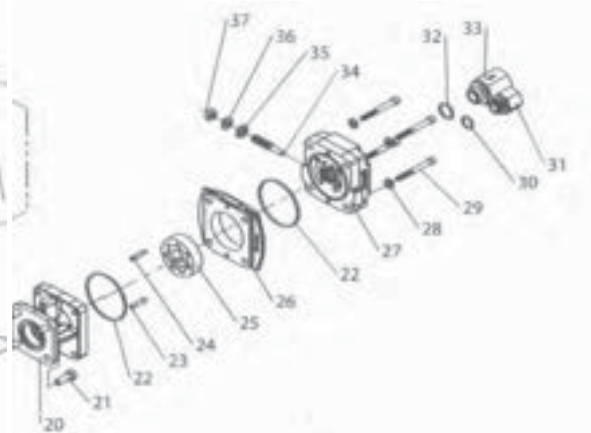


New - Block Style Motor

Hyd. Repair Kit		
3430-0881	Includes Ref #13, 16, 35, 15, 36, 22, 30, 32	\$99.27

Old Style Motor with Fin

Hyd. Repair Kit		
3430-0748	Includes Ref #13, 16, 35, 15, 36, 22, 30, 32	\$115.78



Replacment Motors

		Price
2540-0806C	HM1C Replacement Motor	\$1,314.89
2540-0401C	HM2C Replacement Motor	\$1,310.02
2540-1606C	HM3C Replacement Motor	\$1,519.50
2540-0503C	HM4C Replacement Motor	\$1,314.89
2540-1006C	HM5C Replacement Motor	\$1,314.89

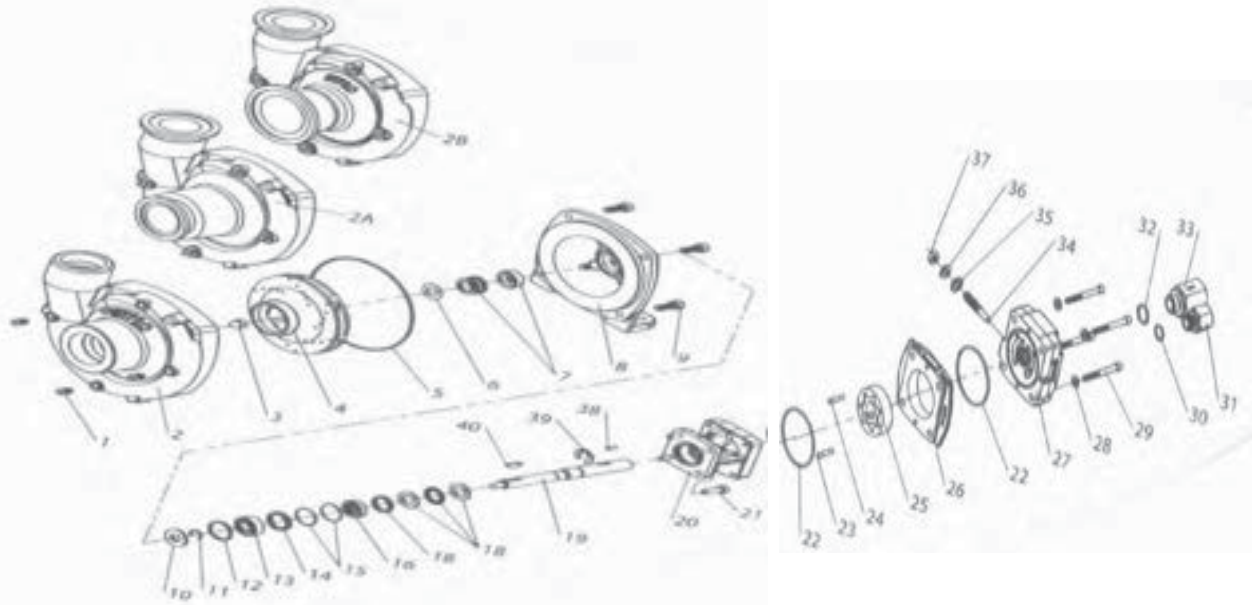
Liquid Repair Kit		
3430-0332	Includes Ref. # 6,7,8 (viton)	\$75.42

Ref.	Qty.	Part No.	Description	Price
1	4	2406-0007	Drain Vent (9203C)	N/A
1	4	2406-0016	Drain Vent (9203S)	\$11.05
2	1	0150-9000C	Pump Casing (9303C)	\$283.99
2	1	0150-9000S	Pump Casing (9303S)	\$521.22
2A	1	0153-9000C	Pump Casing (Universal Flange)	\$314.26
3	1	2253-0002	Impeller Nut (9303C)	\$7.36
3	1	2253-0006	Impeller Nut (9303S)	N/A
4	1	0401-9100P	Impeller Nyglass, Std.(9303C)	\$63.74
4	1	0402-9100P	Impeller Poly Opt.	\$70.37
5	1	1720-0083	O-Ring	\$4.51
6	1	1700-0100	Rubber Gasket (9303C)	\$6.26
7	1	2120-0009	Seal Viton (Std. 9303C) Kit only	N/A
7	1	3430-0589	Seal Silicone Carbide (Std. 9303S)	\$292.80
8	1	0750-9300C	Mounting Flange	\$167.08
8	1	0756-9300S	Mounting Flange (9303S)	\$386.14
9	4	2210-0020	Hex Head Cap Screw (9303C)	\$1.20
9	4	2210-0125	Hex Head Cap Screw (9303S)	\$2.40
10	1	1410-0056	Slinger Ring	\$1.66
11	1	1810-0014	Snap Ring	\$1.38
12	1	1820-0013	Retaining Ring	\$1.60
13	1	2000-0010	Ball Bearing	\$13.69
14	1	1410-0131	Cartridge, Front	\$15.28
15	2	1720-0268	O-Ring	\$1.81
16	1	2104-0010	Lip Seal (Only available in 3430-0748)	N/A
17	1	1410-0130	Seal Spacer	\$8.34
18	1	2029-0014	Thrust Bearing Assembly (1) Bearing, (2) Races	\$40.29
19	1	3430-0850	Shaft (HM2C & HM4C)	\$314.15
19	1	3430-0852	Shaft (HM1C & HM5C)	\$228.02
19	1	3430-0855	Shaft (HM3C)	\$403.87
20	1	0150-2500C	Motor Body (Includes Needle Brg)	\$172.49
21	4	2210-0005	Hex Head Cap Screw	\$0.99
22	2	1720-0110	O-Ring	\$1.60
23	1	1600-0045	Dowel Pin (HM2C & HM4C)	\$18.75
23	1	1600-0044	Dowel Pin (HM1C & HM5C)	\$23.60

Ref.	Qty.	Part No.	Description	Price
23	1	1600-0052	Dowel Pin (HM3C)	\$33.69
24	1	1600-0042	Dowel Pin (HM2C & HM4C)	\$18.75
24	1	1600-0037	Dowel Pin (HM1C & HM5C)	\$24.13
24	1	1600-0068	Dowel Pin (HM3C)	\$15.28
25	1	3900-0022	Gerotor (HM1C)	\$244.84
25	1	3900-0023	Gerotor (HM2C)	\$222.13
25	1	3900-0024	Gerotor (HM3C)	\$310.48
25	1	3900-0025	Gerotor (HM4C)	\$241.05
25	1	3900-0048	Gerotor (HM5C)	\$248.64
26	1	0701-2500C1	Gerotor Housing (HM2C) 1/4" Wide	N/A
26	1	0700-2500C1	Gerotor Housing (HM1C) 1/2" Wide	N/A
26	1	0703-2500C1	Gerotor Housing (HM4C) 5/16" Wide	\$154.82
26	1	0702-2500C1	Gerotor Housing (HM3C) 1" Wide	N/A
26	1	0704-2500C1	Gerotor Housing (HM5C) 5/8" Wide	\$187.41
27	1	0254-2500C2	Motor End Plate Includes Main Brg	\$187.09
28	4	2270-0039	Washer	\$1.32
29	4	2220-0045	Cap Screw (HM2C & HM4C)	\$1.93
29	4	2220-0021	Cap Screw (HM1C)	\$2.39
29	4	2220-0044	Cap Screw (HM3C)	\$4.10
29	4	2220-0032	Cap Screw (HM5C)	\$5.56
30	1	1720-0108	O-Ring	\$1.38
31	1	3360-0021A	Pressure Port Adaptor(Incl. o-ring)	\$29.15
32	1	1720-0262	O-Ring (available in kit only)	N/A
33	1	3320-0051A	Tank Port Adapter (Incl.o-ring)	\$54.90
34	1	3220-0029	Bypass Adjusting Screw	\$11.33
35	1	1700-0047	Gasket	\$5.43
36	1	2270-0027	Washer	\$2.35
37	1	2250-0038	Lock Nut	\$1.32
38	1	1610-0032	Roll Pin (HM2C & HM4C)	\$10.37
38	1	1610-0031	Roll Pin (HM1C & HM5C)	\$5.74
38	1	1610-0055	Roll Pin (HM3C)	\$34.71
39	1	1810-0026	Snap Ring	\$1.41
40	1	1610-0012	Woodruff Key (9303C)	\$1.62

All 9306C Series Pumps

Includes Discontinued 9304C



New - Block Style Motor

3430-0881	Hyd. Repair Kit	\$99.27
Includes Ref.# 13,16,35,15,36,22,30,32		

Old Style Motor with Fin

3430-0748	Hyd. Repair Kit	\$115.78
Includes Ref.# 13,16,35,15,36,22,30,32		

Replacment Motors

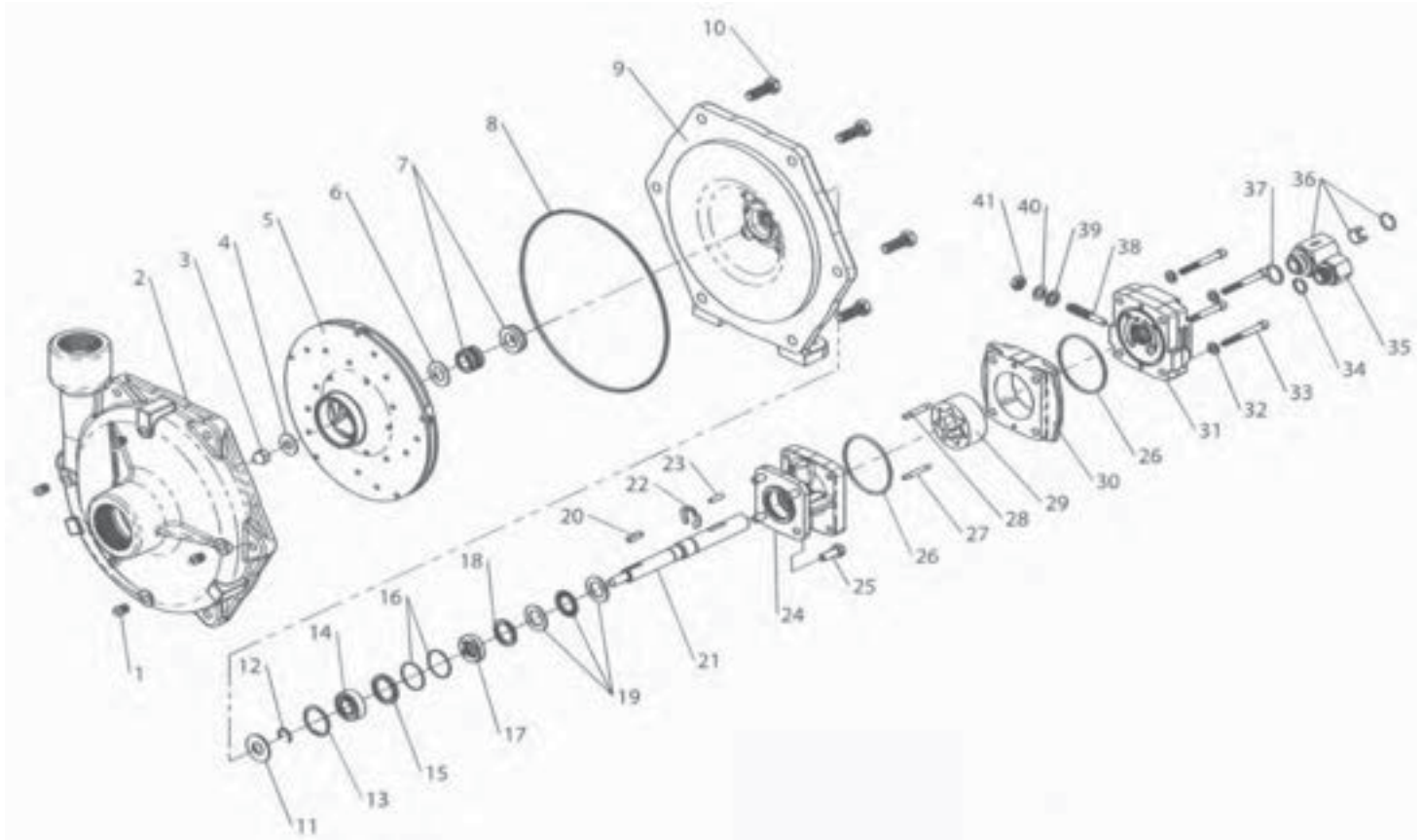
		Price
2540-0806C	HM1C Replacement Motor	\$1,314.89
2540-1606C	HM3C Replacement Motor	\$1,519.50
2540-1006C	HM5C Replacement Motor	\$1,314.89

3430-0332	Liquid Repair Kit	\$75.42
Includes Ref. # 6,7,8 (viton)		

Ref.	Qty.	Part No.	Description	Price
1	4	2406-0007	Drain Vent	N/A
2	1	0154-9200C1	Pump Casing	\$449.29
2	1	0151-9200C	Pump Casing (9304C)	\$322.88
2A	1	0157-9200C	Pump Casing (Universal Flange)	\$267.56
3	1	2253-0002	Impeller Nut	\$7.36
4	1	0401-9200P2	Impeller (Nyglass Std.)	\$135.04
4	1	0401-9200C	Impeller (Cast Opt.)	\$336.74
5	1	1720-0083	O-Ring	\$4.51
6	1	1700-0100	Rubber Gasket	\$6.26
7	1	2120-0009	Seal Viton (Std.)In kit only	N/A
7	1	3430-0589	Seal Silicone Carbide (Opt.)	\$292.80
8	1	0750-9300C2	Mounting Flange	\$155.24
8	1	0750-9300C	Mounting Flange (9304C)	\$167.08
9	4	2210-0020	Hex Head Cap Screw	\$1.20
10	1	1410-0056	Slinger Ring	\$1.66
11	1	1810-0014	Retaining Ring	\$1.38
12	1	1820-0013	Snap Ring	\$1.60
13	1	2000-0010	Ball Bearing	\$13.69
14	1	1410-0131	Cartridge, Front	\$15.28
15	1	1720-0268	O-Ring	\$1.81
16	1	2104-0010	Lip Seal Only Available in 3430-0748 kit	N/A
17	1	1410-0130	Seal Spacer	\$8.34
18	1	2029-0014	Thrust Bearing Assembly Includes (1) Bearing, (2) Races	\$40.29
19	1	3430-0850	Shaft (HM2C & HM4C)	\$314.15
19	1	3430-0852	Shaft (HM1C & HM5C)	\$228.02
19	1	3430-0855	Shaft (HM3C)	\$403.87
20	1	0150-2500C	Motor Body (Includes Main Brg)	\$172.49
21	4	2210-0005	Hex Head Cap Screw	\$0.99
22	2	1720-0110	O-Ring	\$1.60
23	1	1600-0045	Dowel Pin (HM2C & HM4C)	\$18.75
23	1	1600-0044	Dowel Pin (HM1C & HM5C)	\$23.60
23	1	1600-0052	Dowel Pin (HM3C)	\$33.69

Ref.	Qty.	Part No.	Description	Price
24	1	1600-0042	Dowel Pin (HM2C & HM4C)	\$18.75
24	1	1600-0037	Dowel Pin (HM1C & HM5C)	\$24.13
24	1	1600-0068	Dowel Pin (HM3C)	\$15.28
25	1	3900-0022	Gerotor (HM1C)	\$244.84
25	1	3900-0023	Gerotor (HM2C)	\$222.13
25	1	3900-0024	Gerotor (HM3C)	\$310.48
25	1	3900-0025	Gerotor (HM4C)	\$241.05
25	1	3900-0048	Gerotor (HM5C)	\$248.64
26	1	0701-2500C1	Gerotor Housing (HM2C) 1/4" Wide	N/A
26	1	0700-2500C1	Gerotor Housing (HM1C) 1/2" Wide	N/A
26	1	0703-2500C1	Gerotor Housing (HM4C) 5/16" Wide	\$154.82
26	1	0702-2500C1	Gerotor Housing (HM3C) 1" Wide	N/A
26	1	0704-2500C1	Gerotor Housing (HM5C) 5/8" Wide	\$197.41
27	1	0254-2500C2	Motor End Plate Includes Main Brg	\$187.09
28	4	2270-0039	Washer	\$1.32
29	4	2220-0045	Cap Screw (HM2C & HM4C)	\$1.93
29	4	2220-0021	Cap Screw (HM1C)	\$2.39
29	4	2220-0044	Cap Screw (HM3C)	\$4.10
29	4	2220-0032	Cap Screw (HM5C)	\$5.56
30	2	1720-0108	O-Ring	\$1.38
31	1	3360-0021A	Pressure Port Adapter (Includes o-Ring)	\$29.15
32	1	1720-0262	O-Ring (Available in kit only)	N/A
33	1	3320-0051A	Tank Port Adapter (Includes O-Ring)	\$54.90
34	1	3220-0029	Bypass Adjusting Screw	\$11.33
35	1	1700-0047	Gasket	\$5.43
36	1	2270-0027	Washer	\$2.35
37	1	2250-0038	Lock Nut	\$1.32
38	1	1610-0032	Roll Pin (HM2C & HM4C)	\$10.37
38	1	1610-0031	Roll Pin (HM1C & HM5C)	\$5.74
38	1	1610-0055	Roll Pin (HM3C)	\$34.71
39	1	1810-0026	Snap Ring	\$1.41
40	1	1610-0012	Woodruff Key (9303C)	\$1.62

Model 9305C-HM3C



Repair Kit

Price

3430-0500	Includes: (#7) 2120-0009 seal, (#8) 1720-0180 O-Ring, (#6) 1700-0100 Gasket	\$76.66
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Replacement Motor

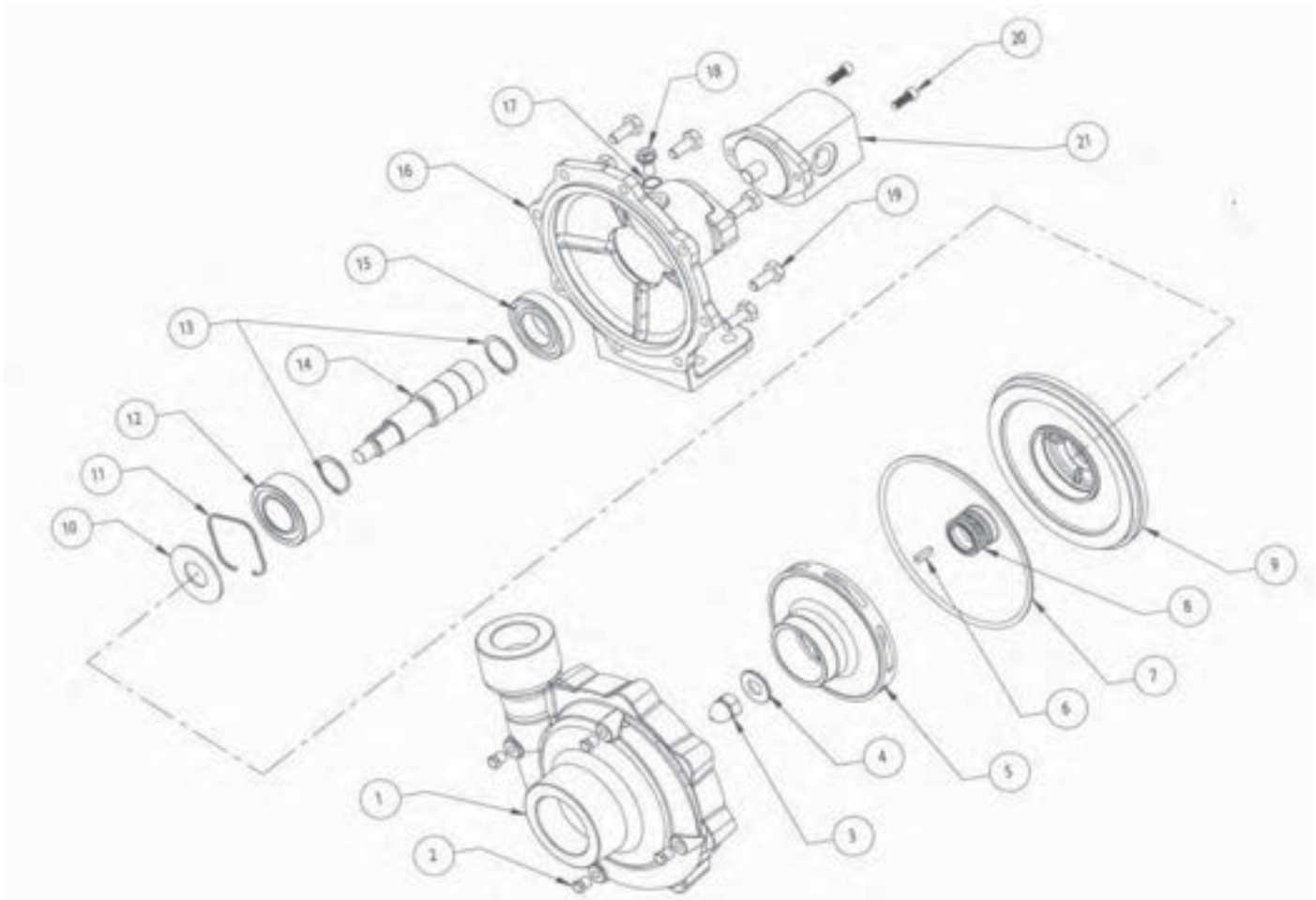
Price

2540-1606C	HM3 Replacement Motor	\$1,519.50
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Ref.	Qty.	Part No.	Description	Price
1	4	2406-0007	Drain Vent	N/A
2	1	0152-9200C	Pump Casing	\$603.82
3	1	2253-0002	Impeller Nut	\$7.36
4	1	2270-0071	Washer	\$1.60
5	1	0403-9200P1	Impeller	\$402.60
6	1	1700-0100	Rubber Gasket	\$6.26
7	1	2120-0009	Seal Viton (Std.)Avail. In kit only	N/A
7	1	3430-0601	Seal Silicone Carbide	\$301.90
8	1	1720-0180	O-Ring	\$6.18
9	1	0752-9200C	Mounting Flange	\$439.21
10	6	2210-0086	Hex Head Cap Screw	\$1.66
11	1	1410-0056	Slinger Ring	\$1.66
12	1	1810-0014	SnapRing	\$1.38
13	1	1820-0013	Retaining Ring	\$1.60
14	1	2000-0010	Ball Bearing	\$13.69
15	1	1410-0131	Cartridge, Front	\$15.28
16	2	1720-0268	O-Ring	\$1.81
17	1	2104-0010	Lip Seal(Available in 3430-0748 kit only)	N/A
18	1	1410-0130	Seal Spacer	\$8.34
19	1	2029-0014	Thrust Bearing Assembly (1) thrust bearing, (2) Races	\$40.29
20	1	1610-0053	Square Key	\$2.40

Ref.	Qty.	Part No.	Description	Price
21	1	3430-0856	Shaft	\$415.21
22	1	1810-0026	Snap Ring	\$1.41
23	1	1610-0055	Roll Pin	\$34.71
24	1	0150-2500C	Motor Body (Includes needle bearing)	\$172.49
25	4	2210-0005	Hex Head Cap Screw	\$0.99
26	2	1720-0110	O-Ring	\$1.60
27	1	1600-0052	Dowel Pin	\$33.69
28	1	1600-0068	Dowel Pin	\$15.28
29	1	3900-0024	Gerotor	\$310.48
30	1	0702-2500C1	Gerotor Housing 1" wide	N/A
31	1	0254-2500C2	Motor End Plate (includes needle bearing)	\$187.09
32	4	2270-0039	Washer	\$1.32
33	4	2220-0044	Cap Screw	\$4.10
34	1	1720-0108	O-Ring	\$1.38
35	1	3360-0021A	Pressure Port Adapter (Includes O-ring)	\$29.15
36	1	3320-0051A	Tank Port Adapter (Includes o-ring)	\$54.90
37	1	1720-0262	O-Ring (Part available in kit only)	N/A
38	1	3220-0029	Bypass Adjusting Screw	\$11.33
39	1	1700-0047	Gasket	\$5.43
40	1	2270-0027	Washer	\$2.35
41	1	2250-0038	Lock Nut	\$1.32

Model 9307C

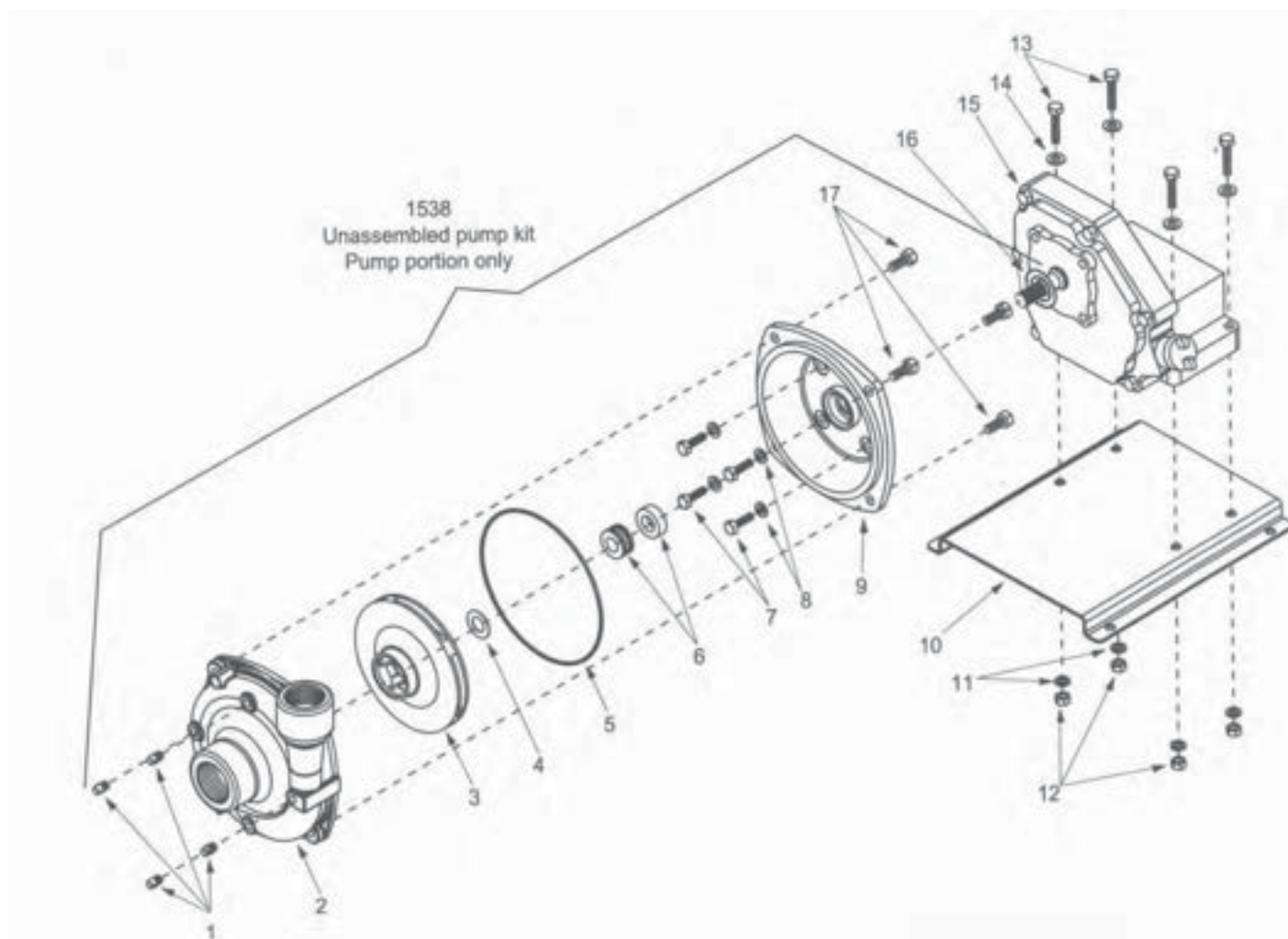


3430-0604	Repair Kit Seal and O-Ring	\$673.92
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Ref.	Qty.	Part No.	Description	Price
1**	1	0151-9300C	Pump Casing	\$2,142.97
2	4	2406-0039	Pipe Plug	\$58.70
3	1	2253-0010	Acorn Nut	\$54.60
4	1	2270-0094	Washer	\$13.08
5	1	0400-9300S	Impeller	\$1,401.17
6	1	1610-0058	Key	\$12.61
7	1	1721-0208	O-Ring	\$62.47
8	1	2120-0043	Seal Available only in 3430-0604 Kit	N/A
9	1	0755-9300C	Seal Flange	\$549.65
10	1	2270-0093	Slinger	\$37.84
11	1	1820-0040	Retaining Ring	\$34.04

Ref.	Qty.	Part No.	Description	Price
12	1	2005-0006	Double Row Ball Bearing	\$171.63
13	2	1810-0001	Retaining Ring	\$2.22
14	1	3430-0857	Shaft Assembly	\$526.42
15	1	2007-0063	Ball Bearing	\$59.31
16	1	0757-9300C	Mounting Flange	\$1,074.00
17	1	1720-0209	O-Ring	\$1.22
18	1	2300-0040	Plug	\$3.56
19	8	2210-0131	Bolt	\$6.26
20	2	2210-0026	Bolt	\$1.30
21	1	2500-0036	Hyd. Motor (GM10)	\$1,480.39
21	1	2500-0046	Hyd. Motor (GM12)	\$3,008.74

Models 1536, 1537, 1538, 1539, & 1540



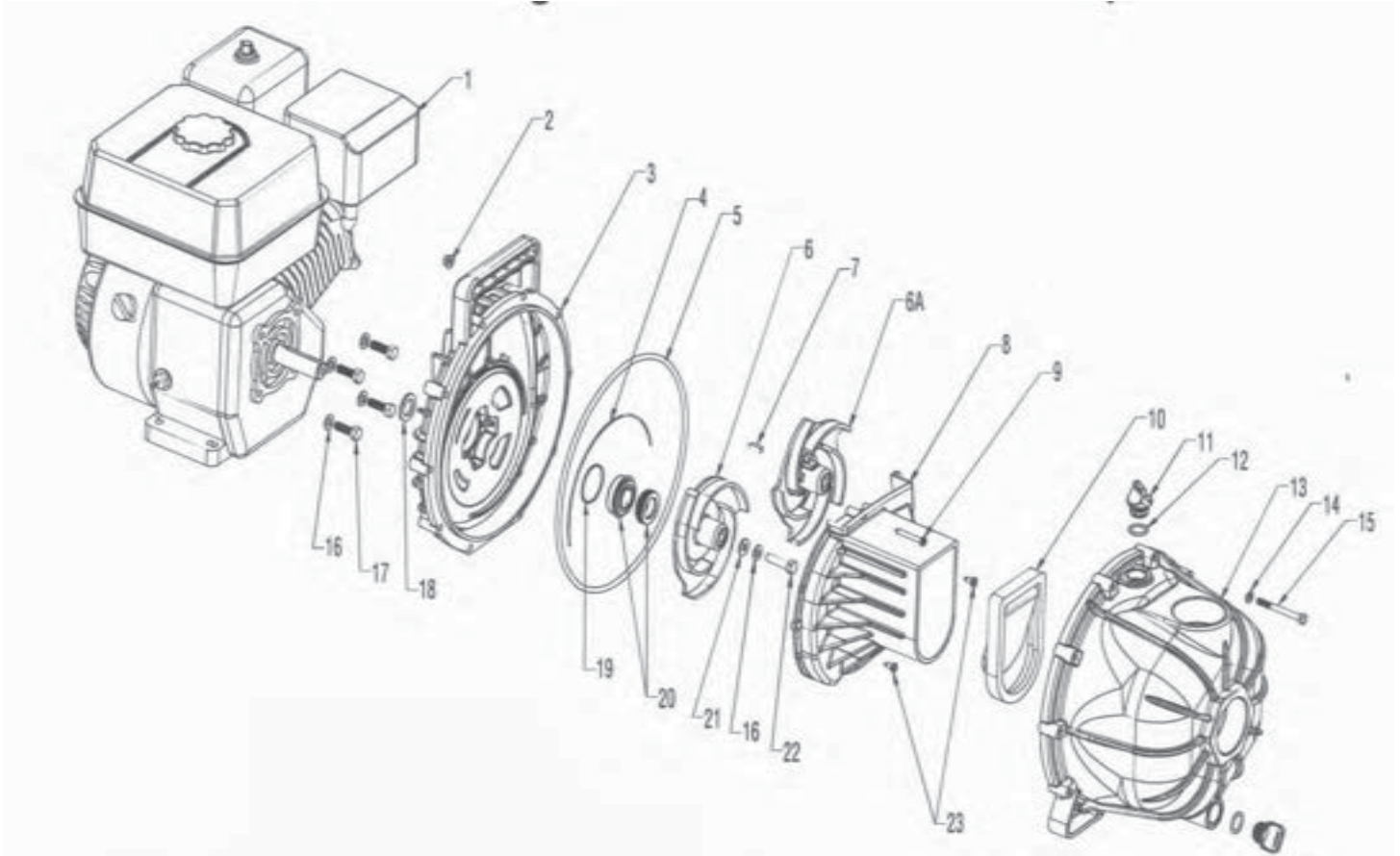
Repair Kit

3430-0332	Includes (#6) 2120-0009 Seal, (#5) 1720-0083 O-Ring, (#4) 1700-0100 Gasket	\$75.42
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Ref.	Qty.	Part No.	Description	Price
1	4	2406-0007	Drain Plug	N/A
2	1	0152-9000C	Casing w/ SS wear ring	\$267.50
3	1	0402-9200P	Impeller (nylon)	\$167.86
4	1	1700-0100	Gasket	\$6.26
5	1	1720-0083	O-Ring	\$4.51
6	1	2120-0009	Seal - Viton Available in kit only	N/A
7	4	2210-0098	Bolt	\$3.41
8	4	1700-0119	O-Ring Seal	\$9.05

Ref.	Qty.	Part No.	Description	Price
9	1	0703-9200C	Flange	\$251.14
10	1	1510-0083	Mounting Plate	\$121.17
11	4	2260-0002	Lock Washer	\$1.27
12	4	2250-0003	Nut	\$1.27
13	4	2210-0021	Bolt	\$1.22
14	4	2270-0040	Washer	\$1.03
16	1	1410-0088	Bearing Shield 5hp Briggs	\$28.13
16	1	1410-0105	Bearing Shield 5.5hp Briggs	\$24.13
17	4	2210-0020	Bolt	\$1.20

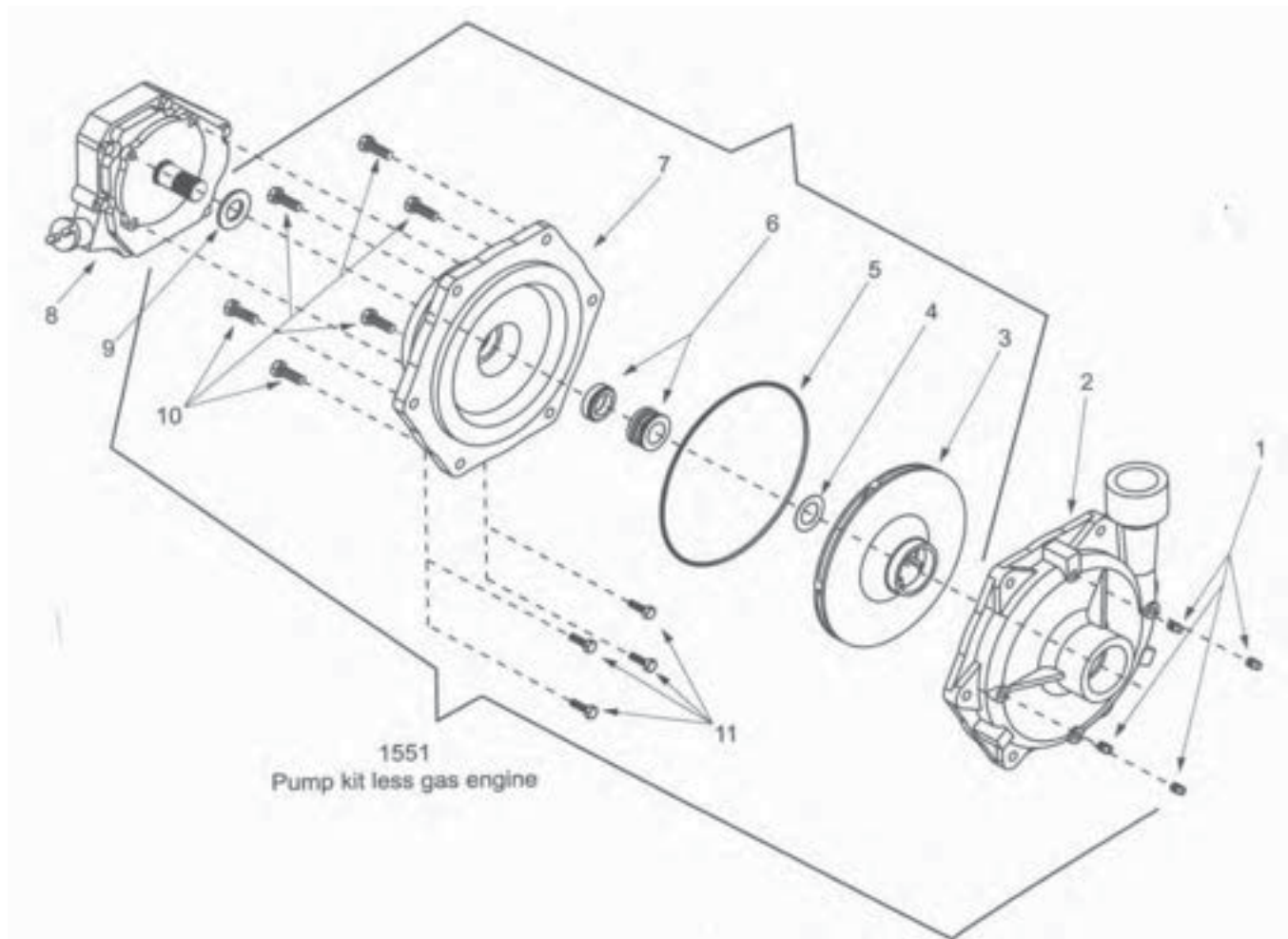
Model 1542P-3SP Gas Engine Plastic Transfer Pump



Ref.	Qty.	Part No.	Description	Price
1A	1	2541-0045	Engine (6.5 HP PowerPro)	\$533.11
2	10	2250-0087	Hex Nut, M6	\$1.13
3	1	0750-1540P	Mounting Flange	\$48.36
4	1	1700-0209	Diffuser Gasket	\$2.53
5	1	1720-0244	Pump Body O-Ring	\$12.35
6	1	0400-1540P	3 Vane Impeller (1542P-3SP)	\$27.13
6A	1	0401-1540P	5 Vane Impeller (1542P-5SP)	\$30.55
7	1	1610-0044	Key 3/16 x 5/8 SS (1542P-5SP)	\$9.66
8	1	0150-1540P	Diffuser	\$43.06
9	1	2210-0144	Diffuser Mntg. Screw (long)	\$1.29
10	1	1700-0208	Flapper Valve	\$9.23
11	2	2404-0350P	Fill / Drain Plug	\$1.84

Ref.	Qty.	Part No.	Description	Price
12	2	1720-0035	Plug O-Ring	N/A
13	1	0100-1540P	Pump Housing	\$79.25
14	10	2270-0115	Flat Washer, 6M	\$6.76
15	10	2210-0141	Bolt, 6M x 1 x 60	\$3.17
16	5	2270-0114	Washer, 5/16 SS	\$8.14
17	4	2210-0143	Mounting Bolt, 5/16-24 x 1	\$3.41
18	1	1410-0083	Slinger Ring	\$2.53
19	1	1720-0231	Seal O-Ring	\$1.13
20	1	2120-0044	Mechanical Seal	\$68.03
21	1	1700-0210	Impeller Gasket	\$1.09
22	1	2210-0142	Impeller Bolt 5/16-24 x 1-1/4	\$12.61
23	2	2210-0145	Diffuser Mntg. Screw (short)	\$1.16

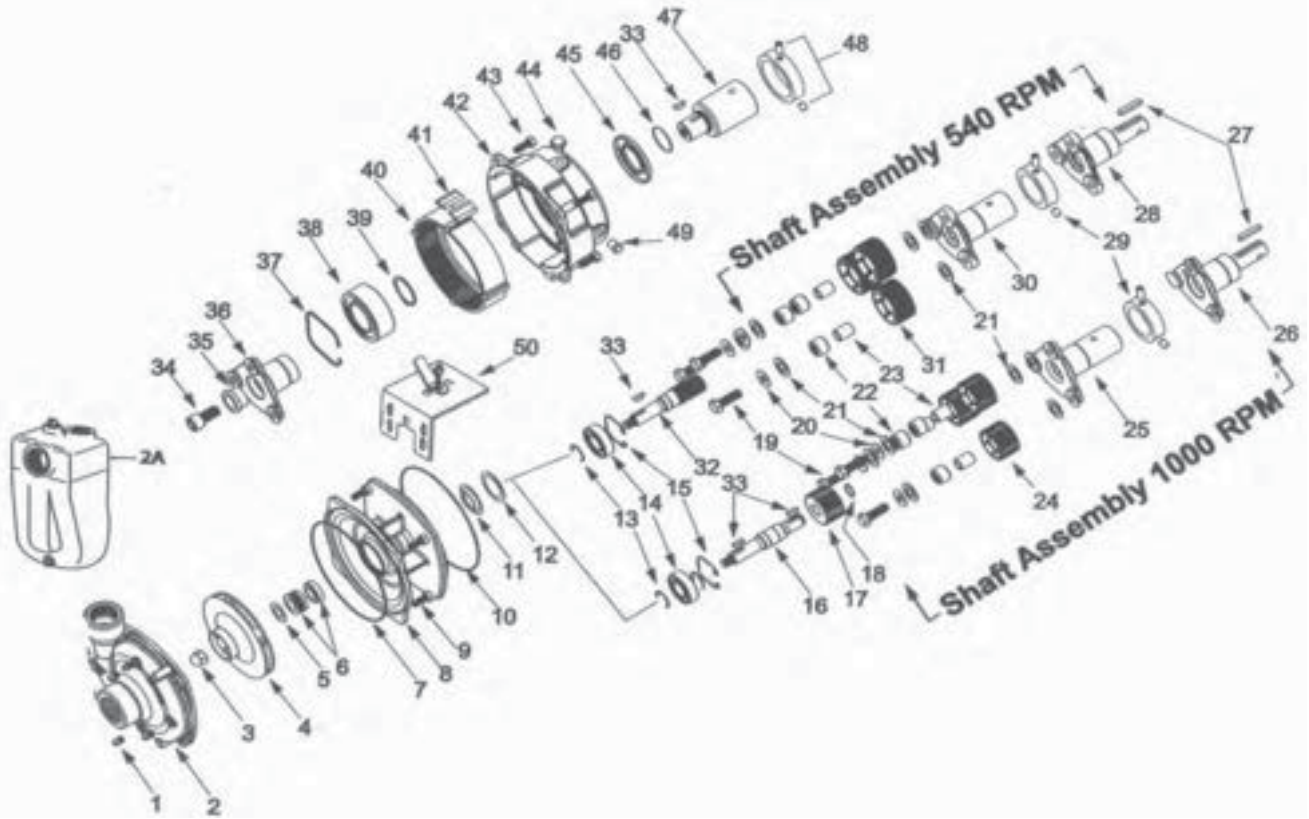
Models 1550, 1550-SP, 1550-BSP, 1551, 1551-SP, 1551-BSP



Ref.	Qty.	Part No.	Description	Price
1	4	2406-0007	Drain Plug	N/A
2	1	0153-9200C1	Pump Casing-Black	N/A
3	1	0404-9200P	Impeller (Nylon)	\$435.42
4	1	1700-0121	Gasket	\$12.99
5	1	1720-0180	O-Ring	\$6.18
6	1	2120-0034	Mechanical Seal - Viton	\$321.83
7	1	0707-9200C	Flange	\$457.22
8	1	2541-0037	Honda Engine (Model 1550)	N/A

Ref.	Qty.	Part No.	Description	Price
9	1	1410-0091	Slinger Ring	\$6.38
10	6	2210-0086	Bolt	\$1.66
11	4	2210-0098	Bolt	\$3.41
12	1	2406-0034	Priming Port Plug (Std.)	\$7.55
12	1	2406-0036	Priming Port Plug (BSP)	\$25.35
13	1	2406-0002	Drain Plug	\$3.83

9006C-O, 9006C-O-SP, 9016C-O, 9016C-O-SP, 9008C-O, 9018C-O, 9028C-O



Repair Kit

3430-0334 Includes Ref # 5, 6, 7 \$68.40

Gear Lube Requirement:
Phillube SAE 80W90 Oil

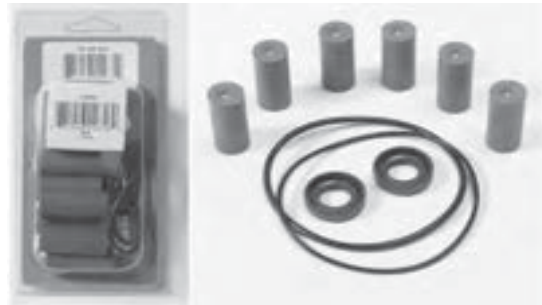
Ref.	Qty.	Part No.	Description	Price
1	4	2406-0007	Drain Plug	N/A
2	1	0150-9000C	Pump Casing	\$283.99
2A	1	3430-0480SP	Pump Casing (Self-Primer)	\$457.23
3	1	2253-0001	Impeller Nut	\$8.49
4	1	0400-9000P	Impeller (Nylon)	\$73.19
5	1	1700-0101	Gasket	\$7.44
6	1	2120-0010	Seal - Buna	N/A
6	1	2120-0011	Seal - Viton (Available in kit only)	N/A
7	1	1720-0083	O-Ring	\$4.51
8	1	0752-9000C	Mounting Flange Adapter	\$342.12
9	4	2210-0020	Hex Head Capscrew	\$1.20
10	1	1720-0139	O-Ring	\$4.39
11	1	2130-0018	Bearing Lip Seal	\$33.33
12	1	1700-0098	Gasket	\$1.32
13	*	1810-0013	Retaining Ring (1) Req. for 540rpm (2) for 1-3/8" & (3) 1-3/4" 1000rpm	\$1.30
14	1	2008-0001	Ball Bearing	\$19.98
15	1	1820-0025	Retaining Ring	\$5.12
16	1	0500-9002	Impeller Shaft (1000 rpm)	\$304.15
17	1	3900-0013	Sun Gear (1000 rpm)	\$251.14
18	1	1810-0011	Retaining Ring (1000 rpm)	\$1.66
19	3	2210-0046	Hex Head Capscrew	\$5.23
20	3	2270-0003	Washer	\$1.32
21	6	2265-0003	Thrust Washer	\$1.83
22	3	2007-0052	Bearing (included w/driver gear)	\$17.02
23	3	2007-0022	Bearing Inner Race	\$8.26
24	3	3900-0040	Driver Gear w/Bearing (1000rpm) 32 teeth, Dia. 2.13"	\$75.73

Ref.	Qty.	Part No.	Description	Price
25	1	0562-9002D	Driver Hub (9008C-O)	N/A
26	1	0501-9018D	Driver Hub (9018C-O)	\$349.58
27	1	1610-0005	Key	\$2.24
28	1	0501-9016D	Driver Hub (9016C-O)	\$278.92
29	1	3435-0058	Locking Collar Kit (Hallow Shaft)	\$65.34
30	1	0562-9000D	Driver Hub (9006C-O)	\$265.02
31		3900-0039	Driver Gear w/Bearing (540rpm) 39 trrth, Dia. 2.6"	\$21.00
32	1	3900-0010	Impeller Shaft/Pinion Gear (540rpm)	\$265.02
33	**	1610-0012	Woodruff Key (1) Req. for 540rpm (2) Req. for 1000rpm	\$1.62
34	1	2220-0035	Capscrew (9028C)	\$13.69
35	1	2403-0012	Bushing (9028C)	\$59.64
36	1	0501-9018D1	Driver Hub (9028C)	\$367.25
37	1	1800-0014	Retaining Ring	\$29.44
38	1	2005-0006	Ball Bearing	\$171.63
39	1	1810-0001	Retaining Ring	\$2.22
40	1	3900-0009	Ring Gear	\$105.39
41	8	1450-0004	Cushion Bumper	\$1.41
42	1	0754-9000C	Gear Caseing	\$230.96
43	4	2210-0026	Hex Head Capscrew	\$1.30
44	1	2404-0193	Breather Vent	\$28.80
45	1	2102-0025	Oil Seal	\$20.51
46	1	1720-0022	O-Ring	\$1.30
47	1	0550-1322F4	Driver Hub (9028C) 055-1322F 3/4" Grease Both Keyway Shaft	\$478.68
48	1	3430-0190	Locking Collar Kit (9028C)	N/A
49	4	2406-0019	Oil Plug	\$2.25
50	1	1520-0034	Mounting Clip	\$103.12

ROLLER PUMPS



RP-600C



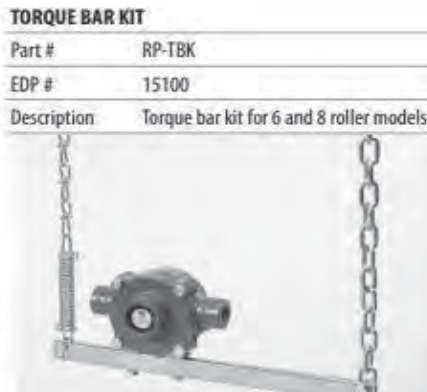
REPAIR KIT

6 ROLLER PUMPS

MODEL	EDP	DESCRIPTION	LBS	PRICE
RP-600C	15050	CAST IRON WITH 5/8" SHAFT COUNTERCLOCKWISE ROATATION FROM SHAFT END. MAX FLOW 21.8 GPM MAX PRESSURE 300 PSI	9	\$255.02
RP-600C-R	15051	SAME AS ABOVE. CLOCKWISE ROTATION FOR DIRECT COUPLING TO GAS ENGINE	9	\$263.22
RK-RP-600	14975	REPAIR KIT - INCLUDES SEALS, ORINGS & ROLLERS	1	\$56.58

Platinum Series

RP-600PL	15060	3/4" X 3/4" NPT, 5/8" SHAFT, COUNTERCLOCKWISE ROATATION FROM SHAFT END. MAX FLOW 21.8 GPM MAX PRESSURE 300 PSI	11	\$899.54
RP-600PL-R	15065	SAME AS ABOVE. CLOCKWISE ROTATION AVAILBLE FOR GAS ENGINE MOUNTING	11	\$907.74



TORQUE BAR KIT	
Part #	RP-TBK
EDP #	15100
Description	Torque bar kit for 6 and 8 roller models

ROLLER PUMPS



RP-800C



REPAIR KIT

8 ROLLER PUMPS

MODEL	EDP	DESCRIPTION	LBS	PRICE
RP-800C	15000	CAST IRON WITH 15/16" SHAFT. COUNTERCLOCKWISE ROTATION. MAX FLOW 22.5 GPM MAX PRESSURE 300 PSI	14	\$334.56
RP-800C-R	15001	SAME AS ABOVE. CLOCKWISE ROTATION FOR DIRECT COUPLING GAS ENGINE	14	\$342.76
RK-RP-800	14950	REPAIR KIT - INCLUDES SEALS, ORINGS & ROLLERS	1	\$78.31

Platinum Series

RP-800PL	15010	3/4" X 3/4" NPT, 15/16" SHAFT, COUNTERCLOCKWISE ROTATION FROM SHAFT END. MAX FLOW 22.5 GPM MAX PRESSURE 300 PSI	16	\$1,097.16
RP-800PL-R	15015	SAME AS ABOVE. CLOCKWISE ROTATION AVAILABLE FOR GAS ENGINE MOUNTING	16	\$1,105.36

ACCESSORIES

MODEL	EDP	DESCRIPTION	LBS	PRICE
BAC-10-RP6-QC	14880	MULTISPEED DIE CAST PTO QUICK COUPLER FOR 6 ROLLER PUMPS WITH 5/8" SHAFT	2	\$60.27
BAC-10-RP8-QC	14830	MULTISPEED DIE CAST PTO QUICK COUPLER FOR 8 ROLLER PUMPS WITH 15/16" SHAFT	2	\$64.17
RP-TBK	15100	TORQUE BAR KIT FOR 6 AND 8 ROLLER PUMPS	2	\$74.62
RP-BP6	15205	BASE PLATE FOR GAS ENGINE MOUNTING OF RP-600C-R MODELS	1	\$45.92
RP-BP8	15200	BASE PLATE FOR GAS ENGINE MOUNTING OF RP-800C-R MODELS	1	\$50.02

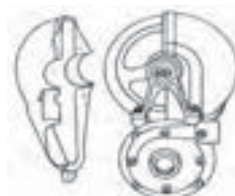


PTO Belt Driven Centrifugal Pumps



1-1/4" Suction x 1" Discharge

Model	EDP	Description	Price
PTOC-600-6SP	47620	Cast iron cent. for direct mount on 6 spline, 1-3/8" 540 RPM PTO shaft. Max. Flow: 65 gpm PSI: 80 psi	\$1,606.38
PTOC-600-QC	47640	Cast iron cent. w/ quick coupler for direct mount on 6 spline 1-3/8" 540 RPM PTO shaft. Max. Flow: 65 gpm PSI: 80 psi	\$1,623.60
PTOC-600-B	48400	Cast iron cent. w/ 1" stub shaft & mounting base for trailer mount with 540 RPM PTO shaft. Max. Flow: 65 gpm PSI: 80 psi	\$1,623.60
PTOC-1000-21SP	47800	Cast iron cent. for direct mount on 21 spline, 1-3/8" 1000 RPM PTO shaft. Max. Flow: 65 gpm PSI: 80 psi	\$1,628.52
PTOC-1000-20SP	47810	Cast iron cent. for direct mount on 20 spline, 1-3/4" 1000 RPM PTO shaft. Max. Flow: 65 gpm PSI: 80 psi	\$1,677.72
PTOC-1000-B	48505	Cast iron cent. w/ 1" stub shaft & mounting base for trailer mount with 1000 RPM PTO shaft. Max. Flow: 65 gpm PSI: 80 psi	\$1,623.60
FMC-MIA	47000	Cast iron cent. Pump only for PTOC models.	\$651.90



1-1/2" Suction x 1-1/4" Discharge

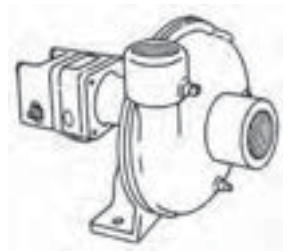
Model	EDP	Description	Price
PTOC-150-600-6SP	48404	Cast iron cent. for direct mount on 6 spline, 1-3/8" 540 RPM PTO shaft. Max. Flow: 100 gpm PSI: 110 psi	\$1,806.46
PTOC-150-600-6SPQC	48403	Cast iron cent. w/ quick coupler for direct mount on 6 spline 1-3/8" 540 RPM PTO shaft. Max. Flow: 100 gpm PSI: 110 psi	\$1,823.68
PTOC-150-600-B	48402	Cast iron cent. w/ 1" stub shaft & mounting base for trailer mount with 540 RPM PTO shaft. Max. Flow: 100 gpm PSI: 110 psi	\$1,823.68
PTOC-150-1000-21SP	47802	Cast iron cent. for direct mount on 21 spline, 1-3/8" 1000 RPM PTO shaft. Max. Flow: 100 gpm PSI: 110 psi	\$1,828.60
PTOC-150-1000-20SP	47812	Cast iron cent. for direct mount on 20 spline, 1-3/4" 1000 RPM PTO shaft. Max. Flow: 100 gpm PSI: 110 psi	\$1,877.80
PTOC-150-1000-B	48506	Cast iron cent. w/ 1" stub shaft & mounting base for trailer mount with 1000 RPM PTO shaft. Max. Flow: 100 gpm PSI: 110 psi	\$1,823.68
FMC-150-MIA	47008	Cast iron cent. Pump only for PTOC-150 models.	\$667.48



Hydraulic Driven Centrifugal Pumps

1" Suction x 3/4" Discharge

Model	EDP	Description	Price
FMC-75-HYD-204	49775	Driven by 4 gpm hyd motor with integral needle valve	\$1,108.64
FMC-75-HYD-206	49777	Driven by 7 gpm hyd motor with integral needle valve	\$1,108.64
FMC-75-HYD-206-PWM	49689	Driven by 7 gpm hyd motor PWM with integral needle valve	\$2,197.60



1-1/4" Suction x 1" Discharge

Model	EDP	Description	Price
FMC-HYD-202	49825	Cast iron cent. driven by a 2 gpm hyd motor with integral needle valve. Max flow: 75 GPM Max pressure: 100 PSI	\$1,373.50
FMC-HYD-203	49826	Cast iron cent. driven by a 3 gpm hyd motor with integral needle valve. Max flow: 75 GPM Max pressure: 100 PSI	\$1,373.50
FMC-HYD-204	49800	Cast iron cent. driven by a 4 gpm hyd motor with integral needle valve. Max flow: 75 GPM Max pressure: 100 PSI	\$1,357.92
FMC-HYD-206	49940	Cast iron cent. driven by a 7 gpm hyd motor with integral needle valve. Max flow: 75 GPM Max pressure: 100 PSI	\$1,357.92
FMC-HYD-210	49810	Cast iron cent. driven by a 10 gpm hyd motor with integral needle valve. Max flow: 75 GPM Max pressure: 100 PSI	\$1,357.92
FMC-HYD-304	49732	Cast iron cent. driven by a 13 gpm hyd motor with integral needle valve. Max flow: 75 GPM Max pressure: 100 PSI	\$1,398.92
FMC-HYD-310	49850	Cast iron cent. driven by a 16 gpm hyd motor with integral needle valve. Max flow: 75 GPM Max pressure: 100 PSI	\$1,398.92
FMC-HYD-LM	49830	Pump less motor for FMC-HYD-2xx models	\$1,055.34
FMC-HYD-310-LM	49855	Pump less motor for FMC-HYD-310 models	\$1,072.56

Hydraulic Driven Centrifugal Pumps



1-1/2" Suction x 1-1/4" Discharge

Model	EDP	Description	Price
FMC-150-HYD-206	49920	Cast iron cent. driven by a 7 gpm hyd motor with integral needle valve. Max flow: 120 GPM Max pressure: 120 PSI	\$1,392.36
FMC-150-HYD-210	49933	Cast iron cent. driven by a 10 gpm hyd motor with integral needle valve. Max flow: 120 GPM Max pressure: 120 PSI	\$1,392.36
FMC-150-HYD-304	49939	Cast iron cent. driven by a 13 gpm hyd motor with integral needle valve. Max flow: 120 GPM Max pressure: 120 PSI	\$1,601.46
FMC-150-HYD-306	49930	Cast iron cent. driven by a 16.5 gpm hyd motor with integral needle valve. Max flow: 120 GPM Max pressure: 120 PSI	\$1,765.40
FMC-150-HYD-310	49703	Cast iron cent. driven by a 20 gpm hyd motor with integral needle valve. Max flow: 120 GPM Max pressure: 120 PSI	\$1,732.66

Inlet 220 Flange or 1-1/2" FNPT Outlet 200 Flange or 1-1/4" FNPT

FMC-150F-HYD-206	49942	Cast iron cent. driven by a 7 gpm hyd motor with integral needle valve. Max flow: 135 GPM Max pressure: 120 PSI	\$1,449.76
FMCSC-150F-HYD-206-PWM	50079	Cast iron cent. driven by a 7 gpm hyd motor PWM with integral needle valve. Max flow: 135 GPM Max pressure: 120 PSI	\$2,623.18
FMC-150F-HYD-304	49960	Cast iron cent. driven by a 13 gpm hyd motor with integral needle valve. Max flow: 135 GPM Max pressure: 120 PSI	\$1,658.86
FMCSC-150F-HYD-304-PWM	50054	Cast iron cent. driven by a 13 gpm hyd motor PWM with integral needle valve. Max flow: 135 GPM Max pressure: 120 PSI	\$2,832.28
FMC-150F-HYD-306	50134	Cast iron cent. driven by a 16.5 gpm hyd motor with integral needle valve. Max flow: 135 GPM Max pressure: 120 PSI	\$1,790.06
FMC-150F-HYD-310	49964	Cast iron cent. driven by a 20 gpm hyd motor with integral needle valve. Max flow: 135 GPM Max pressure: 120 PSI	\$1,790.06
FMC-150FS-HYD-206	49965	316 Stainless cent. driven by a 7 gpm hyd motor with integral needle valve. Max flow: 135 GPM Max pressure: 120 PSI	\$2,514.12

1-1/2" Suction x 1-1/4" Discharge

FMC-150SP-HYD-206	49956	Cast iron cent. driven by a 7 gpm hyd motor with integral needle valve. Max flow: 130 GPM Max pressure: 120 PSI	\$1,917.16
FMC-150-HYD-LM	49921	Pump less motor for FMC-150-HYD-206	\$1,090.60
FMC-150F-HYD-LM	49944	Pump less motor for FMC-150F-HYD-206	\$1,148.00

Ace Hydraulic Driven Centrifugal Pumps

200 SERIES
HIGH FLOW



2" Suction x 1-1/2" Discharge

Model	EDP	Description	Price
FMC-200-HYD-210	49840	Cast iron cent. driven by a 10 gpm hyd motor with integral needle valve. Max flow: 180 GPM Max pressure: 80 PSI	\$1,634.26
FMC-200-HYD-304	49859	Cast iron cent. driven by a 13 gpm hyd motor with integral needle valve. Max flow: 200 GPM Max pressure: 120 PSI	\$1,649.84
FMC-200-HYD-306	49738	Cast iron cent. driven by a 16.5 gpm hyd motor with integral needle valve. Max flow: 200 GPM Max pressure: 120 PSI	\$1,649.84
FMC-200-HYD-310	49860	Cast iron cent. driven by a 25.5 gpm hyd motor with integral needle valve. Max flow: 200 GPM Max pressure: 120 PSI	\$1,749.06

300 Flange Suction x 220 Flange Discharge

FMC-200F-HYD-304	49980	Cast iron cent. driven by a 13 gpm hyd motor with integral needle valve. Max flow: 240 GPM Max pressure: 120 PSI	\$1,782.68
FMCS-200F-HYD-304-PWM	50004	Cast iron cent. driven by a 13 gpm hyd motor PWM with integral needle valve. Max flow: 240 GPM Max pressure: 120 PSI	\$2,871.64
FMC-200F-HYD-310	50201	Cast iron cent. driven by a 25.5 gpm hyd motor with integral needle valve. Max flow: 240 GPM Max pressure: 120 PSI	\$1,881.90

2" Suction x 1-1/2" Discharge

FMC-200SS-HYD-304	50060	316 Stainless Steel wet end cent. Pump driven by 11 GPM Hyd. Motor with integral needle valve. Includes stainless impeller. Max. flow: 200 GPM Max. pressure: 120 PSI	\$2,255.82
FMCS-200-HYD-307	49885	Cast iron cent. driven by a 16 gpm hyd motor with integral needle valve. With Silicon Carbide Seal Max flow: 200 GPM Max pressure: 100 PSI	\$1,751.52
FMC-200-HYD-310	49860	Cast iron cent. driven by a 16 gpm hyd motor with integral needle valve. Max flow: 200 GPM Max pressure: 100 PSI	\$1,749.06
FMC-200-HYD-LM	49842	Pump less motor for FMC-200-HYD-210	\$1,167.68
FMC-200-HYD-300-LM	49865	Pump less motor for FMC-200-HYD-304 & 310	\$1,184.90
FMC-200F-HYD-300-LM	49989	Pump less motor for FMC-200F-HYD-304	\$1,317.44

Ace Hydraulic Driven Centrifugal Pumps

205 SERIES
HIGH FLOW



3" Suction x 220 Discharge

Model	EDP	Description	Price
FMCS-205F-HYD-304	50033	Cast iron cent. Driven by a 13 gpm hyd motor with integrated needle valve. Max flow: 240 GPM Max pressure: 120 PSI	\$1,867.14
FMCS-205F-HYD-304-PWM	50044	Cast iron cent. Driven by a 13 gpm hyd motor PWM with integrated needle valve. Max flow: 240 GPM Max pressure: 120 PSI	\$2,956.10
FMCS-205F-HYD-306	50126	Cast iron cent. Driven by a 16.5 gpm hyd motor with integrated needle valve. Max flow: 240 GPM Max pressure: 120 PSI	\$1,867.14
FMCS-205F-HYD-310	50099	Cast iron cent. Driven by a 25.5 gpm hyd motor with integrated needle valve. Max flow: 240 GPM Max pressure: 120 PSI	\$1,966.36
FMCS-205FS-HYD-304	50037	316 stainless steel centrifugal driven by a 13 gpm hydraulic motor with integrated needle valve includes stainless impeller. Max flow: 240 GPM Max pressure: 120 PSI	\$3,047.94

220 Flange x 220 Flange

FMCS-225F-HYD-304	50170	Cast iron cent. Driven by a 13 gpm hyd motor with integrated needle valve. Max flow: 220 GPM Max Pressure: 120 PSI	\$1,867.14
FMCS-225F-HYD-306		Cast iron cent. Driven by a 16.5 gpm hyd motor with integrated needle valve. Max flow: 220 GPM Max Pressure: 130 PSI	\$1,867.14
FMCS-225F-HYD-310		Cast iron cent. Driven by a 25.5 gpm hyd motor with integrated needle valve. Max flow: 220 GPM Max Pressure: 130 PSI	\$1,980.00

Wet Seal

FMCWS-225F-HYD-304	50175	Cast iron cent. Driven by a 13 gpm hyd motor with integrated needle valve. Max flow: 220 GPM Max Pressure: 120 PSI	\$2,475.58
FMCWS-225F-HYD-304-PWM	50174	Cast iron cent. Driven by a 13 gpm hyd motor PWM with integrated needle valve. Max flow: 220 GPM Max Pressure: 120 PSI	\$3,582.58
FMCWS-225F-HYD-306		Cast iron cent. Driven by a 16.5 gpm hyd motor with integrated needle valve. Max flow: 220 GPM Max Pressure: 130 PSI	\$2,475.58
FMCWS-225F-HYD-310		Cast iron cent. Driven by a 25.5 gpm hyd motor with integrated needle valve. Max flow: 220 GPM Max Pressure: 130 PSI	\$2,574.80

Ace Hydraulic Driven Centrifugal Pumps

1-1/2" (220 Flange) Suction x 1-1/4" (200 Flange) Discharge

Model	EDP	Description	Price
FMC-650-HYD <i>Not Wet Seal</i>	49951	E-coated cast iron cent. driven by a 14.5 gpm Hyd. Motor. Max flow: 140 GPM Max pressure: 160 PSI	\$2,033.60
FMC-650F-HYD <i>Not Wet Seal</i>	49954	E-coated cast iron cent. driven by a 14.5 gpm Hyd. Motor. Max flow: 170 GPM Max pressure: 160 PSI	\$2,166.44
FMC-650F-HYD-PWM	50072	E-coated cast iron cent. driven by a 14.5 gpm Hyd. Motor PWM Max flow: 170 GPM Max pressure: 160 PSI	\$3,479.26

300 Flange Inlet x 220 Flange Outlet

Model	EDP	Description	Price
FMC-750F-HYD-M22 <i>Wet Seal</i>	50020	E-coated cast iron cent. driven by a 18 gpm Hyd. Motor. Max flow: 290 GPM Max pressure: 150 PSI	\$3,928.62
FMC-750F-hyHYD-M22-PWM <i>Wet Seal</i>	50076	E-coated cast iron cent. driven by a 18 gpm PWM Hyd. Motor. Max flow: 290 GPM Max pressure: 150 PSI	\$5,436.60
FMC-750F-HYD-M25 <i>Wet Seal</i>	50021	E-coated cast iron cent. driven by a 20 gpm Hyd. Motor. Max flow: 290 GPM Max pressure: 150 PSI	\$3,928.62

300 Flange Inlet x 300 Flange Outlet

Model	EDP	Description	Price
FMC-855F-HYD	50001	E-coated cast iron centrifugal driven by a 23 GPM Hyd. Motor Max. flow: 345 GPM Max pressure: 150 PSI	\$7,882.66

FMC-650-HYD

FMC-750F-HYD-__



FMC-855F-HYD



Gemini Dual Pump Kit

Run two products at the same time, at different rates

Operates two pumps independently

Use on tractors with Load Sensing or Pressure Compensated hydraulic systems

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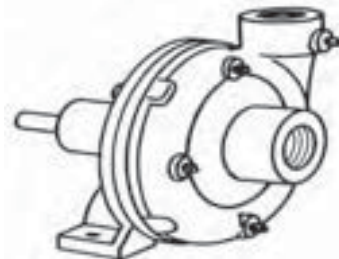
Frame Mounted Centrifugal Pumps



Clockwise Rotation (when facing shaft)

Model	EDP	Description	Price
FMC-CW	47190	1-1/4" x 1" Cast iron frame mounted cent. for belt drive applications. Max. Flow: 75 GPM Max. PSI: 120	\$637.96
FMC-CW-150	47200	1-1/2" x 1-1/4" Cast iron frame mounted cent. for belt drive applications. Max. Flow: 80 GPM Max. PSI: 100	\$651.08
FMC-CW-650	47060	1-1/2" x 1-1/4" e-coated cast iron frame mounted cent. for belt drive applications. Max. Flow: 140 GPM Max. PSI: 160	\$1,377.60
FMC-CW-200	47400	2" x 1-1/2" cast iron frame mounted cent. for belt drive applications. Max. Flow: 180 GPM Max. PSI: 100	\$860.18
FMC-CW-800-DRB	47550	2" x 1-1/2" cast iron frame mounted cent. for belt drive applications. Max. Flow: 180 GPM Max. PSI: 170	\$1,823.68
FMC-CW-75	46825	1" x 3/4" Polypropylene Max. Flow: 25 GPM Max. PSI: 100	\$580.56
FMC-CW-75SP	46821	1: x 3/4" Polypropylene Max. Flow: 25 GPM Max. PSI: 100	\$625.66
FMC-CW-150	47200	1-1/2" x 1-1/4" Cast Iron Max Flow: 80 GPM Max. PSI: 100	\$651.08
FMCWS-CW-650	47058	1-1/2" x 1-1/4" E-Coated Cast Iron Max. Flow: 140 GPM Max. PSI: 160	\$2,200.88

FMC-CW-75





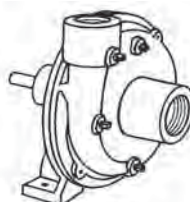
Frame Mounted Centrifugal Pumps

Counter Clockwise Rotation (when facing shaft)

Model	EDP	Description	Price
FMC	46800	1-1/4" x 1" Cast iron frame mounted cent. for belt drive applications. Max. Flow: 75 GPM Max. PSI: 120	\$637.96
FMC-150	46804	1-1/2" x 1-1/4" Cast iron frame mounted cent. for belt drive applications. Max. Flow: 130 GPM Max. PSI: 120	\$653.54
FMC-150SP	46820	1-1/2" x 1-1/4" Cast iron frame mounted self-priming for belt drive applications. Max. Flow: 120 GPM Max. PSI: 120	\$1,178.34
FMC-650	47050	1-1/2" x 1-1/4" e-coated cast iron frame mounted cent. for belt drive applications. Max. Flow: 140 GPM Max. PSI: 160	\$1,377.60
FMC-650F	47052	220 flange & 1-1/2" inlet x 200 flange & 1-1/4" outlet e-coated cast iron frame mount for belt drive. Max. Flow: 170 GPM Max. PSI: 160	\$1,510.44
FMC-CW-200	47403	2" x 1-1/2" cast iron frame mounted cent. for belt drive applications. Max. Flow: 180 GPM Max. PSI: 120	\$860.18
FMC-150FS	46830	220 flange & 1-1/2" x 1-1/4" 316 stainless steel Max. Flow: 135 GPM Max PSI: 120	\$1,775.30
FMC-650FS	50042	220 Flange & 1-1/2" x 200 Flange & 1-1/4" E-coated cast iron frame Max. Flow: 140 GPM Max. PSI: 160	\$2,529.70
FMCWS-650	47054	1-1/2" x 1-1/4" E-Coated cast iron frame Max Flow: 140 GPM Max. PSI: 160	\$2,200.88
FMCWS-650F	47057	220 flange & 1-1/2" x 200 flange & 1-1/4" E-coated cast iron frame Max. Flow 140 GPM Max. PSI: 160	\$2,333.72
FMCWS-650FS	50043	220 Flange & 1-1/2" x 200 Flange & 1-1/4" 316 Stainless Steel Max Flow: 140 GPM Max. PSI: 160	\$3,352.98
FMC-200	47403	2" x 1-1/2" E-Coated cast iron Max. Flow: 200 GPM Max. PSI: 120	\$858.54
FMC-200SS-X	47460	2" x 1-1/2" 316 Stainless Steel Max. Flow: 200GPM Max PSI: 120	\$1,518.64
FMC-750F	47070	300 Flange x 220 Flange E-Coated Cast Iron Max. Flow: 290 GPM Max. PSI: 150	\$2,604.32



FMC-650



FMCWS-650FS



Magnetic Clutch Centrifugal Pumps



Clockwise Rotation (when facing shaft)

Model	EDP	Description	Price
FMC-CW-MAG-D	47195	1-1/4" x 1" Cast iron frame mounted cent. with heavy duty 12V DC clutch for belt drive. Max. Flow: 75 gpm Max. PSI: 120 psi	\$1,258.70
FMC-CW-150-MAG-D	47237	1-1/2" x 1-1/4" Cast iron frame mounted cent. With heavy duty 12V DC clutch for belt drive. Max. Flow: 80 gpm Max. PSI: 100 psi	\$1,265.26
FMC-CW-150-MAG-DX3 (Spra-Coupe)	47250	Replacement pump for Spra-Coupe models: 3430,3440,3630,3640,4440, & 4640 Max. Flow: 80 gpm Max. PSI: 100 psi	\$1,319.38
FMC-CW-650-MAG-D	47061	1-1/2" x 1-1/4" e-coated cast iron frame mounted cent. with heavy duty 12V DC clutch for belt drive. Max. Flow: 140 GPM Max. PSI: 160 psi	\$2,182.84
FMC-CW-200-MAG-D	47440	2" x 1-1/2" cast iron frame mounted cent. with heavy duty 12V DC clutch for belt drive. Max. Flow: 180 gpm Max. PSI: 100 psi	\$1,539.96
FMC-CW-800-MAG-D	47570	2" x 1-1/2" cast iron frame mounted cent. with heavy duty 12V DC clutch for belt drive. Max. Flow: 180 gpm Max. PSI: 170 psi	\$3,159.46

Counter Clockwise Rotation (when facing shaft)

Model	EDP	Description	Price
FMC-MAG-D	47040	1-1/4" x 1" Cast iron frame mounted cent. with heavy duty 12V DC clutch for belt drive. Max. Flow: 75 gpm Max. PSI: 120 psi	\$1,258.70
FMC-150-MAG-D	47030	1-1/2" x 1-1/4" Cast iron frame mounted cent. with heavy duty 12V DC clutch for belt drive. Max. Flow: 130 gpm Max. PSI: 120 psi	\$1,265.26
FMC-150SP-MAG-D	47037	1-1/2" x 1-1/4" Cast iron frame mounted self-primer with heavy duty 12V DC clutch for belt drive. Max. Flow: 120 gpm Max. PSI: 120 psi	\$1,790.06
FMC-650-MAG-D	47055	1-1/2" x 1-1/4" e-coated cast iron frame mounted cent. with heavy duty 12V DC clutch for belt drive. Max. Flow: 140 GPM Max. PSI: 160 psi	\$2,182.84
FMC-650F-MAG-D	47056	220 flange & 1-1/2" inlet x 200 flange & 1-1/4" outlet e-coated cast iron frame mount with HD 12V clutch Max. Flow: 170 GPM Max. PSI: 160 psi	\$2,315.68
FMC-200-MAG-D	47430	2" x 1-1/2" cast iron frame mounted cent. with heavy duty 12V DC clutch for belt drive. Max. Flow: 180 gpm Max. PSI: 120 psi	\$1,547.34
FMC-200-MAG-DX	47423	2" x 1-1/2" cast iron frame mounted cent. with heavy duty 12V DC clutch for belt drive. 3/4" shaft Max. Flow: 180 gpm Max. PSI: 120 psi	\$1,601.46
FMC-650FS-MAG-D	47076	220 Flange & 1-1/2" x 200 Flange & 1-1/4" 316 Stainless Steel Max. Flow: 170 GPM Max. PSI: 160	\$3,334.94
FMCWS-650F-MAG-D	47063	220 Flange & 1-1/2" x 200 Flange & 1-1/4" E-Coated Cast Iron Max. Flow: 170 GPM Max. PSI: 160	\$3,138.96
FMCWS-650FS-MAG-D	47068	220 Flange & 1-1/2" x 200 Flange & 1-1/4" 316 Stainless Steel Max. Flow: 170 GPM Max PSI: 160	\$4,158.22
FMC-200SS-MAG-DX	47433	2" x 1-1/2" 316 Stainless Steel Max. Flow: 200 GPM Max PSI: 120	\$2,207.44

Pro 5 Series Hydraulic Driven Centrifugal Pumps



125 Pro 5 Series

1-1/4" Suction x 1" Discharge



FMCSC-125-HYD-204



FMCWS-125-HYD-206

Model	EDP	Description	Price
FMCSC-125-HYD-204	50111	Cast iron centrifugal pump with a silicone Carbide driven by a 4 gpm hyd motor Max flow: 92 GPM Max pressure: 120 PSI	\$1,467.80
FMCSC-125-HYD-206	50112	Cast iron centrifugal pump with a silicone carbide seal driven by a 7 gpm hyd motor with integral needle valve. Max flow: 110 GPM Max pressure: 120 PSI	\$1,467.80
FMCSC-125-HYD-206-PWM	50113	Cast iron centrifugal pump with a silicone carbide seal driven by a 7 gpm hyd motor Max flow: 110 GPM Max pressure: 120 PSI Integrated 12 V Proportional Control Valve and Pressure relief vavle for use in precision applications using pulse width modulated control system	\$2,556.76
FMCWS-125-HYD-204	50092	Cast iron centrifugal pump with a wet seal assembly driven by a 4 gpm hyd motor . Max flow: 92 GPM Max pressure: 120 PSI	\$2,059.84
FMCWS-125-HYD-206	50094	Cast iron centrifugal pump with a wet seal assembly driven by a 7 gpm hyd motor Max flow: 110 GPM Max pressure: 120 PSI	\$2,059.84
FMCWS-125-HYD-206-PWM	50093	Cast iron centrifugal pump with a wet seal assembly driven by a 7 gpm hyd motor . Max flow: 110 GPM Max pressure: 120 PSI Integrated 12 V Proportional Control Valve and Pressure relief valve for use in precision applications using pulse width modulated control system	\$3,148.80

155 Pro 5 Series



FMCWS-155F-HYD-206-PWM

Model	EDP	Description	Price
FMCSC-155F-HYD-206 Inlet 220 Flange, outlet flange 200 1-1/2" Inlet x 1-1/4" outlet	50114	Cast iron centrifugal pump with a silicone carbide seal driven by a 7 gpm hyd motor Max flow: 145 GPM Max pressure: 130 PSI	\$1,541.60
FMCSC-155F-HYD-206-PWM Inlet 220 Flange, Outlet 200 Flange 1-1/2" Inlet x 1-1/4" outlet	50115	Cast iron cent. driven by a 7 gpm hyd motor Max flow: 145 GPM Max pressure: 120 PSI Integrated 12 V Proportional Control Valve and Pressure relief valve for use in precision applications using pulse width modulated control system	\$2,646.96
FMCSC-155F-HYD-304 Inlet 220 Flange, outlet flange 200 1-1/2" Inlet x 1-1/4" outlet	50116	Cast iron centrifugal pump with a silicone carbide seal driven by a 9 gpm hyd motor Max flow: 155 GPM Max pressure: 130 PSI	\$1,713.80
FMCSC-155F-HYD-304-PWM Inlet 220 Flange, outlet flange 200 1-1/2" Inlet x 1-1/4" outlet	50117	Cast iron cent. driven by a 9 gpm hyd motor Max flow: 155 GPM Max pressure: 130 PSI Integrated 12 V Proportional Control Valve and pressure relief valve for use in precision applications using pulse width modulated control system	\$2,802.76
FMCWS-155F-HYD-206 Inlet 220 Flange, outlet flange 200 1-1/2" Inlet x 1-1/4" outlet	50095	Cast iron centrifugal pump with a wet seal assembly driven by a 7 gpm hyd motor Max flow: 145 GPM Max pressure: 120 PSI	\$2,150.04
FMCWS-155F-HYD-206-PWM Inlet 220 Flange, Outlet 200 Flange 1-1/2" Inlet x 1-1/4" outlet	50096	Cast iron centrifugal pump with a wet seal assembly driven by a 7 gpm hyd motor . Max flow: 145 GPM Max pressure: 120 PSI Integrated 12 V Proportional Control Valve and Pressure relief valve for use in precision applications using pulse width modulated control system	\$3,239.00
FMCWS-155F-HYD-304 Inlet 220 Flange, outlet flange 200 1-1/2" Inlet x 1-1/4" outlet	50097	Cast iron centrifugal pump with a wet seal assembly driven by a 9 gpm hyd motor . Max flow: 155 GPM Max pressure: 130 PSI	\$2,301.74
FMCWS-155F-HYD-304-PWM Inlet 220 Flange, outlet flange 200 1-1/2" Inlet x 1-1/4" outlet	50098	Cast iron centrifugal pump with a wet seal assembly driven by a 9 gpm hyd motor . Max flow: 155 GPM Max pressure: 130 PSI Integrated 12 V Proportional Control Valve and Pressure relief valve for use in precision applications using pulse width modulated control system	\$3,390.70



Gasoline Engine Driven Centrifugal Pumps

These Pumps attach to economical keyed shaft engines and provide higher spraying pressure at normal engine speed



GE-75
5/8" Keyed Shaft
3 or 3.5 HP



GE-660
3/4" Keyed Shaft 5.5
HP



GE-860
1" Keyed Shaft
8 HP

1" Suction x 3/4" Discharge

Model	EDP	Description	Price
GE-75-LE	60010	Poly cent. Pump less engine. Mounts directly on 5/8" keyed shaft engine. Max Flow: 25 gpm Max PSI: 70 PSI	\$336.20
GE-75-HONDA - Pump Only	60015	GE-75 mounted on a 3 HP Honda Max Flow: 25 GPM Max PSI: 70 PSI	N/A
GE-85-LE	60011	Poly cent. Pump less engine. Mounts directly on 3/4" keyed shaft engine. Max Flow: 22.5 gpm Max PSI: 57 PSI	\$336.20
BAC-7SC-660V	30226	Silicone carbide seal adder for GE-85 models.	\$203.36
GE-85-HONDA	60014	Pump; 3 HP Engine; 1"x 3/4"; Poly	\$1,922.90



1-1/4" Suction x 1" Discharge

Model	EDP	Description	Price
GE-100-A-LE	60021	Cast iron cent. Pump less engine. Mounts directly on 5/8" UNF threaded engine shaft. Max Flow: 50 gpm Max PSI: 50	\$765.06
GE-100-A	60400	GE-100-A pump mounted on 3.5 HP Briggs Max Flow: 50 gpm Max PSI: 50	\$1,663.78

Gasoline Engine Driven Centrifugal Pumps



1-1/2" Suction x 1-1/4" Discharge

Model	EDP	Description	Price
GE-650-LE	61151	Cast iron cent. Pump less engine. Mounts directly on a 5/8" UNF threaded engine shaft Max Flow: 110 gpm Max PSI: 120 PSI	\$943.00
GE-650-HONDA	61150	GE-650 mounted on a 5.5 HP Honda	N/A
GE-660-LE	61160	Cast iron cent. Pump less engine. Mounts directly on a 3/4" keyed engine. Max Flow: 110 gpm Max PSI: 120 PSI	\$703.56
GE-660-BRIGGS	61164	GE-660 mounted on a 5.5 HP Briggs	\$2,113.96
GE-660-HONDA	61163	GE-660 mounted on a 5.5 HP Honda	\$2,428.02
BAC-7SC-660V	30226	Silicone carbide seal adder for GE-660 models.	\$203.36
-ES		Electric start engine for GE-660 only	Call



2" Suction x 1-1/2" Discharge

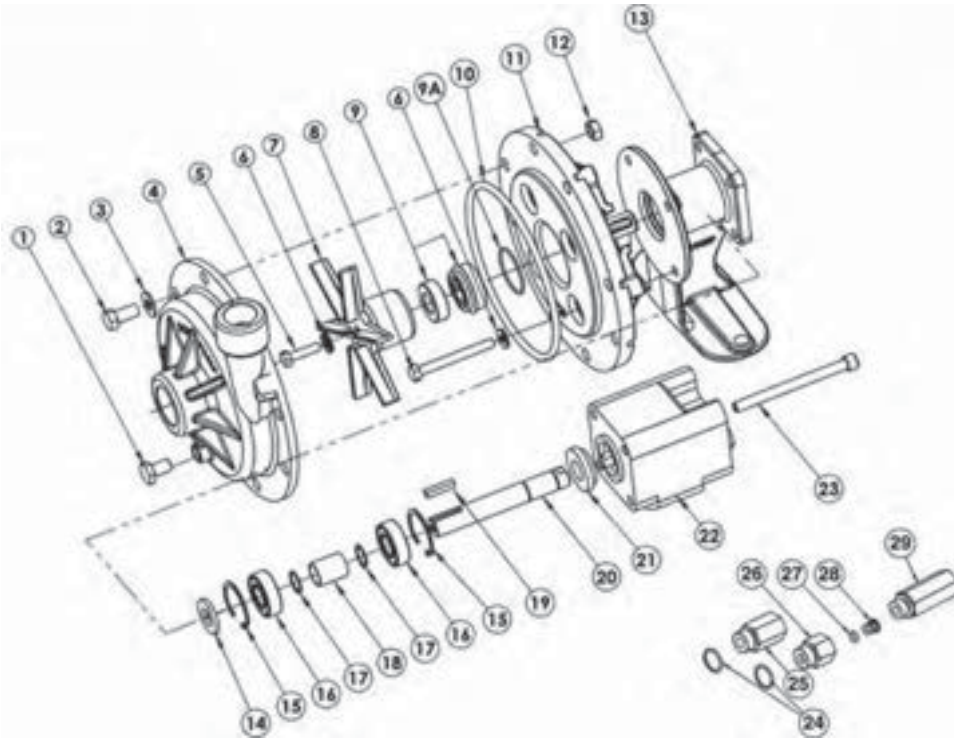
Model	EDP	Description	Price
GE-800-LE	61205	Cast iron cent. Pump less engine. Mounts directly on a 1" UNF threaded engine shaft Max Flow: 140 gpm Max PSI: 140 PSI	\$1,444.84
GE-800-HONDA	61200	GE-800 mounted on a 8 HP Honda	N/A
GE-860-LE	61203	Cast iron cent. Pump less engine. Mounts directly on a 1" keyed engine. Max Flow: 140 gpm Max PSI: 140 PSI	\$1,376.78
GE-860-HONDA	61207	GE-860 mounted on a 8 HP Honda	\$4,221.36
-ES		Electric start engine for GE-860 only	Call



2-1/2" Suction x 2" Discharge

Model	EDP	Description	Price
GE-1600-LE	61211	Cast iron cent. Pump less engine. Mounts directly on a 1" UNF threaded engine. Max Flow: 280 gpm Max PSI: 120 PSI	\$1,915.52

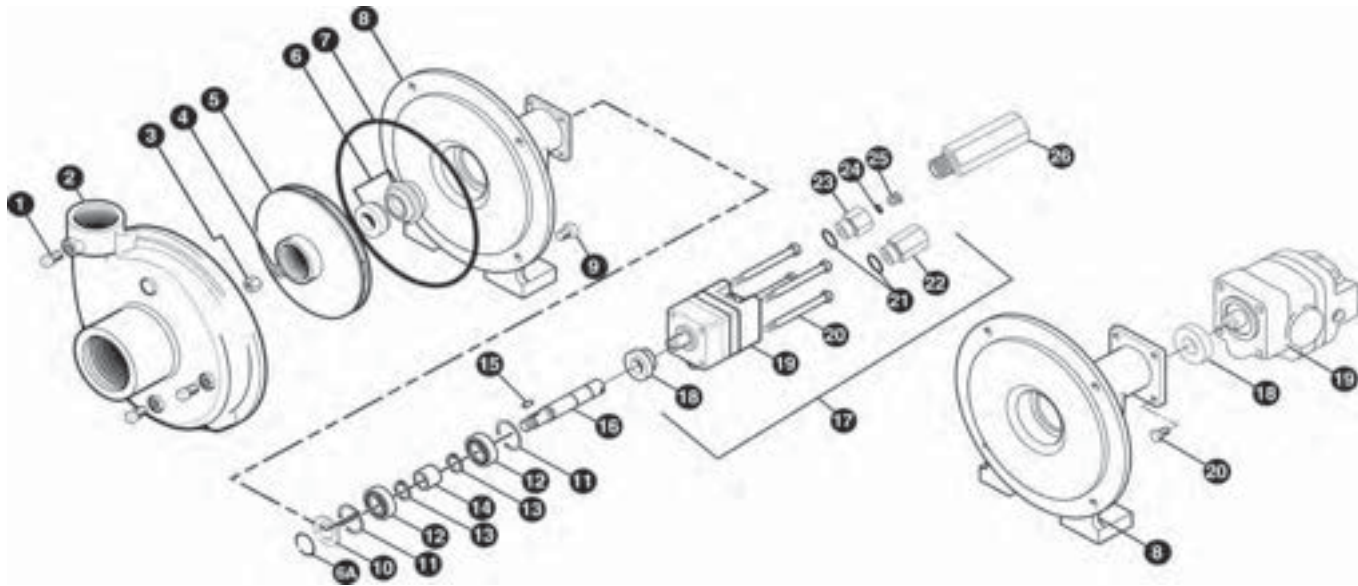
FMC-75-HYD



REF #	Part Number	EDP #	Description	Req.	Price
1	BAC-53-P	41109	Pipe plug, 1/8" NPT, plastic	1	\$2.26
2	80250	80250	Cap screw, 3/8"-16 x 7/8", hex head	8	\$2.46
3	42701	42701	Washer, 3/8" flat	8	\$1.03
4	GE-12-75	42700	Volute, 3/4" x 1", polypropylene	1	\$133.66
5	42240	42240	Cap screw, 1/4"-28 x 1", hex, stainless steel	1	\$3.49
6	30028	30028	Washer, sealing	5	\$2.26
7	GE-26-75	42710	Impeller, with keyway, polypropylene	1	\$62.94
8	42238	42238	Cap screw, 5/16"NF x 2-1/4"	4	\$3.28
9	BAC-7-75V	42730	Seal, 5/8", Viton®/carbon/ceramic	1	\$50.84
9	BAC-7SC-75V	42731	Seal, 5/8", Viton®/silicon carbide (optional)	1	\$164.82
9A	40159	40159	"O" Ring, seal seat	1	\$1.44
10	40017	40017	"O" Ring, volute seal	1	\$14.35
11	GE-14-75	42720	Bracket, polypropylene	8	\$144.32
12	BAC-45	41010	Nut, hex, 3/8"	1	\$1.30
13	BAC-14-75-HYD	40293	Mounting frame (for BAC-75-HYD-204R, 206R hydraulic motor)	1	\$281.26
14	BAC-54	41130	Slinger	2	\$2.46
15	BAC-33	40810	Snap ring, internal, BAC-14 mounting frame	2	\$2.26
16	BAC-37	40870	Bearing, BAC-6 driven shaft	2	\$20.91
17	BAC-32	40790	Snap ring, external, BAC-6 driven shaft	1	\$1.23
18	BAC-32-S	40795	Spacer for BAC-6 shaft	1	\$6.36
19	41082	41082	Key, 3/16" x 3/16" x 15/16"	1	\$1.44
20	BAC-6-75-HYD-SS	40048	Shaft, 5/8" Driven shaft with tang slot, stainless steel	1	\$132.02
21	S200	40161	Seal support spacer for 200 series hydraulic lip seal	1	\$10.25
22	BAC-75-HYD-204R	41437	Hydraulic motor, 4 GPM	1	\$700.28
22	BAC-75-HYD-206R	41438	Hydraulic motor, 7 GPM	4	\$684.70
23	41253	41253	Cap screw, 5/16" NC x 3 1/2" socket head (for 204 motor)	4	\$2.26
23	41255	41255	Cap screw, 5/16" NC x 3 3/4" socket head (for 206 motor)	2	\$2.26
24	41875	41875	O-ring, #8 SAE fitting	1	\$1.44
25	BAC-78-8SAE	41441	Reverse check assembly, #8 SAE male x 1/2" NPT female 1	1	\$30.34
26	BAC-80-8SAE	41455	Body, restrictor orifice, #8 SAE male x 1/2" NPT female	1	\$23.78
27	41448	41448	O-ring, orifice insert	1	\$1.44
28	BAC-79-5	41457	Orifice, restrictor insert, .078 (204)	1	\$11.89
28	BAC-79-7	41456	Orifice, restrictor insert, .109 (206)	1	\$11.89
29	LS-204N	41417	Flow limiting valve (204), #8 SAE male x 1/2" NPT female	1	\$94.30
29	LS-206N	41418	Flow limiting valve (206), #8 SAE male x 1/2" NPT female	1	\$94.30
-	RK-GE-75	60840	1/2" NPT female 1 j RK-GE-75 60840 R	-	\$77.90
-	RK-GESC-75	60841	Repair kit for FMC-75-HYD series with silicon carbide shaft seal	-	\$191.88
-	RK-BAC-75-HYD-L	43174	Repair kit for 200 series motor	-	\$66.01

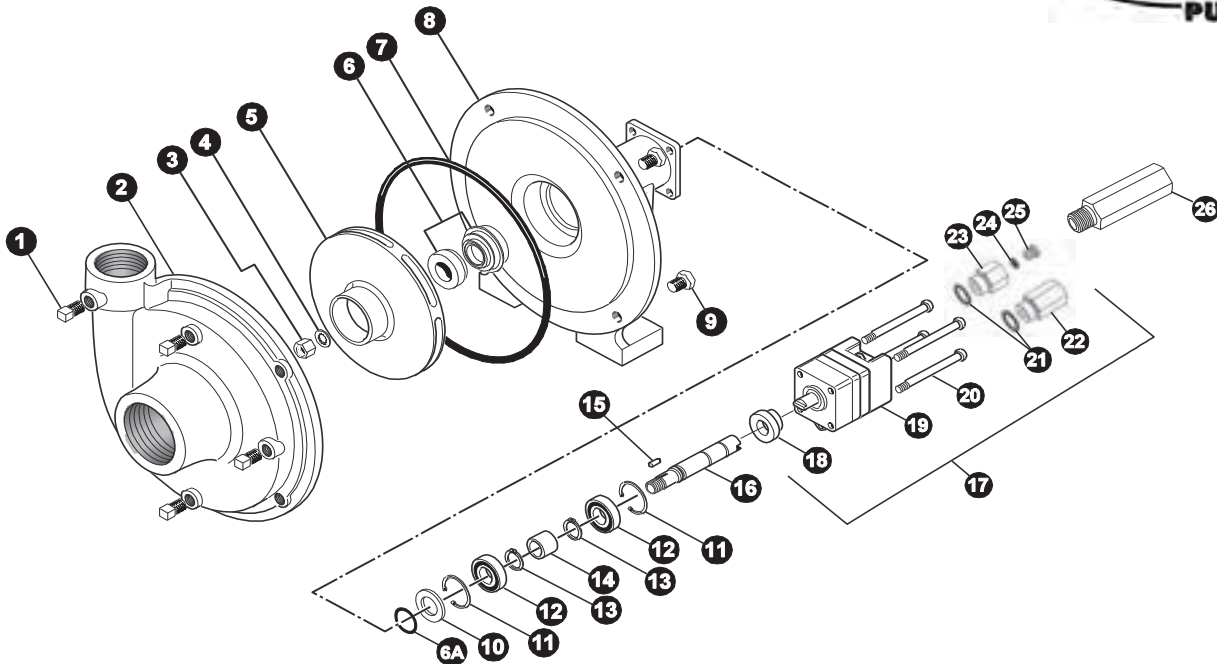
FMC-HYD

Models FMC-HYD 204, 210 & 310



REF. NO.	PART NO.	EDP NO.	DESCRIPTION	REQ.	Price
1	BAC-53	41110	Pipe Plug	3	\$0.82
1	41120	41120	Pipe Plug Stainless Steel (opt)	3	\$5.33
2	BAC-12	40250	Volute, 1-1/4" x 1"	1	\$273.06
3	BAC-23-A	40391	Nut, 3/8" NF, Cad Plated	1	\$2.67
3	BAC-23-A-SS	40392	Nut, 3/8" NF, Stainless Steel (Optional)	1	\$9.43
4	BAC-24-HYD-SS	40400	Washer, 3/8" Star, Stainless Steel	1	\$1.85
5	BAC-26-HYD-VALOX	40440	Impeller, Valox, Keyway	1	\$96.76
5	BAC-26-HYD-CI	40442	Impeller, Cast Iron, Keyway (opt)	1	\$225.50
6	BAC-7V	40151	Seal, Mechanical, Viton (includes #40160)	1	\$52.48
6	BAC-7SC	40152	Seal, Mechanical, Silicon Carbide (includes #40160) (opt)	1	\$180.40
6A	40160	40160	O-Ring, Shaft Seal	1	\$1.23
7	BAC-4	40010	Gasket, 4 Hole (obsolete 1996)	1	\$4.31
7	BAC-4A	40005	O-Ring, Body Seal	1	\$8.00
8	BAC-14-HYD	40300	Mounting Frame (for -200 Series Hyd Motor)	1	\$350.14
8	BAC-14-HYD-300A	40301	Mounting Frame (for -310 Series Hyd Motor)	1	\$382.12
9	40950	40950	Cap Screw, 3/8" NC x 3/4" Hex Head	4	\$1.03
9	40930	40930	Cap Screw, 3/8" NC x 3/4" Hex Head Stainless Steel (opt)	4	\$2.67
10	BAC-54	41130	Slinger	1	\$2.46
11	BAC-33	40810	Snap Ring, Internal, BAC-14 Mounting Frame	2	\$2.26
12	BAC-37	40870	Ball Bearing, Sealed, BAC-6 Shaft	2	\$20.91
13	BAC-32	40790	Snap Ring, External, BAC-6 Shaft	2	\$1.23
14	BAC-32-S	40795	Spacer for BAC-6 Shaft	1	\$6.36
15	BACH-25	40420	Key, 1/8" x 1/8" x 1/2"	1	\$1.44
16	BAC-6-HYD-SS	40061	Shaft, 5/8" Diameter, Keyway and Tang Slot Stainless Steel	1	\$138.58
17	BAC-75-HYD-204	41370	Hydraulic Motor, 4 GPM	1	\$658.46
17	BAC-75-HYD-210	41375	Hydraulic Motor, 8 GPM	1	\$696.18
18	S200	40161	Seal Support Spacer for 200 Series HYD Motor with -L Seal	1	\$10.25
18	S300	40162	Seal Support Spacer for 300 Series HYD Motor with -L Seal	1	\$10.25
19	BAC-75-HYD-204	41370	Hydraulic Motor, 4 GPM	1	\$658.46
19	BAC-75-HYD-210	41375	Hydraulic Motor, 8 GPM	1	\$696.18
19	BAC-75-HYD-310A	41378	Hydraulic Motor, 16 GPM	1	N/A
20	41253	41253	Cap Screw, 5/16" N.C. x 3-1/2" Hex Head (for 204 motor)	4	\$2.26
20	41254	41254	Cap Screw, 5/16" N.C. x 4" Hex Head (for 210 motor)	4	\$2.26
20	41330	41330	Cap Screw, 5/16" N.C. x 3/4" Hex Head (for 310 motor)	4	\$1.03
21	41875	41875	O-Ring, #8 SAE Fitting	2	\$1.44
22	BAC-78-8SAE	41441	Reverse Check Valve, #8SAE Male x SAE Male x 1/2" NPT Female	1	\$30.34
23	BAC-80-8SAE	41455	Adapter, Restrictor Body, #8 SAE Male x 1/2" NPT Female	1	\$23.78
24	41448	41448	O-Ring Orifice Insert	1	\$1.44
25	BAC-79-5	41457	Orifice, Restrictor Incert, .078 (20N)	1	\$11.89
25	BAC-79-7	41456	Orifice, Restrictor Incert, .109 (210N)	1	\$11.89
26	LS-204N	41417	Low Limiting Valve (204N), #8 SAE Male x 1/2" NPT Female	1	\$94.30
26	LS-210N	41423	Low Limiting Valve (210N), #8 SAE Male x 1/2" NPT Female	1	\$94.30
-	RK-FMC	52700	Repair Kit for FMC Series Pump Only	-	\$62.32
-	RK-FMCSC	52706	Repair Kit for FMC Series with Silicon Carbide Shaft Seal	-	\$190.24
-	RK-BAC-75-HYD-L	41374	Repair Kit for 200 Series Hyd. Motor	-	\$66.01
-	RK-BAC-75-HYD-300-L	41362	Repair Kit for 300 Series Hydraulic Motor	-	\$114.39

FMC-150-HYD-206

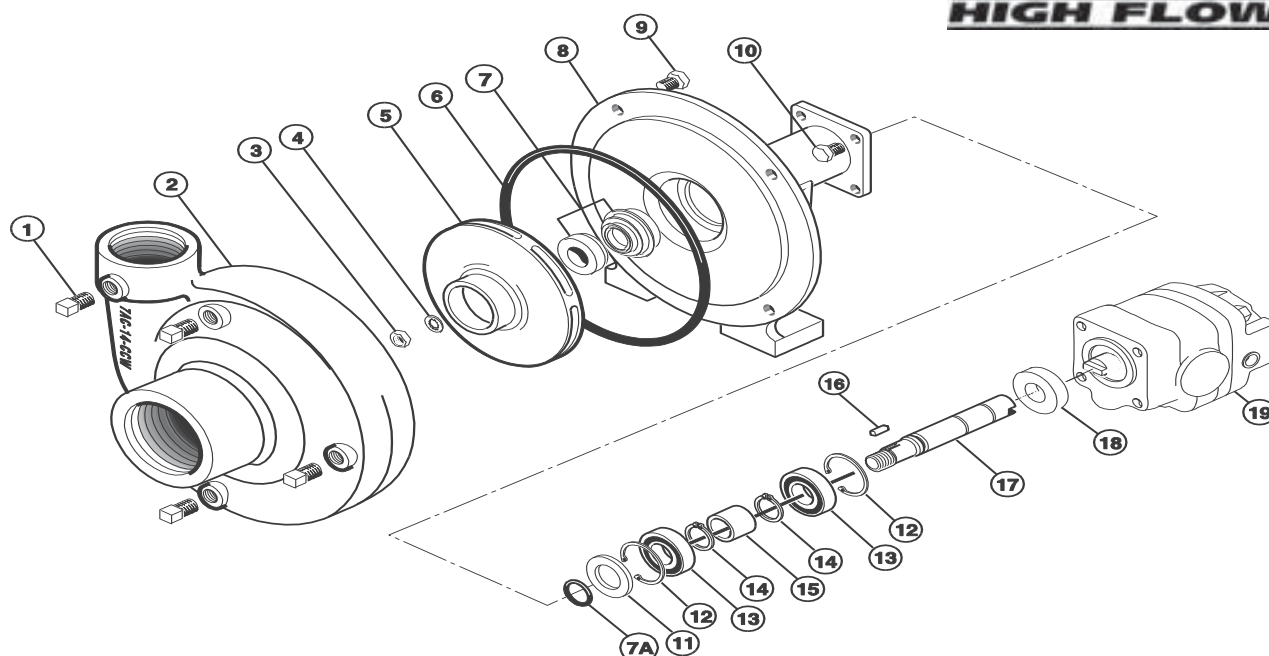


REF. NO.	PART NO.	EDP NO.	DESCRIPTION	REQ.	Price
1	BAC-53	41110	Pipe Plug	4	\$0.82
1	41120	41120	Pipe Plug, Stainless Steel (opt)	4	\$5.33
2	BAC-12-150	40255	Volute, 1-1/2" x 1-1/4"	1	\$338.66
3	BAC-23-A	40391	Nut, 3/8" NF, Cad Plated	1	\$2.67
3	BAC-23-A-SS	40392	Nut, 3/8" NF, stainless steel (optional)	1	\$9.43
4	BAC-24-HYD-SS	40400	Washer, 3/8" Star, Stainless Steel	1	\$1.85
5	BAC-26-150-P	40446	Impeller, Valox, Keyway	1	\$96.76
5	BAC-26-150-CI	40445	Impeller, Cast Iron, Keyway (opt)	1	\$243.54
*6	BAC-7V	40151	Seal, Mechanical, Viton (includes 40160 O-Ring)	1	\$52.48
6	BAC-7SC	40152	Seal, Silicon Carbide (includes 40160 O-Ring) (opt)	1	\$180.40
6A	40160	40160	O-Ring Shaft Seal	1	\$1.23
*7	BAC-4-150	40015	O-Ring Body Seal	1	\$8.00
8	BAC-14-150-HYD	40305	Mounting Frame (for 200 Series Hyd. Motor)	1	\$421.48
9	40950	40950	Cap Screw, 3/8" NC x 3/4" Hex Head	4	\$1.03
9	40930	40930	Cap Screw, 3/8" NC x 3/4" Hex Head Stainless Steel (optional)	4	\$2.67
10	BAC-54	41130	Slinger	1	\$2.46
11	BAC-33	40810	Snap Ring, Internal, BAC-14 Mounting Frame	2	\$2.26
12	BAC-37	40870	Ball Bearing, Sealed, BAC-6 Shaft	2	\$20.91
13	BAC-32	40790	Snap Ring, External, BAC-6 Shaft	2	\$1.23
14	BAC-32-S	40795	Spacer for BAC-6 Shaft	1	\$6.36
15	BACH-25	40420	Key, 1/8" x 1/8" x 1/2"	1	\$1.44
16	BAC-6-HYD-SS	40061	Shaft, 5/8" Diameter, Keyway and Tang Slot, Stainless Steel (opt)	1	\$138.58
17	BAC-75-HYD-206	41372	Hyd Motor, 7 GPM (Includes parts 18 - 26)	1	\$658.46
18	S200	40161	Seal Support Spacer For 200 Series Hyd Motor, Effective 6/00	1	\$10.25
19	BAC-75-HYD-206N	41397	Hyd Motor, 7 GPM	1	\$641.24
20	41255	41255	Cap Screw, 5/16" NC x 3-3/4" Hex Head (for 206N Motor)	4	\$2.26
21	41875	41875	O-ring, #8 SAE fitting	2	\$1.44
22	BAC-78-8SAE	41441	Reverse check valve, #8 SAE Male x 1/2" NPT female	1	\$30.34
23	BAC-80-8SAE	41455	Adapter, restrictor body, #8 SAE Male x 1/2" NPT female	1	\$23.78
24	41448	41448	O-ring, orifice insert	1	\$1.44
25	BAC-79-7	41456	Orifice, restrictor insert, .109 (206N)	1	\$11.89
26	LS-206N	41418	Flow Limiting valve (206N), #8 SAE male x 1/2" NPT	1	\$94.30
-	RK-FMC-150	52710	Repair Kit for FMC-150 Pump	-	\$62.32
-	RK-FMCSC-150	52711	Repair Kit for FMC-150 Pump with silicone carbide shaft seal	-	\$190.24
-	RK-BAC-75-HYD-L	41374	Repair Kit for 200 Series Motor with high pressure lip seal.	-	\$66.01

FMC-200-HYD-304



200 SERIES
HIGH FLOW

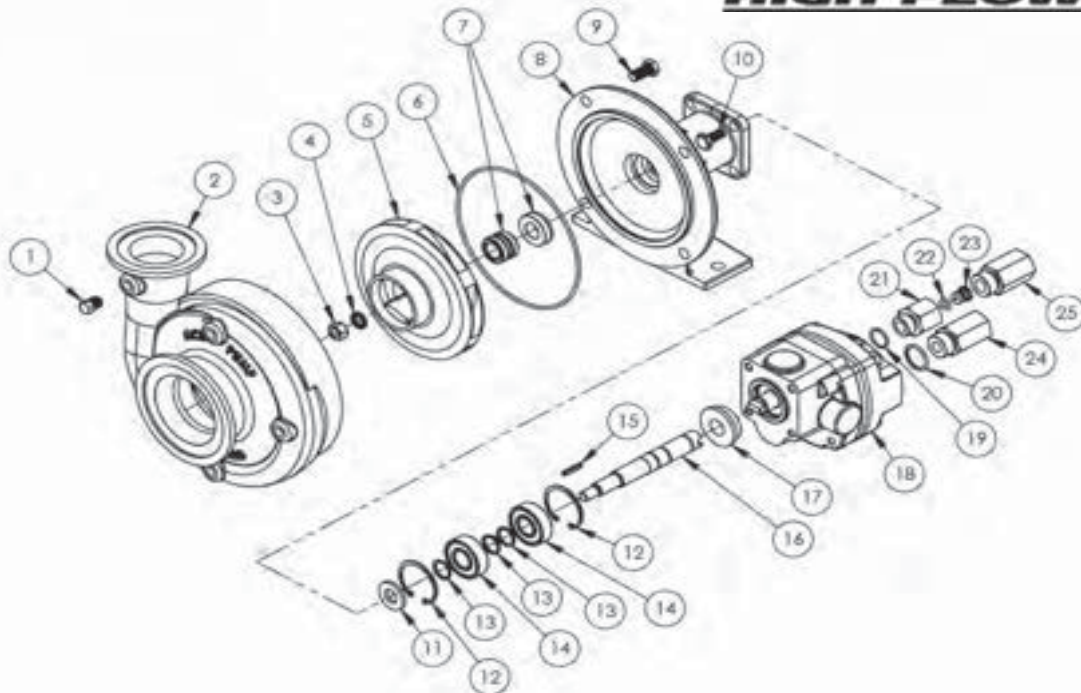


REF #	Part Number	EDP #	Description	Req.	Price
1	BAC-53	41110	Pipe Plug	4	\$0.82
1	41120	41120	Pipe Plug, Stainless Steel Optional	4	\$5.33
2	7AC-14-CCW	41526	Volute, 2" x 1-1/2"	1	\$371.46
3	BAC-23-A	40391	Nut, 3/8" NF, Cad Plated	1	\$2.67
4	BAC-24-HYD-SS	40400	Washer, 3/8" Star, Stainless	1	\$1.85
5	BAC-26-200-CI	40433	Impeller, With Extended Key way, Cast Iron (Optional)	1	\$295.20
5	BAC-26-200-P	40434	Impeller, With Extended Key way, Thermoplastic	1	\$140.22
6	BAC-4A	40005	O-Ring, Body Seal	1	\$8.00
7	BAC-7V	40151	Seal, Carbon/Ceramic/Viton (Includes 40160 "O" Ring)	1	\$52.48
7	BAC-7SC	40152	Seal, Silicon Carbide (Includes 40160 "O" Ring) (Optional)	1	\$180.40
7A	40160	40160	O-Ring, Shaft Seal	1	\$1.23
8	BAC-14-HYD-300A	40314	Mounting Frame (For-300A Series Hydraulic Motor)	1	\$382.20
9	40950	40950	Cap Screw, 3/8" NC x 3/4" Hex Head	4	\$1.03
9	40930	40930	Cap Screw, 3/8" NC x 3/4" Hex Head, Stainless Steel	4	\$2.67
10	41330	41330	Cap Screw, 5/16" N. C. x 3/4" Hex Head, Motor	4	\$1.03
11	BAC-54	41130	Slinger	1	\$2.46
12	BAC-33	40810	Snap Ring, Internal, BAC-14 Mounting frame	2	\$2.26
13	BAC-37	40870	Ball Bearing, Sealed, BAC-6 shaft	2	\$20.91
14	BAC-32	40790	Snap Ring, External, BAC-6 Shaft	2	\$1.23
15	BAC-32-S	40795	Spacer for BAC-6 Shaft	1	\$6.36
16	BAC-25	40425	Key, 1/8" x 1/8" x 13/16", Extended Keyway	1	\$1.44
17	BAC-6-HYD-200-SS	40063	Shaft, Extended Key way, Tang, Stainless Steel	1	\$138.58
18	S300	40162	Seal Support Spacer For 300 Series HYD Motor, Effective 6/00	1	\$10.25
19	BAC-75-HYD-304	41381	Hydraulic Motor, 11 GPM 1/2" NPT Ports	1	\$988.10
19	BAC-75-HYD-304A-12SAE	41426	Hydraulic Motor, 11 GPM # 12 SAE End Ports (Optional)	1	\$1,007.78
1	RK-FMC	52700	Repair Kit For FMC Serles Pump	-	\$62.32
2	RK-FMCSC	52706	Repair Kit For FMC Serles Pump With Silicon Carbide Shaft Seal	-	\$190.24
#	RK-BAC-75-HYD-300-L	41362	Repair Kit For 300 Series-L Motor	-	\$114.39

FMCS-205F-HYD-304
FMCS-205FS-HYD-304

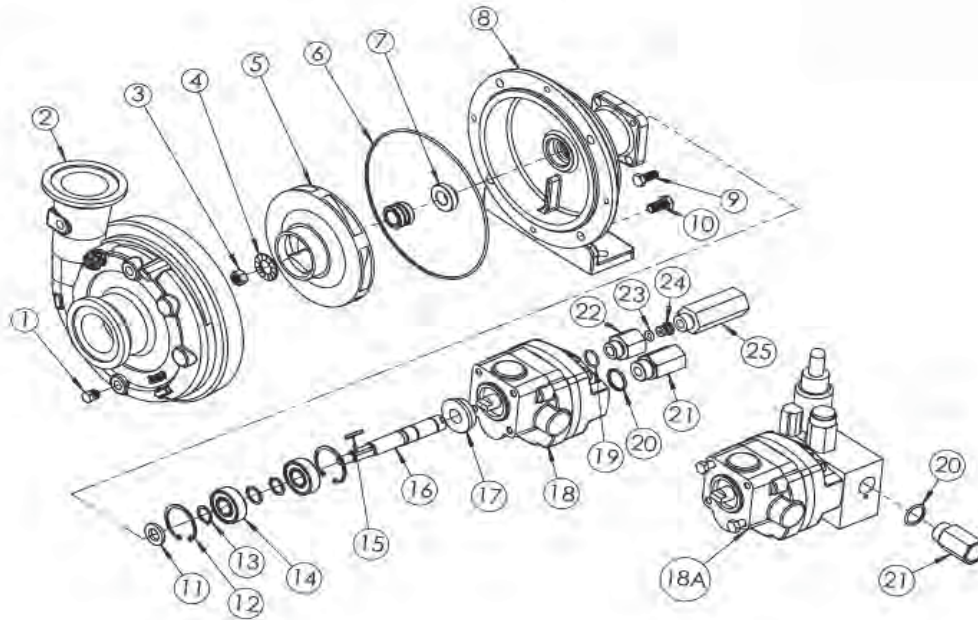


205 SERIES
HIGH FLOW



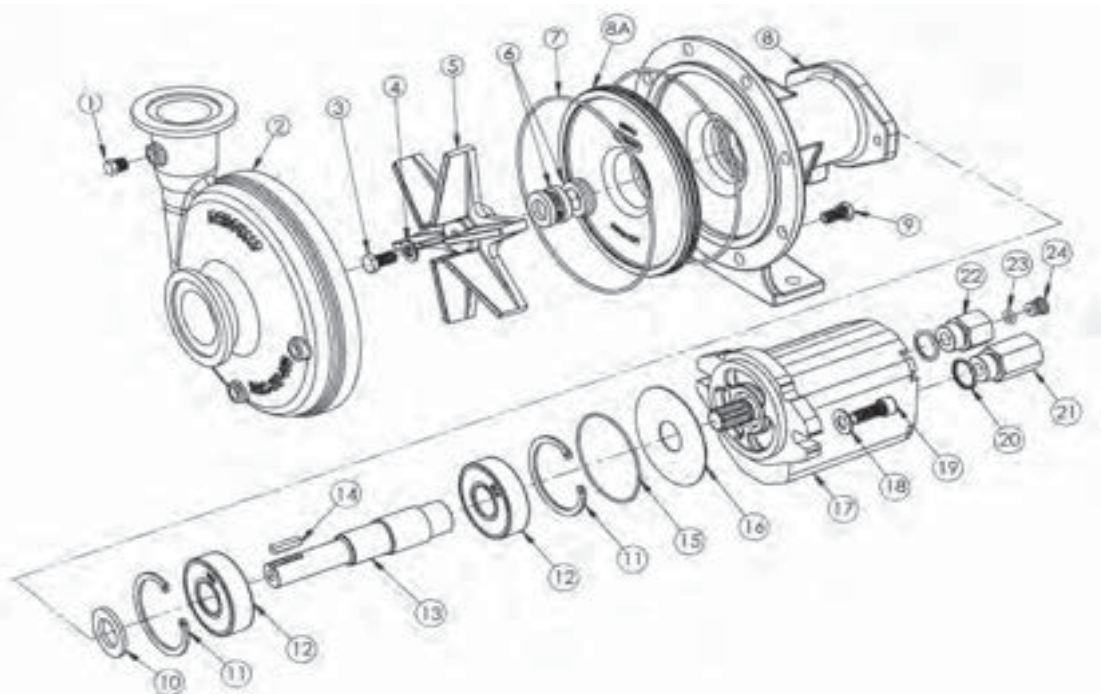
REF #	Part Number	EDP #	Description	Req.	Price
1	BAC-53	41110	Pipe Plug	4	\$0.82
1	41120	41120	Pipe plug, stainless steel (-FS model)	4	\$5.33
2	7AC-14-FLG	41530	Volute, 300 standard flange x 220 full port flange, cast iron	1	\$464.94
2	7AC-14-FLG-SS	41532	Volute, 300 flange x 220 flange, 316 stainless steel (-FS model)	1	\$958.58
3	BAC-23-B-SS	40393	Nut, 3/8" NF, stainless steel	1	\$1.44
4	BAC-24-B-SS	42702	Washer, 3/8", stainless steel, self-locking	1	\$7.18
5	BAC-26-200-P	40434	Impeller, thermoplastic	1	\$140.22
5	BAC-26-200-CI	40433	Impeller, cast iron (optional)	1	\$295.20
5	BAC-26-200-SS	40436	Impeller, 316 stainless steel (-FS model) (optional)	1	\$417.38
6	BAC-4A	40005	O-ring, body seal	1	\$8.00
7	BAC-7SC-205V	40149	Seal, silicon carbide	1	\$180.40
8	BAC-14-205-HYD	40338	Mounting frame for 205 pump	1	\$397.70
8	BAC-14-205-HYD-SS	40346	Mounting frame for 205 pump, 316 stainless steel (-FS model)	1	\$1,012.70
9	40950	40950	Cap screw, 3/8" NC x 3/4" hex head	4	\$1.03
9	40930	40930	Cap screw, 3/8" NC x 3/4" hex head, stainless steel (-FS model)	4	\$2.67
10	41330	41330	Cap screw, 5/16" NC x 3/4" hex head, motor to pump	4	\$1.03
11	BAC-54	41130	Slinger	1	\$2.46
12	BACH-33	40820	Snap ring, internal, BAC-14-205 mounting frame	2	\$1.85
13	BACH-32-HD	40385	Snap ring, external, BAC-6-205 shaft	3	\$3.49
14	40880	40880	Ball bearing, sealed, BAC-6-205 shaft	2	\$25.83
15	BAC-6-205-HYD-SS	40068	Shaft, extended keyway, tang, stainless steel	1	\$209.92
16	BAC-25	40425	Key, 1/8" x 1/8" x 13/16", extended keyway	1	\$1.44
17	S305	40163	Seal support spacer for 205 series pump	1	\$17.63
18	BAC-75-HYD-304N	41343	Hydraulic motor, 11 GPM, effective 5/13	1	\$975.80
19	41875	41875	O-ring, #8 SAE fitting	1	\$1.44
20	41445	41445	O-ring, #10 SAE fitting	1	\$1.44
21	BAC-80-8SAE	41455	Body, restrictor orifice, #8SAE x 1/2" NPT	1	\$23.78
22	41448	41448	O-ring, orifice insert	1	\$1.44
23	BAC-79-8	41447	Orifice insert, restrictor insert, 0.125	1	\$11.89
24	41442	41442	Reverse check assembly, #10 SAE x 1/2" NPT	1	\$32.80
25	LS-304N	41429	Flow limiter (optional)	1	\$94.30
-	RK-FMCS-205	52705	Repair kit for FMC-205 pump with silicon carbide shaft seal	-	\$190.24
-	RK-BAC-75-HYD-300-L	41362	Repair kit for 300 Series hydraulic motor	-	\$114.39

FMCS-225F-HYD **FMCS-225F-HYD**



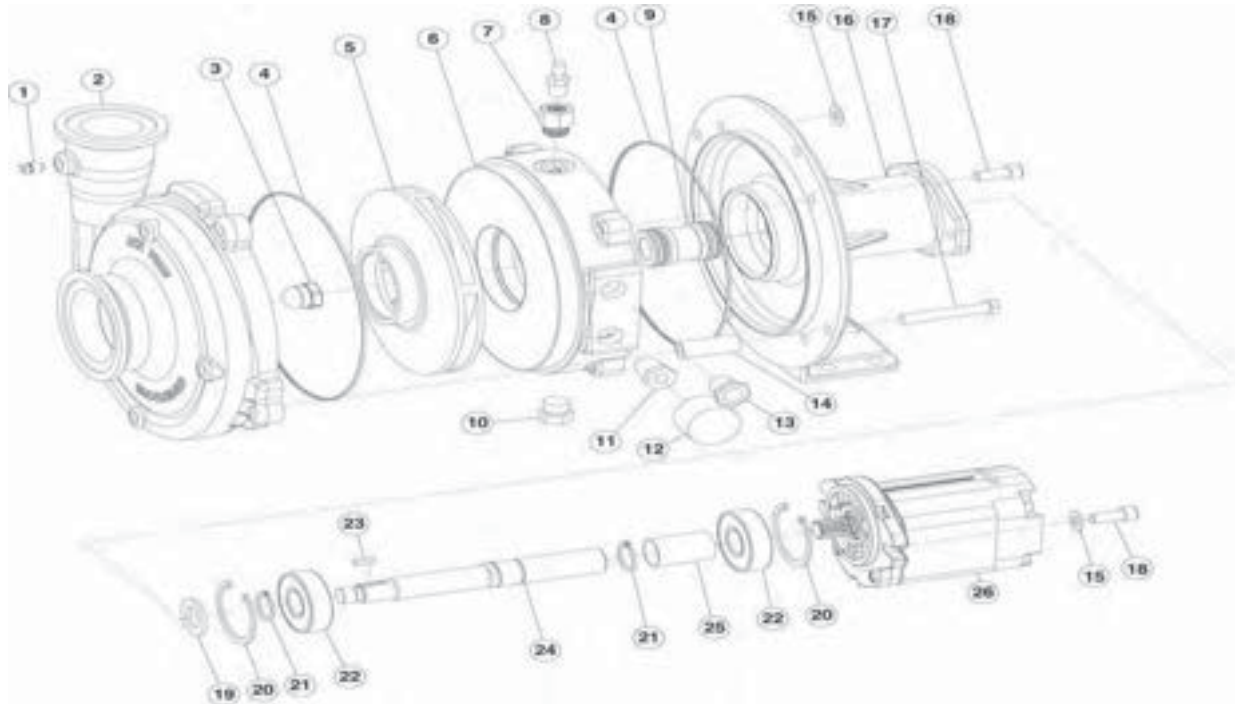
REF #	Part Number	EDP #	Description	Req.	Price
1	BAC-53	41100	Pipe plug	4	\$0.82
1	41120	41120	Pipe plug, stainless steel (optional)	4	\$5.33
2	BAC-12-225-FLG	30200	Volute, cast iron, 220 x 220 flanged, E-coated	1	\$517.42
3	BAC-23-B-SS	40393	Nut, 3/8" NF, SS	1	\$1.44
4	BAC-24-B-SS	42702	Washer, 3/8" SS, vibration proof	1	\$7.18
5	BAC-26-200-P	40434	Impeller, thermoplastic, keyway	1	\$140.22
5	BAC-26-200-CI	40433	Impeller, cast iron, keyway (optional)	1	\$295.20
5	BAC-26-200-SS	40436	Impeller, stainless steel, keyway (optional)	1	\$417.38
6	BAC-4-150	40015	O-ring, body seal	1	\$8.00
7	BAC-7SC-205V	40149	Seal, type 2106 silicon carbide mechanical seal	1	\$180.40
8	BAC-14-5-HYD	40288	Mounting frame, cast iron, e-coated	1	\$385.40
9	41330	41330	Cap screw, 5/16" NC x 3/4"	2	\$1.03
10	40950	40950	Cap screw, 3/8"NC x 3/4" hex head	4	\$1.03
10	40930	40930	Cap screw, 3/8"NC x 3/4" hex head, stainless steel (optional)	4	\$2.67
11	BAC-54	41130	Slinger	1	\$2.46
12	BACH-32-HD	40385	Snap ring, external, shaft	3	\$3.49
13	BACH-33	40820	Snap ring, internal, mounting frame	2	\$1.85
14	40880	40880	Bearing	2	\$25.83
15	BAC-25	40425	Key, 1/8" x 1/8" x 13/16" SS	1	\$1.44
16	BAC-6-255-HYD-SS	41584	Shaft, .625 DIA, 255, SS	1	\$209.92
17	S305	40163	Seal support spacer (304N)	1	\$17.63
18	BAC-75-HYD-304	41343	Hydraulic motor, 9 GPM (includes 17,18, 19,20,21,22,23, 24)	1	\$988.10
18	BAC-75-HYD-306	41312	Hydraulic motor, 16.5 GPM (includes 17,18B, 19,20,21,22,23, 24A)	1	\$988.10
18A	BAC-75-HYD-304-PWM	41348	Hydraulic motor, integrated PWM valve, 9 GPM (includes 17,18A,20,21A)	1	\$2,109.86
19	41875	41875	O-ring, #8 SAE fitting	1	\$1.44
20	41445	41445	O-ring, #10 SAE fitting	1	\$1.44
21	BAC-78-10SAE	41442	Reverse check assembly, #10 SAE x 1/2" NPT, w/ O-ring	1	\$32.80
21A	BAC-78-10X10SAE	41467	Reverse check assembly, #10 SAE x #10 SAE, w/ O-ring (optional)	1	\$37.31
22	BAC-80-8SAE	41455	Body, restrictor orifice, #8 SAE x 1/2"NPT, w/ O-ring	1	\$23.78
23	41448	41448	O-ring, restrictor	1	\$1.44
24	BAC-79-8	41447	Orifice insert, restrictor, w/ O-ring (304) (Do not use with 304-PWM)	1	\$11.89
24A	BAC-79-9	41449	Orifice insert, restrictor, w/ O-ring (306)	1	\$11.89
25	LS-304N	41429	Flow limiting valve, #8 MSAE x 1/2" FNPT (304) (optional)	1	\$94.30
-	RK-FMCS-PRO5	52717	Repair kit, includes items 6 and 7	-	\$196.39
-	RK-BAC-75-HYD-300-L	41362	Repair kit; 300 series hyd motor with high pressure lip seal	-	\$114.39

FMC-650F-HYD



REF#	Part No.	EDP #	Description	REQ.	Price
1	BAC-53	41110	Pipe Plug, 1/8" NPT, Hex Head	3	\$0.82
1	41120	41120	Pipe Plug, 1/8" NPT, Hex Head Stainless Steel (Optional)	3	\$5.33
2	BAC-12-650-FLG	30159	Volute, NPT & 220 Flange x 200 Flange, Cast, e-coated (F Model)	1	\$503.48
3	40930	40930	Cap Screw, 3/8" NC x 3/4" Hex Head, Stainless Steel	1	\$2.67
4	30029	30029	Washer, 3/8" OD, Sealing, Stainless Steel	1	\$2.26
5	BAC-26-650	30169	Impeller, Cast Iron, E-Coated	1	\$284.54
6	BAC-7-650	40145	Seal, Carbon/Ceramic/Viton, 3/4"	1	\$100.86
6	BAC-7SC-650	40146	Seal, Silicon Carbide/Viton, 3/4" (Optional)	1	\$212.38
7	BAC-4-150	40015	O-Ring, Volute Seal	1	\$8.00
8	BAC-14-650-HYD	40325	Mounting Frame, Cast Iron, E-Coated	1	\$656.00
9	40950	40950	Cap Screw, 3/8" NC x 3/4" Hex Head	8	\$1.03
9	40930	40930	Cap Screw, 3/8" NC x 3/4" Hex Head Stainless Steel (Optional)	8	\$2.67
10	BAC-54-650	41132	Slinger 1.5" OD x 7/8" ID	1	\$5.33
11	41943	41943	Snap Ring, Internal, Mounting Frame	2	\$4.31
12	40875	40875	Bearing, FMC-650 Models	2	\$46.74
13	BAC-6-650-HYD-SS	40051	Shaft, 1.13" Dia., 11T Female Spline, Stainless Steel	1	\$351.78
14	41085	41085	Key, .188 x .188 x .875, FMC-650 Models	1	\$1.64
15	BAC-75-HYD-M16	41359	Motor, Hydraulic, Pressure Plated Gear	1	\$1,093.06
16	42701	42701	Washer, 3/8"	2	\$1.03
17	41907	41907	Cap Screw, 3/8" NC x 1", Socket Head	2	\$3.49
18	41445	41445	O-Ring, # 10 SAE Fitting	2	\$1.44
19	BAC-80-10SAE	41446	Body, Adapter/Restrictor, #10 SAE Male x 1/2" NPT Female	1	\$23.78
20	41448	41448	O-Ring, Restrictor Insert	1	\$1.44
21	41447	41447	Restrictor Orifice Insert, .125	1	\$11.89
22	41442	41442	Reverse Check, #10 SAE Male x 1/2" NPT Female	1	\$32.80
-	RK-FMC-650	52720	Repair Kit, Carbon/Ceramic/Viton Seal, FMC-650 Models	-	\$111.11
-	RK-FMCSC-650	52721	Repair kit, Silicon Carbide/Viton Seal, FMC-650 Models	-	\$222.63

FMC-750F-HYD

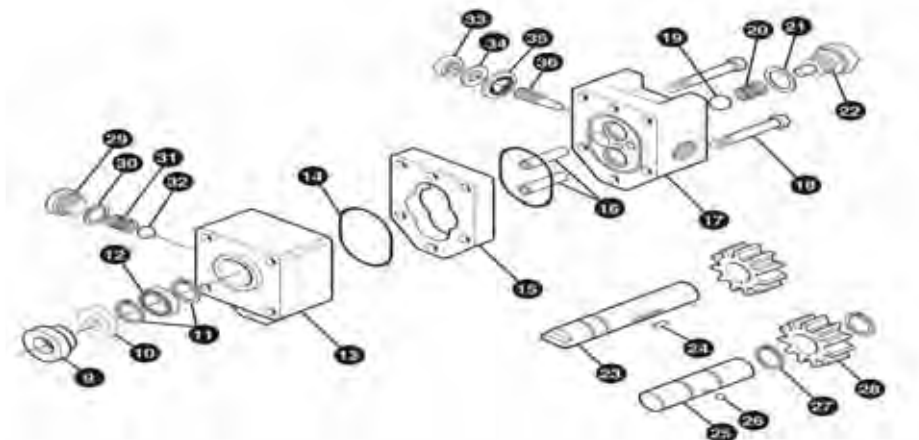


REF. #	Part No.	EDP #	Description	REQ.	Price
1	BAC-53	41110	Pipe plug, 1/8" NPT	4	\$0.82
2	BAC-12-750-FLG	30158	Volute, 300 X 220 flange, cast iron, e-coated	1	\$654.36
3	40397	40397	Acorn nut, 5/8"-11 stainless steel	1	\$15.58
4	ACAL-4	30009	O-ring, volute seal	2	\$12.51
5	BAC-26-750-CI	30182	Impeller, cast iron, e-coated	1	\$505.94
6	BAC-16-750	45264	Seal plate, cast iron, e-coated	1	\$488.72
7	41107	41107	Plug, #8 SAE X 1/4" FNPT, hex head, with o-ring	1	\$12.51
8	41316	41316	Air valve, 1/4" NPT	1	\$15.17
9	BAC-7-750V	40147	Dual seal assembly, Type 21, .875 shaft	1	\$232.88
10	41108	41108	Plug, SAE #8, hex head, with o-ring	1	\$9.02
11	44038	44038	Bushing, 1/2" MNPT x 1/8" FNPT	1	N/A
12	50150	50150	Pressure gauge, 0-60 PSI, 1/8" NPT	1	\$32.80
13	55851	55851	Site gauge, Steel 1/2" NPT	1	\$49.20
14	45267	45267	Spacer, seal plate	4	\$29.52
15	42701	42701	Washer, 3/8", volute and motor mount	3	\$1.03
16	BAC-14-750-HYD	40333	Mounting frame, cast iron, e-coated	1	\$819.18
17	40952	40952	Cap screw, 3/8" NC x 2-1/2", hex head (volute)	4	\$2.26
18	41907	41907	Cap screw, 3/8" NC x 1", socket head (seal plate, motor mount)	4	\$3.49
19	BAC-54-650	41132	Slinger, 7/8" shaft	1	\$5.33
20	41943	41943	Snap ring, internal, frame	2	\$4.31
21	ACAL-32	30174	Snap ring, external, shaft	2	\$2.26
22	40875	40875	Ball bearing, sealed	2	\$46.74
23	41085	41085	Key, .188 x .188 x .875	1	\$1.64
24	BAC-6-750-HYD-SS-WS	40066	Shaft, 11T female spline, stainless steel	1	\$479.70
25	BAC-32-750	40793	Spacer, shaft	1	\$50.02
26	BAC-75-HYD-M22	41355	Hydraulic motor, pressure plated gear type, 18 GPM	1	\$1,109.46
26	BAC-75-HYD-M25	41356	Hydraulic motor, pressure plated gear type, 20 GPM	1	\$1,109.46
* 27	55032	55032	Barrier fluid, Royal Purple, quart	1.32	\$57.40
j	RK-FMC-750	52724	Repair kit, includes items 4 (2 pcs.), 9, and 27 (2 qts.)	--	\$372.69

Hydraulic Motor Parts

BAC-75-HYD-202

BAC-75-HYD-203



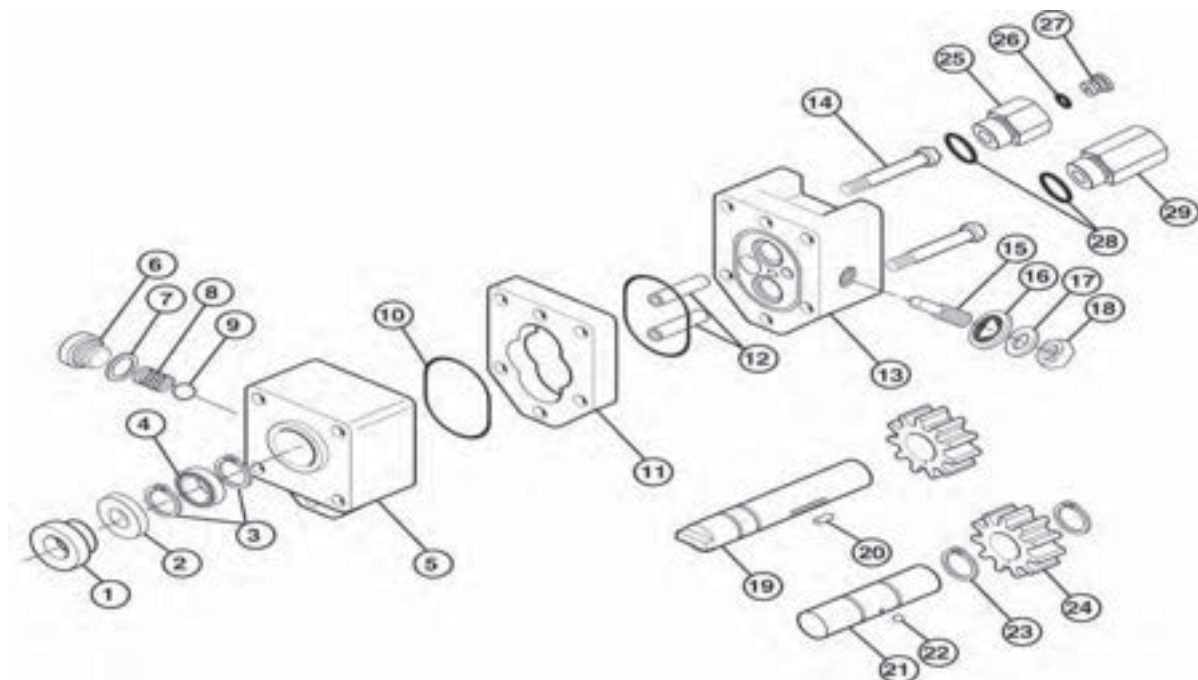
REF. #	Model 202	Model 203	Description	REQ	Price Model 202	Price Model 203
1	41890	41890	Retaining Ring, Shaft Seal	1	\$1.64	\$1.64
2	41770	41770	Seal Retainer, Steel	1	\$26.65	\$26.65
3	41880	41880	Quad Ring Shaft Seal	1	\$6.56	\$6.56
4	41840	41840	Collar for quad ring shaft seal	1	\$5.54	\$5.54
5	41870	41870	O-Ring, Seal Collar	1	\$2.26	\$2.26
6	41860	41860	O-Ring, Seal Retainer	1	\$2.26	\$2.26
7	41810	41810	Backup Washer, Steel	1	\$4.51	\$4.51
8	41830	41830	Bearing Spacer, Wire Ring	1	\$3.49	\$3.49
9	40161	40161	Seal Support Spacer ("L" Models)	1	\$10.25	\$10.25
10	40153	40153	Seal Cartridge ("L" Models)	1	\$51.25	\$51.25
11	41941	41941	Snap Ring, Bearing	2	\$1.23	\$1.23
12	41961	41961	Ball Bearing, 7/16" ID	1	\$47.56	\$47.56
13	41731	41731	Drive Plate	1	\$339.48	\$339.48
14	41850	41850	O-Ring, Housing Seal	2	\$2.26	\$2.26
15	41718	41719	Gear Housing	1	\$182.04	\$182.04
16	41799	41799	Dowel Pin, Housing	2	\$3.49	\$3.49
17	41740	41740	End Plate	1	\$310.78	\$310.78
18	41899	41899	Cap Screw, 1/4" N.C. Hex Head	2	\$2.26	\$2.26
19	41950	41950	Ball, Reverse Flow Check	1	\$1.44	\$1.44
20	41780	41780	Spring, Reverse Flow Check	1	\$2.26	\$2.26
21	41820	41820	Washer, Nylon, Reverse Flow Check	1	\$2.26	\$2.26
22	41790	41790	Valve Cap, Reverse Flow Check	1	\$36.08	\$36.08
23	41758	41759	Drive Shaft	1	\$111.52	\$111.52
24	41921	41925	Dowel Pin, Drive Shaft	1	\$2.26	\$2.26
25	41968	41969	Idler Shaft	1	\$58.63	\$58.63
26	41990	41990	Ball, Idler Shaft	1	\$2.26	\$2.26
27	41980	41980	Retaining Ring, Idler Gear	2	\$2.26	\$2.26
28	41748	41749	Gear	2	\$123.00	\$123.00
29	42041	42041	Valve Cap, Coasting Check	1	\$20.71	\$20.71
30	42044	42044	O-Ring, Coasting Check	1	\$2.26	\$2.26
31	42042	42042	Spring, Coasting Check	1	\$2.26	\$2.26
32	42043	42043	Ball, Coasting Check	1	\$2.26	\$2.26
33	40960	40960	Nut, 3/8" N.C. Jam, Needle Valve	1	\$1.03	\$1.03
34	42040	42040	Washer, Flat Steel, Needle Valve	1	\$3.49	\$3.49
35	42030	42030	Thread Seal, 3/8", Needle Valve	1	\$8.00	\$8.00
36	42010	42010	Adjusting Screw, Needle Valve	1	\$26.45	\$26.45
-	41374	41374	Repair Kit, RK-BAC-75-HYD-L		\$66.01	\$66.01

Hydraulic Motor Parts

BAC-75-HYD-204N

BAC-75-HYD-206N

BAC-75-HYD-210N

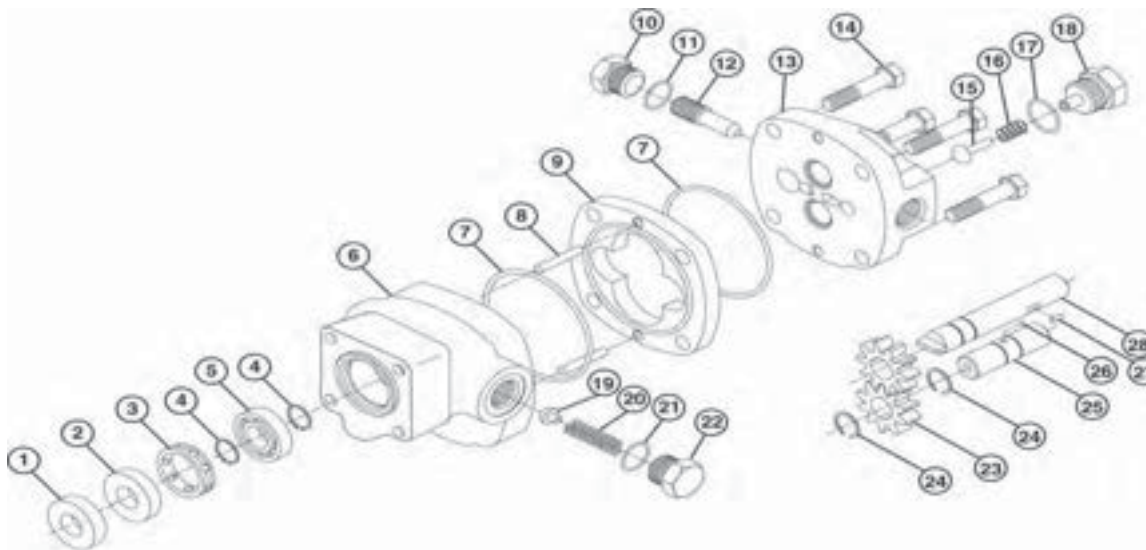


REF #	Model 204N	Model 206N	Model 210N	Description	REQ	Price	Price	Price
1	S200	S200	S200	Seal Support Spacer	1	\$10.25	\$10.25	\$10.25
2	40153	40153	40153	Seal Cartridge	1	\$51.25	\$51.25	\$51.25
3	41941	41941	41941	Snap Ring, Bearing	2	\$1.23	\$1.23	\$1.23
4	41961	41961	41961	Ball Bearing, 7/16" I.D.	1	\$47.56	\$47.56	\$47.56
5	41731	41731	41731	Drive Plate	1	\$339.48	\$339.48	\$339.48
6	42041	42041	42041	Valve Cap, Coasting Check	1	\$20.71	\$20.71	\$20.71
7	42044	42044	42044	O-Ring, Coasting Check	1	\$2.26	\$2.26	\$2.26
8	42042	42042	42042	Spring, Coasting Check	1	\$2.26	\$2.26	\$2.26
9	42043	42043	42043	Ball, Coasting check	1	\$2.26	\$2.26	\$2.26
10	41850	41850	41850	O-Ring, Housing Seal	2	\$2.26	\$2.26	\$2.26
11	41720	41721	41725	Gear Housing	1	\$182.04	\$182.04	\$182.04
12	41800	41801	41805	Dowel Pin, Housing	2	\$3.49	\$3.49	\$3.49
13	41742	41742	41742	End Plate	1	\$310.78	\$310.78	\$310.78
14	41900	41900	41905	Cap Screw, 1/4" N.C. Hex Head	2	\$2.26	\$2.26	\$2.26
15	42010	42010	42010	Adjusting Screw, Needle Valve	1	\$26.45	\$26.45	\$26.45
16	42030	42030	42030	Thread Seal, 3/8", Needle Valve	1	\$8.00	\$8.00	\$8.00
17	42040	42040	42040	Washer, Flat Steel, Needle Valve	1	\$3.49	\$3.49	\$3.49
18	40960	40960	40960	Nut, 3/8" N.C. Jam, Needle Valve	1	\$1.03	\$1.03	\$1.03
19	41761	41764	41766	Drive Shaft	1	\$111.52	\$111.52	\$132.84
20	41920	41921	41925	Dowel Pin, Drive Shaft	1	\$2.26	\$2.26	\$2.26
21	41970	41971	41975	Idler Shaft	1	\$58.63	\$58.63	\$58.63
22	41990	41990	41990	Ball, Idler Shaft	1	\$2.26	\$2.26	\$2.26
23	41980	41980	41980	Retaining Ring, Idler Gear	2	\$2.26	\$2.26	\$2.26
24	41750	41751	41755	Gear	2	\$123.00	\$123.00	\$133.66
25	41455	41455	41455	Adapter Body, #8 SAE Male x 1/2" NPT	1	\$23.78	\$23.78	\$23.78
26	41448	41448	41448	O-Ring, Orifice Insert (Use with 41456)	1	\$1.44	\$1.44	\$1.44
27	41457	41456	41456	Insert, Restrictor Orifice (Use With 41455 Body)	1	\$11.89	\$11.89	\$11.89
28	41875	41875	41875	O-Ring, #8 SAE Male Fitting	2	\$1.44	\$1.44	\$1.44
29	41441	41441	41441	Reverse Check, #8 Male x 1/2" NPT	1	\$30.34	\$30.34	\$30.34
	41374	41374	41374	Repair Kit, RK-BAC-75-HYD-L	-	\$66.01	\$66.01	\$66.01

Hydraulic Motor Parts

BAC-75-HYD-304A

BAC-75-HYD-310A

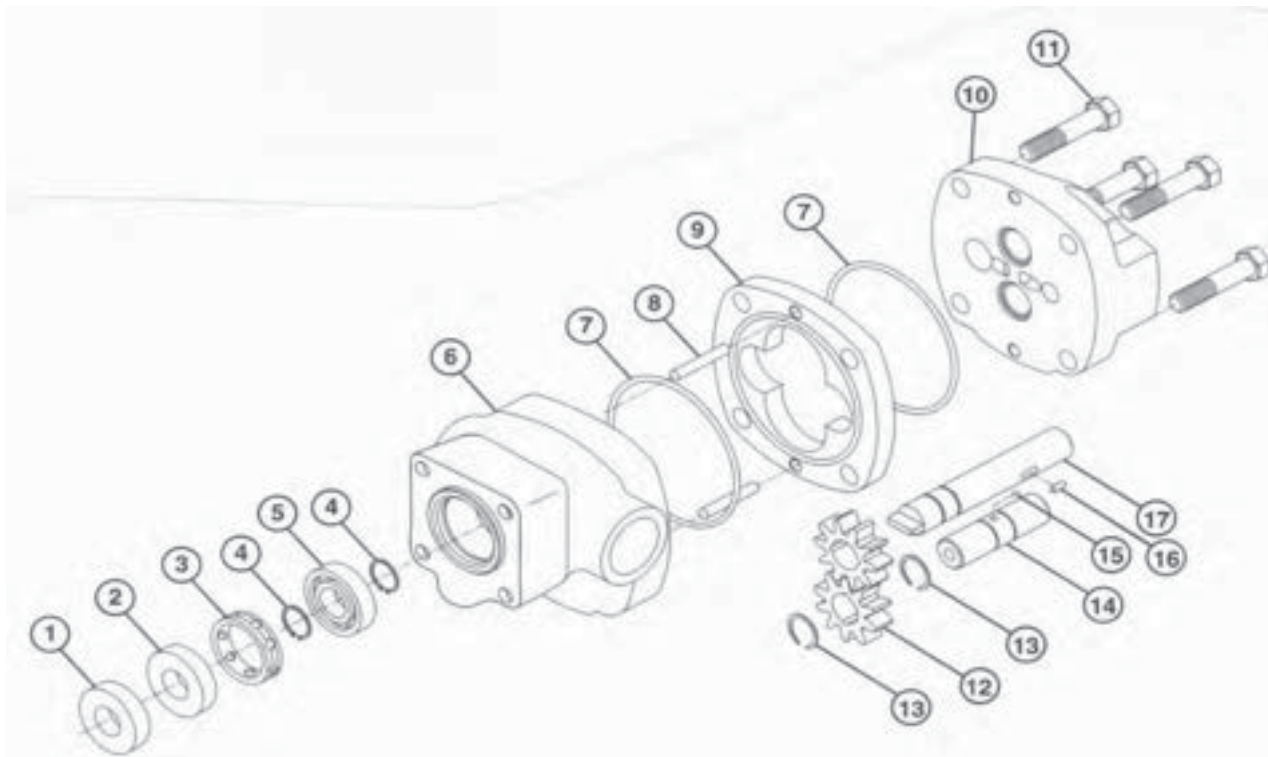


Ref #	Model 304A	Model 310A	Description	REQ	Price	Price
1	40162	40162	Seal Support Spacer, S300	1	\$10.25	\$10.25
2	40154	40154	Seal Cartridge, BAC-75-300-TLS	1	\$93.48	\$93.48
3	43056	43056	Spacer Seal/Bearing, Perforated, 300A Series Motor	1	\$32.80	\$32.80
4	43205	43205	Retaining Ring, Bearing	2	\$6.36	\$6.36
5	43225	43225	Ball Bearing	1	\$42.64	\$42.64
6	43016	43016	Drive Plate	1	\$371.46	\$371.46
7	43130	43130	O-Ring, Housing Seal	2	\$2.26	\$2.26
8	43085	43080	Dowel Pin, Housing	2	\$2.26	\$2.26
9	43005	43000	Gear Housing	1	\$192.70	\$214.02
10	43275	43275	Cap, Needle Valve, 300A Series Motor	1	\$5.33	\$5.33
11	43276	43276	O-Ring, Needle Cap, 300A Series Motor	1	\$1.85	\$1.85
12	43265	43265	Needle, 300A Series Motor	1	\$47.97	\$47.97
13	43021	43021	End Plate, 300A series Motor	1	\$343.58	\$343.58
14	43185	43180	Cap Screw, 3/8" N.C. Hex Head	4	\$2.46	\$2.46
15	43210	43210	Plunger, Reverse Flow check	1	\$47.97	\$47.97
16	43060	43060	Spring, Reverse Flow Check	1	\$5.61	\$5.61
17	43290	43290	O-Ring, Reverse Flow Check	1	\$2.26	\$2.26
18	43070	43070	Valve Cap, Reverse Flow Check	1	\$45.92	\$45.92
19	43300	43300	Plunger, Coasting Check	1	\$12.51	\$12.51
20	43305	43305	Spring, Coasting Check	1	\$14.76	\$14.76
21	43310	43310	O-ring, Coasting Check	1	\$1.44	\$1.44
22	43315	43315	Valve Cap, Coasting Check	1	\$18.86	\$18.86
23	43035	43030	Gear	2	\$145.14	\$145.14
24	43240	43240	Retaining Ring, Gear	2	\$1.44	\$1.44
25	43235	43230	Idler Shaft	1	\$63.55	\$63.55
26	43250	43250	Ball, Idler Shaft	1	\$2.26	\$2.26
27	43195	43190	Dowel Pin, Drive Shaft	1	\$2.26	\$2.26
28	43046	43039	Drive Shaft	1	\$213.20	\$228.78
-	41362	41362	Motor Repair Kit, Includes 1, 2, 7, 11, 17, & 21		\$114.39	\$114.39

Hydraulic Motor Parts

BAC-75-HYD-304A -12SAE

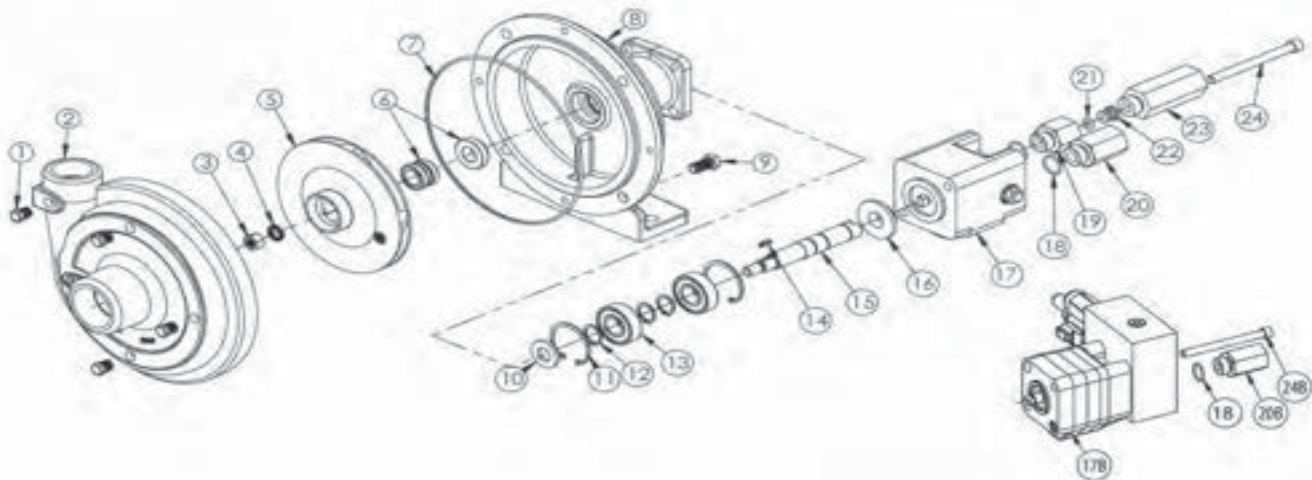
BAC-75-HYD-307A-CD



REF #	Model 304A-12SAE	Model307A-CD	Description	REQ.	Price	Price
1	40162	40162	Seal Support Spacer, S300	1	\$10.25	\$10.25
2	40154	40154	Seal Cartridge, BAC-75-300-TLS	1	\$93.48	\$93.48
3	43056	43056	Spacer Seal/Bearing, Perforated, 300A Series Motor	1	\$32.80	\$32.80
4	43205	43205	Retaining Ring, Bearing	2	\$6.36	\$6.36
5	43225	43225	Ball Bearing	1	\$42.64	\$42.64
6	43016	-	Drive Plate, 300A Series motor	1	\$371.46	N/A
6	-	43017	Drive Plate, #6 SAE Case Drain, 300A Series Motor	1	N/A	\$371.46
7	43130	43130	O-Ring, Housing Seal	2	\$2.26	\$2.26
8	43085	43081	Dowel Pin, Housing	2	\$2.26	\$2.26
9	43005	43001	Gear Housing	1	\$192.70	\$214.02
10	43025	43025	End Plate, #12 SAE End Ports	1	\$343.58	\$343.58
11	43185	43185	Cap screw, 3/8" N.C. Hex head	4	\$2.46	\$2.46
12	43300	43300	Plunger, Coasting Check	1	\$12.51	\$12.51
13	43305	43305	Spring, Coasting Check	1	\$14.76	\$14.76
14	43310	43310	O-Ring, Coasting Check	1	\$1.44	\$1.44
15	43315	43315	Valve Cap, Coasting Check	1	\$18.86	\$18.86
16	43035	43031	Gear	2	\$145.14	\$145.14
17	43240	43240	Retaining Ring, Gear	2	\$1.44	\$1.44
18	43235	43231	Idler Shaft	1	\$63.55	\$63.55
19	43250	43250	Ball, Idler Shaft	1	\$2.25	\$2.25
20	43195	43191	Dowel Pin, Drive Shaft	1	\$2.25	\$2.25
21	43046	43043	Drive Shaft	1	\$228.78	\$228.78
-	41362	41362	Motor Repair Kit, Includes 1,2,7 & 14	-	\$114.39	\$114.39

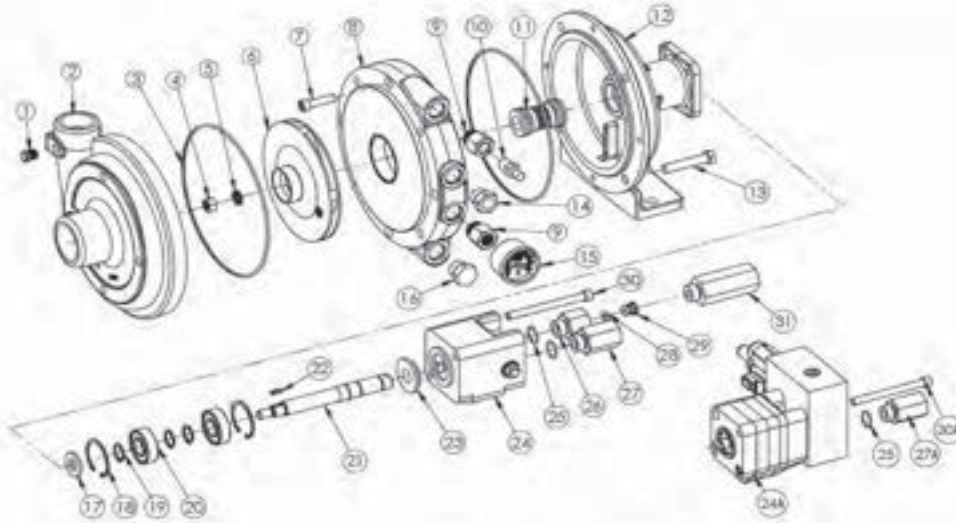
Pro 5 Series Pumps

FMCS-125-HYD Series



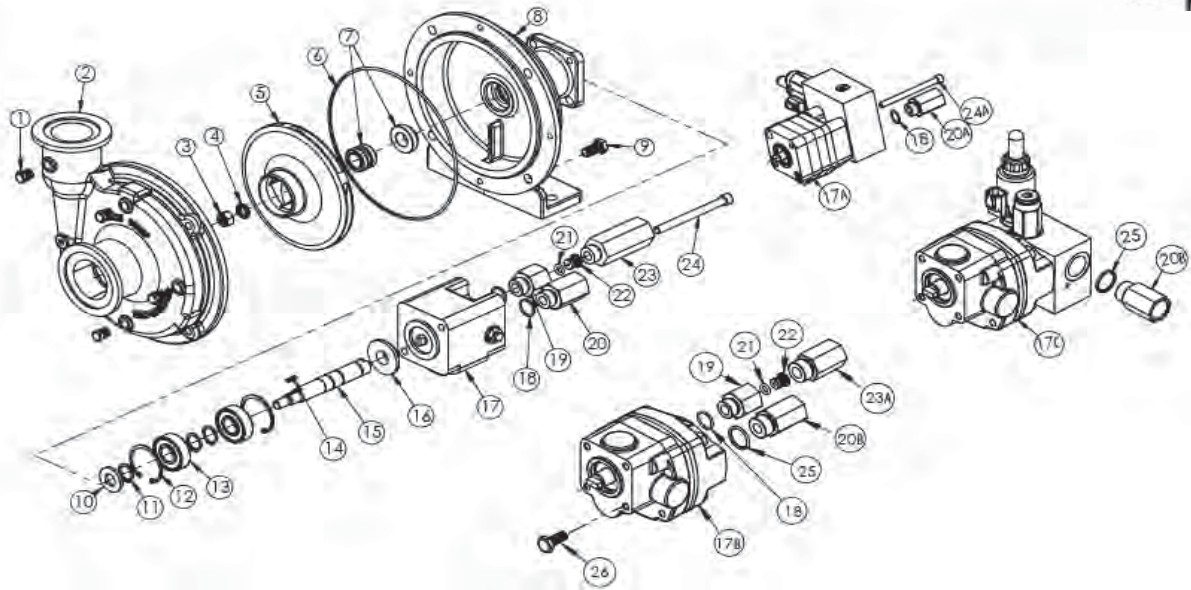
REF. NO.	PART NO.	EDP NO.	DESCRIPTION	REQ.	Price
1	BAC-53	41110	Pipe Plug	4	\$0.82
1	41120	41120	Pipe Plug Stainless Steel (opt)	4	\$5.33
2	BAC-12-125	30147	Volute, 1-1/4" x 1"	1	\$333.74
3	BAC-23-B-SS	40393	Nut, 3/8" NF, Stainless Steel	1	\$1.44
4	BAC-24-B-SS	42702	Washer, 3/8" Stainless Steel Vibration Proof	1	\$7.18
5	BAC-26-125-P	40444	Impeller, Thermoplastic, Keyway	1	\$114.80
6	BAC-7SC-205V	40149	Seal, Mechanical, Silicon carbide	1	\$180.40
7	BAC-4-150	40015	O-Ring, Body Seal	1	\$8.00
8	BAC-14-5-HYD	40288	Mounting Frame	1	\$385.40
9	40950	40950	Cap Screw, 3/8" NC x 3/4" Hex Head	4	\$1.03
9	40930	40930	Cap Screw, 3/8" NC x 3/4" Hex Head Stainless Steel (opt)	4	\$2.67
10	BAC-54	41130	Slinger	1	\$2.26
11	BACH-33	40820	Snap Ring, Internal, BAC-14 Mounting Frame	2	\$1.85
12	BACH-32-HD	40835	Ball Bearing, Sealed, BAC-6 Shaft	3	\$3.49
13	40880	40880	Bearing	2	\$25.83
14	BACH-25	40420	Key, 1/8" x 1/8" x 7/16"	1	\$1.44
15	BAC-6-125-HYD-SS	41582	Shaft, 625 driven with tang slot, Stainless Steel	1	\$150.06
16	S255	40177	Seal Supprt Spacer	1	\$12.92
17	BAC-75-HYD-204-PRO5	41322	Hydraulic Motor, 4 GPM (Includes 17-22, 24)	1	\$724.06
17	BAC-75-HYD-206-PRO5	41329	Hydraulic Motor, 7 GPM (Includes 17-22, 24)	1	\$724.06
17B	BAC-75-HYD-206-PRO5-PWM	41290	Hydraulic Motor, integrated PWM valve, 7GPM (includes 17B,20B,24B)	1	\$1,766.28
18	41875	41875	O-ring, restrictor	1	\$1.44
19	BAC-80-8SAE	41455	Body, restrictor orifice. With o-ring	1	\$23.78
20	BAC-78-8SAE	41441	ReverseCheck Valve, #8 SAE x 1/2" NPTw/o-ring	1	\$30.34
20B	BAC-78-10X8SAE	41462	ReverseCheck Valve, #8 SAE x #10 SAEw/o-ring	1	\$35.26
21	41448	41448	O-ring, restrictor	4	\$1.44
22	BAC-79-5	41457	Orifice insert, restrictor, w/o-ring (204)	1	\$11.89
22	BAC-79-7	41456	Orifice insert, restrictor, w/o-ring (206) (do not use w/206-PWM)	1	\$11.89
23	LS-204N	41417	Flow Limiting valve, #8 MSAEx1/2"FNPT (204) (optional)	1	\$94.30
23	LS-206N	41418	Flow Limiting valve, #8 MSAEx1/2"FNPT (206) (optional)	1	\$94.30
24	41252	41252	Cap screw, 5/16"NCx3-1/2" socket head, SS (for 204 motor)	2	\$3.49
24	41259	41259	Cap screw, 5/16"NCx3-1/2" socket head, SS (for 206 motor)	2	\$3.49
24B	41263	41263	Cap screw, 5/16"NCx6" socket head, SS (for 206 -PWM motor)	2	\$2.26
	RK-FMCS-PRO5	52717	Repair Kit, Includes items 6 and 7		\$196.39
	RK-BAC-75-HYD-L	41374	Repair Kit for 200 Series Hyd. Motor		\$66.01

FMCWS-125-HYD Series



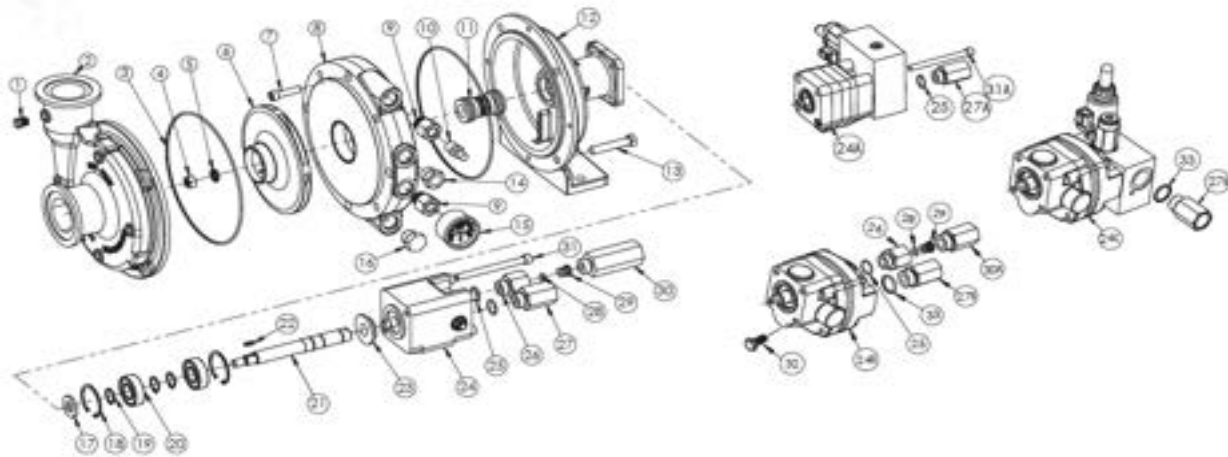
REF. NO.	PART NO.	EDP NO.	DESCRIPTION	REQ.	Price
1	BAC-53	41110	Pipe Plug	4	\$0.82
1	41120	41120	Pipe Plug Stainless Steel (opt)	4	\$5.33
2	BAC-12-125	30147	Volute, Cast iron, 1-1/4"x1"	1	\$333.74
3	BAC-4-150	40015	O-Ring , Body Seal	2	\$8.00
4	BAC-23-B-SS	40393	Nut, 3/8" NF, Stainless Steel	1	\$1.44
5	BAC-24-B-SS	42702	Washer, 3/8" Stainless Steel Vibration Proof	1	\$7.18
6	BAC-26-125-P	40444	Impeller, Thermoplastic , Keyway	1	\$114.80
7	72762	72762	Bolt, 5/16" 18x1 1/4" socket head, SS	4	\$2.67
8	BAC-16	45285	Seal plate, cast iron, e-coated	1	\$463.30
9	41107	41107	Bushing, #8 SAE x 1/4" FNPT, w/ o-ring	2	\$12.51
10	41316	41316	Air Valve, 1/4" NPT	1	\$15.17
11	BAC-7-WS	40139	Seal, dual seal assembly, type 21, 5/8" shaft	1	\$197.62
12	BAC-14-5-HYD	40288	Mounting Frame	1	\$385.40
13	BAC-42	40970	Cap Screw, 5/16"-16x2 NC x 3/4" Hex Head	4	\$1.85
14	55851	55851	Sight gauge, #8 SAE, with o-ring	1	\$49.20
15	50150	50150	Pressure gauge, 0-160 PSI, 1/4" NPT	1	\$32.80
16	41108	41108	Plug, #8 SAE, hex head	1	\$9.02
17	BAC-54	41130	Slinger	1	\$2.26
18	BACH-33	40820	Snap Ring, Internal, Mounting Frame	2	\$1.85
19	BACH-32-HD	40385	Snap Ring, external Shaft	3	\$3.49
20	40880	40880	Bearing	2	\$25.83
21	BAC-6-125-HYD-SS-WS	41581	Shaft, .625 dia. with tang slot, Stainless Steel	1	\$205.00
22	BACH-25	40420	Key, 1/8" x 1/8" x 7/16"	1	\$1.44
23	S255	40177	Seal Supprt Spacer(206N)	1	\$12.92
24	BAC-75-HYD-204-PRO5	41325	Hydraulic Motor, 4 GPM (Includes 25-30)	1	\$724.06
24	BAC-75HYD-206-PRO5	41329	Hydraulic Motor, 7 GPM (Includes 25-30)	1	\$724.06
24A	BAC-75-HYD-206-PRO5-PWM	41290	Hydraulic Motor, integrated PWM valve, 7GPM (includes 27A, 30A)	1	\$1,766.28
24B	BAC-75-HYD-304	41381	Hydraulic Motor, 9 GPM (Includes 23, 24B, 25, 26, 27B, 28, 29)	1	\$988.10
24C	BAC-75-HYD-304-PWM	41348	Hydraulic Motor, integrated PWM valve, 9GPM (includes 23, 24C, 27B, 32, 33)	1	\$2,109.86
25	41875	41875	O-ring, #8 SAE fitting	2	\$1.44
26	BAC-80-8SAE	41455	Body, restrictor orifice. w/ o-ring	1	\$23.78
27	BAC-78-8SAE	41441	Reverse Check Valve, #8 SAE x 1/2" NPT w/o-ring	1	\$30.34
27A	BAC-78-10X8SAE	41462	Reverse Check Valve, #8 SAE x #10 SAE w/o-ring	1	\$35.26
28	41448	41448	O-ring , restrictor	1	\$1.44
29	BAC-79-5	41457	Orifice, restrictor insert (204), w/O-ring	1	\$11.89
29	BAC-79-7	41456	Orifice insert, restrictor , w/o-ring (206) (do not use w/206-PWM)	1	\$11.89
30	41252	41252	Cap screw, 5/16" NCx3-1/2 socket head, SS (or 204 motor	2	\$3.49
30	41259	41259	Cap screw, 5/16" NCx3-3/4" socket head, SS (for 206 motor)	2	\$3.49
30A	41263	41263	Cap screw, 5/16" NCx6" socket head, SS (for 206 -PWM motor)	2	\$2.26
31	LS-204N	41417	Flow Limiting valve , #8 MSAEx1/2" FNPT (204) (optional)	1	\$94.30
31	LS-206N	41418	Flow Limiting valve , #8 MSAEx1/2" FNPT (206) (optional)	1	\$94.30
32	55032	55032	Barrier Fluid, Quart		\$57.40
	RK-FMCWS-PRO5	52728	Repair kit, includes, Items #3(2 of each), 11 and 3		\$271.01
	RK-BAC-75-HYD-L	41374	Repair Kit for 200 Series Hyd. Motor w/ high pressure lip seal		\$66.01

FMCS-155F-HYD Series



REF. NO.	PART NO.	EDP NO.	DESCRIPTION	REQ.	Price
1	BAC-53	41110	Pipe Plug	4	\$0.82
1	41120	41120	Pipe Plug Stainless Steel (opt)	4	\$5.33
2	BAC-12-150-FLG-EC	40266	Volute, Cast iron, NPT and flanged	1	\$400.98
3	BAC-23-B-SS	40393	Nut, 3/8" NF, Stainless Steel	1	\$1.44
4	BAC-24-B-SS	42702	Washer, 3/8" Stainless Steel Vibration Proof	1	\$7.18
5	BAC-26-150-P	40446	Impeller, Thermoplastic , Keyway	1	\$96.76
5	BAC-26-150-CI	40444	Impeller, cast iron , Keyway	1	\$243.54
5	BAC-26-150-PI	40448	Impeller, Thermoplastic , Keyway	1	\$101.68
5	BAC-26-150-SS	40449	Impeller, stainless steel, Keyway	1	\$400.16
6	BAC-4-150	40015	O-Ring , Body Seal	1	\$8.00
7	BAC-7SC-205V	40149	Seal, Mechanical, Silicon carbide	1	\$180.40
8	BAC-14-5-HYD	40288	Mounting Frame	1	\$385.40
9	40950	40950	Cap Screw, 3/8" NC x 3/4" Hex Head	4	\$1.03
9	40930	40930	Cap Screw, 3/8" NC x 3/4" Hex Head Stainless Steel (opt)	4	\$2.67
10	BAC-54	41130	Slinger	1	\$2.26
11	BACH-32-HD	40835	Snap Ring, external Shaft	3	\$3.49
12	BACH-33	40820	Snap Ring, Internal, BAC-14 Mounting Frame	2	\$1.85
13	40880	40880	Bearing	2	\$25.83
14	BACH-25	40420	Key, 1/8" x 1/8" x 7/16"	1	\$1.44
15	BAC-6-125-HYD-SS	41582	Shaft, .625 driven with tang slot, Stainless Steel	1	\$150.06
16	S255	40177	Seal Supprt Spacer(206N)	1	\$12.92
16	S300	40162	Seal Supprt Spacer (304N)	1	\$10.25
17	BAC-75-HYD-206-PRO5	41329	Hydraulic Motor, 7 GPM (Includes 16,17-22, 24)	1	\$724.06
17A	BAC-75-HYD-206-PRO5-PWM	41290	Hydraulic Motor, integrated PWM valve, 7GPM (includes 16, 17A,18,20A,24A)	1	\$1,766.28
17B	BAC-75-HYD-304	41381	Hydraulic Motor, 9 GPM (Includes 16,17B, 18,19, 20B, 21,22)	1	\$988.10
17C	BAC-75-HYD-304-PWM	41348	Hydraulic Motor, integrated PWM valve, 9GPM (includes 16, 17C, 20B,25,26)	1	\$2,109.86
18	41875	41875	O-ring, restrictor	1	\$1.44
19	BAC-80-8SAE	41455	Body, restrictor orifice. w/ o-ring	1	\$23.78
20	BAC-78-8SAE	41441	ReverseCheck Valve, #8 SAE x 1/2" NPTw/o-ring	1	\$30.34
20A	BAC-78-10X8SAE	41462	ReverseCheck Valve, #8 SAE x #10 SAEw/o-ring	1	\$35.26
20B	BAC-78-10X10SAE	41467	ReverseCheck Valve, #10SAE x #10 SAEw/o-ring	1	\$37.31
21	41448	41448	O-ring , restrictor	4	\$1.44
22	BAC-79-7	41456	Orifice insert, restrictor , w/o-ring (206) (do not use w/206-PWM)	1	\$11.89
22	BAC-79-8	41447	Orifice insert, restrictor , w/o-ring (304) (do not use w/304-PWM)	1	\$11.89
23	LS-206N	41418	Flow Liminting valve , #8 MSAEx1/2"FNPT (206) (optional)	1	\$94.30
23A	LS-304N	41429	Flow Liminting valve , #8 MSAEx1/2"FNPT (304) (optional)	1	\$94.30
24	41259	41259	Cap screw, 5/16"NCx3-1/2" socket head, SS (for 206 motor)	2	\$3.49
24A	41263	41263	Cap screw, 5/16"NCx6" socket head, SS (for 206 -PWM motor)	2	\$2.26
25	41445	41445	O-ring, #10 SAE	1	\$1.44
	RK-FMCS-PRO5	52717	Repair Kit, Includes items 6 and 7		\$196.39
	RK-BAC-75-HYD-L	41374	Repair Kit for 200 Series Hyd. Motor w/ high pressure lip seal		\$66.01
	RK-BAC-75-HYD-300-L	41362	Repair Kit for 300 Series Hyd. Motor w/ high pressure lip seal		\$114.39

FMCWS-155F-HYD Series



REF. NO.	PART NO.	EDP NO.	DESCRIPTION	REQ.	Price
1	BAC-53	41110	Pipe Plug	4	\$0.82
1	41120	41120	Pipe Plug Stainless Steel (opt)	4	\$5.33
2	BAC-12-150-FLG-EC	40257	Volute, Cast iron, NPT and flanged	1	\$456.74
3	BAC-4-150	40015	O-Ring , Body Seal	2	\$8.00
4	BAC-23-B-SS	40393	Nut, 3/8" NF,Stainless Stee	1	\$1.44
5	BAC-24-B-SS	42702	Washer, 3/8" Stainless Steel Vibration Proof	1	\$7.18
6	BAC-26-155-P	40453	Impeller, Thermoplastic , Keyway	1	\$123.82
7	72762	72762	Bolt, 5/16" 18x1 1/4" socket head, SS	4	\$2.67
8	BAC-16	45285	Seal plate, cast iron,e-coated	1	\$463.30
9	41107	41107	Bushing, #8 SAE x 1/4" FNPT, w/ o-ring	2	\$12.51
10	41316	41316	Air Valve, 1/4" NPT	1	\$15.17
11	BAC-7-WS	40139	Seal, dual seal assembly, type 21, 5/8" shaft	1	\$197.62
12	BAC-14-5-HYD	40288	Mounting Frame	1	\$385.40
13	BAC-42	40970	Cap Screw, 5/16"-16x2 NC x 3/4" Hex Head	4	\$1.85
14	55851	55851	Sight gauge, #8 SAE, with o-ring	1	\$49.20
15	50150	50150	Pressure gauge, 0-160 PSI, 1/4" NPT	1	\$32.80
16	41108	41108	Plug, #8 SAE, hex head	1	\$9.02
17	BAC-54	41130	Slinger	1	\$2.26
18	BACH-33	40820	Snap Ring, Internal, Mounting Frame	2	\$1.85
19	BACH-32-HD	40835	Snap Ring, external Shaft	3	\$3.49
20	40880	40880	Bearing	2	\$25.83
21	BAC-6-125-HYD-SS-WS	41581	Shaft,.625 dia. with tang slot, Stainless Steel	1	\$205.00
22	BACH-25	40420	Key, 1/8" x 1/8" x 7/16"	1	\$1.44
23	S255	40177	Seal Supplrt Spacer(206N)	1	\$12.92
23	S300	40162	Seal Supplrt Spacer (304N)	1	\$10.25
24	BAC-75-HYD-206-PRO5	41329	Hydraulic Motor, 7 GPM (Includes 16,17-22, 24)	1	\$724.06
24A	BAC-75-HYD-206-PRO5-PWM	41290	Hydraulic Motor, integrated PWM valve, 7GPM (includes 23,24A,25,27A,31A)	1	\$1,766.28
24B	BAC-75-HYD-304	41381	Hydraulic Motor, 9 GPM (Includes 23,24B,25,26,27B,28,29)	1	\$988.10
24C	BAC-75-HYD-304-PWM	41348	Hydraulic Motor, integrated PWM valve, 9GPM (includes 23,24C,27B,32,33)	1	\$2,109.86
25	41875	41875	O-ring, #8 SAE fitting	2	\$1.44
26	BAC-80-8SAE	41455	Body, restrictor orifice. w/ o-ring	1	\$23.78
27	BAC-78-8SAE	41441	ReverseCheck Valve, #8 SAE x 1/2" NPTw/o-ring	1	\$30.34
27A	BAC-78-10X8SAE	41462	ReverseCheck Valve, #8 SAE x #10 SAEw/o-ring	1	\$35.26
27B	BAC-78-10X10SAE	41467	ReverseCheck Valve, #10SAE x #10 SAEw/o-ring	1	\$37.31
28	41448	41448	O-ring , restrictor	1	\$1.44
29	BAC-79-7	41456	Orifice insert,restrictor , w/o-ring (206) (do not use w/206-PWM)	1	\$11.89
29	BAC-79-8	41447	Orifice insert,restrictor , w/o-ring (304) (do not use w/304-PWM)	1	\$11.80
30	LS-206N	41418	Flow Liminting valve , #8 MSAEx1/2"FNPT (206) (optional)	1	\$94.30
30A	LS-304N	41429	Flow Liminting valve , #8 MSAEx1/2"FNPT (304) (optional)	1	\$94.30
31	41259	41259	Cap screw, 5/16"NCx3-3/4" socket head, SS (for 206 motor)	2	\$3.49
31A	41263	41263	Cap screw, 5/16"NCx6" socket head, SS (for 206 -PWM motor)	2	\$2.26
32	41330	41330	Cap Screw, 5/16" NC x 3/4" socket head (for 304 motor)	2	\$1.03
33	41445	41445	O-ring, #10 SAE	1	\$1.44
34	55032	55032	Barrier fluid, quart		\$57.40
	RK-FMCWS-PRO5	52728	Repair kit, includes, Items #3(2 of each), 11, and 34		\$196.39
	RK-BAC-75-HYD-L	41374	Repair Kit for 200 Series Hyd. Motor w/ high pressure lip seal		\$66.01
	RK-BAC-75-HYD-300-L	41362	Repair Kit for 300 Series Hyd. Motor w/ high pressure lip seal		\$114.39



PTOC Series

Suction 1 1/4" - Discharge 1"

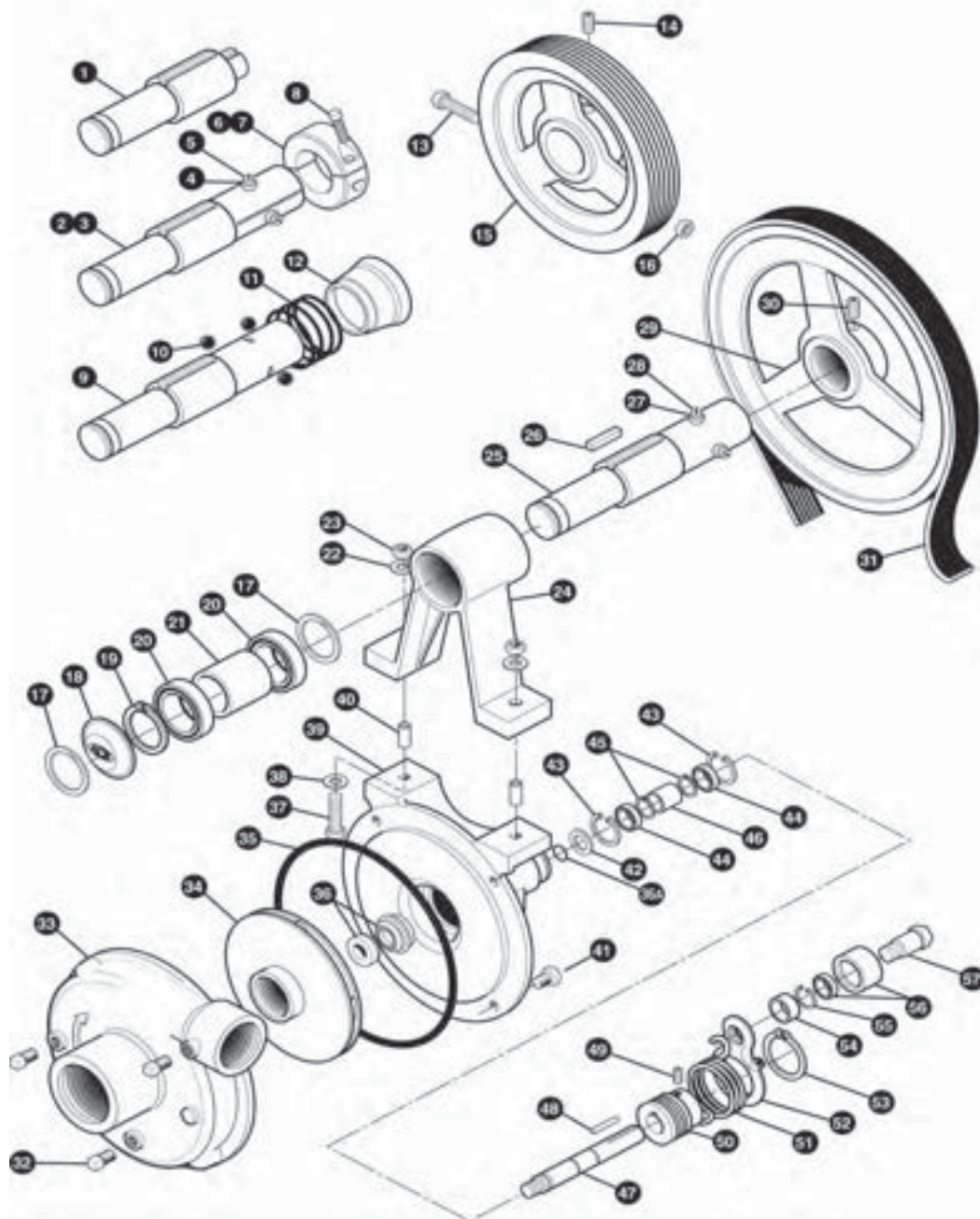
REF. NO.	PART NO.	EDP NO.	DESCRIPTION	REQ.	Price
1	BAC-10-S	40190	1" Tumblerod Stub Drive Shaft	1	\$372.28
2	BAC-10-175-20SP	40180	1-3/4" 20 Tooth Spline PTO Drive Shaft, Includes BAC-11-175	1	\$501.84
3	BAC-10-21SP	40220	1-3/8" 21 Tooth Spline PTO Drive Shaft, Includes BAC-11	1	\$475.60
4	40960	40960	3/8" NC Jam Nut	3	\$1.03
5	BAC-40	40940	3/8" NC Slotted Set Screw	3	\$1.44
6	BAC-11-175	40236	Split Ring Locking Collar for 1-3/4" BAC-10-175-20SP Shaft	1	\$168.10
7	BAC-11	40235	Split Ring Locking Collar for 1-3/8" BAC-10-21SP Shaft	1	\$123.82
8	BAC-11-1	40237	Set Screw (for BAC-11 and BAC-11-175 locking collar)	1	\$1.44
9	BAC-10-6SP-QC	40210	1-3/8" 6 Tooth Spline PTO Drive Shaft for Quick Coupler	1	\$399.34
10	BAC-83-QC	41470	Ball for Quick Coupler	3	\$1.85
11	BAC-82-QC	41460	Spring for Quick Coupler	1	\$12.71
12	BAC-81-QC	41450	Ball Retainer Sleeve for Quick Coupler	1	\$34.44
13	41250	41250	Cap Screw, 5/16" NC x 3-1/4" Hex Head	1	\$2.26
14	41300	41300	3/8" NC x 5/8" Allen Head Set Screw	2	\$1.23
15	BAC-30-10-M	40750	6.375" P.D. x 2" Bore Poly-Vpulley (for PTOC-1000-21SP & B)	1	\$281.26
15	BAC-30-175	40745	6.375" P.D. X 2-3/8" Bore Poly-V Pulley (For PTOC-1000-20SP)	1	\$303.40
16	BAC-63	41260	Nut, 5/16" NC Self-locking, for Tumblerod Drive	1	\$1.23
17	BAC-34	40830	Snap Ring, Internal, BAC-15 Bearing Housing	2	\$5.33
18	BAC-27	40520	Name Plate	1	\$11.40
19	BAC-35	40840	Snap Ring, External, BAC-10 Drive Shaft	1	\$1.44
20	BAC-31-1	40781	Bearing, BAC-10 Drive Shaft (date code 792 and up)	2	\$54.12
21	BAC-38-1	40905	Spacer for BAC-10 Drive Shaft (date code 792 and up)	1	\$39.98
22	BAC-44	40990	Washer, 3/8" Lock Type	2	\$0.82
23	BAC-45	41010	Nut, 3/8" NC Hex	4	\$1.03
24	BAC-15	40340	PTO Drive Shaft Bearing Housing	1	\$223.86
24	BAC-15-B	40370	Tumblerod Drive Shaft Bearing Housing with Mounting Base	1	\$323.90
25	BAC-10-6SP	40200	1-3/8" 6 Tooth Spline PTO Drive Shaft	1	\$393.60
26	BAC-51	41090	Key, 3/8" x 1/2" x 1-1/2". PTO Drive Shaft	1	\$5.95
27	40960	40960	3/8" NC Jam Nut	3	\$1.03
28	BAC-40	40940	3/8" Slotted Set Screw	3	\$1.44
29	BAC-30-10	40740	Pulley, 10.6" P.D. x 2" Bore Poly-V Driven, 10 Groove (for PTOC-600)	1	\$291.92
30	41300	41300	3/8" NC x 5/8" Allen Head Set Screw	2	\$1.23
31	BAC-28-10	40610	Belt, 10 groove (for PTOC-600)	1	\$62.32
31	BAC-28-10-M	40620	Belt, 10 groove (for PTOC-1000)	1	\$62.32
32	BAC-53	41110	Pipe Plug, 1/8" NPT	3	\$0.82
32	41120	41120	Pipe Plug, 1/8" NPT, Stainless Steel (Optional)	3	\$5.33
33	BAC-12	40250	Volute, 1-1/4" x 1", Cast Iron	1	\$273.06
34	BAC-26-CI	40432	Impeller, Caset Iron, Left Hand Thread (Optional)	1	\$223.04
34	BAC-26-VALOX	40430	Impeller, Valox, Left Hand Thread	1	\$96.76
35	BAC-4A	40005	O-Ring, Volute Seal	1	\$8.00
36	BAC-7SC	40152	Silicon Carbide Seal (Includes 40160) (Optional)	1	\$180.40
36	BAC-7V	40151	Seal, Viton Mechanical Seal (includes 40160 O-Ring)	1	\$52.48
36A	40160	40160	O-Ring for Mechanical Seal	1	\$1.23
37	BAC-42	40970	Cap Screw, 3/8" NC x 1-3/4" Hex Head	2	\$1.85
38	BAC-43	40980	Washer, 3/8" Flat	2	\$0.82
39	BAC-14-MIA	40290	Mounting Frame, Machined for Idler Arm	1	\$300.12
40	BAC-15-PIN	40799	Alignment Pin for PTOC Pumps	2	\$1.44
41	40930	40930	Cap Screw, 3/8" NC x 3/4" Hex Head, Stainless Steel (Optional)	4	\$2.67
41	40950	40950	Cap Screw, 3/8" NC x 3/4" Hex Head	4	\$1.03
42	BAC-54	41130	Slinger	1	\$2.26
43	BAC-33	40810	Snap Ring, Internal, BAC-14 Mounting Frame	2	\$2.26
44	BAC-37	40870	Bearing, BAC-6 Driven Shaft	2	\$20.91
45	BAC-32	40790	Snap Ring, External, BAC-6 Driven Shaft	2	\$1.23
46	BAC-32-S	40795	Spacer for BAC-6 Shaft	1	\$6.36
47	BAC-6-SS	40070	Shaft, 5/8" Driven Shaft Left Hand Course Thread, Stainless Steel	1	\$140.20
48	BAC-50	41080	Key for Driven Pulley, 3/16" x 3/16" x 1-1/4"	1	\$1.82
49	BAC-57	41180	Set Screw, 5/16" NC x 5/16" Allen Head for BAC-29-10 Pulley	2	\$1.23
50	BAC-29-10-1.50	40680	Pulley, 1.5" P.D. x 5/8" Bore Poly-V Driven, 10 Groove (for PTOC-600)	1	\$88.56
51	BAC-5	40030	Spring, Torsion Type For PTOC Series Idler Arm	1	\$23.80
52	BAC-13	40270	Idler Arm	1	\$101.68
53	BAC-36	40850	Snap Ring, External, BAC-13 Idler Arm	1	\$2.26
54	BAC-46	41020	Spacer, 5/8"	1	\$31.57
55	41070	41070	Retainer Ring	1	\$1.03
56	BAC-55	41140	Idler Bearing and Outer Roller Assy.	1	\$73.80
57	BAC-47	41040	Cap Screw, 5/8" NC x 2-1/8" Hex Head Idler	1	\$8.41



PTOC Series

Suction 1 1/4" - Discharge 1"

PART NO.	EDP NO.	DESCRIPTION	REQ.	Price
BAC-52	41100	1/4" Cold Shut, Torque Chain Anchor	1	\$4.51
BAC-58	41190	Zerk Fitting, 1/4" , for Idler Arm	1	\$3.49
BAC-55-A	41150	Idler Arm and Outer Roller Assy. (includes #52 - 57 and BAC-58)	1	\$216.48
BGKB	52610	Belt and shaft guard kit for all PTOC 150 Cent. pumps	1	\$169.33
RK-PTOC-600	51150	Repair Kit for 600 RPM Models, Includes Belt, Seal, and O-Ring	1	\$122.80
RK-PTOC-1000	51250	Repair Kit for 1000 RPM Models, Includes Belt, Seal, and O-Ring		\$122.80
RK-FMC	52700	Repair Kit For Pump Only, Includes Seal, And O-ring	1	\$62.32
RK-FMCSC	52706	Repair Kit For Pump Only, Includes Silicon Carbide Seal, And O-ring	1	\$190.24
FMC-MIA	47000	Pump End Only, Machined to Accept Idler Arm		\$651.90





PTOC-150 SERIES

Suction 1-1/2" - Discharge 1-1/4'

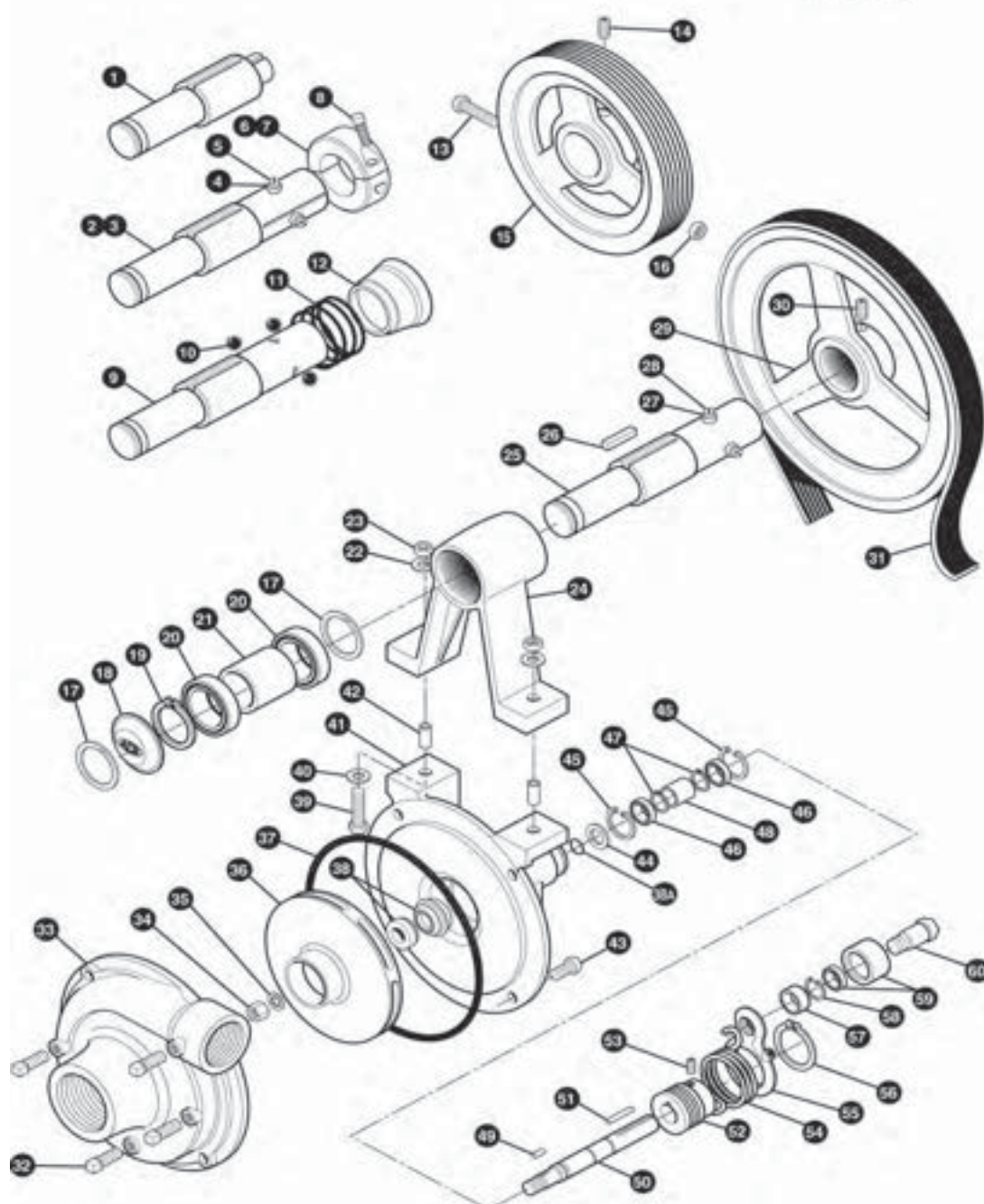
REF. NO.	PART NO.	EDP NO.	DESCRIPTION	REQ.	Price
1	BAC-10-S	40190	1" Tumblerod Stub Drive Shaft	1	\$372.28
2	BAC-10-175-20SP	40180	1-3/4" 20 Tooth Spline PTO Drive Shaft, Includes BAC-11-175	1	\$501.84
3	BAC-10-21SP	40220	1-3/8" 21 Tooth Spline PTO Drive Shaft, Includes BAC-11	1	\$475.60
4	40960	40960	3/8" NC Jam Nut	3	\$1.03
5	BAC-40	40940	3/8" NC Slotted Set Screw	3	\$1.44
6	BAC-11-175	40236	Split Ring Locking Collar for 1-3/4" BAC-10-175-20SP Shaft	1	\$168.10
7	BAC-11	40235	Split Ring Locking Collar for 1-3/8" BAC-10-21SP Shaft	1	\$123.82
8	BAC-11-1	40237	Set Screw (for BAC-11 and BAC-11-175 locking collar	1	\$1.44
9	BAC-10-6SP-QC	40210	1-3/8" 6 Tooth Spline PTO Drive Shaft for Quick Coupler	1	\$399.34
10	BAC-83-QC	41470	Ball for Quick Coupler	3	\$1.85
11	BAC-82-QC	41460	Spring for Quick Coupler	1	\$12.71
12	BAC-81-QC	41450	Ball Retainer Sleeve for Quick Coupler	1	\$34.44
13	41250	41250	Cap Screw, 5/16" NC x 3-1/4" Hex Head	1	\$2.26
14	41300	41300	3/8" NC x 5/8" Allen Head Set Screw	2	\$1.23
15	BAC-30-175-150	40746	Pulley, 7.9" P.D. x 2-3/8" Bore PolyV Driven Pulley, 10 Groove (for PTOC-150-1000-20SP)	1	\$330.46
15	BAC-30-10-M-150	40751	Pulley, 7.9" P.D. x 2" Bore Poly-V Driven Pulley, 10 Groove (for PTOC-150-1000-21SP & -B)	1	\$303.40
16	BAC-63	41260	Nut, 5/16" NC Self-Locking, for Tumblerod Drive	1	\$1.23
17	BAC-34	40830	Snap Ring, Internal, BAC-15 Bearing Housing	2	\$5.33
18	BAC-27	40520	Name Plate	1	\$11.40
19	BAC-35	40840	Snap Ring, External, BAC-10 Drive Shaft	1	\$1.44
20	BAC-31-1	40781	Bearing, BAC-10 Drive Shaft (date code 792 and up)	2	\$54.12
21	BAC-38-1	40905	Spacer for BAC-10 Drive Shaft (date code 792 and up)	1	\$39.98
22	BAC-44	40990	Washer, 3/8" Lock Type	2	\$0.82
23	BAC-45	41010	Nut, 3/8" NC Hex	4	\$0.82
24	BAC-15	40340	PTO Drive Shaft Bearing Housing	1	\$223.86
24	BAC-15-B	40370	Tumblerod Drive Shaft Bearing Housing with Mounting Base	1	\$323.90
25	BAC-10-6SP	40200	1-3/8" 6 Tooth Spline PTO Drive Shaft	1	\$393.60
26	BAC-51	41090	Key, 3/8" x 1/2" x 1-1/2". PTO Drive Shaft	1	\$5.95
27	40960	40960	3/8" NC Jam Nut	3	\$1.03
28	BAC-40	40940	3/8" Slotted Set Screw	3	\$1.44
29	BAC-30-10-150	40741	Pulley, 11.6" P.D. x 2" Bore Poly-V Driven Pulley, 10 Groove (for PTOC-150-600)	1	\$314.88
30	41300	41300	3/8" NC x 5/8" Allen Head Set Screw	2	\$1.23
31	BAC-28-10-150	40611	Belt, 10 groove (for PTOC-150-600)	1	\$68.06
31	BAC-28-10M-150	40621	Belt, 10 groove (for PTOC-150-1000)	1	\$68.06
32	BAC-53	41110	Pipe Plug, 1/8" NPT	3	\$0.82
32	41120	41120	Pipe Plug, 1/8" NPT, Stainless Steel (optional)	3	\$5.33
33	BAC-12-150	40255	Volute, 1-1/2" x 1-1/4", Cast Iron	1	\$338.66
34	BAC-23-A	40391	Nut, 3/8" N.F. Hex, Cad Plated Locknut	1	\$2.67
35	BAC-24-HYD-SS	40400	Washer, 3/8" Stainless Steel	1	\$1.85
36	BAC-26-150-CI	40445	Impeller, Cast Iron, with Keyway	1	\$243.54
36	BAC-26-150-P	40446	Impeller with Keyway, Thermoplastic	1	\$96.76
37	BAC-4-150	40015	O-Ring, volute seal	1	\$8.00
38	BAC-7V	40151	Seal, Viton Mechanical Seal (includes 40160 O-Ring)	1	\$52.48
38	BAC-7SC	40152	Seal, Silicon Carbide Mechanical Seal (includes 40160 O-Ring) (optional)	1	\$180.40
38A	40160	40160	O-Ring for Mechanical Seal	1	\$1.44
39	BAC-42	40970	Cap Screw, 3/8" NC x 1-3/4" Hex Head	2	\$1.85
40	BAC-43	40980	Washer, 3/8" Flat	2	\$0.82
41	BAC-14-150-MIA	40308	Mounting Frame, Machined for Idler Arm	1	\$355.88
42	BAC-15-PIN	40799	Alignment Pin for PTOC Pumps	2	\$1.44
43	40930	40930	Cap Screw, 3/8" NC x 3/4" Hex Head, Stainless Steel (optional)	4	\$2.67
43	40950	40950	Cap Screw, 3/8" NC x 3/4" Hex Head	4	\$1.03
44	BAC-54	41130	Slinger	1	\$2.26
45	BAC-33	40810	Snap Ring, Internal, BAC-14 Mounting Frame	2	\$2.26
46	BAC-37	40870	Bearing, BAC-6 Driven Shaft	2	\$20.91
47	BAC-32	40790	Snap Ring, External, BAC-6 Driven Shaft	2	\$1.03
48	BAC-32-S	40795	Spacer for BAC-6 Shaft	1	\$1.44
49	BACH-25	40420	Key for Impeller, 1/8" x 1/8" x 7/16"	1	\$1.44
50	BAC-6-150/200-SS	40056	Shaft, 5/8" Driven Shaft with Keyway, Stainless Steel	1	\$138.58
51	BAC-50	41080	Key for Driven Pulley, 3/16" x 3/16" x 1-1/4"	1	\$1.85
52	BAC-29-10-1.35	40675	Pulley, 1.35" P.D. x 5/8" Bore Poly-V Driven Pulley, 10 Groove (for PTOC-150-600)	1	\$88.56
52	BAC-29-10-1.7	40681	Pulley, 1.7" P.D. x 5/8" Bore Poly-V Driven Pulley, 10 Groove (for PTOCH & PTOC-150-1000)	1	\$88.56
53	BAC-57	41180	Set Screw, 5/16" NC x 5/16" Allen Head for BAC-29-10 Pulley	2	\$1.23
54	BAC-5-150	40035	Spring, Torsion Type For PTOC-150 Series Idler Arm	1	\$27.06
55	BAC-13	40270	Idler Arm	1	\$101.68
56	BAC-36	40850	Snap Ring, External, BAC-13 Idler Arm	1	\$2.26
57	BAC-46	41020	Spacer, 5/8"	1	\$31.57
58	41070	41070	Retainer Ring	1	\$1.03
59	BAC-55	41140	Idler Bearing and Outer Roller Assy.	1	\$73.80
60	BAC-47	41040	Cap Screw, 5/8" NC x 2-1/8" Hex Head Idler	1	\$8.41
#	BGKB	52610	Belt and shaft guard kit for all PTOC 150 Cent. pumps	1	\$169.33
#	BAC-52	41100	1/4" Cold Shut, Torque Chain Anchor	1	\$0.51
#	BAC-55-A	41150	Idler Arm nad Outer Roller Assy. (includes #55 - 60)	1	\$216.48
#	BAC-58	41190	Zerk Fitting, 1/4" , for Idler Arm	1	\$3.49
#	BAC-31-RETRO	40782	Retrofit Kit, BAC-31 to BAC-31-1	1	\$183.27
#	RK-PTOC-150-600	51155	Repair Kit for 600 RPM Models, Includes Belt, Seal, and O-Ring		\$128.54
#	RK-PTOC-150-1000	51255	Repair Kit for 1000 RPM Models, Includes Belt, Seal, and O-Ring		\$128.54
#	RK-FMC-150	52710	Repair Kit For Pump Only, Includes Seal, And O-ring		\$62.32
#	RK-FMCSC-150	52711	Repair Kit For Pump Only, Includes Silicon Carbide Seal, And O-ring		\$190.24
#	FMC-150-MIA	47008	Pump End Only, Machined to Accept Idler Arm		\$667.48

PTOC-150

1 1/2 x 1 1/4

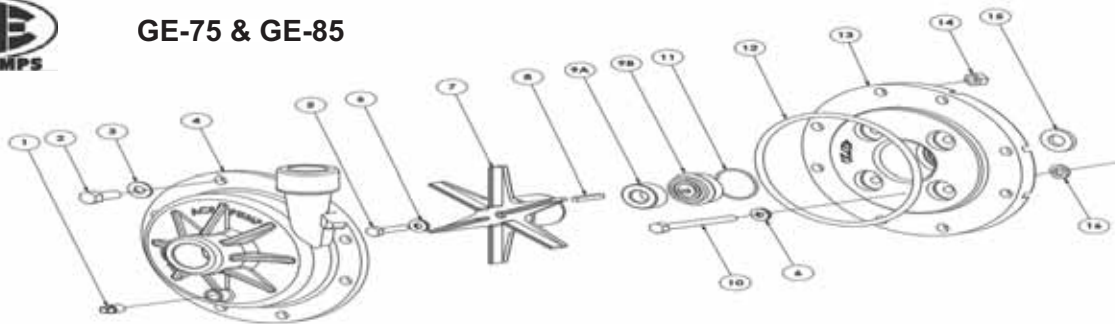


PTOC-150





GE-75 & GE-85



GE-75



5/8" Shaft

REF. #	Part #	EDP #	Description	REQ	Price
1	BAC-53-P	41109	Pipe Plug, 1/8" NPT, Plastic	1	\$2.26
2	80250	80250	Cap Screw, 3/8"-16 x 7/8", Hex Head	8	\$2.46
3	42701	42701	Washer, 3/8" Flat	8	\$1.03
4	GE-12-75	42700	Volute, 3/4" x 1", Polypropylene	1	\$133.66
5	42240	42240	Cap Screw, 1/4"-28 x 1", Hex, Stainless Steel	1	\$3.49
6	30028	30028	Washer, Sealing	5	\$2.26
7	GE-26-75	42710	Impeller, with Keyway, Polypropylene	1	\$62.94
8	41082	41082	Key, 3/16" x 3/16" x 15/16"	1	\$1.44
9	BAC-7-75V	42730	Seal, 5/8", Viton Type Rubber	1	\$50.84
10	42245	42245	Cap Screw, M8 x 60, Stainless Steel (Honda)	4	\$4.51
10	42238	42238	Cap Screw, 5/16"NF x 2-1/4" (Briggs)	4	\$3.28
11	40159	40159	O-Ring, Shaft Seal,	1	\$1.44
12	40017	40017	O-Ring, Volute Seal,	1	\$14.35
13	GE-14-75	42720	Bracket, GE-75, Polypropylene	1	\$144.32
14	BAC-45	41010	Nut, Hex, 3/8"	8	\$1.03
15	BAC-54	41130	Slinger	1	\$2.26
16	41488	41488	Spacer, Bracket (Briggs)	4	N/A
#	RK-GE-75	60840	Repair Kit For GE-75		\$77.90



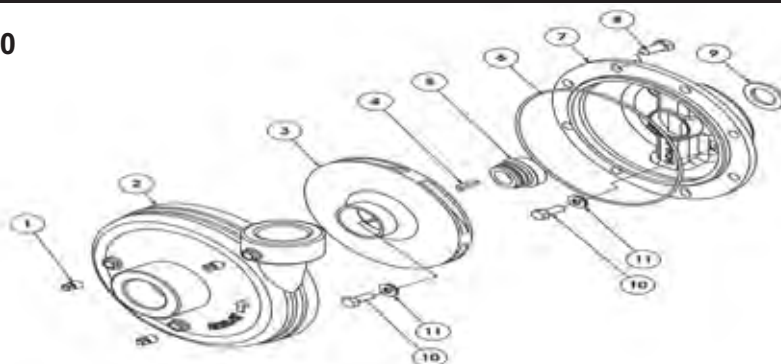
3/4" Shaft

GE-85

ALL PARTS SAME AS GE-75 BESDIES ONES LISTED BELOW

REF. #	Part #	EDP #	Description	REQ	Price
5	GE-60-SS	42235	Cap Screw, 5/16"NF x 3/4", Hex, Stainless Steel	1	\$1.85
7	GE-26-85	42711	Impeller, with Keyway, Polypropylene	1	\$62.94
9	BAC-7-660V	30225	Seal, 3/4", carbon/ceramic/viton rubber	1	\$63.96
9	BAC-7SC-660V	30226	Seal, 3/4", silicon carbide/viton (optional)	4	\$203.36
13	GE-14-85	42721	Bracket, GE-85, Polypropylene	1	\$144.32
#	RK-GE-85	60845	Repair kit for GE-85		\$91.02
#	RK-GESC-85	60846	Repair kit for GE-85, silicon carbide shaft seal		\$230.42

GE-660



3/4" Shaft

REF. #	Part #	EDP #	Description	REQ	Price
1	BAC-53	41110	Pipe Plug, 1/8"NPT	3	\$0.82
1	41120	41120	Pipe Plug, 1/8"NPT, Stainless Steel (Optional)	3	\$5.33
2	ACAL-12	30161	Volute, 1 1/2" x 1 1/4", Clockwise Rotation	1	\$343.58
3	ACAL-28-660	30171	Impeller, Cast Iron, 3/4" Keyed Shaft	1	\$366.54
4	41081	41081	Key, Impeller, 3/16" x 3/16" x 3/4"	1	\$1.44
5	BAC-7-660V	30225	Seal, Type 6A-3/4, Carbon/Ceramic/Viton	1	\$63.96
5	BAC-7SC-660V	30226	Seal, Type 6A-3/4, Silicon Carbide/Viton	1	\$203.36
6	BAC-4-150	40015	O-RING, Volute Seal	1	\$8.00
7	ACAL-66	30186	Bracket, GE-660 Keyed shaft	1	\$335.38
8	40950	40950	Cap Screw, 3/8" NC x 3/4" Hex Head	8	\$1.03
8	40930	40930	Cap Screw., 3/8" NC x 3/4", Stainless Steel (Optional)	8	\$2.67
9	GE-54 660	42222	Slinger	1	\$6.36
10	GE-60-SS	42235	Cap Screw, 5/16" NF x 3/4", Stainless Steel	5	\$1.85
11	30028	30028	Washer, Sealing, 5/16" ID	5	\$2.26
#	RK-GE-660	61162	Repair Kit		\$83.23
#	RK-GESC-660	61167	Repair Kit With Silicon Carbide/Viton Seal		\$222.63

2" Cast Iron Pump 222 Series



Self-Priming Cast Iron Pumps Gas Engine Driven

Note: Can Not Ship UPS

Part No.	Description	Price
222PI6PRO	2" x 2" Cast Iron Pump x 6.5 HP Briggs Pro Series	\$1,290.00
222PIH5	2" x 2" Cast Iron Pump x 5.5 HP Honda	\$1,990.00



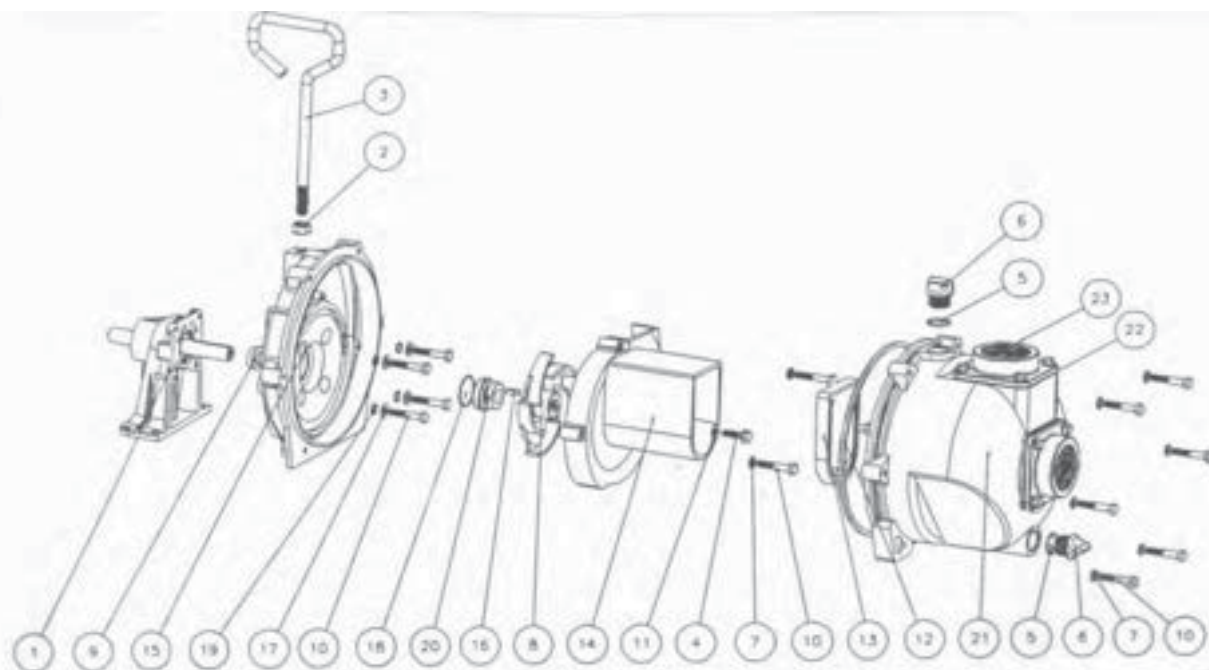
Actual Pump May Vary

Cast Iron Pump Only

Part No.	Description	Price
222POI	2" Cast Iron Pump Only	\$699.73

Cast Iron Pedestal Pump

Part No.	Description	Price
222PBI	2" Cast Iron Pump W/Pedestal	\$955.51



Item	Part No.	Description	Qty.	Price
1	12882A	Bearing Ped Assy	1	\$302.00
1	12600B	Hydraulic Assy	1	\$687.69
2	17010	1/2" Jam Nut	1	\$1.76
3	15022	2" Pump Handle	1	\$22.88
4	12765A	5/16-24x1.12 Imp Nut	1	\$24.15
5*	13778	2-119 O-Ring	2	\$2.51
6	13777	Prime/Drain Plug	2	\$5.52
7	V10118	5/16" Lockwasher	9	\$1.41
8*	15772	5 Vane Impeller	1	\$100.81
9	12716	Pump Slinger	1	\$7.28
10	12715A	HHCS 5/16-24x1.75	13	\$4.86
11*	12774VA	Imp Bolt Gasket	1	\$1.97
12*	12719A	2-375 Body O-Ring	1	\$17.76
13*	12705	Check Valve	1	\$19.60
14	15702	Volute	1	\$151.93
15	15703	Rear Bracket	1	\$153.22
16	12902A	3/16 sq x 5/8" Key	1	\$2.36

Item	Part No.	Description	Qty.	Price
17	12901	5/16" Flat Washer	4	\$1.25
18	12710	2-029 O-Ring	1	\$4.91
19*	12717	2-011 O-Ring	4	\$1.13
20*	12713V	Seal Assembly	1	\$88.40
20	12713SD	Severe Duty Seal	1	\$284.88
21	15712	Pump Body Assy	1	\$290.02
22	17013	Flange Gasket	2	\$8.53
23	17000	Threaded Flange	2	\$45.34
N/S*	15751	Bracket Shim	1	\$4.67
N/S*	15752	Impeller Shim	1	\$2.06
N/S	17033	Z-Rails	1pr.	\$52.14
N/S	17034	HHCS 5/16-18x1-3/4" Zinc Plated	4	N/A
N/S	V10119	5/16"-18 Hex Nut	4	\$1.41
N/S	V10118	5/16" Lockwasher	4	\$1.41
N/S*	15000	Repair Kit (Items w/*)	1	\$181.73
N/S	15999	Seal Kit same as above w/o Imp	1	\$82.27
N/S	15000V	Repair Kit (Viton)	1	\$336.09
N/S	15999V	Repair Kit (Viton)	1	\$108.03

Banjo 2" Poly Transfer Pump

Poly Pumps Gas Engine Pumps w/EPDM Parts

PART NO.	DESCRIPTION	PRICE
200P6PRO	2" Poly x 6.5 HP Briggs Pro	\$650.00
200PH-5	2" Poly x 5.5 HP Honda	\$950.00

Wet Seal Poly Pump

PART NO.	DESCRIPTION	PRICE
200PH5W	2" Wet Seal x 5.5 Honda	\$1,750.00

Manifold Pump Only

PART NO.	DESCRIPTION	PRICE
M220PO	2" Poly Manifold pump only w/3/4" shaft & 5 vane Impellor	\$423.83

Poly Pump Only (unassembled)

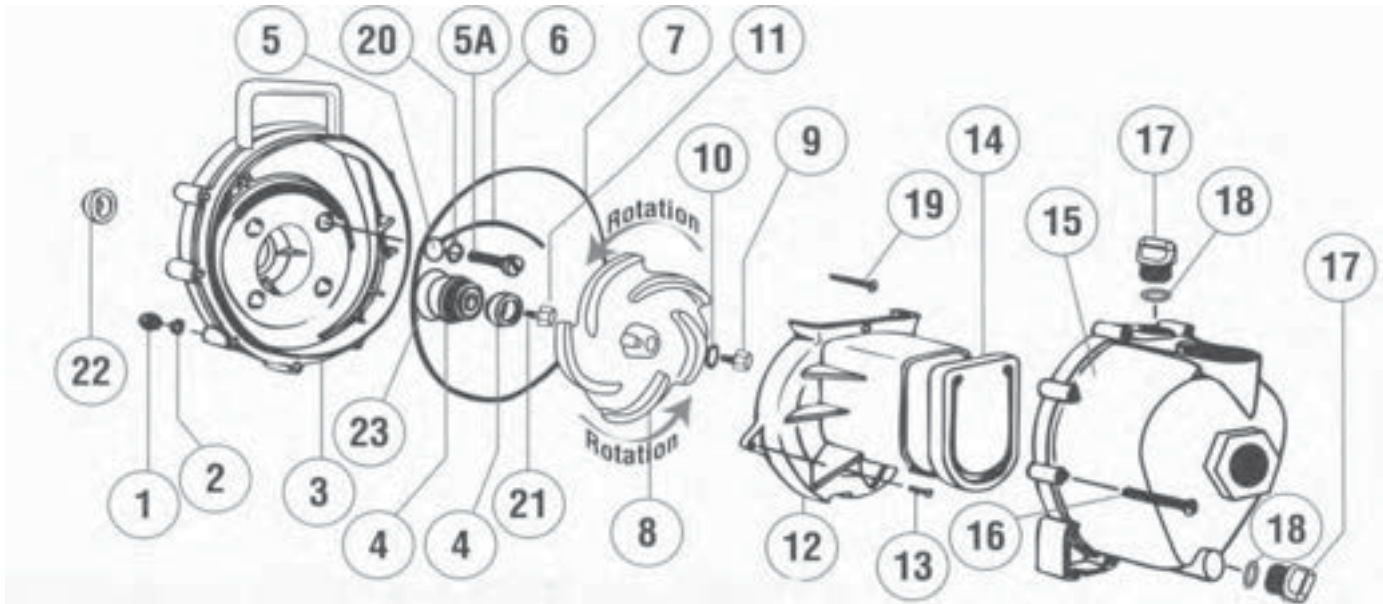
PART NO.	DESCRIPTION	Price
205PO	2" Poly Pump ONLY	\$353.18

Poly Pump Hydraulic Driven

PART NO.	DESCRIPTION	Price
200PHY	2" Hyd. Driven Poly Pump	\$1,501.62

Bearing Pedestal Pumps (Poly)

PART NO.	DESCRIPTION	Price
205PB	2" Poly w/Ped. 3/4" Shaft	\$544.64



REF. NO.	DESCRIPTION	REQ.	Part No. For:		PRICE
			1-1/2"	2"	
1	Body Nut SS	10	V07019	V07019	\$1.35
2	Lock Washer SS	10	V07018	V07018	\$1.28
3	Poly Pump Rear Bracket	1	12703A	12703A	\$108.57
4	Seal Assembly * +	1	12713	12713	\$53.14
5	Screw Heads "O" Ring **	4	12717	12717	\$1.13
5A	SS Bracket Screws	4	12715A	12715A	\$4.86
6	O-Ring Segment *+	1	12754	12754	\$7.80
7	Body O-Ring **	1	12719A	12719A	\$17.76
8	3/5 Vane Impeller +	1	12771A	12772	\$50.92
9	Impeller Bolt SS	1	12765A	12765A	\$24.15
10	Impeller Bolt Gasket *+	1	12774VA	12774VA	\$1.97
11	Impeller Hex Nut	1	12775A	12775A	\$19.18
12	Poly Pump Volute	1	12702A	12702A	\$81.71
13	Volute Screws SS	2	12725	12725	\$4.59
14	Poly Pump Check Valve +	1	12705	12705	\$19.60

REF. NO.	DESCRIPTION	REQ.	Part No. For:		PRICE
			1-1/2"	2"	
15	Poly Pump Body Assembly	1	12711A	12712A	\$167.87
15	Manifold Poly Pump Body	1	N/A	M12712	\$234.97
16	Body Screws SS	10	12720	12720	\$5.07
17	Prime - Drain Plug	2	12777	12777	\$3.47
18	Prime - Drain Plug O-Ring **	2	UV15163	UV15163	\$1.24
19	Upper Volute Screw SS	1	12900	12900	\$1.91
20	Rear Braket Washer SS	1	12901	12901	\$1.25
21	Impeller Key	1	12902A	12902A	\$2.36
22	Poly Pump Slinger * +	1	12716	12716	\$7.28
23	O-Ring for Seal Assembly *+	1	12710	12710	\$4.91
N/S	Complete Bearing Pedestal	1	12882A	12882A	\$302.00
N/S	Repair Kit (Items Marked +)	1	12000A	12000A	\$161.45
N/S	Seal/O-Ring Kit (Items Marked +)	1	12999A	12999A	\$89.10
	Roll Cage for 2" Poly Pumps		PRC200		N/A

Banjo 3" Poly Transfer Pump

3" Poly Pumps Gas Engine Pumps w/EPDM Parts

PART NO.	DESCRIPTION	Price
300P11Pro	3" Poly x 11 HP Briggs	\$2,051.98
300PH-6	3" Poly x 6.5 HP Honda	\$1,350.00

3" Poly Pump Only (unassembled)

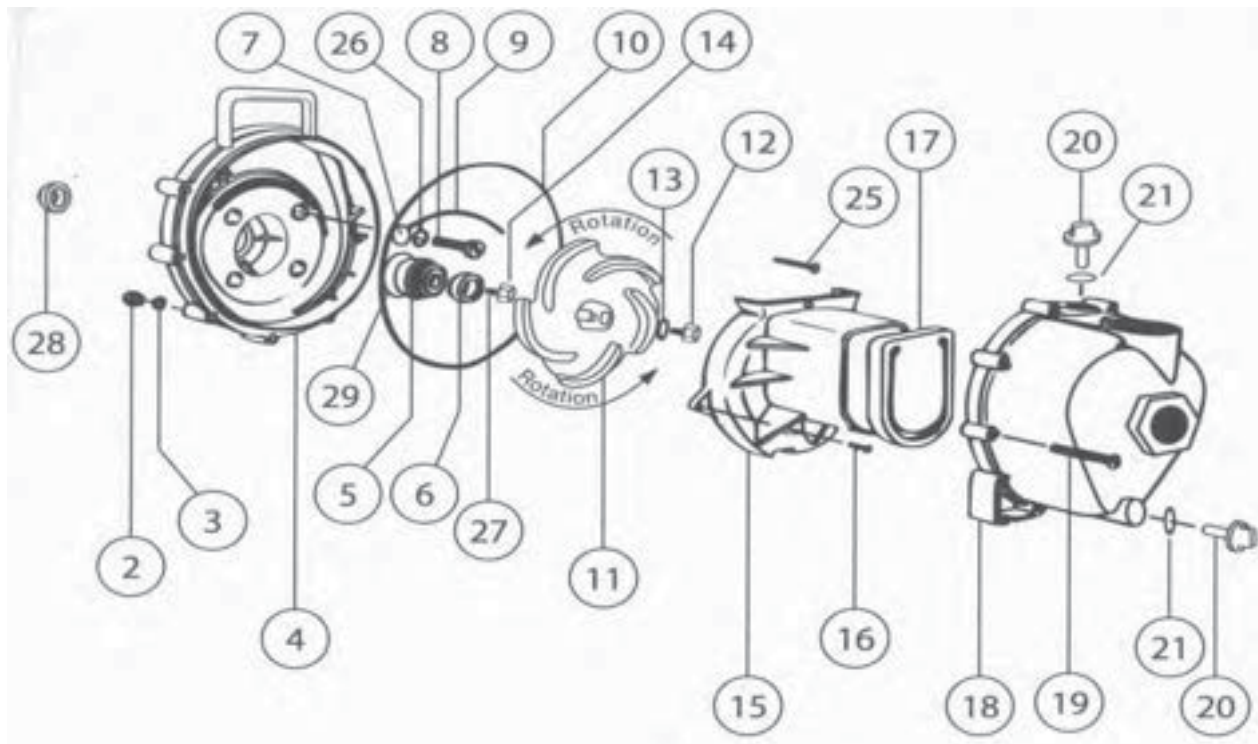
PART NO.	DESCRIPTION	Price
300PO	3" Poly Pump ONLY	\$500.08

3" Poly Pump Hyd. Driven

PART NO.	DESCRIPTION	Price
300PHY	3" Hyd. Drive Pump	\$1,653.86

Bearing Pedestal Pumps (3" Poly)

PART NO.	DESCRIPTION	Price
300PB	3" w/Ped. 3/4" Shaft	\$825.60



REF. NO.	DESCRIPTION	REQ.	3"	PRICE
2	Body Nut SS	10	V07019	\$1.36
3	Lock Washer SS	10	V07018	\$1.28
4	Poly Pump Rear Bracket	1	12703A	\$108.57
5&6	Seal Assembly * +	1	12713	\$53.14
7	Screw Heads "O" Ring **	4	12717	\$1.13
8	Bracket Screws SS	4	12715A	\$4.86
9	O-Ring Segment **	1	12754	\$7.80
10	Body O-Ring **	1	12719A	\$17.76
11	4 Vane Trimmed Impeller For (300PH-6, 300PB & 300PO)	1	13771	\$71.63
11	4 Vane Impeller(300P11PRO)	1	13772	\$71.63
12	Impeller Bolt SS	1	12765A	\$24.15
13	Impeller Bolt Gasket **	1	12774VA	\$1.97
14	Impeller Hex Nut	1	12775A	\$19.18
15	Poly Pump Volute	1	13702	\$88.40

REF. NO.	DESCRIPTION	REQ.	3"	PRICE
16	Volute Screws SS	2	12725	\$4.59
17	Poly Pump Check Valve	1	12705	\$19.60
18	Poly Pump Body	1	13712	\$223.80
18	Manifold Poly Pump Body	1	M13712	\$246.19
19	Body Screws SS	10	12720	\$5.07
20	Prime - Drain Plug	2	13777	\$5.52
21	Prime - Drain Plug O-Ring **	2	13778	\$2.51
25	Upper Volute Screw SS	1	12900	\$1.91
26	Rear Braket Washer SS	1	12901	\$1.25
27	Impeller Key	1	12902A	\$2.36
28	Poly Pump Slinger * +	1	12716	\$7.28
29	O-Ring for Seal Assembly **	1	12710	\$4.91
N/S	Complete Bearing Pedestal	1	12882A	\$302.00
N/S	Repair Kit (Items Marked +)	1	12000A	\$161.45
N/S	Seal/O-Ring Kit (Items Marked *)	1	13999	\$89.10

Banjo Cast Iron Self-Priming Pumps

1-1/2" and 2"

Gas Engine Driven Cast Iron Pumps

PART NO.	DESCRIPTION	Price
200PI6PRO	2" x 2" Cast Iron Pump x 6.5 H.P. Briggs PRO	\$1,261.16
200PIH-5	2" x 2" Cast Iron Pump x 5.5 H.P. Honda	\$2,111.97

Cast Iron Wet Seal Pump

PART NO.	DESCRIPTION	Price
201PIH5W	2" CI Wet Seal x 5.5 HP Honda	\$2,451.52

Cast Iron Pumps Only

PART NO.	DESCRIPTION	Price
200POI	2" CI Pump ONLY	\$741.49

Cast Iron Pedestal Pumps

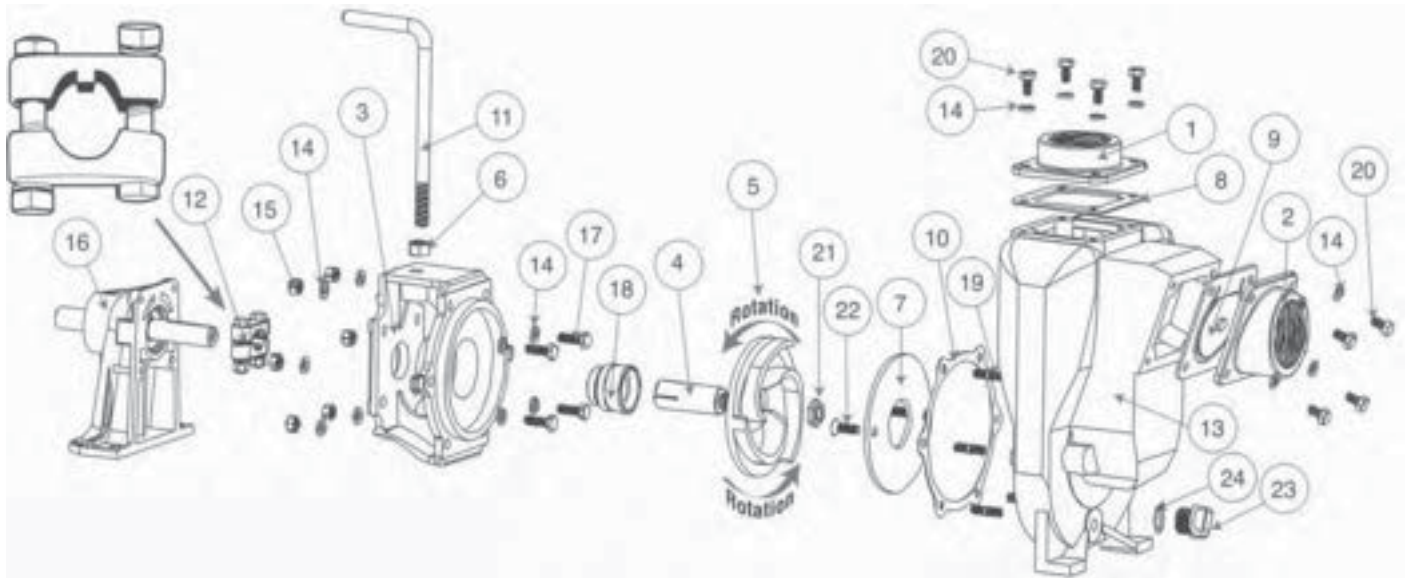
PART NO.	DESCRIPTION	Price
200PBI	2" CI Pump w/Pedestal	\$946.78

Hydraulic Driven Cast Iron Pumps

PART NO.	DESCRIPTION	Price
200PIHY	2" Hyd. Driven CI Pump	\$2,184.76

Cast Iron C-Flang Pumps

PART NO.	DESCRIPTION	Price
200POI-CF	2" CI Pump w/C-Flange Specify 5/8, 3/4, or 7/8 Shaft	\$740.80



CALL FOR REPLACEMENT PARTS. LIMITED QUANTITIES AVAILABLE

Item	Part No.	Description	Qty.	Price
1	17000	2" Threaded Outlet Flange	1	\$45.34
1	M17000	2" Manifold Outlet Flange	1	\$54.20
1	17001	1-1/2" Outlet Flange	1	\$37.77
2	17002	2" Threaded Inlet Flange	1	\$63.17
2	M17002	2" Manifold Inlet Flange	1	\$53.46
2	17003	1-1/2" Inlet Flange	1	\$43.30
3	17004	Adapter-Gas Engine	1	\$134.25
3	17046	C-Flange Adapter	1	\$239.23
4	17005	Sleeve 5/8" Elec. Motor	1	\$136.75
4	17006*	Sleeve 3/4" Gas Engine	1	\$123.66
4	17007	Sleeve 7/8" Elec. Motor	1	\$123.66
5	17008*	Impeller 5" Std.	1	\$107.73
5	17008-4.6	Impeller 4.6" Trimmed	1	N/A
5	17008-4.1	Impeller 4.1" Trimmed	1	\$107.33
6	17010	Hex Nut 1/2"	1	\$1.76
7	17011*	Wear Plate	1	\$61.39
8	17013	EPDM Gasket	1	\$8.53
9	17016	Gasket-Check Valve	1	\$31.04
10	17018*	Gasket Adapter	1	\$8.53
11	15022	Handle	1	\$22.88
12	17023	Clamp 5/8, 3/4 (old style)	1	\$58.28
12	17123	Clamp 5/8, 3/4 (keyed)	1	\$66.17
12	17024	Clamp 7/8	1	\$69.58

Item	Part No.	Description	Qty.	Price
13	17026	Pump Housing	1	\$345.25
14	V10118	5/16" Lockwasher	18	\$1.41
15	V10119	5/16" - 18 Hex Nut	6	\$1.41
N/S	12882R	Housing for Brng. Ped.	1	\$175.43
N/S	12883R	Brng. Ped. Shaft Only	1	\$133.80
N/S	12884	Internal Ret. Clip	1	N/A
N/S	12883B	Pedestal Bearing	2	\$84.66
16	12882A	Complete Brng. Ped. 3/4"	1	\$302.00
17	17040	Cap Screw	4	\$4.67
18	17028	Seal Assy. (EPDM)	1	\$86.46
18	17035*	Seal Assy. FKM (Viton)	1	\$86.46
18	17035SD	Severe Duty Seal	1	\$466.43
19	17042	Stud	6	\$2.51
20	17019	Cap Screw	8	\$1.78
21	17009B	Nut	1	\$12.52
22	17130	C-Sink Flat Head Screw	2	\$3.39
23	12777	Plug Newer than 2012	1	\$3.47
24	UV15163	O-Ring	1	\$1.24
N/S	17032	1/4" Plug, Older Than 2012	1	\$2.63
N/S	17033	Z - Rails	pair	\$52.14
N/S	17100	Repair Kit Items Marked *	1	\$315.39

Banjo 3" Cast Iron Pumps

Gas Engine Driven Cast Iron Pumps

PART NO.	DESCRIPTION	Price
300PIH-13	3 x 3 Cast Iron Pump x 13 H.P. Honda - Elec. Start	\$3,814.00

Cast Iron Wet Seal

PART NO.	DESCRIPTION	Price
301PIH13W	3" CI Wet Seal x 13 HP Honda	\$4,506.00

Hydraulic Driven Cast Iron Pumps

PART NO.	DESCRIPTION	Price
300PIHY	3" Hyd Driven CI Pump	\$4,436.00

Cast Iron Pumps Only

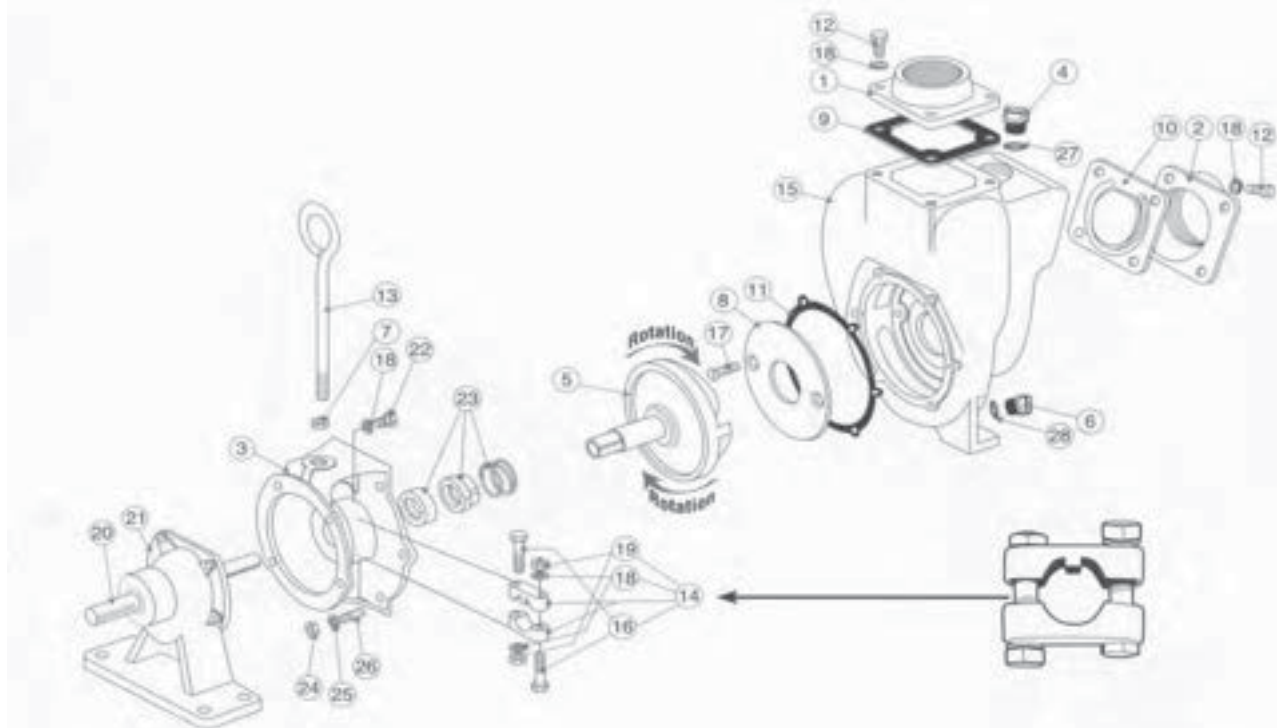
PART NO.	DESCRIPTION	Price
300POI	3" CI Pump ONLY	\$1,535.25

Cast Iron Pedestal Pumps

PART NO.	DESCRIPTION	Price
300PBI	3" CI Pump w/Pedestal	\$1,788.91

Cast Iron C-Flang Pumps

PART NO.	DESCRIPTION	Price
300POI-CF	3" CI Pump w/C-Flange Specify 5/8, 3/4, or 7/8 Shaft	\$1,788.91



CALL FOR REPLACEMENT PARTS. LIMITED QUANTITIES AVAILABLE.

Item	Part No.	Description	Qty.	Price
1	18008	3" Threaded Outlet Flange	1	\$87.99
1	M18008	3" ManifoldOutlet Flange	1	N/A
2	18012	3" Threaded Inlet Flange	1	\$80.98
2	M18012	3" Manifold Inlet Flange	1	N/A
3	18026	Gas Engine Adapter	1	\$260.90
3	18048	C-Flange Adapter	1	\$279.46
3	18049	Hyd. Motor Adapter	1	\$475.62
N/S	18055	Adapter Shaft	1	\$64.96
4	18002	1" Flush Plug, prior to 2012	1	N/A
4	13777	Plug, 2012 and Newer	1	\$5.52
5	18023*	Impeller w/1" Shaft	1	N/A
5	18023-1.125	Impeller w/1-1/8" Shaft	1	\$286.31
6	18003	1/2" Plug, Prior to 2012	1	N/A
6	12777	Plug 2012 and Newer	1	\$3.47
7	18034	Jam Nut	1	\$5.21
8	18004*	Wear Plate	1	\$103.30
9	18009	Outlet Gasket EPDM	1	\$12.24
10	18013	Check Valve Gasket	1	\$60.34
11	18021*	Adapter Gasket	1	\$9.70
12	18010SS	Capscrew	8	\$2.44
13	18033	Handle	1	\$32.50

Item	Part No.	Description	Qty.	Price
14	18029	Clamp Assy (old style)	1	\$72.29
14	18129	Clamp Assy (keyed)	1	\$81.86
15	18001	Pump Housing	1	\$728.06
16	18030	3/8" Bolt	2	N/A
17	18106*	Flat Head Screw	2	\$3.39
18	V20018	Lock Washer	8	\$1.41
19	18032	3/8" Nut	2	N/A
20	18504	1" Shaft Only	1	\$98.99
21	18500	Complete Brng. Ped.	1	\$577.96
N/S	18502	Bearing	2	\$204.17
22	17704	Bolt	4	\$5.17
23	18025*	Seal Assy. FKM (viton)	1	\$136.51
23	18025SD	Severe Duty Seal	1	\$523.30
24	V20019	3/8" 16 SS Hex Nut	6	\$1.54
25	V20018	Lock Washer	6	\$1.41
26	18218	3/8" Stud	6	\$31.01
27	13778	O-Ring	1	\$2.51
28	UV15163	O-Ring	1	\$1.24
N/S	18035	Z-Rail	1	\$75.74
N/S	18100	Pump Repair Kit Marked *	1	\$462.55

SCOT PUMPS

FERTILIZER TRANSFER - MOTORPUMP



LFE213-1 1/4"

- Capacity to 55 GPM
- 4.8" Max. Impeller
- All iron construction
- Stainless steel motor shaft
- Double ball bearing design
- Motor Voltages: 3/60/230/460V, 1/60/115/230V



LFE4712"

- PUMP**
- Up to 500 gpm
 - All Iron Construction
 - Mechanical Seal
 - Viton - Ceramic - Stainless Steel
 - Severe Duty Seal Available
 - Stainless Steel Shaft or Shaft Sleeve
 - Hardened Iron Impeller Available



LFE215-3"

- MOTOR**
- 2 to 20 HP
 - TEFC, Totally Enclosed For Outdoor, Dusty, Dirty or Weather Exposed Locations
 - 1/60/230V - 3 & 5 HP
 - 1/60/115/230V - Available on 2HP Only
 - 3/60/230/460V - Three Phase
 - Nema J56 or JM Frame

Three Phase Models

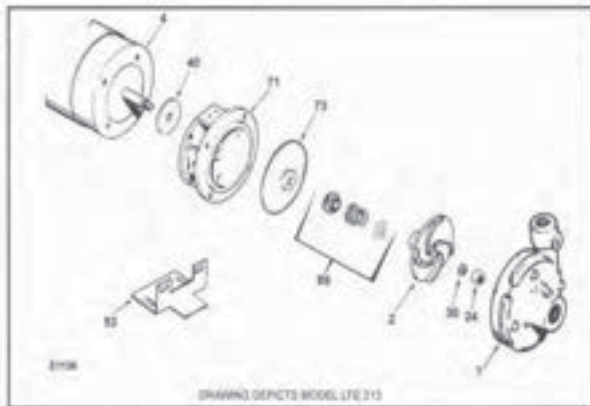
Size Suction	Size Discharge	Part No.	HP	Impl. Dia	GMP at 40' Head	Price
2"	2"	LFE261R030P2438	3	4.38	150	\$2,000.00
3"	3"	LFE215R150P2538	15	5.13	325	\$5,400.00

Single Phase Models

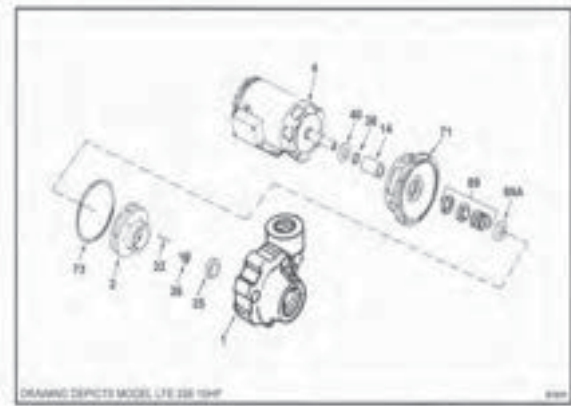
Size Suction	Size Discharge	Part No.	HP	Impl. Dia	GMP at 40' Head	Price
1-1/4"	1"	LFE213R010S2375	1	3.75	40	\$1,500.00
2"	2"	LFE261R030S2438	3	4.38	150	\$2,300.00

SCOT PUMP BREAKDOWNS

MOTOR PUMP—LFE 213, 471 - STRAIGHT CENTRIFUGAL



MOTOR PUMP—LFE 215 - STRAIGHT CENTRIFUGAL



Key No.	Name	LFE213 1.25 x 1NPT	LFE471 2 x 2 NPT
1	Case	130.000.319x	3301099x1
2	Impeller	See Chart	3301112
4	Motor	See Chart	See Chart
24*	Lock Nut	105.000.465	110.000.190
30*	D Washer	104.000.168	-
40*	Slinger Ring	104.000.171	104.000.171
53	Base	119.000.231A	3301100
71	Adapter	132.000.200	3301102x1
73*	Gasket, Case	116.000.146	116.000.141
89*	Seal VN-CM	101.000.103	101.000.103
	Repair Kit 1-Phase	118.000.340A.1	118.000.686A.1
	Repair Kit 3-Phase	118.000.340A	118.000.686A

*Denotes parts included in repair kit

Semi-Open Impeller

Model No.	Size	Part No.
LFE213	3.13	131-000-266
LFE213	3.75	131-000-184
LFE213	4.00	131-000-183
LFE213	4.50	131-000-107B
LFE213	4.75	131-000.107

Key No.	Name	LFE215 3 x 3 NPT
1	Case	130.000.224X
2	Impeller	See Chart
4	Motor	-
14*	Shaft Sleeve	110.000.192
25	Wear Ring	None
26*	Impeller retainer	118.000.111A
32*	Key	102.000.102
38*	O-Ring, Shaft	116.000.105
40*	Slinger	104.000.165
71	Adapter, JM140/180	132.000.194
-	Adapter, JM210	132.000.195
-	Adapter, JM250	-
73*	Gasket, Case	116.000.146
89*	Seal VN-CM	101.000.191
89A*	Seal Retainer	104.000.175
-	Repair Kit	118.000.343A

*Denotes parts included in repair kit

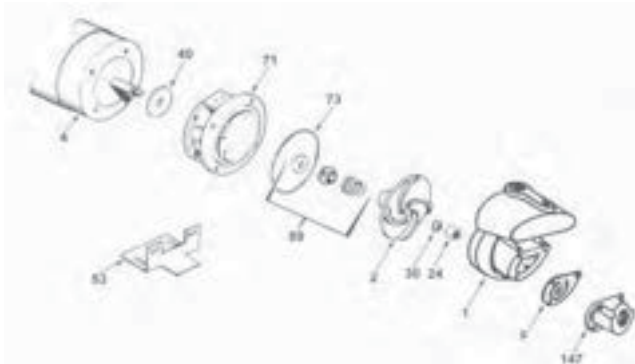
Enclosed Impellers

Model No.	Size	Part No.
LFE215	5.13 For 7 1/2 HP	131.000.289
LFE215	5.38 For 10 HP	131.000.286C



Scot Pump Breakdowns

Motor Pump—FFE 273, 74 - Self Priming



KEY NO.	PART NAME	FFE 273 1.5 x 1.5 NPT	FFE 74 2 x 2 NPT
1	CASE	130.000.142x	130.000.239x
2	IPM, SEMI OPEN	131.000.315	131.000.315
4	MOTOR, J56	—	—
24*+	IMP NUT	105.000.465	105.000.465
30*+	D WASHER	104.000.168	104.000.168
40*	FLINGER, STAINLESS	104.000.171	104.000.171
53	BASE	119.000.231A	119.000.231A
71	ADAPTER	132.000.207	132.000.207
73*	GASKET CASE	116.000.141	116.000.141
89*	SEAL VN-CM	101.000.103	101.000.103
147	FLANGE	136.000.138	None
F	FLAPPER	118.000.261	None
—	REPAIR KIT	118.000.341A	118.000.341A
*	Denotes Components in repair kit		
+	Not required on 3/4" - 1-1/2, 1 phase motor		

FFE74R020S2

2 HP Sinlge Phase

Price

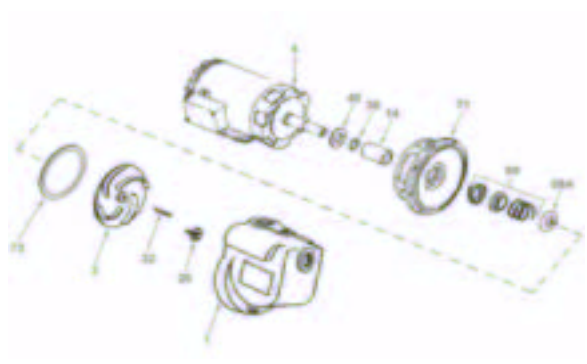
CALL

FFE74R030P2

3 HP Three Phase

CALL

Motor Pump—FFE 75 - Self Priming



KEY NO.	PART NAME	FFE 75 3 x 3
1	CASE, 3 x 3	130.000.295X
2	IMPELLER, IRON,	131.000.304
4	MOTOR, JM FRAME	—
14*	SHAFT SLEEVE	110.000.192
26*	IMPELLER, RETAINER	118.000.111A
32*	KEY	102.000.102
38*	O-RING, SHAFT	116.000.105
40	FLINGER, STAINLESS	104.000.165
71	ADAPT. JM 140/180	132.000.194
—	ADAPT. JM 120	132.000.195
73*	GASKET, CASE	116.000.146
89*	SEAL, VN-CM	101.000.191
89A*	SEAL RETAINER	104.000.202
—	REPAIR KIT	118.000.527
*	Denotes Components in repair kit	

Scot Pump

RKLD 300V

3 x 3 NPT

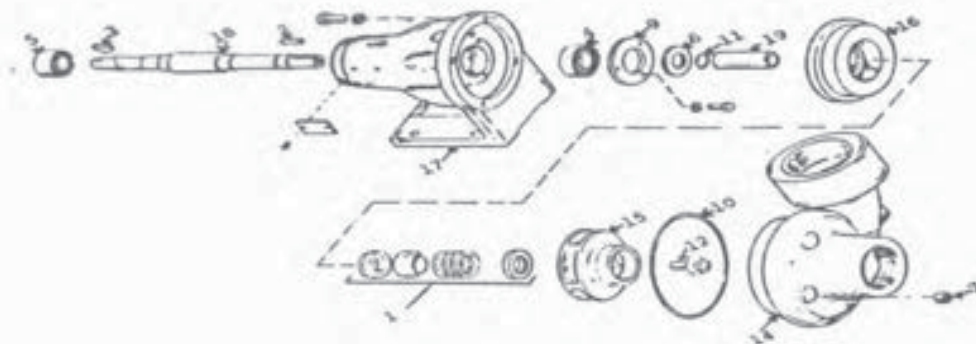
Price

CALL

RKLD 400V

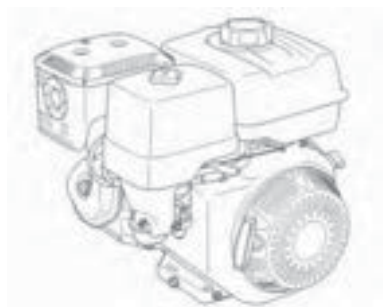
4 x 4 HB

CALL



Item No.	Part No.	Description
1a	118.000.352	Seal, Viton Ceramic
1b	101.000.203	Seal, Viton Lime Duty
2	102.000.102	Key, Impeller
3	102.000.179	Key, Clutch
4	103.000.146	Bearing (Pump End)
5	103.000.150	Bearing (Shaft End)
6	104.000.107	Flinger
7	106.000.284	Pipe Plug, Drain
8	100.000.221	Clutch Mounting Plate
9	110.000.244	Retainer, Bearing

Item No.	Part No.	Description
10	116.000.146	O-Ring, Case
11	116.000.193	O-Ring, Shaft
12	118.000.111A	Impeller, Retaining Assby.
13	120.000.189	Clutch, Cummins
14a	130.000.215	Case, 3 x 3 HB
14b	130.000.223x	Case, 4 x 3 HB
15	131.000.286	Impeller
16	132.000.183	Back Plate
17	132.000.237	Pedestal
18	135.000.184x	Shaft
19	135.000.187	Sleeve, Shaft



Automatic Oil Alert
Less Vibration
On-Off Switch
Throttle
Bayonet Oil Dip Stick
Overhead Valves

Part No.	HP	Shaft Dia.	Type	Features	Net
GX160T1QX2	5.5	3/4"	Keyed	Std.	C A L L
GX160K1TX2	5.5	5/8"	Threaded	Std	
GX240K1PA2	8	1"	Threaded	Std	
GX240K1QA2	8	1"	Keyed	Std	
GX240K1QAE2	8	1"	Keyed	Elect. Start	
GX340K1QAE2	11	1"	Keyed	Elect. Start	
GX390K1QAE2	13	1"	Keyed	Elect. Start	

Heavy Duty Coupler



Use "Hytel" spiders for Hi-Torque applications with impulse or pulsating loads. Will transmit 3-times more Torque than rubber spiders.

For a complete coupling, order 2 bodies with desired bore of same rated H.P. and one spider from the same grouping

Part No	Description	Price
11494	Black Center Disc	\$40.00
26089	1/2" Couling	\$66.50
37243	5/8" Coupling	\$66.50
37247	3/4" Coupling	\$66.50
35686	7/8" Coupling	\$66.50
11515	15/16" Coupling	\$66.50
37259	1" Coupling	\$66.50
11518	1-1/8" Coupling	\$66.50
35748	1-1/4" Coupling	\$66.50
11522	1-3/8" Coupling	\$66.50
Complete Coupling With Buna Disc		\$146.50
Add for Hytel Disc In Lieu of Buna		\$93.25
Buna Disc .66 HP per 100 RPM		
Hytel Disc 1.80 HP per 100 RPM		

Honda Engie Parts Call for Price

Old Gas Cap



17620-ZH7-023

New Gas Cap



17620-Z4H-030

Air Filter



17210-ZE1-517
17210-ZE3-505

Fuel Tank



17510-ZOT-010ZC
(For GX160)
17510-ZE3-000
(For GX390)

GX160 Recoil



28400 -Z4M-306ZB

Igniton Key



35111-880-013

Dipstick



15600-ZOT-810
(For GX160)
15600-Z1C-000
(For GX390)

Starter



31210-ZE1-023
(For GX160)
31210-ZE3-023
(For GX390)

Starter Solenoid



31204-ZA1-003

On/Off Switch One Wire



36100-ZE1-015
(For GX160)

On/Off Switch Two Wire



36100-ZH7-003
(For GX390)

Coil & Wire



30500-ZOT-802
(For GX160)
30500-Z5T-003
(For GX390)

Spark Plug



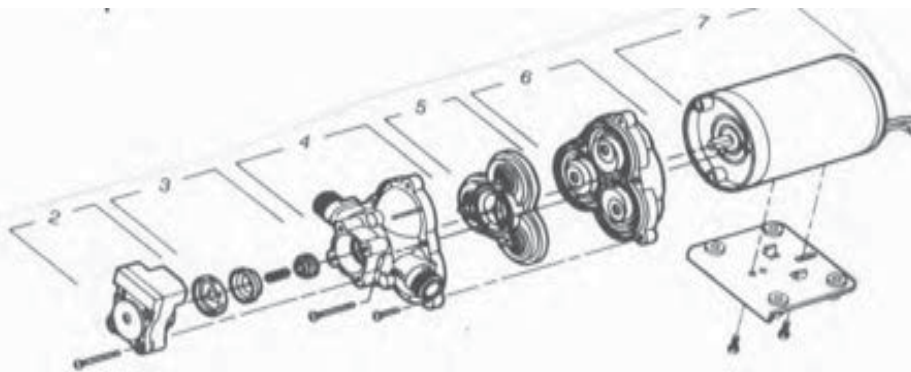
98079-5687C
(For GX160)
98079-56846
(For GX390)

Complete Pumps				
Model No.	Flow	Voltage	Features	Net
2088-343-135	3 GPM	12 volts	Adj. Demand	\$222.92
2088-394-144	3 GPM	110 vac	Adj. Demand	\$399.91
2088-514-144	4 GPM	12 volt	Adj. Demand	\$320.06
4211-035	7 GPM	12 volts	Adj. Demand	\$561.72
8000-543-250	1.8 GPM	12 volts	Inter. Bypass	\$179.78
8000-533-250	1.4 GPM	110 vac	Inter. Bypass	\$241.34



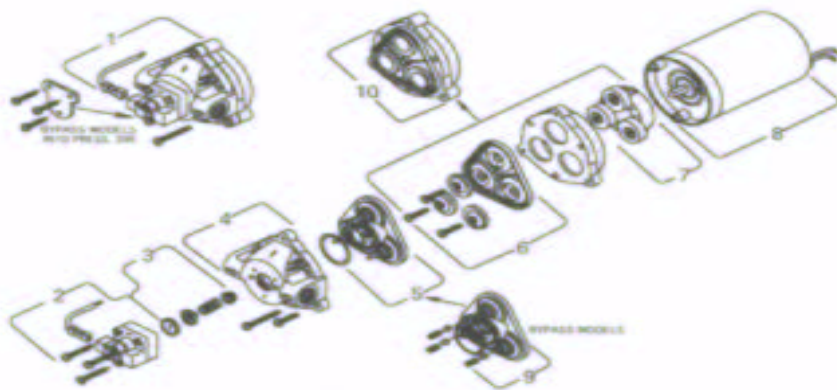
Fittings for ShurFlo pumps			Price
234-2916	1/2" FPT x 3/8"	Straight Adapter	\$1.64
234-3916	1/2" FPT x 3/8"	Elbow Adapter	\$1.53
234-2926	1/2" FPT x 1/2"	Straight Adapter	\$1.53
234-3926	1/2" FPT x 1/2"	Elbow Adapter	\$1.53
234-2946	1/2" FPT x 3/4"	Straight Adapter	\$1.85
234-3946	1/2" FPT x 3/4"	Elbow Adapter	\$1.85

ShurFlo 2088 Series Pump Parts



Ref.No.	2		3		4		5		6	
Model No.	Switch Assembly	Price	Check Valve Assembly	Price	Upper Housing	Price	Valve Assembly	Price	Dia/Drive Assembly	Price
2088-343-135	94-230-36	\$38.10	94-237-05	\$34.18	94-231-30	\$21.43	94-232-05	\$75.40	94-238-03	\$50.04
2088-394-144	N/A		94-237-00	\$16.56	94-231-30	\$21.43	94-232-05	\$75.40	94-238-03	\$50.04
2088-514-144	94-230-36	\$38.10	94-237-05	\$34.18	94-231-30	\$21.43	94-232-05	\$75.40	94-238-03	\$50.04

ShurFlo 8000 Series Pump Parts



Ref.No.	1		2		3		4		5	
Model No.	Pump Head Assembly	Price	Switch Assembly	Price	Check Valve Assembly	Price	Upper Housing	Price	Valve Assembly	Price
8000-533-250	N/A		N/A		N/A		94-379-00	\$28.37	94-391-09	\$68.57
8000-543-236	94-380-02	\$176.69	94-375-06	\$36.42	94-374-05	\$46.25	94-379-00	\$28.37	94-390-05	\$53.87
8000-543-250	94-382-09	\$191.67	N/A		N/A		94-379-00	\$28.37	94-391-09	\$68.57
8020-503-250	279.73		N/A		N/A		94-379-00	\$28.37	94-391-08	\$66.40

REMCO Diaphragm Pump

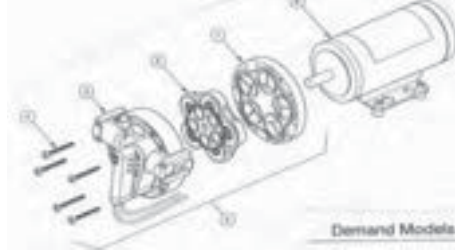
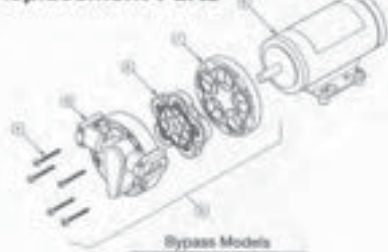
Model No.	Cross Ref. #	Flow	Voltage	Features	Net
5537-1E1-82B	(5850-101E)	5 GPM	12 volt	Demand	\$175.00
5537-2E1-63B	(5850-111E)	5 GPM	12 volt	Internal Bypass	\$195.00
5537-1E1-65C		5 GPM	110 vac	Demand	\$220.00
5537-2E1-58D		5 GPM	110 vac	Internal Bypass	\$235.00

Fat Boy

5538-1E1-94A	(7870-101E)	7 GPM	12 volt	Demand	\$395.00
5538-2E1-94A	(7870-111E)	7 GPM	12 volt	Bypass	\$364.00



Replacement Parts



Ref.No.	1		2		3		4		5	
Model No.	Lower Housing	Price	Valve Assembly	Price	Upper Housing	Price	Mounting Bolts	Price	Complete Pump Head	Price
5.3 Demand	LHA5513-1E77	\$78.68	VHA-5513-1E77	\$50.98	UHA-5513-1X77	\$73.14	MB-5500-1	N/A	5513-1X77	\$138.51
5.3 Bypass	LHA5513-1E77	\$78.68	VHA-5513-1E77	\$50.98	UHA-5513-2X77	\$73.14	MB-5500-1	N/A	5513-2X77	\$144.06
Fat Boy Demand	N/A		N/A		N/A		N/A		PH5538ED	\$265.94
Fat Boy Bypass	N/A		N/A		N/A		N/A		PH5538EB	\$265.94

Remco Rate Controllers

	Part No.	Description	Price
Single Rate Controller:	RRC35-NG	Rate Controller, No Gauge, 35 AMP	\$635.00
	RRC35-DD	Rate Controller, Digital Display, 35 AMP, Pressure Sensor & Cable Included	\$860.00
Kits:	RRC35-NGK	No Gauge, 35 AMP, With Wiring Kits	\$770.00
	RRC35-60GK	With Gauge, 35 AMP, With Wiring Kits	\$816.00
	RRC35-DDK	Digital Display, 35 AMP, Pressure Switch & Cable Included, With Wiring Kit	\$1,020.00
Parts & Accessories:	WHK-10RB-20GW	Input/Output Wiring Set	\$195.00
	WHK-20GW-EXT	20ft Output Extension Cable w/ White/Green Output	\$210.00
	WHK-20DPS	Replacement 20ft Digital Pressure Sensor Cable	\$140.00
	WHK-15DPS-EXT	15ft Digital Pressure Extension Cable	\$140.00
	G-PK	Plumbing Kit	\$92.00
	G60-MK	60 PSI SS Ammonia Gauge Kit	\$140.00
	DPS-100	Replacement Digital Pressure Sensor Assembly	\$159.00



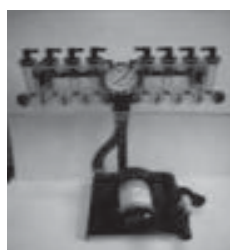
DC Motor Control

Part No.	Description	Price
AKSc35-2xx	35 AMP	\$810.00



Operates on 12 volts. Automatic resetting Circuit Breaker (No fuses to replace). Reverse polarity protection will prevent damage to the control and battery if the terminals are reversed.

1 year warranty, Power indicator light, All cases have mounting feet, painted black and silk screened (Optional 15' Ext. cable also available), Easy disconnect electrical connections with standard 10' Battery cable and 15' motor cable.



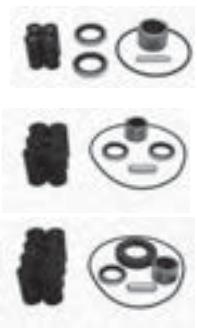
Part No.	Description	Price
STFKR8	8-Row	\$2,700.00
STFKR12	12-Row	\$3,300.00
STFKR16	16-Row	\$3,900.00
STFKR24	24-Row	\$4,700.00

Starter Fertilizer Kits

12 Volt Operation, DC Motor Control, Redball Monitors
Standard Pump will do 3.5 GPM @ 30PSI
(Higher Capacity Pump is Available)
Orifice Holders, Hose Clamps

RollMax Series by REMCO



	Part No.	Description	Price
R440 Series Max Flow: 9.4 GPM Max Pressure: 150 PSI Max Speed: 2600 RPM Rotation: Clockwise Ports: 3/4" FNPT	R440C	4 Roller, Cast Iron, CW Rotation, 5/8" Shaft	\$232.00
	R440SS	4 Roller, Stainless Steel, CW Rotation, 5/8" Shaft	\$625.00
	R441C	4 Roller, Cast Iron, CW Rotation, 1/2" Hallow Shaft	\$253.00
	R441SS	4 Roller, Stainless Steel, CW Rotation, 1/2" Hallow Shaft	\$655.00
R660 Series Max Flow: 19.6 GPM Max Pressure: 150 PSI Max Speed: 1000 RPM Rotation: Counter Clockwise Ports: 3/4" FNPT	R660C	6 Roller, Cast Iron, CCW Rotation, 5/8" Shaft	\$267.00
	R660SS	6 Roller, Stainless Steel, CCW Rotation, 5/8" Shaft	\$805.00
R880 Series Max Flow: 24.5 GPM Max Pressure: 150 PSI Max Speed: 1000 RPM Rotation: Counter Clockwise Ports: 1" FNPT	R880C	8 Roller, Cast Iron, CCW Rotation, 15/16" Shaft	\$320.00
	R880SS	8 Roller, Stainless Steel, CCW Rotation, 15/16" Shaft	\$885.00
RollMax Couplers 	RMC585410	5/8" Shaft, 540/100 RPM Multi-Speed, Cast Aluminum/Zinc, Set Screws	\$46.00
	RMC151651	15/16" Shaft, 540/1000 RPM Multi-Speed, Cast Aluminum/Zinc, Set Screws	\$55.00
Universal Repair Kits 	R440K	Repair Kit, 4 Max Rollers 1/2", Needle Bearing, 2 Lip Seals, O-Ring, Pill Key	\$55.00
	R660K	Repair Kit, 6 Max Rollers 3/4", Needle Bearing, 2 Lip Seals, O-Ring, Pill Key	\$64.00
	R880K	Repair Kit, 8 Max Rollers 3/4", Needle Bearing, 2 Lip Seals, O-Ring, Pill Key	\$82.00
Torque Bar & Chain 	RMTAC	Torque Bar and Chain (Rotation Prevention for PTO Mounted Pumps)	\$59.00

2" John Blue Poly Wet Seal Pumps



Self Priming
200 GPM Max Flow
45 PSI Max Pressure
112 GPM @ 25 PSI
Required Horsepower: 5 Hp
2" Port Size
Vac-U-Seal Impeller
Close-coupled Shaft
Fits 3/4" Diameter Shaft
Double Wet Seal Assembly
Chemical Resistant Materials



Pump Only For Gas Engine

				Price
PSP-3240	Engine Mount , 2" FPT port	200GPM	45 PSI	\$593.61

Pump Only For Electric Motor

PSP-3240-E	Electric Motor Mount, 2" FPT Ports	200GPM	45 PSI	\$659.48
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Pump With Gas Engine

PSP-3240-G5H	2" FPT Ports with Honda GX160 Engine	200GPM	45 PSI	\$1,754.38
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3" John Blue Poly Wet Seal Pumps



Self Priming
375 GPM Max Flow
45 PSI Max Pressure
Required Horsepower: 10 HP
3" Port Size
Vac-U-Seal Impeller
Close-coupled Shaft
Fits 1" & 1-1/8" Diameter Shaft
Double Wet Seal Assembly
Chemical Resistant Materials



Pump Only

				Price
PSP-3340-BS	Pump only fits 1" shaft	375 GPM	45 PSI	\$1,434.32
PSP-3340-E	Pump only fits w/ electric motor adapter	375 GPM	46 PSI	\$1,456.68

Pump with Electric Motor

PSP-3340-E10TB	3" Pump with 10 HP 3 phase electric motor	375GPM	45 PSI	\$3,890.18
PSP-3340-E10TB-1	3" Pump with 10 HP Single phase electric motor	375GPM	45 PSI	\$5,633.93

Pump With Gas Engine

PSP-3340-G13H	3" Pump with 13 HP Honda with electric start	375GPM	45 PSI	\$3,758.16
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John Blue 2" Cast Iron Pumps



Hydraulic Motor
Centrifugal Pump



Self Priming
Centrifugal Pump



Gas Engine
Centrifugal pump



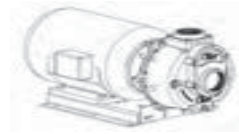
Straight Centrifugal Pump

Self Priming Pumps Coupled to Gasoline Engines

				Price
SP-3240-G5H	2" Self Primer, 5.5 HP Honda	152 GPM	42 PSI	\$2,403.40

Pumps Only For Gas Engines

SP-3240	2" Self Priming Pump - 3/4" Shaft	152 GPM	42 PSI	\$1,111.75
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Electric Self Priming
Centrifugal Pump

Self Priming Pumps Coupled to Electric Motors

SP-3240-E5T1B	2" Self Priming Single Phase 5 HP-TEFC	152 GPM	42 PSI	\$4,419.13
SP-3240-E5T3B	2" Self Priming Three Phase 5 HP-TEFC	152 GPM	42 PSI	\$3,293.30

John Blue 3" Cast Iron Pumps



Self Priming Pumps Coupled to Gasoline Engines

SP-3350-G13H	3" Self Primer, 13 HP Honda w/ES	308 GPM	65 PSI	\$4,555.82
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Pumps Only For Gas Engines

SP-3350-BS	3" Self Priming Pump - 1" Shaft	308 GPM	65 PSI	\$2,150.22
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Self Priming Pumps Coupled to Electric Motors

SP-3340-E10TB-1	3" Self Priming Single Phase 10 HP	308 GPM	65 PSI	\$6,630.81
SP-3340-E10TB	3" Self Priming Three Phase 10 HP	308 GPM	65 PSI	\$4,789.71



Pedestal Mount

SP-3340-P	3" Pedestal Mount	309 GPM	66 PSI	\$2,714.32
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Hydraulic Motor Pump

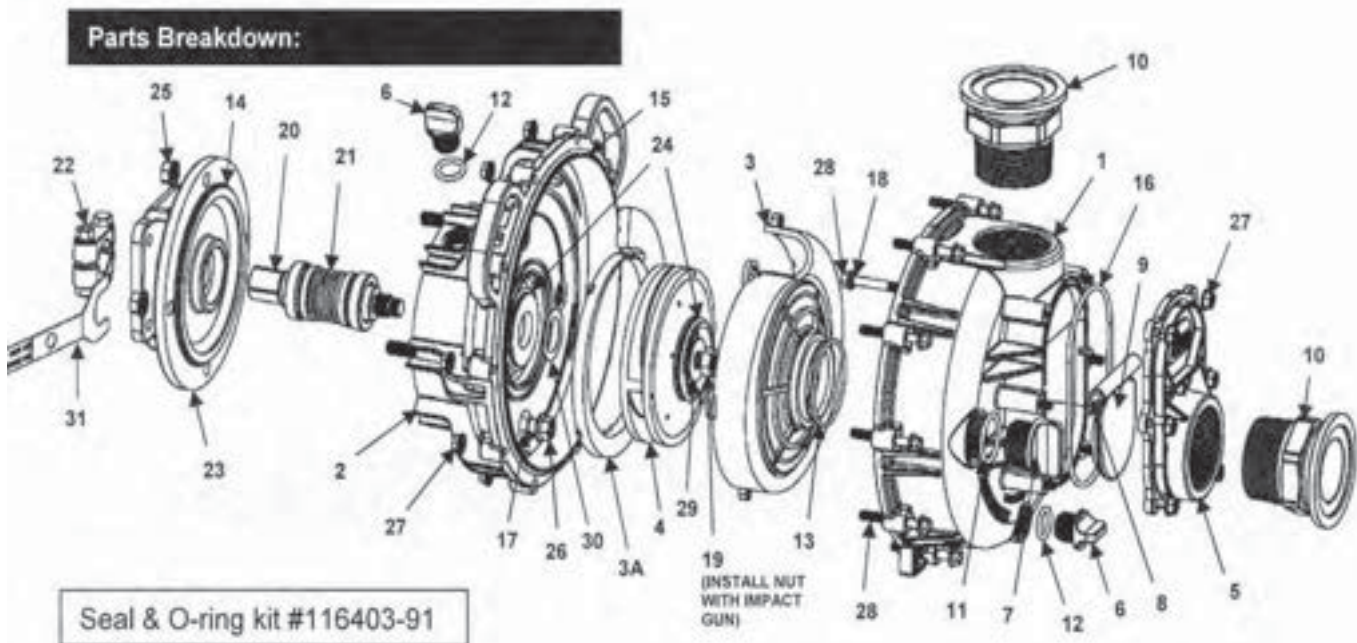
SP-3345-PHL	3" Self-Priming Centrifugal w/14 GPM Hydraulic Motor	\$5,195.09
SP-3345-PH	3" Self-Priming Centrifugal w/25 GPM Hydraulic Motor	\$5,262.01



Next Generation 4"x3" Self Priming Pump

SP-3450-BS	4" Inlet x 3" Outlet, Fits 1" Shaft	\$2,143.59
SP-3450-E	4" Inlet x 3" Outlet, For Electric Motors	\$2,143.59
SP-3450-E20TB	4" Inlet x 3" Outlet, With 20 HP 3 Phase Motor	\$6,975.20

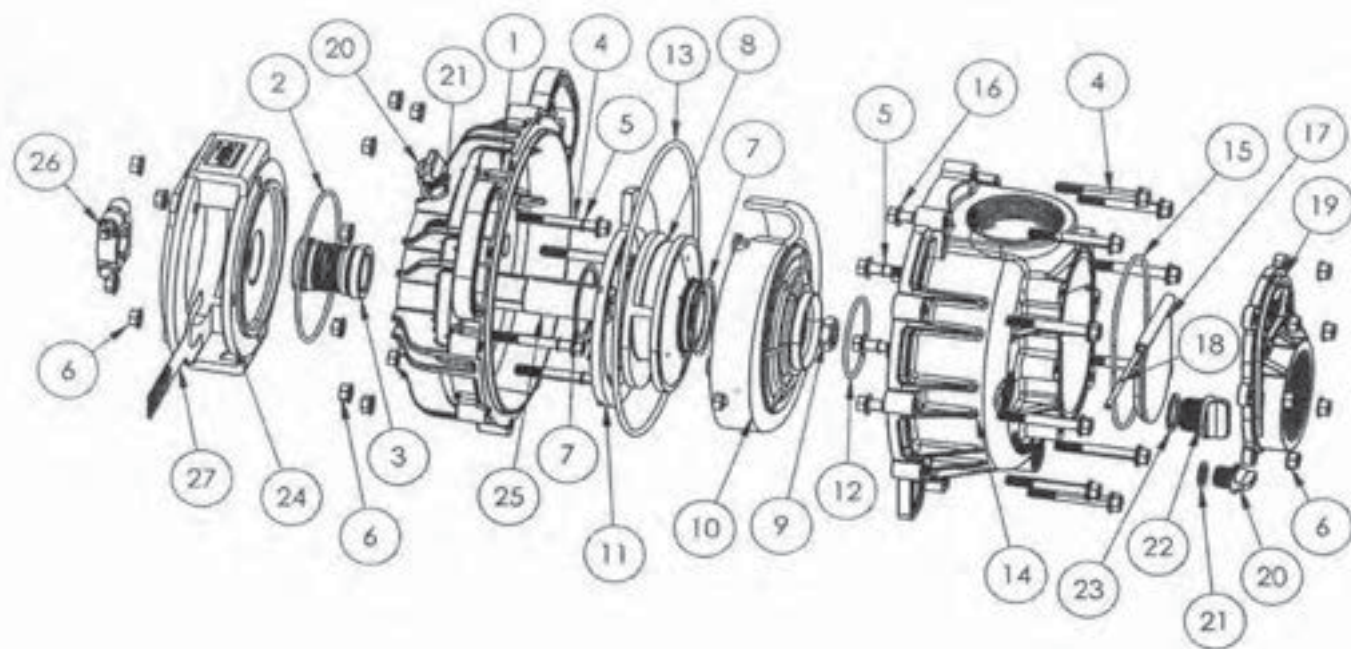
John Blue 2" Poly Centrifugal Pump Parts



Item #	Part #	Description	Price
1	116282-01	Housing	\$39.84
2	116283-01	Backplate	\$40.64
3	116284-01A	Scroll plate	\$13.36
3	116284-02A	Scroll Plate Insert	\$13.14
4	116285-91A	Impeller	\$24.94
5	116286-01	Inlet Glange-NPT	\$10.36
6	116288-01	1/2" Plug	\$2.63
7	116289-01	1" Plug	\$3.61
8	116290-01	Pivot Pin- 316SS	\$2.70
9	116241-01	Flap-EPDM	\$9.24
10	116287-01	M220 Flange Adapter 10 2" MPT - <i>Optional</i>	\$7.50
11	116293-01	#123Viton O-Ring - 1" Plug	\$1.21
12	116294-01	#115 Viton O-Ring 1/2" Plug	\$0.75
13*	116295-01	#139 Viton O-Ring-Volute	\$1.81
14*	116296-01	#049 Viton O-Ring-Engine Adapter	\$5.64
15*	116297-01	#270 Viton O-Ring-Housing	\$17.31
16*	116298-01	#158 Viton O-Ring-Inlet Flange	\$6.01
17*	116300-01	#012 Viton O-Ring-3/8" Bolts	\$0.45
18*	SMPT-0067	#010 Viton O-Ring-1/4" Bolts	\$0.41
19	92033	Impeller Nut -316SS (approx. 30ft-lb-use impact gun)	N/A
20	116299-01	Impeller Shaft -316SS	\$56.84
21*	S-3565-V	Double Seal-1: Viton, ceramic	\$130.21
22	S-3607S	Shaft Clamp	\$74.17
23	S-3556-P	Engine Adapter	\$196.25
24*	116246-01	Teflon Ring	\$10.47
25	91077	3/8"-16 Flanged Nut (10ft-LB max. for reassembly)	N/A
26	116291-01	3/8"-16x3"LG Flanged Bolt, 316SS	\$2.99
27	92017	1/4"-20 Flanged Nut (5FT-Lb Max for reassembly)	N/A
28	116292-01	1/4"-20x2" Flanged Bolt, 316SS	\$1.49
29	92044	Impellar Washer-316SS	\$2.09
30	116441-01	PTFE Rear Impellar Shim	\$5.24
31	116301-01	Shaft Installation Tool	\$4.94
N/S	116403-91	Seal & O-Ring Kit	\$145.08

* Included in Seal & O-Ring Kit

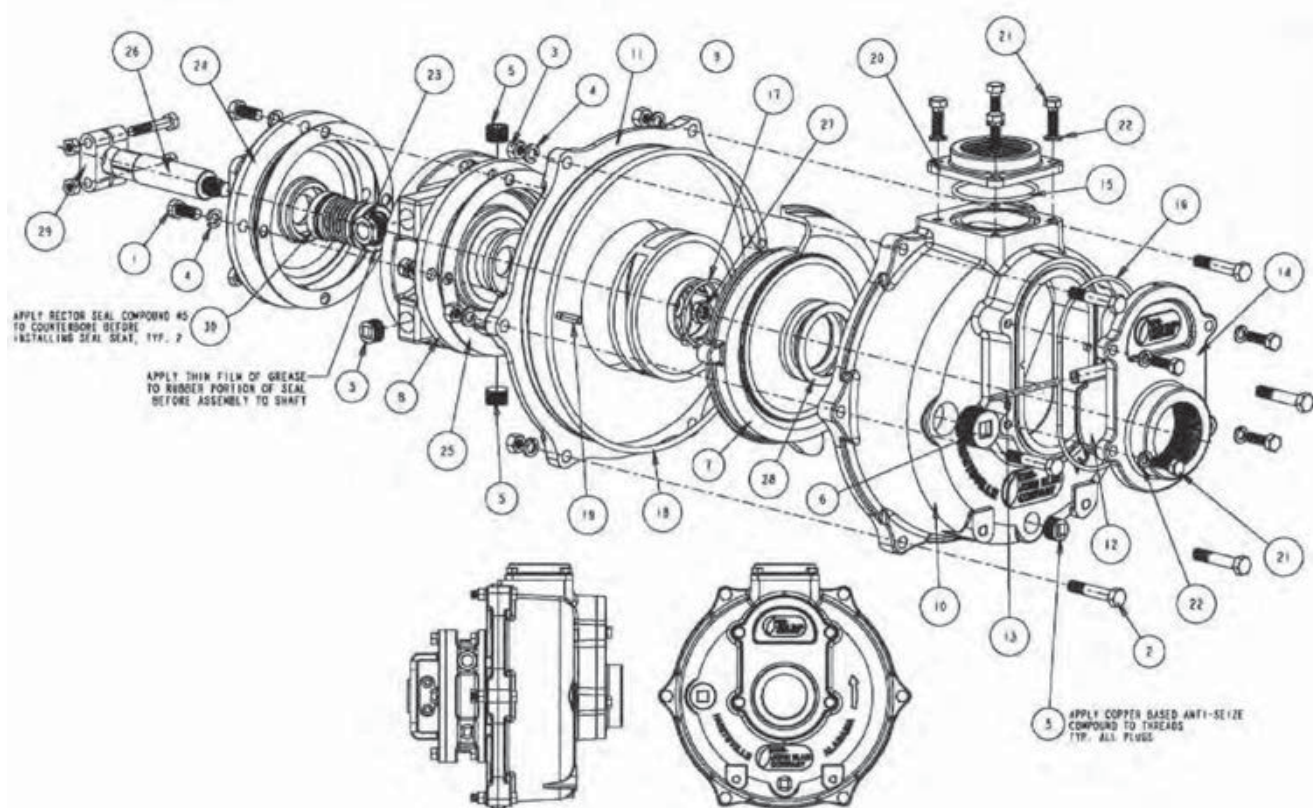
3" Poly Centrifugal Pump Parts Breakdown



Repair Kit		
116525-91	Seal, gasket, & o-rings	\$227.31

Item #	Part Number	Description	Quantity	Price
1	116426-01	Backplate	1	\$99.65
2	116434-01	O-Ring, Viton	1	\$5.96
3	43005	Seal, Viton	1	\$137.14
4	116291-01	Flanged Head Bolt	14	\$2.99
5	116300-01	O-Ring Viton	10	\$0.45
6	91077	Flanged Lock Nut	20	N/A
7	116223-01	O-Ring Teflon	2	\$16.26
8	116576-91	Impeller	1	\$102.97
9	116490-01	Lock Nut for Impeller 316 SS	1	\$17.29
10	116438-01	Scroll Plate	1	\$24.94
11	116439-01	Scroll Plate Insert	1	\$11.02
12	116433-01	O-Ring Viton	1	\$2.92
13	116436-01	O-Ring Viton	1	\$26.00
14	116425-01	Housing	1	\$99.21
15	116435-01	O-Ring	1	\$6.24
16	116482-01	Flanged Head Bolt	6	\$3.04
17	116216-01	Inlet Flap	1	\$15.00
18	116217-01	Flap Hinge Pin	1	\$2.78
19	116428-01	Inlet Flange	1	\$15.78
20	116288-01	1/2" Plug	2	\$2.63
21	116294-01	O-Ring, Viton	2	\$0.75
22	116289-01	1" Plug	1	\$3.61
23	116293-01	O-Ring	1	\$1.21
24	114523-01	Adapter -Gas Engine	1	\$268.07
25	116432-01A	Shaft	1	\$130.91
26	S-3608AS	Shaft Clamp Assembly	1	\$75.30
27	116492-01	Shaft Alignment Tool	1	N/A

Parts List for SP-3240 2" Cast Self-Priming Pump



Item	Qty	Part #	Description	Price
1	8	90649	Bolt 3/8 x 7/8" SS	\$1.42
2	6	90658	Bolt 3/8 15 x 2" LG SS	\$1.81
3	6	92024	Nut 3/8	\$0.16
4	14	93025	Lockwasher 3/8 SS	\$0.43
5	4	95019	Plug 1/2" MPT	\$1.86
6	1	95021	Plug 1" MPT	N/A
7	1	102039-01	Scroll Plate	\$105.85
8	1	102040-01	Reservoir	\$311.22
9	1	102041-A	Impeller	\$100.59
10	1	116239-01	Housing	\$201.47
11	1	116240-01	Housing Cover	\$111.57
12	1	116241-01	Inlet Flap	\$9.24
13	1	116242-01	Flap Pivot	\$2.44
14	1	116243-01	Inlet Adapter	\$38.99
15*	1	116244-01	O-Ring Buna	\$0.54

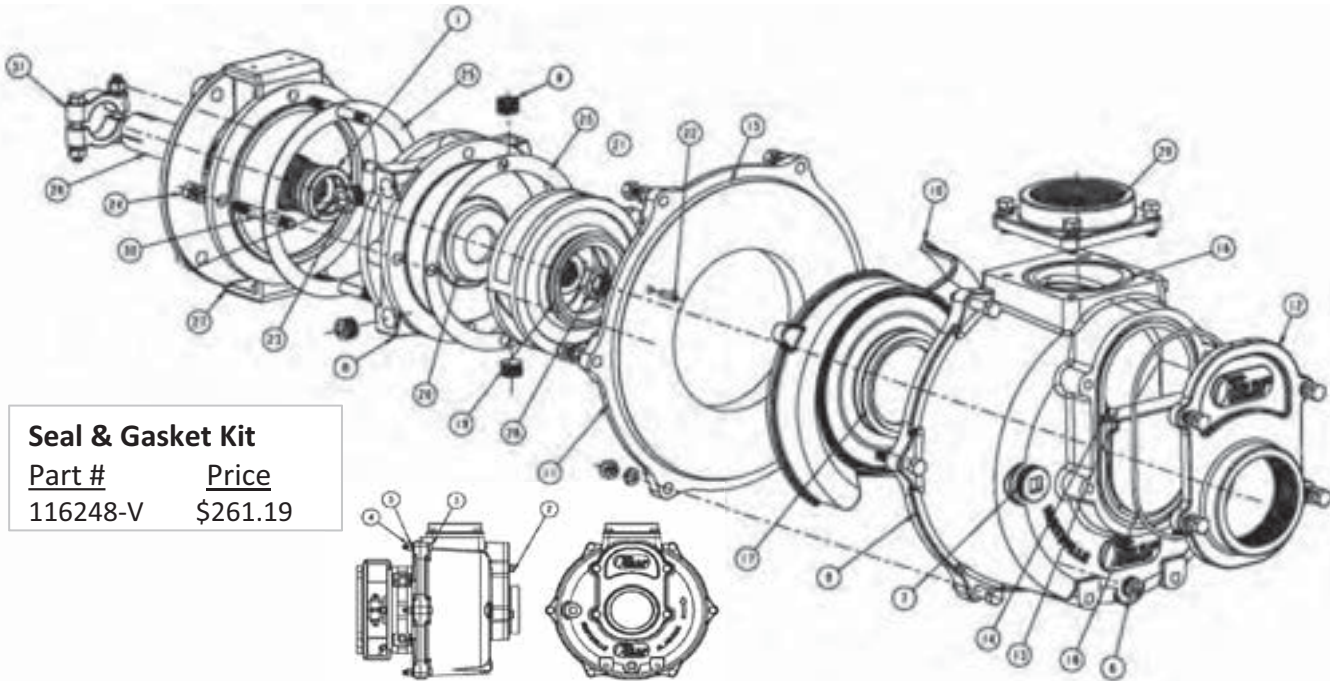
Parts for 2" Wet Seal Pump

#103276	2" Seal/Gasket Kit (Kit For Old Style Pump)	\$259.84
#102041-A	2" Impeller	\$100.59

Item	Qty	Part #	Description	Price
16*	1	116245-01	O-Ring Buna	\$1.24
17*	2	116246-01	O-Ring Teflon	\$10.47
18*	1	116247-01	O-Ring Buna	\$4.22
19	2	L-4135	Roll Pin	\$1.13
20	1	S-3551	Outlet	\$80.66
21	8	S-3553	Bolt, 5/16 SS	\$1.26
22	8	S-3554	5/16" Lockwasher SS	\$0.22
23	1	S-3555-P	Window- Pyrex	\$87.67
24	1	S-3556-P	Adapter - Gas Engine	\$196.25
24E	-	S-3609	Adapter-Electric Motor	\$283.41
25*	2	S-3558	Flange Adapter Gasket	\$12.11
26	1	S-3568	Impeller Shaft	\$190.41
27	1	S-3572	Impeller Nut	\$2.63
28*	1	S-3577	Gasket	\$6.06
29	1	S-3607	Clamp Assembly	\$80.73
30*	1	S-3565-V	1" Mech. Double Seal	\$130.21
N/S		116249	Gasket & Seal Kit For New Style Pump	\$208.48

* Included in 116249 Seal kit

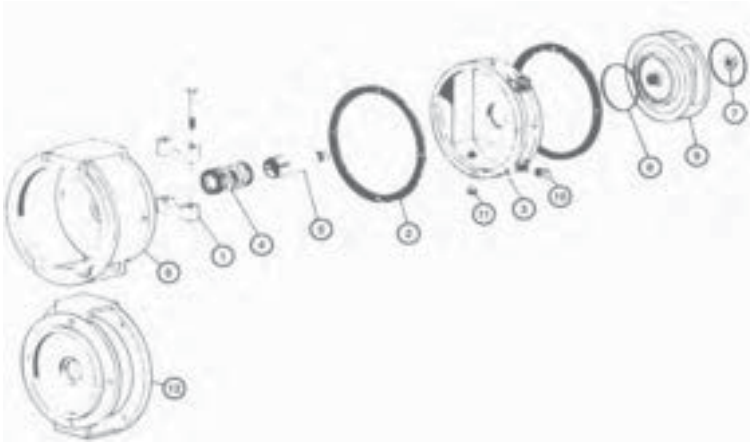
John Blue 3"Cast Pump
3350 New Style (2019)



Item #	Qty	Part #	Description	Price
1	1	43005	Double Seal	\$137.14
2	6	90532	3/8" Bolt	\$1.19
3	6	90658	3/8" Bolt	\$1.81
4	6	92024	3/8" Nut	\$0.16
5	10	93025	3/" Lockwasher	\$0.43
6	4	95019	Plug	\$1.86
7	1	95021	1" Plug	N/A
8	1	102035-01	Reservoir	\$319.20
9	1	116211-01	Housing	\$404.26
10	1	116212-01	Scroll Plate-(3350)	\$118.13
11	1	110213-01	Housing Cover	N/A
12	1	116215-01	Inlet Adapter 3"	\$82.51
13	1	116216-01	Inlet Flap	\$15.00
14	1	116217-01	Flap Pivot	\$2.78
15	1	116218-01	O-Ring Buna	\$4.13
16	1	116219-01	O-Ring Buna	\$0.95
17	1	116220-01	Gasket	\$3.48
18	1	116221-01	O-Ring Buna	\$1.27
19	1	116222-01	O-Ring Teflon	\$14.70
20	1	116223-01	O-Ring Teflon	\$16.26
21	1	116227-01	Impeller (3350)	\$131.73
22	2	L-4135	Roll Pin	\$1.13
23	1	S-3555-p	View Window	\$87.67
24	4	S-3557	3/8" Hex Nut	\$0.93
25	2	S-3638	Gasket	\$12.14
26	1	S-3646	Impeller Shaft 1-1/4"	\$169.34
27	1	102189-01	Adapter	\$248.51
28	1	S-3649	3/4" Locknut	\$25.53
29	1	S-3657	Discharge Flange	\$72.37
30	4	S-3664-P	Stud	\$17.14
31	1	S-3608AS	Clamp	\$75.30

CDS - John Blue 3" Wet Seal

Parts List

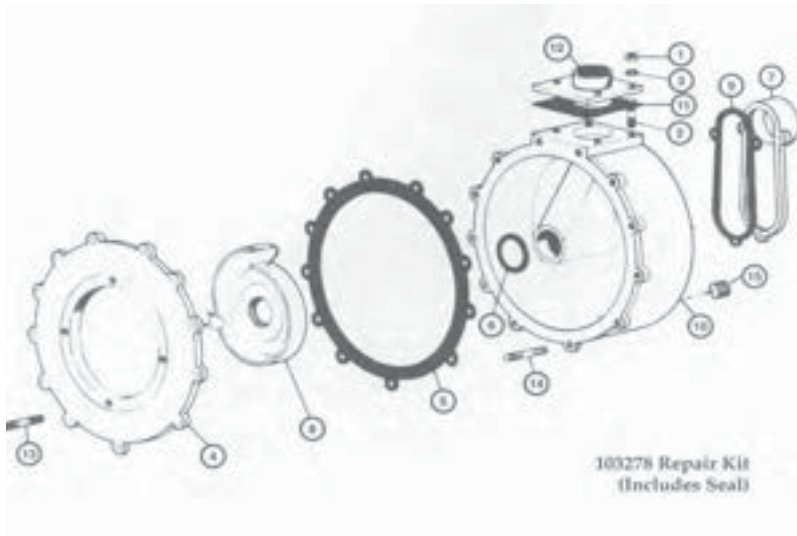


3" Double Seal Reservoir

Item	Part No.	Qty.	Description	Price
1	S-3608AS	1	Clamp Assembly - Keyed	\$75.30
2*	S-3638	2	Gasket Seal	\$12.14
3	102035-01	1	Reservoir	\$319.20
4*	43005	1	Double Seal	\$137.14
5	114524-01	1	Shaft Impeller for 1" BS	\$162.99
6	114523-01	1	Adaptor for Gas Engine	\$268.07
7	S-3649	1	Lock Nut, LH Threads	\$25.53
8*	110152-01	2	Annular Seal	\$20.37
9	102037-01	1	Impeller	\$201.16
10	S-3555-P	2	Window - Pyrex	\$87.76
11	95019	2	Plugs	\$1.86
12	102190-01	1	Electric Motor Adaptor	\$282.93
	103278	1	Seal & Gasket Repair Kit	\$448.65

3" Self Priming Pumps

3340 Old Style 3" John Blue Blue Wet Seal Pump



Item	Part No.	Qty.	Description	Price
1	S-3557	23	Nut	\$0.93
2	S-3561-P	7	Stud	\$9.32
3	93025	23	Lock Washer SS	\$0.43
4	S-3640	1	Housing, Cover	\$356.86
5*	S-3641	1	Gasket	\$47.48
6*	S-3648	1	Gasket	\$13.27
7	S-3652	1	Suction Flange	\$98.96
8	102036-01	1	Scroll Plate	\$198.36
9*	S-3654	1	Gasket, Suction	\$19.47
10	S-3655	1	Housing	\$532.09
11*	S-3656	1	Gasket, Discharge	\$8.00
12	S-3657	1	Flange, 3" FPT	\$72.37
13	S-3664-P	4	Stud	\$17.14
14	S-3666-P	10	Stud	\$9.90
	S-3597-P	2	Stud	\$10.37
15	95019	1	Pipe Plug	\$1.86
16	L-4135	2	Roll Pin SS	\$1.13
	103278	1	Seal & Gasket Repair Kit	\$448.65

*Included in the seal kit

CDS - John Blue Piston Pumps

The CDS-John Blue piston-metering pump is the standard for accuracy due to the positive displacement ground driven design, which maintains a constant rate per acre as the ground speed varies.

All CDS-John Blue pumps have 316 stainless steel piston rods and check valves standard. The pumps large, unrestricted chambers also assure accurate delivery rates of heavy suspension fertilizers used today.

NGP4055F



Flanged

Single Piston, Double Acting
10.2 GPM 120 PSI
550 RPM

Part #	Description	Price
NGP-4055-F	Without Clutch	\$2,765.40

NGP-6050 Series



Single Piston, Double Acting
21.0 GPM / 120 PSI
450 RPM
1-1/2" Inlet / 1-1/2" Outlet

Part #	Description	Price
NGP-6050	Rope Clutch	\$3,328.95
NGP-6055	Without Clutch	\$2,562.32
NGP-6058	Elec. Clutch	\$3,800.61
NGP-6059	Hyd. Clutch	\$3,445.37

NGP-7050 Series



Single Piston, Double Acting
34.2 GPM / 120 PSI
450 RPM
1-1/2" Inlet / 1-1/2" Outlet

Part #	Description	Price
NGP-7050	Rope Clutch	\$3,821.24
NGP-7055	Without Clutch	\$3,056.43
NGP-7058	Elec. Clutch	\$4,330.92
NGP-7059	Hyd. Clutch	\$4,023.55

NGP-8050 Series



Double Piston, Double Acting
42.0 GPM / 120 PSI
450 RPM
1-1/2" Inlet / 1-1/2" Outlet

Part #	Description	Price
NGP-8050	Rope Clutch	\$4,927.60
NGP-8055	Without Clutch	\$4,218.79
NGP-8058	Elec. Clutch	\$5,390.93
NGP-8059	Hyd. Clutch	\$4,987.67

NGP-9050 Series

*Equivalent LM-4950 series



Double Piston, Double Acting
68.4 GPM / 120 PSI
450 RPM
1-1/2" Inlet / 1-1/2" Outlet

Part #	Description	Price
NGP-9050	Rope Clutch	\$5,425.61
NGP-9055	Without Clutch	\$4,693.18
NGP-9058	Elec. Clutch	\$5,832.51
NGP-9059	Hyd. Clutch	\$5,647.93

CDS-John Blue Exacto Flow



The Exacto-Flow provides unsurpassed accuracy with application rates as low as 2.5 GPM to 80 GPM. Piston Design insures unequalled accuracy. Eliminates the need for orifices. (Max 2.25 GPM per Outlet)

Part #	Description	Price
FD-0610-ADJ	6 Outlet / 3/4" Inlet	\$782.06
FD-1210-ADJ	12 Outlet / 3/4" Inlet	\$1,082.24
FD-2010-ADJ	20 Outlet / 1" Inlet	\$1,996.59
113989	Mounting Brkt	\$137.43
CV-1101-B14	1/4"Hose Barb 1 PSI Check	\$19.52
CV-1101-B38	3/8"Hose Barb 1 PSI Check	\$20.05
CV-1101-B12	1/2"Hose Barb 1 PSI Check	\$19.17
CV-1101-P14	1/4"PC* 1 PSI Check	\$21.59
CV-1101-P38	3/8"PC* 1 PSI Check	\$25.92
CV-1101-P56	5/16"PC* 1 PSI Check	\$19.46

* PC is Push to Connect Fittings

Abner Drive

Includes: Mounting Assembly, Jackshaft, Chain, Bearings, and Sprockets

Fits Some John Deere Planters

Call for Application - Other Drives Available

**** NET**

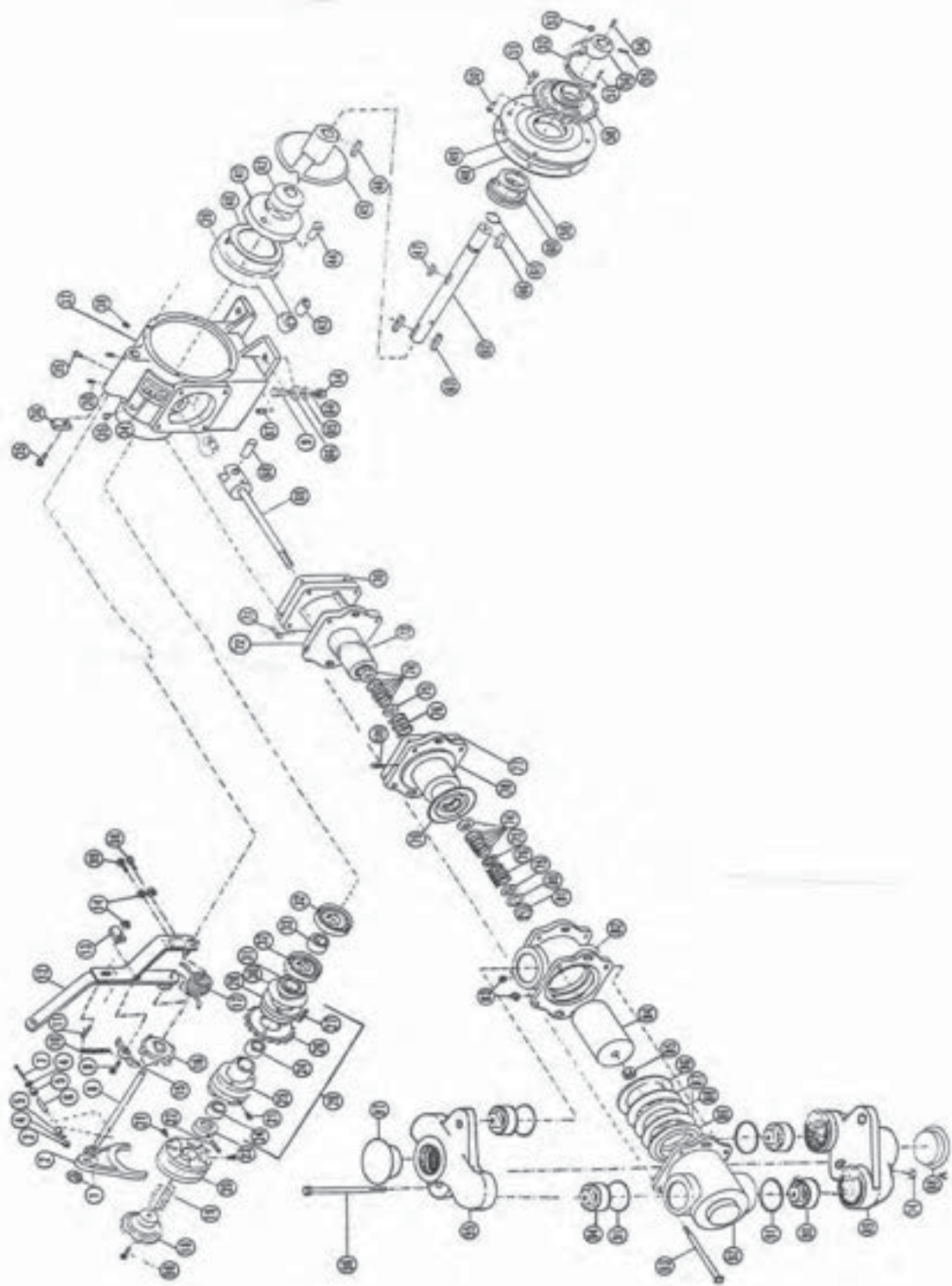
\$600.00

Parts Listing For LM-2450 Series

REF. NO.	PART NO.	ITEM DESCRIPTION	2450 QTY.	2455 QTY.	2459 QTY.	REF. NO.	PART NO.	ITEM DESCRIPTION	2450 QTY.	2455 QTY.	2459 QTY.
1	92037	5/8" JAM NUT	2	0	2	66	A-147	PUMP MOUNTING PAD	4	4	4
2	A-70	SHIFTER YOKE	1	0	1	67	C-111-B	1/4" PLUG	1	2	2
3	92014	#10 SQUARE NUT	1	0	0	68	105895-01	CROSSHEAD PIN	1	1	1
4	A-697	WASHER	2	0	0	69	105926-91	PISTON ROD ASSEMBLY	1	1	1
5	A-2762	CAM ROLLER	2	0	0	70	L-1038	CROSSHEAD GDE GASKET	1	1	1
6	A-2760	ROLL PIN	1	0	1	71	90637	5/16 X 1 HEX BOLT	4	4	4
7	90953	2 1/4 RD HD SCREW	1	0	0	72	90692	1/2 X 2 HEX BOLT	2	2	2
8	A-2761	SHIFTER ROD	1	0	0	**72	90693	1/2 X 2 BOLT, SS	2	2	2
9	90655	3/8 X 1 1/2 HEX BOLT	5	4	4	73	L-1000	CROSSHEAD GUIDE	1	1	1
10	P-48	THROW-OUT LEVER SPRING	1	0	0	74	L-1109	ROD VEE PACKING SET	2	3	2
11	94010	5/32 X 1 COITER PIN	1	0	0	75	L-1041	WASHER, PACKING	3	2	3
12	A-2756	THROW-OUT LEVER	1	0	0	76	L-1063	SPRING, PACKING	2	1	2
13	A-2760	SPRING CLIP	1	0	0	**77	L-1030	GASKET STUFFING BOX	1	1	1
14	92024	3/8 HEX NUT	11	6	6	78	L-1031-1	OUTBOARD STUFFING BOX	1	1	1
**14	T-2010	3/8 NUT, SS	2	2	2	**78	L-1031-1S	OUTBOARD STUFFING BOX, SS	1	1	1
15	A-2758-A	PAWL	1	0	0	79	L-1025	GASKET	1	1	1
16	A-2757-A	THROW-OUT CAM	1	0	0	80	L-1042	RETAINING RING	1	1	1
17	A-37-R	TORSION SPRING (R.H.)	1	0	0	81	L-1031-2	STUFFING BOX INSERT	1	1	1
18	A-50	HANDWHEEL	1	0	1	82	113650-01	CYLINDER, INBOARD	1	1	1
19	HA-57	SAFETY CLUTCH SPRING	1	0	0	**82	113650-01S	CYLINDER, INBOARD, SS	1	1	1
19A	108907-01	SAFETY CLUTCH SPRING	0	0	1	83	92029	1/2 HEX NUT	4	4	4
20	A-260	CLUTCH	1	0	0	**83	92030	1/2 NUT, SS	4	4	4
20A	108905-91	CLUTCH	0	0	1	84	103290-91	PISTON PLUNGER AS'BL	1	1	1
21	H-28	GREASE FITTING (DR. TYP.)	5	1	4	85	L-1047	SELF-LOCKING NUT	1	2	1
22	L-4249	DRIVE PIN	1	0	1	**86	L-1045-V	PACKING, PLUNGER	2	2	2
23	105373-01	CLUTCH COLLAR	1	0	1	**87	L-1098	GASKET, FLANGE PACKING	2	2	2
24	A-116	OLITE RUSHING	2	0	2	88	L-1044-A	WASHER, FLANGE PACKING	1	1	1
25	L-4008-A	CARRIER	1	0	0	88A	L-3115	1-1/2 PLASTIC PLUG	1	1	1
25A	108906-01	CARRIER	0	0	1	89	113649-01	SUCTION MANIFOLD	1	1	1
26	L-4006	16T SPROCKET	1	0	1	**89	113649-01S	SUCTION MANIFOLD, SS	1	1	1
27	90993	1/4 X 1 1/2 SOCKET HD BLT	3	0	3	90	106489-92	VALVE, SUCTION	2	2	2
27A	90637	5/16 X 1 HEX BOLT	4	4	4	91	L-3031	O' RING VALVE	4	4	4
28	L-4009	RETAINING	1	0	1	92	113651-01	OUTBOARD CYLINDER	1	1	1
29	L-4004	16T SPROCKET ASSEMBLY	1	0	1	**92	113651-01S	OUTBOARD CYLINDER, SS	1	1	1
**30	110155-01	WASHER	1	0	1	93	90689	1/2 X 1-1/2 HEX HEAD BOLT	2	2	2
**31	L-1018	OIL SEAL	1	1	1	**93	90687	1/2 X 1-1/2 BOLT, SS	2	2	2
32	L-1017	CRANKSHAFT BEARING	2	2	2	94	106490-92	DISCHARGE VALVE	2	2	2
33	L-1016	BEARING SPACER	1	1	1	95	113645-01	DISCHARGE MANIFOLD	1	1	1
34	111958-01	NAME PLATE	1	1	1	**95	113645-01S	DISCHARGE MANIFOLD, SS	1	1	1
35	90634	5/16 X 1/2 HEX BOLT	5	3	3	96	90672	3/8 X 7-1/2 HHMB	2	2	2
36	A-2759	SPRING CLIP (LOWER)	1	0	0	**96	91071	3/8 X 8 BOLT, SS	2	2	2
37	L-1001-A	CRANKCASE	1	1	1	97	C-3518	1" THREAD PROTECTOR	1	1	1
38	S-350	VENT PLUG	1	1	1	98	90653	3/8 X 1-1/4 HHMB	2	0	1
39	L-1008-B	CONNECTING ROD	1	1	1	99	90657	3/8 X 2 HHMB	1	0	0
40	L-928	BEARING	1	1	1	100	113685-01	16T SPROCKET	1	0	0
41	L-1013-A	ECCENTRIC, LARGE	1	1	1	101	90986	3/8 X 1/8 SCREW	0	2	0
42	L-1015	ECCENTRIC, SMALL	1	1	1	102	L-0019-A	CRANKSHAFT	0	1	0
**43	113588-01	BEARING	1	1	1	103	114706-91	THROW OUT ROD ASSEMBLY	0	0	1
44	L-3004	ECCENTRIC PIN	1	1	1	104	93016	SAE FLAT WASHER	0	0	1
45	L-1089	STROKE LOCATING SLEEVE	1	1	1	105	105445-01	BACK-UP RING	0	0	1
46	L-1020	SETTING ARM KEY	2	2	2	106	A-3736	O' RING	0	0	1
47	108693-01	KEY, WOODRUFF	1	1	1	107	105447-01	BODY	0	0	1
**48	L-1006	GASKET COVER PLATE	1	1	1	108	105452-01	BACK-UP RING	0	0	1
49	L-1004-A	COVER PLATE	1	1	1	109	105461-01	O' RING, PISTON ROD	0	0	1
50	91017	3/8 X 1 3/4 SQ. HEAD BOLT	1	1	1	110	105449-01	PISTON	0	0	1
51	90636	5/16 X 3/4 HEX BOLT	4	4	4	111	105462-01	BACK-UP RING	0	0	2
52	L-1002	PUMP SETTING SCALE	1	1	1	112	A-2849	O' RING	0	0	1
53	A-3097	3/8 SELF LOCKING NUT	1	1	1	113	105463-01	CYLINDER	0	0	1
54	H-30	GREASE FITTING (THREAD)	1	1	1	114	105500-01	BODY, O' RING	0	0	1
55	90532	5/16 X 7/8 SET SCREW	3	3	3	115	93010	5/16 FLAT WASHER	0	0	2
56	105933-91	STROKE SETTING ARM	1	1	1	116	113646-01	STRAP	0	0	2
57	A-368	SETTING SCALE SCREW	3	3	3	117	92020	5/16 HEX NUT	0	0	2
58	105932-91	STROKE SETTING FLANGE	1	1	1	118	93023	5/16 LOCK WASHER	0	0	2
**59	L-1021	OIL SEAL	1	1	1	119	90636	5/16 X 3/4 HEX HEAD BOLT	0	0	2
60	L-1007-A	CRANKSHAFT BEARING	1	1	1	120	114652-01	45° GREASE FITTING	1	1	1
**61	L-1022	CRANKSHAFT O'RING	1	1	1	121	110147-01	SPACER	0	1	0
62	L-1019	CRANKSHAFT	1	0	1						
63	A-261	SQUARE KEY	2	0	2						
64	93024	3/8 LOCK WASHER	4	4	4						
65	93011	3/8 FLAT WASHER	4	4	4						

* Parts contained in 113717 Repair Kit
 ** Parts Unique to the LM-2450-S Series Only

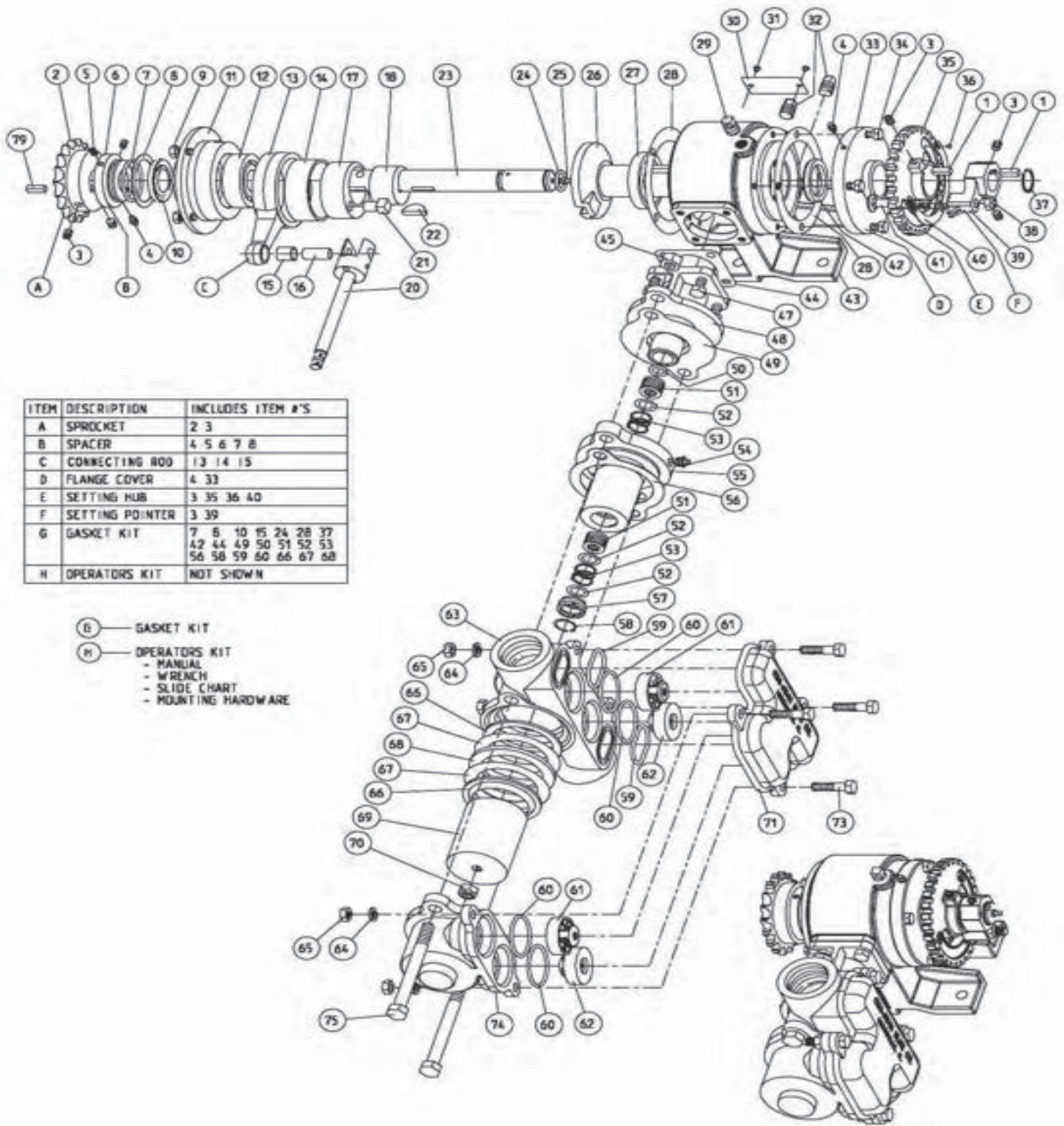
LM-2450 Series Pumps



PARTS LISTING – NGP-6055 & NGP-7055

ITEM		PART DESCRIPTION	NGP-6055	NGP-7055	ITEM		PART DESCRIPTION
			PART #	PART #			PART #
1	*	KEY	L-1020	L-1020	44		GASKET - CROSSHEAD
2	*	SPROCKET RC50-18T	112861-01	112861-01	45	*	1/2 HEX NUT
3	*	5/16 X 3/8 SET SCREW	90532	90532	46	*	1/2 LOCK WASHER
4	*	GREASE FITTING	H-28	H-28	47		HEX BOLT
5	*	1/4 X 3/8 SET SCREW	90530	90530	48		CROSSHEAD GUIDE
6	*	SPROCKET SPACER	115625-01	115625-01	49	*	GASKET - STUFFING BOX
7	*	O-RING	S-316	S-316	50	*	O-RING
8	*	THRUST WASHER	115626-01	115626-01	51	*	PACKING "Y" SET
9	*	5/16 X 1 HEX BOLT	90637	90637	52	*	PACKING WASHER
10	*	OIL SEAL	115621-01	115621-01	53	*	PACKING SPRING
11		COVER PLATE	115723	115623-01	54	*	GREASE ZERK
12	*	BEARING	L-3019	L-3019	55		STUFFING BOX
13		CONNECTING ROD	L-1008-A	113630-01	56	*	GASKET - INBOARD CYL.
14		JOURNAL BEARING	L-928	113629-01	57	*	STUFFING BOX INSERT
15		ROD BUSHING	113588-01	113588-01	58	*	PACKING - SNAP RING
16	*	ROD PIN	105895-01	105895-01	59		O-RING
17		ECCENTRIC - OUTER	L-1013-A	113633-01	60		O-RING
18		ECCENTRIC - INNER	L-1015	L-3017	61		DISCHARGE VALVE
19		TRANSFER SLEEVE	NOT USED	NOT USED	62		SUCTION VALVE
20		PISTON ROD ASSEMBLY	115712-91	105900-91	63		INBOARD CYLINDER
21	*	ECCENTRIC PIN	L-3004	L-3004	64	*	3/8 LOCK WASHER
22	*	WOODRUFF KEY	A-4333	A-4333	65	*	3/8 HEX NUT
23		CRANKSHAFT	115614-01	115614-01	66	*	PLUNGER - PACKING
24	*	O-RING	L-1022	L-1022	67	*	PLUNGER - GASKET
25	*	GREASE ZERK	115647-01	115647-01	68	*	PLUNGER - WASHER
26		SETTING SLEEVE	115718-01	115618-01	69	*	PLUNGER
27	*	BEARING	L-1007-A	L-1007-A	70	*	PLUNGER - LOCKING NUT
28		GASKET	L-1006	L-3602	71		VALVE COVER
29	*	VENT PLUG	S-350	S-350	72		1/2 FLAT WASHER
30	*	NAME PLATE	111958-01	111958-01	73	*	3/8 X 1-1/2 HEX BOLT
31	*	DRIVE SCREW	A-3557	A-3557	74		OUTBOARD CYLINDER
32	*	OIL PLUG	C-431-B	C-431-B	75		1/2 HEX BOLT
33	*	FLANGE COVER	115724-01	115724-01	76		GASKET - MANIFOLD
34	*	5/16 X 1 HEX BOLT	90637	90637	77		MANIFOLD - COMMON
35	*	SETTING HUB	115627-01	115627-01	78		1/2 HEX BOLT
36	*	SETTING SCALE SCREW	A-368	A-368	A	*	SPROCKET ASSEMBLY
37	*	SNAP RING	115791-01	115791-01	B	*	SPROCKET SPACER ASSY.
38	*	3/8 SELF-LOCKING NUT	A-3097	A-3097	C		CONNECTING ROD ASSY.
39	*	SETTING POINTER	115628-01	115628-01	D	*	FLANGE COVER ASSY.
40	*	SETTING SCALE	115645-01	115645-01	E	*	SETTING HUB ASSY.
41	*	3/8 X 2 CARRIAGE BOLT	115646-01	115646-01	F	*	SETTING POINTER ASSY.
42	*	OIL SEAL	115622-01	115622-01	G		GASKET KIT
43		CRANKCASE	115720-01	115620-01	H	*	OPERATORS KIT
* UNIVERSAL ACROSS NGP STANDARD PUMP LINE				* UNIVERSAL ACROSS NGP STANDARD PUMP LINE			

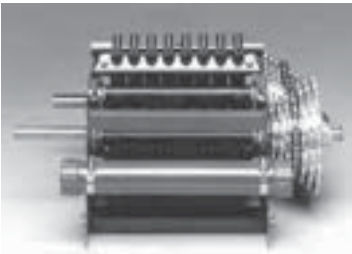
NGP-6055 & 7055 Series





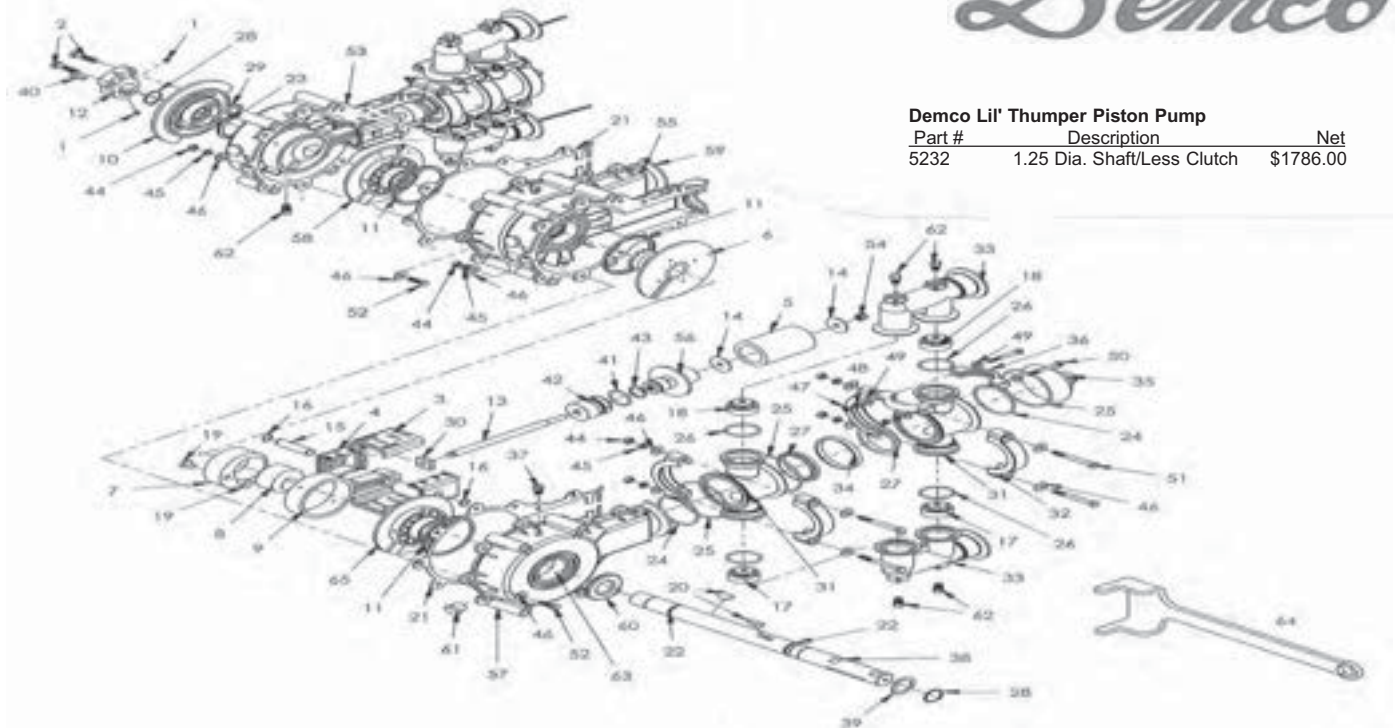
Better Built Performing Metering Pumps for Liquid Fertilizer

- CDS-John Blue Squeeze Pumps maintain a constant rate of application regardless of changes in the ground speed
- Develops 6 PSI discharge pressure and will lift product .
- Pumps are available from 4 to 52 outlets in various configurations.



CDS Squeeze Pumps		
Part No.	Description	Price
8B-1	8 Row	1813.36
12B-1	12 Row	2182.18
16B-1	16 Row	2200.62
24B-1	24 Row	2673.94

Replacement Squeeze Hoses		
Make	Part No	Price
CDS	08-0010 3/8"(B)	\$8.51
CDS	08-0020 5/8"(L)	\$13.32
John Blue	87249 1/2"	\$9.38
John Blue	87250 5/16"	\$10.58
Demco	24CS 1/2"	\$28.00
Demco	25CS 3/8"	\$32.00
Demco	26CS 5/8"	\$34.00



Demco Lil' Thumper Piston Pump

Part #	Description	Net
5232	1.25 Dia. Shaft/Less Clutch	\$1786.00

Demco Lil' Thumper Piston Pump Parts For Pumps with serial numbers 250000 and Larger

Ref. #	Part #	Description	Net	Ref. #	Part #	Description	Net	Ref. #	Part #	Description	Net
1	00087	Set Screw		23	01517	Oil Seal		44	01996	Nut	
2	00914	Bolt		24	01520	O-Ring, Sm. Cylinder		45	01997	Washer	
3	01166	Slide Cover		25	01521	O-Ring, Lg. Clamp		46	01998	Washer	
4	01167	Piston Slide		26	01522	O-Ring, CK Valve		47	02000	Nut	
5	01168	UHMW Piston		27	01524	Piston Wipe		48	02001	Washer	
6	01169	Drive Hub Adj. Slide		28	01528	Snap Ring		49	02002	Washer, Flat	
7	01171	Eccentric, Large		29	01529-95	Adj. Pointer plate		50	02004	Bolt,	
8	01172	Eccentric, Small		30	01530	Block, Piston Rod		51	02005	Bolt,	
9	01173	Connecting Rod		31	01534	Cylinder Housing		52	02006	Bolt,	
10	01176	Adjustment Disc		32	01535	Large Clamp, half		53	02200	Half Drive Case	
11	01177	Bearings Drive Hub		33	01536	Manifold		54	04632	Nut	
12	01191-95	Adj. Pointer		34	01537	Ring Piston Wiper		55	04642	Zerk	
13	01265	Piston Rod		35	01538	End Cap		56	5136	Stack Pack	
14	01313	Piston Washer		36	01539	Small Clamp		57	11924	Half Drive Case	
15	01317	Wrist Pin		37	01597	Plug Breather		58	11926	Drive Hub Adj. Side	
16	01318	Pump Snap Ring		38	01596	Drive Shaft		59	11927	Center Drive Case	
17	01320	Intake Valve-Blue		38	01599	Drive Shaft		60	11929	oil Seal (Drive Hub)	
18	01321	Exhaust Valve -Red		39	01979	Bushing		61	F1200	Plug 1/2" MPT	
19	01390	Drive Hub Adj. Pin		40	01989	Adj. Drive Key		62	F1400	Plug 1/4" MPT	
20	01391	Woodruff Key		41	12489	O-Ring Rod Guide		63	02501	Bearing	
21	01426	Gasket		42	01992	Bushing		64	11521-95	Pump Adj. Tool	
22	01516	O-Ring Main Shift		43	01993	O-Ring		65	01147	Center Drive Hub	

Spot Sprayers

25 GALLON SPOT SPRAYER



- *Tank has sump with a 3/4" outlet for complete drainage
- *Sub-frame included to elevate sump & plumbing for easier mounting
- *5 GPM pump for higher volumes and a greater distance spraying
- *Pump can handle a 12' boom or larger
- *Mounts easily on most ATV's

25 Gallon spot sprayer, 5 GPM Pump with adjustable demand switch, sub frame, poly spray wand, 25'coil hose and sump

<u>Part No.</u>	<u>NET</u>
SS25	\$590.00

Same as above plus a 12' boom with breakaways, shutoff valves, all Spray Systems Quick Jet plumbing, gauge, mounting brackets

SSB25	\$850.00
--------------	-----------------

(Does not include tips & screens)



ATV Sprayers Available with 40, 60 & 80 Gal. Tanks .
Also Available with 12 Volt Pump, PTO Pump or Gas Engine Driven Pumps.

Call For Pricing

Valves

Withdrawal Valve		Fill / Vapor Valve		Angle Valve	
					
Continental	Squibb				
	Price		Price		Price
Continental B-1206-E	\$302.09	Continental B-1201	\$321.14	Continental B-1250	\$248.77
Squibb 111151 (A521P)	\$307.79	Squibb 111155 (A525P)	\$361.15	Squibb 110300 (AL311-P)	\$302.32

Continental & Squibb Withdrawal Valve			Squibb Riser Valve	
	Inlet x Outlet			
	Continental Valves			Price
Part #	Description	Price		
A-1406-F	1 -1/4" x 1-1/4"	510.25	110575 (AL477EP) 1-1/4"x1"	\$802.23
A-1406-G	1 -1/4" x 1-1/2"	\$634.63	110590 (AL478EP) 1-1/4"x 2"	\$574.54
A-1608-F	With 2" Bushing	\$807.24	110596 (A490NR-110) 2"x1-1/4"	\$875.55
A-1507-G	1 -1/2" x 1-1/2"	\$798.35		
A-1507-F	1 -1/2" x 1-1/4"	\$715.86		
	Squibb Valves			
110775(A482N-60)	1 -1/2" x 1-1/2"	\$878.24		
111803(A484N-45)	1 -1/4" x 1-1/4"	\$849.51		

Continental & Squibb Hi Flow Hose End Valve		
		
	Continental Valves	
Part #	Description	Price
A-215L	1-1/4"x1-3/4"Long Coupling	\$652.40
A-2525C	1-1/4" Valve W/A411	\$469.64
A-577-C	Long Coupling Only	\$228.48
A-577-D	1-1/4"x 2-1/4"Coupling	\$261.48
A-577-CLC	Locking Collar	\$495.01
	Squibb Valves	
110860(A1525)	1 1/4" x 1 3/4"	\$744.17
110901(A1528)	1 1/4" x 2 1/4"	\$935.68
110906(A1529)	1 1/2" x 2 1/4"	\$969.88

Squibb & Continental 1" Globe Valves		
		
		Price
110333 (A329-AL) Squibb		\$305.06
B-1350 Continental		\$236.09

Globe Valve		
		
		Price
B-1650 Continental		\$247.51
110280 (AL310P) Squibb 1"		\$264.04
110335 (AL313P) Angle 1-1/4"		\$638.84
110365 (AL315P) Angle 1-1/2"		\$987.70
110320 (AL312P) Globe 1-1/4"		\$559.50
110355 (AL314P) Globe 1-1/2"		\$875.50
110395 (AL317P) Angle 2"		\$777.00
110375 (AL316P) Globe 2"		\$748.28
110415 (AL320P) Globe 3"		\$2,436.32

Minimum Bleed Valve		
		
		Price
110512(AL343-A) 1" FPT		\$854.98
110522(AL362A) 1 1/4" FPT		\$892.06

Quick Acting Valve		
		
		Price
110515 (AL345P-1)		\$634.73

Valve Locks		Price
360138	Large Lock, fits 3"Globe & Angle Valve(Upto 8" Handwheel Dia.)	\$162.80
360137	Small Lock, fits Globe,Angle & Tank Valves 3/4"-2"(upto 4 3/4" Handwheel Dia)	\$108.08



Acme Coupling		
		
B-521-B	1" MPT x 1-3/4" Acme	Price \$66.01

Acme Speed Coupling		
		
	Continental	Price
A-577-B	1" X 1 3/4"	\$130.74
A-577-C	1-1/4"x1-3/4"	\$227.20
A-577-D	1 1/4" X 2 1/4"	\$260.20
A-577-G	1 1/2" X 2 1/4"	\$321.14
A577-L-C	Locking Collar	\$478.51
	Squibb	
110645	(A1131F) 1" x 13/4"	\$147.74
110650	(A1132F) 1 1/4"x2 1/4"	\$295.54

Acme Adapters		
		
		Price
A-524-A	1/2" MPT x 1-3/4" Acme	\$54.58
A-524	3/4" MPT x 1-3/4" Acme	\$54.58
A-524-B	1" MPT x 1-3/4" Acme	\$40.63
A-524-C	1-1/4" MPT x 1-3/4" Acme	\$53.32
A-532	1 1/4" MPT x 2 1/4" Acme	\$135.81
A-533-G	1 1/2" MPT x 2 1/4" Acme	\$143.44
A-540	2" MPT x 3-1/4" Acme	\$238.61
A-542	3" MPT x 3-1/4" Acme	\$310.98

3/4" Vapor Relief Valve		
		
Continental A-402-VA		Price \$96.47
Squibb 110750 (A1301A)		\$110.81

1-1/4" Vapor Relief Valve		
		
Continental A-417-AB		Price \$387.13
Squibb 110795 (A1310A)		\$444.59

Relief Manifold Valve		
		
110835 (A1416)		Price \$1,986.27

Hydrostatic Relief		
		
A-400		Price \$55.86
Dust Cap A-400-DNC		\$2.33

Bleeder Valve (85% Fill) 1/4" MPT		
		
A-410		Price \$59.67

Vapor Relief Rain Cap		
		
A-402-NDC	(fits 3/4")	Price \$3.98
A-417-DC	(fits 1-1/4")	\$6.14

Bleeder Valve		
		
Continental A-411		Price \$27.94

NH3 Line Strainer		
		
LSAA100	1"	Price \$90.53
LSAA125	1-1/4"	\$115.79
LSSO	(screen only)	Call

Combo Valves		
		
B-1205	Cont. Dual Handle	Price \$479.78
111153 (A522P)	Squibb	\$714.07

Relief Valve Adapter		
		
110825 (A2031)	1" w/ 1/4"	Price \$53.77
110830 (A2032)	1-1/4" w/1/4"	\$97.21

RotaSeal Swivel		
		
112056	1" MPT x FPT	Price \$404.09
112061	1-1/4" MPT x FPT	\$730.50

Gaskets		
		
22-71-F	Acme Gaskets 1-3/4"	Price \$0.89
532-2	Acme Gaskets 2-1/4"	\$3.63
540-2	Acme gaskets 3-1/4"	\$4.07
130122	Volume Gauge Gaskets	\$3.85

SAFETY

Top Mount Water Can



Price

E3838	\$208.00
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Safety Container



Price

AG-41	\$95.00
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Chemical & Surgical Gloves



Price

CG10 Chemical	\$7.00 Ea
SRG10 Surgical	\$32.00
Heavy Duty	Box of 100

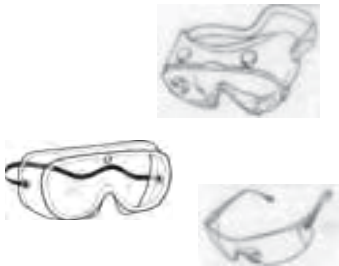
Rubber NH3 Gloves



Price

RG10	\$6.50
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Safety Goggles / Glasses



Price

DVG-Indirect vent	\$6.50
NVG-Nonvent	\$11.50
Larger Frame Uvex	
WG1000 Goggles	\$24.00
WSG1000 Glasses	\$19.00

Eye Wash Bottle



Price

EB100	\$4.50
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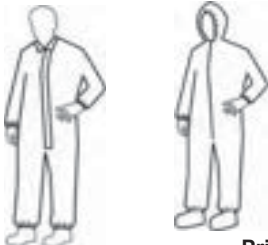
**Safety Chains
(Per Set of Two)**



Price

SC3835 3/8"	CALL
SC3837 7/16"	CALL
3/8" = 16,2000lb	
7/16" = 26,400lb	

Tyvek Disposable Coverall

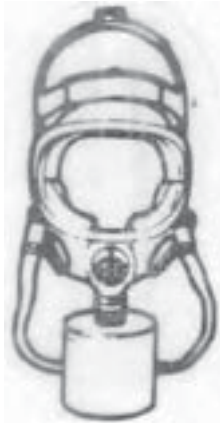


Price

Without hood or elastic	
40804 XL	\$19.00
With hood, boots & elastic	
40904 XL	\$18.00
Sleeves Only	
TDCSO	\$5.50 pr.

3100 Series Masks

Call For Price



MSA Canister



Price

10059903	\$263.00
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Deluxe Chemical Apron



Price

40701	\$58.00
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Dust Mask w/ Valve



Price

N1125	\$9.10
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Chemical Safety Kit

Kit Includes:

- 6000 Pest Respirator
- Chemical Apron
- Chemical Gloves
- Safety Goggles
- Bag for Above Contents

Price

CSK6000	\$142.00
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P & H Safety Equip.




Price

Water Cans	
WCTM - Top Mount	\$137.00
WCSM - Side Mount	\$124.00
Safety Cont.	
SC	\$102.00



Complete Ammonia Dust/Mist Respirator (W/Cartridge) For Manure dust and ammonia vapor dry fertilizer dust and ammonia vapor, liquid or anhydrous vapor not to exceed max.

Price

3M630007026 (med) Ammonia/Dust/Mist Respirator	\$104.00
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Complete Pesticide/Paint/Dust/Mist Respirator (W/Cartridge) - For spraying chemicals and paints, organic vapors, dust and mist.

Price

3M6300P (med) Pesticide/Paint/Dust/Mist Respirator	\$69.00
--	---------

Replacement Cartridges

Price

3M60924 - Ammonia Cartridge	\$73.00
3M60923 - Organic Cartridge	\$73.00
3M60928 - Pesticide Cartridge	\$95.00

DECALS



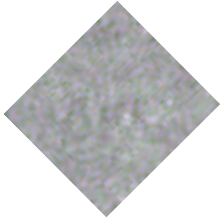
	<u>Price</u>
Q2707 - 2"	\$4.10
Q2708 - 4" (Nurse)	\$7.21
Q2766 - 6" (Storage)	\$10.53



	<u>Price</u>
Q2706 - 2"	\$7.37
Q2709 - 3" (Nurse)	\$8.43
Q2710 - 4" (Storage)	\$16.85



	<u>Price</u>
Q2713 - 2"	\$5.27
Q2705 - 4" (Nurse)	\$8.05



	<u>Price</u>
Q2703	\$4.86



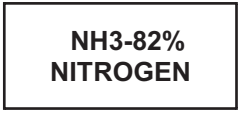
	<u>Price</u>
Q2701	\$3.48



	<u>Price</u>
Q2711	\$7.37



	<u>Price</u>
Q2712	\$8.18



	<u>Price</u>
Q2799	\$10.68

**Quick Coupler Decal
Parker**



	<u>Price</u>
Q2717	\$5.72

**Quick Coupler Decal
Squibb**



	<u>Price</u>
FM126-2000 REV.3	\$23.14



	<u>Price</u>
Q2714	\$6.00



	<u>Price</u>
Q2716	\$2.70



	<u>Price</u>
Q2704	\$6.25

**Quick Coupler Decal
Continental**



	<u>Price</u>
HF125QCD	\$23.55

	<u>Price</u>
Q2702 - Decal	\$27.71
10202 - Metal	\$36.01
10204 - Spade/Socket	\$13.86



Nurse Tank Decal Set:
Contains 2-NH3 Curved, 2-NH3 Straight, 2- Inhalation Hazard
4-1005, 1-Valve ID, 1-Red Safety

	<u>Price</u>
1-White Transfer	Q2700 \$85.27

3M Conspicuity Tape




	<u>Price per Foot</u>
3MCTRW 11" Red x 7" White (2"x150')	\$4.21
3MCTW White Only (2" x 150' rolls)	\$4.21

Pressure Gauges



(Std 2-1/2" Face)

	<u>Price</u>
ASG60 (0-60)	\$20.61
ASG150 (0-150)	\$20.61
ASG400 (0-400)	\$20.61
ASG604 (4" 0-60)	\$41.07

Volume Gauge



	<u>Price</u>
C6230-21 Top Mnt. 41" (1000 Gal. Tanks)	\$99.08
C6280-24 Top Mnt. 46" (1450 Gal. Tanks)	\$99.08
Other Sizes Available Please Call	

Reusable Ends



	<u>Price</u>
16CL 1" MPT x 1" Hose	\$52.43
20CL 1-1/4" MPT x 1-1/4" Hose	\$79.29

Junior or Senior Flat Dial



	<u>Price</u>
130041 (C520SR)	\$22.30
130049 (C520JR)	\$22.30

NH3 Flexible Connector



	<u>Price</u>
Z1682 1-1/4" MPT x 18" L	Call
Z1679 1-1/4" MPT x 24" L	Call
Z1667 2" MPT x 18" L	Call
Z1671 2" MPT x 24" L	Call
Z1685 3" MPT x 18" L	Call
Z1688 3" MPT x 24" L	Call

Acme Coupling

1-3/4" Female x Hose



	<u>Price</u>
B526A-CL Fits 1" Hose	\$111.56
B526C-CL Fits 1-1/4" Hose	\$163.95

Glue on Flat Dial



	<u>Price</u>
130016 (C521)	\$35.78

Bulk Anhydrous Ammonia Nylon Braid



	<u>Price</u>
NH3050 1/2"	Call
NH3075 3/4"	Call
NH3100 1"	Call
NH3125 1-1/4"	Call
NH3150 1-1/2"	Call
NH3200 2"	Call

Swivel Union Adapter



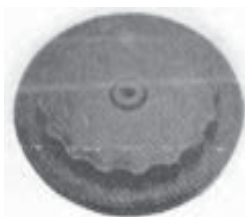
	<u>Price</u>
1404-16-16 1" MPT x FPT	\$26.16
1405-16-16 1" FPT x FPT	\$27.53
1404-20-20 1-1/4 MPT x FPT	\$42.67
1405-20-20 1-1/4 FPT x FPT	\$46.79

P & H Pigtail Lid



	<u>Price</u>
PH2	\$15.21

Screw Type Lid



	<u>Price</u>
RTC (fits red top mnt)	\$9.41
PH3 (fits P&H cans)	\$17.38

Anhydrous Ammonia Hose PreMade Assemblies



	<u>Price</u>
NH3A1003 1" x 3'	Call
NH3A1005 1" x 5'	Call
NH3A10012 1" x 12'	Call
NH3A10015 1" x 15'	Call
NH3A12512 1-1/4" x 12'	Call
NH3A12515 1-1/4" x 15'	Call

Valve Repair Kits & Locks

Continental Kits

Part No.	For Valve Part No.	Price
A-2212-RK	Repair Kit 1" Repairs all: 1200 & 1300 Series	\$42.88
A-24-RK	Repair Kit 1-1/4" & 1-1/2" Repairs: A2424-A2450-A2550	\$61.64
A-26-RK	Repair Kit 2" Repairs: A2600 - A2700	\$91.12
A-122-RK	Repair Kit Repairs: A100-A122-A123-A124	\$33.50
A-25H-RK	Repair Kit Repairs: A2525-H, A215-A215L	\$59.07

Squibb-Taylor Kits

Kit No.	For Valve No.	Price
119039 (308-22)	AL308, AL309, A1570, A1571 A1572, A1574, A1578	\$49.09
119059 (310-22)	AL310, AL311, AL477, AL478, A521P, A525, A1587, A1590, A1591, A1592, A1596, A1597, A1598, A1599	\$46.23
119109 (312-22)	AL312, AL313	\$82.32
119125 (314-22)	AL314, AL315	\$96.76
119169 (316-22)	AL316, AL316F, AL317, AL317F	\$96.76
119217 (320-22)	AL320, AL320F, AL321, AL321F	\$163.18
119360 (343-22)	AL342, AL343, AL362 (Iron Body)	\$150.17
119351 (363-20)	AL343A, AL362A (Alum Body)	\$137.18
119361 (344-22)	AL344, AL345	\$147.29
119255 (407-21)	AL407, AL409, A1556	\$36.10
119279 (410-21)	AL410, AL411, AL412, AL413	\$50.55
119300 (479-22)	AL479	\$73.65

REGO Kits

Repair Kit No.	For Valve	Price
A7505-50	A7505AP A7506AP A7016A A8016A	\$46.20
A7507-50	A7507AP A7508AP	\$60.56
A7509A (no o-rings)	A7509AP A7510AP	\$69.32
A7509-50	A7509BP A7510BP	\$67.78
A7511-50	A7511AP A7511FP A7512AP A7512FP	\$122.74
A7513-50	A7513AP A7513FP A7514AP A7514FP	\$89.52
A7515-50	A7515AP A7516AP A7517AP A7517FP A7518AP A7518FP	\$132.85
A7705-50	A7704 A7705	\$44.77
A7707-50	A7707 A7708	\$85.19
A7726B-50	A7726B A7727B A7728B	\$49.09
A7797-50	A7797	\$109.74
A8016B-50	A8016B	\$46.20

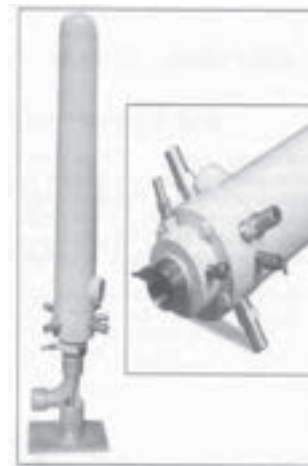
Super Flow Heat Exchanger

SUPERFLOW A-SF-3000 HIGH FLOW HEAT EXCHANGER UP TO 46 GPM CAPACITY. N-SERVE PROOF STAINLESS STEEL INTERIOR

The **ASF Equalizer** from *Continental* can now supply you with total liquid NH₃ to your metering point. No more guessing what is being put on your field. You get accurate, precise flow rates of liquid nitrogen with the Equalizer!

Increased Output: The Equalizer dramatically increases output at tank pressures as low as 50 PSI.

Part No.	Description	Price
A-SF-3000GH	1-1/2" Super Flow Horizontal Mount Less Strainer	CALL



Vapor Relief Rain Cap



Price

A402NDC	(fits 3/4")	\$4.33
A417DC	(fits 1-1/4")	\$6.50

Squibb Rain Cap



Price

P145	\$11.28
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Parking Plug



Price

A524WB	\$26.66
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Plastic Dust Cap



Price

2263FC	1-3/4"	\$9.85
111586 (ST-1177)	2-1/4"	\$27.23

Back Check Valve



Part No.	Description	Price
111398 (A1730)	1-1/4" Back Check	\$357.03
111390 (A1728)	2" Back Check	\$411.75
111395 (A1729)	3" Back Check	\$792.05

Iron Acme Dust Cap & Chain



Part No.	Description	Price
A-529C	1-3/4" Cap & Chain	\$66.32
A-535C	2-1/4" Cap & Chain	\$165.27
A-545C	3-1/4" Cap & Chain	\$185.27

Rego & Squibb Excess Flow Valve



Part No.	Description	Price
111335(A1705-45)	1-1/4"MPT x 1-1/4" FPT	\$305.06
111390 (AL1728)	2" MPT x 2" FPT	\$411.75
111340 (AL1706)	1-1/4"MPT x 1-1/4" MPT	\$366.76
111361 (AL1711)	2"MPT x 2" MPT	\$656.61

Misc. NH3 Adapters

Call For Pricing



Manifolds

New CDS-John Blue Impellicone Flow Divider

The Name comes from the unique shaped needle which spins and mixes the liquid and gas phases distriputing them evenly. The simple design allows for ease of service without removing the distripution lines. Available in two models, the IP-1300 (13 port) & IP-1800 (18port). With the design it allows you to plug unused ports without sacrificing acuracy.

Part No.	Description	Price
IP-0600	6 Outlet - 1/4" FPT	\$454.00
IP-1300	13 Outlet - 1/4" FPT	\$579.76
IP-1800	18 Outlet - 1/4" FPT	\$745.29
IPS2-4	4-Port Splitter	\$591.54
IPS2-6	6-Port Splitter	\$630.89
113989	Manifold Mount	\$140.46

1" FPT Inlet on all Models

When ordering multiple manifolds for your bar each manifold must have the same number of outlets. **Example: Must have 18-18-18 / Not 18-13-18**



Also available is the splitter manifold.

Continental Vertical Dam Manifolds

Continental is very pleased to introduce the newly redesigned MVD maifold system. The most important change to the MVD has been the addition of the INLET ORIFICE ACCELERERATOR BUSHING. This bushing allows us to eliminate the need to custom build each manifold to fit its application.

Part No.	Description	Price
A-MVD-16A120	20 to 150lbs. N per outlet 3/8	\$561.74
A-MVD-16B120	20 to 150lbs. N per outlet 1/2	\$561.74
A-MVD-16A201	150 & up lbs. N per outlet 3/8	\$561.74
A-MVD-16B201	150 & up lbs. N per outlet 1/2	\$561.74
A-SVD-___	3, 4, 5 Splitter	\$764.60



To determine manifold size use the following formula

Outlets = 3 thru 16

Tool bar width in feet x speed x lbs. N per acres x .1212 = total lbs. N per hour

A = 3/8" Barbs / B = 1/2" Barbs

Then taking your total lbs. N per hour and dividing it by your number of outlets will get you lbs. N per outlet.

Hydraulic Shut Off and Misc.

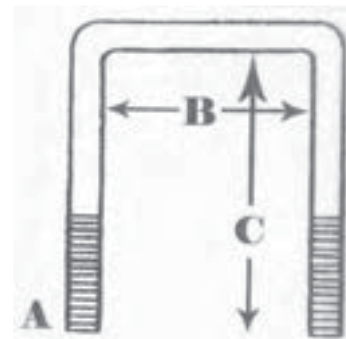
Part No.	Description	Price
R-9590	Hydraulic Shutoff	\$546.96
R-9590RK	Repair kit	\$142.45

Stainless Rotor Shaft
Indicator Flag
Vented Ball



U-Bolts

Part No.	Description	Price
058-4-5.5	5/8" x 4" x 5 1/2"	\$14.05
058-4-8	5/8" x 4" x 8"	\$24.78
058-5-8.5	5/8" x 5" x 8 1/2"	\$16.52
058-6-5.5	5/8" x 6" x 5 1/2"	\$13.77
058-7-6.5	5/8" x 7" x 6 1/2"	\$16.45
058-7-8.5	5/8" x 7" x 8 1/2"	\$16.52
034-4-5.5	3/4" x 4" x 5 1/2"	\$17.90
034-4-7.5	3/4" x 4" x 7 1/2"	\$24.78
034-6-5.5	3/4" x 6" x 5 1/2"	\$23.40
034-7-6.5	3/4" x 7" x 6 1/2"	\$24.78
034-7-9	3/4" x 7" x 9"	\$27.53
034-8-14	3/4" x 8" x 14"	\$28.91
034-8-18	3/4" x 8" x 18"	\$31.66
034-813-18	3/4" x 8 13/16" x 18"	\$35.78



A = Bolt diameter

B = Width between legs

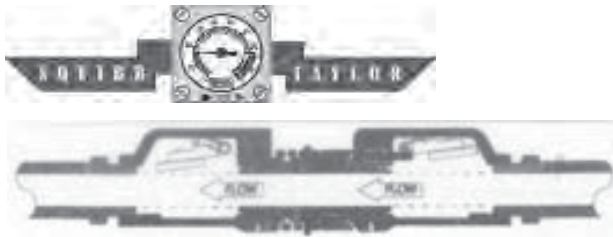
C = Inside length of legs

Breakaway Couplers

All couplers are sold as complete units.
Only available w/ Brackets.
These couplers have replacement dates

Pioneer Breakaway Couplers

Part No.	Description	Price
4500-6M	1" complete w/male acme	\$803.95
4510-6MC	1" male tip w/acme	\$180.99
4510-6C	1" male tip x 1" FNPT	\$137.89
OS10	O-ring & Scraper	\$14.01
4500-7	1-1/4" complete w/ FNPT	\$903.67
4510-7C	1-1/4" male tip w/ FNPT	\$242.54
O10	O-ring only	\$5.61
SB	Swivel Bracket	\$152.37
45-600-6A	Retaining Ring	\$15.40



Stainless Steel Construction / Fits Std. Brkt.
No Replacement Date !
New Flowmax has virtually no pressure drop
so you can flow more product in lower temps.

Squibb Breakaway Couplers

Part No.	Size / Type	Price
113202 (FM150)	1 1/2" FPT Flo Max with EZ Bracket	\$2,797.44
113026 (FM126)	1-1/4" FPT Flowmax	\$1,467.81
SB	Swivel Bracket	\$152.37
113046	(FM125-0024) O-Ring Kit	\$31.46
113013	(FM126-2000) REV.3 Decal	\$27.37
113049	(SFM125/126-1200) Male Half	\$673.68



Squibb In-Line Breakaway Coupler

Part #	Description	Price
113250 (IB125)	1 1/4" FPT Inlet x 1 1/4" FPT Outlet	Call



For Use at Toolbar on In-Line w/Tandem Tanks.

EZ Bracket for Squibb FM126

Part No.	Description	Price
113019 (FM126-1500)	EZ Bracket only	\$279.06



Breakaway Couplers

Continental Breakaway Couplers - with Bracket

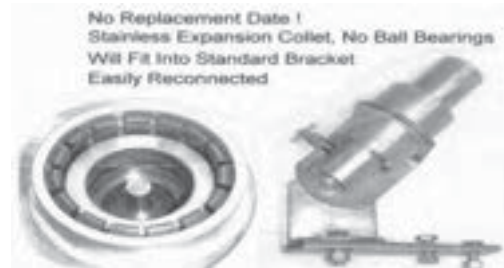
Part No.	Size / Type	Price
A-HFC-114	1-1/4" FPT New High Flow	\$1,009.03
A-HFC-112-G	1-1/2" High Flow Coupler	\$1,553.62

No Replacement Date!

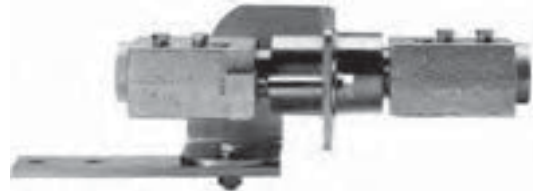
Stainless Expansion Collet, No Ball Bearings

Will Fit Into Standard Bracket

Easily Reconnected



Part No.	Size / Type	Price
A-SWV-125	1 1/4" Swing Valve Coupler	\$1,813.68
A-SWV-150-G	1 1/2" Swing Valve Coupler	\$2,235.11



Continental Riser Safety Shear

Retro fits to most existing risers, Includes solid steel mounting hardware, No accidental disconnects, Five year unconditional warranty, Available in 1" or 1-1/4"

Buy 2 same size shear and get 1 replacement Free

Part No.	Description	Price
A-53-RSS	1" MPT 53 GPM	\$953.19
A-72-RSS	1-1/4" MPT 72 GPM	\$1,297.15
A-98-RSS	1-1/4" MPT 98 GPM	\$1,672.84

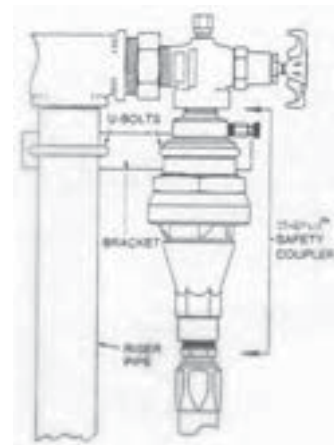


Squibb Taylor TriPod Safety Coupler

All stainless steel construction, Double back check to minimize product release from both sides, Not sensitive to direction of pull, Adapts to most existing risers, 5 year warranty.

Part No.	Description	Price
113051 (TP5-1000)	1" MPT - 55 GPM	\$2,159.98
113056 (TP6-1000)	1" MPT - 77 GPM	\$2,719.47
113059 (TP7-1000)	1-1/4" MPT - 126 GPM	\$3,683.87

O-Ring kits available - Please get model # and mfg. date off Tripod before you call - some early models need to be repaired at factory.



Knives

Call For Pricing On All Knives

A-50-SK



Alloy steel shank, 1/2" thick 1lb. 9oz. High chrome alloy cast insert. C.T.P. Chrome tube protector. Made of high chrome alloy casting.

A-50-SK-3834

Knife with 3/8" tube & 3/4" vapor tube & side plates

A-50-SS



The new Super Sealer was designed for superior sealing action. The foot is wider and runs at an upward angle.

A-50-SS-3834

Knife with 3/8" tube & 3/4" vapor tube & side plates

A-50-NP



This thin profile knife with chrome insert and tube protector is well suited to conservation tillage applications.

CPK-1PO



The CPK knife is a heavy duty chisel plow knife - designed with a removable chrome tip for fast replacement.

CPK-1PO Complete
CPK-PO Point w/Pin only

CP - 65



Chisel plow knife for NH3. The 2" width at the top covers the shank with ribs that fit the sides to eliminate twisting. Overall length is 12" - Hole punch 1/2" 2-1/4" to 2-1/2" center to center. Knife is Hardfaced.

CP - 90



Chisel Plow Knife for NH3 with replaceable tip, chrome insert, tube, and roll pin. 1/2" punching on 2-1/4" centers. Made from 2-1/4" x 3/4" stock. Uses #3 plow head bolts - 14" overall length. Knife with 3/8" tube & 3/4" vapor tube & side plates.

1573 Insert & Pin

Lange Knife



CC-240 Standard
CC-440 JD Bar HD
CC-205 Tip Only
L-Clip Bracket

DT3 & DT4



DT3 Plain
DT3 Hard Surface
DT4 Hard Surface
DT4 With Insert

Redesigned dual tillage knife developed for 1-1/4" wide shanks when applying NH3 with field cultivators. 7/16" hole punch, 1-3/4" to 2" centers use 7/16" hex head bolts

CP-70-CI-4



Thin profile chisel plow knife with CI-4 insert installed 1/2" punching on 2-1/4" centers. Made from 5/8" stock, use #3 plow head bolts.

CI-4 Insert Only

Wiese Freezeless Knife
Standard or Super Sealer Style



Replacement Parts

K2857-3/8" Closed / Drilled
K2853-1/2" Closed / Drilled
K2854-1/2" Open
1234F 3/4" Vapor
AS-75 Beavertail



New to Abner Sales

CALL FOR PRICING!

TOO MANY TYPES & OPTIONS TO LIST



410-KNF-0835

410 Series Speed-Loc
Hot Gas NH3
3/8" OD
3/4" Welded Tip w/ Carbide



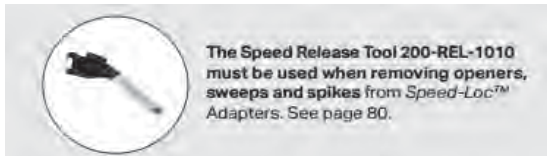
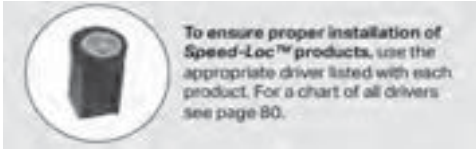
602-KNH-7530

43, 47, 50 C-Shank
Hot Gas NH3, Liquid, Agua NH3
3/8" OD
3/4" Tips



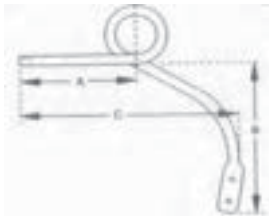
674-ASY-7523

Nitro-Master Edge on Shank
Non-Freeze NH3, Cold Flow NH3, Hot Gas NH3
NH3: 1/2" OD. Hot Gas NH3: 3/8"
3/4" Tips



Shanks and Misc.

Three-Hole Footed Shank

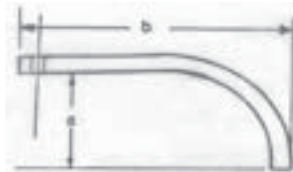


A	B	C
13"	20"	25-1/4"

Part No.	OEM	Price
TBS3F	TCI / BlueJet	\$190.00

1" x 2" Flat

1" x 2" flat chisel shank. Mntg hole is 13/16". This shank requires knife side plates.



Part No.	Price
DMI12	120.00

DMI Shank



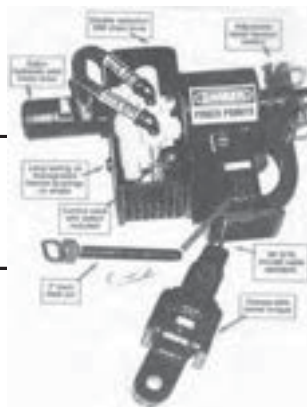
Part No.	Price
DMI	1" x 2" w/Foot Call

Hydraulic Winch Hitch

CALL FOR PRICING

Part #

S5-HYD	40' of 5/16 cable 10,000 lbs of line pull
H10-HYD	Built for HEAVY DUTY use Up to 3500 gal + 60' of 3/8 cable Bigger shaft, drive chain, spool & cable



Spring Shank Assembly



Part No.	Price
S-1244SLX	4x4 or 4x6 Dbl. Spring Call

1-800-450-6666

Jacks / Misc.

A (height) is the distance from the ground to the center of collar

2000 Lbs Top Wind



Part No.	Description	Lift	A (Height)	Price
VI-020	Weld Collar	10"	11"	\$73.00
VI-520	Weld Collar	15"	16"	\$78.00

5000 Lbs Side Wind



Part No.	Description	Lift	A (Height)	Price
VI-050	Weld Collar	10"	11"	\$97.00
VI-550	Weld Collar	15"	16"	\$97.00
SW50 (bulldog)	Weld Collar	15"	15-1/2"	\$150.00

5000 Lbs Top Wind



Part No.	Description	Lift	A (Height)	Price
VI-555	Weld Collar	15"	15-1/2"	\$81.00
H-170 (bulldog)	Weld Collar	10"	11"	\$158.00
H-180 (bulldog)	Weld Collar	15"	14"	\$200.00

Heavy Duty Jacks



Part No.	Description	Price
VI-720	Teliscoping Leg - 7000lbs	\$121.00
TJ-06-01K	Wheeled Side Wind 1000#	\$94.00
VI 1200	12000lb Drop Leg	\$342.00

Wheeled Jack



Misc.



Part No.	Description	Price
VI-701	Weld On Brkt.	\$38.00
64.002.000	Inner Mnt	\$11.00

Hitch Pin Clip



Part No.	Fits	Price
60870	5/32" Hole	\$0.75

KWIC Twist Clip



Part No	Fits	Price
63930	3/4" - 1"	\$1.50

Wire Lock



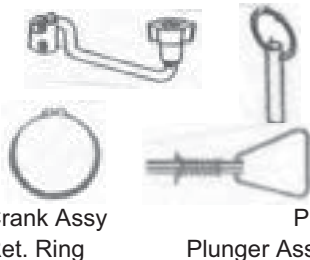
Part No	Fits	Price
21998	3/8" x 3"	\$5.00
21980	5/16" x 21/4"	\$4.00
21971	1/4" x 21/4"	\$4.00

Density Scale



Part No.	Type	Price
DSF100	Fertilizer	\$88.00
DSG100	Grain	\$88.00

Replacement Parts



Crank Assy
Ret. Ring

Pin
Plunger Assy

Roller Chain



Part No.	Price
#40 MS Chain	\$7.00
#40 SS Chain	\$26.00
#50 MS Chain	\$10.00
#50 SS Chain	\$41.00

Red Top Hitch Pins



Part No.	Type	Size	Price
HPRT0384	Red Top	3/8"x4"	\$8.00
HPRT0124	Red Top	1/2"x3-5/8"	\$10.00
HPRT0756	Red Top	3/4" x 6"	\$11.00
HPRT0786	Red Top	7/8" x 6-1/2"	\$15.00
HPRT1006	Red Top	1" X 7-1/2"	\$17.00

Lock Ease

Part No.	Size	Price
HPL0756	3/4"	\$41.00
HPL0786	7/8"	\$44.00
HPL1006	1"	\$49.00

Soil Probe

Part No.	Price
SP100	\$126.00

Tile Marker Flags

10' Bright Fluorescent Orange

Part No.	Description	Price
TMR10	W/Reflective Strip	\$10.50
TMR10RF	W/Ref. Strip & Flag	\$15.00
TMFO	Flag Only	\$4.50

36" Wire Marker Flags

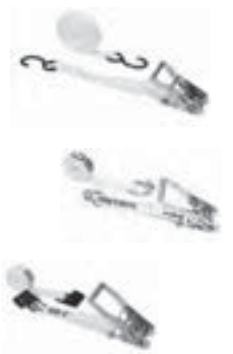
Assortment of colors

Part No.	Price
WMF36	\$0.48



US Cargo Control

Part No.	Rating	Description	Price
1615SH	400 lbs	1" x 15' Ratchet Strap w/ S-Hook (Utility)	\$19.00
2615SH	400 lbs	1" x 15' Ratchet Strap w/ S-Hook	\$23.00
5027WH-Y	3,333 lbs	2" x 27' Long wide Handle Ratchet Strap w/ Wire Hooks Yellow	\$39.00
5027FH-Y	3,333lbs	2" x 27' Long wide Handle Ratchet Strap w/ Flat Hooks Yellow	\$39.00



Tarp Straps *Bags of 10

Part No.	Stretch	Description	Price
RT09CR50	9" - 14" Max	Natural Rubber Tarp Strap	\$1.75
RT15CR50	15" - 23" Max	Natural Rubber Tarp Strap	\$1.90
RT21CR50	21" - 32" Max	Natural Rubber Tarp Strap	\$2.15
RT31CR50	31" - 47" Max	Natural Rubber Tarp Strap	\$3.40
RT41CR50	41" - 62" Max	Natural Rubber Tarp Strap	\$4.10



Recovery Straps

Part No.	Rating	Description	Price
TS2-230	16,000 lbs	2" x 30' 2-ply Recovery Strap w/ Reinforced Flat Eyes	\$145.00
TS2-330	24,000 lbs	3" x 30' 2-ply Recovery Strap w/ Cordura Reinforced Eyes	\$245.00
TS2-430	32,000 lbs	4" x 30' 2-ply Recovery Strap w/ Cordura Reinforced Eyes	\$310.00
TS2-630	40,000 lbs	6" x 30' 2-ply Recovery Strap w/ Reinforced Flat Eyes	\$490.00



YankumRopes

Now a Proud Distributor of Yankum Ropes

The key feature to make the kinetic recovery rope so effective is its ability to stretch. When put under the load, it will stretch up to 30%, which introduces many benefits during vehicle recovery.

Kinetic Ropes, Soft Shackles, Heavy Duty Shackles, Recovery Kits, Winching, Recovery Tools

* Many sizes of each available. Please call Abner Sales or visit www.yankum.com for more information before ordering *



**FARM TRACTOR
RECOVERY KIT**



**1-TON TRUCK OFF-ROAD
RECOVERY KIT**





FROM AGRI-COVER®



- Most Comprehensive Stainless Steel Tarping System On The Market
- Quick Release Tarp Stops Powder Coated with Stainless Steel Base
- 14" Deep, 7" Standard Rise Stainless Steel End Caps, 12" Rise-optional
- 18 oz. Tarp in Black, White, Gray, Ocean Blue, Red, Orange, Yellow, Green or Brown
- 3" Aluminum Roll Tube
- 1 Ridge Strap SST
- Stainless Steel Bows included
- Electric - Optional

Replacement Tarps

For Standard 96" Wide Box 18 oz. Tarp Fits SRT-2 or EZ Loc.

If Box Width 96"-102" Add \$ 2.00 per ft

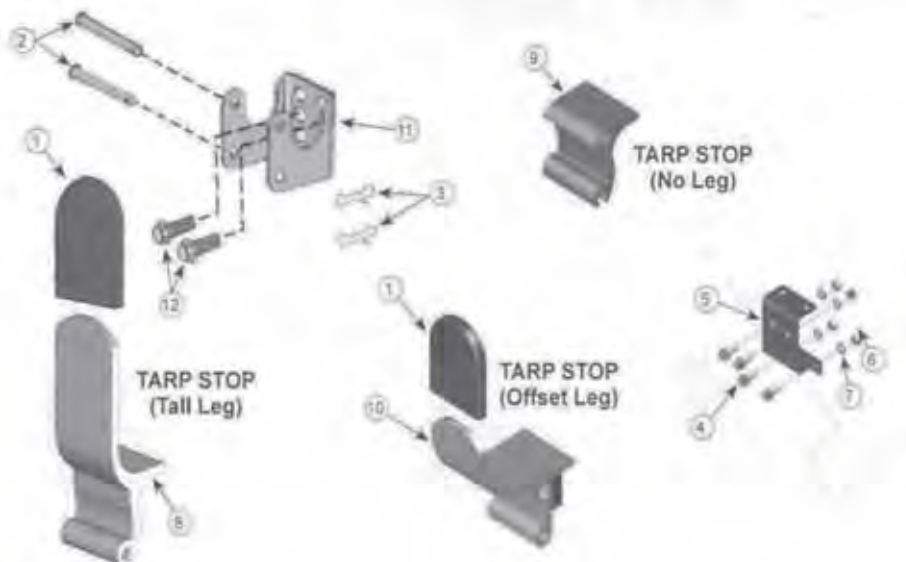
If Box Width 100"-120" Add \$ 3.50 per ft

If Box Width 121"-144" Add \$ 5.00 per ft

Part #	Description	Price
RT-8	8 Ft Replacement Tarp	
RT-12	12 Ft Replacement Tarp	C
RT-16	16 Ft Replacement Tarp	A
RT-20	20 Ft Replacement Tarp	L
RT-24	24 Ft Replacement Tarp	L
RT-30	30 Ft Replacement Tarp	L
<i>Please call for Detail Sheet to be filled out</i>		

Tarp Stops

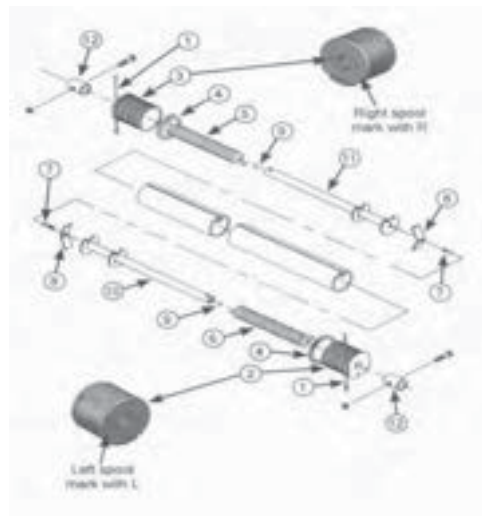
Item	Part #	Description	Price
1	30490	Vinyl Cap for Tarp Stop, Tall and Offset	\$2.37
2	10892	Clevis Pin	\$2.37
3	60036	Bow Tie Pin	\$2.37
4	10893	Bolt	\$2.37
5	70975	Offset Base Bracket	\$12.63
6	10186	Nut	\$2.37
7	10903	Washer	\$2.37
	50572	Powder Coated Quick Release Tarp Stop ASM (Tall Leg)	\$34.74
	50559	Powder Coated Quick Release Tarp Stop ASM ((No Leg)	\$33.16
	50584	Powder Coated Quick Release Tarp Stop ASM w/ SST Base	\$33.95
8	70332	Powder Coated Quick Release Tarp Stop Tall Leg (No Base) (For SS Kits)	\$9.47
9	70334	Powder Coated Quick Release Tarp Stop No Leg (No Base) (For SS Kits)	\$6.32
10	40916	Powder Coated Quick Release Tarp Stop Offset Leg (No Base) (For SS Kits)	\$9.47
11	70282	SST Base for Quick Release Tarp Stop	\$15.79
12	10927	Bolt	\$2.37
	10928	Nut	\$2.37
	10929	Washer, Lock	\$2.37
	10930	Washer, Flat	\$2.37



Agri-Cover Replacement Parts

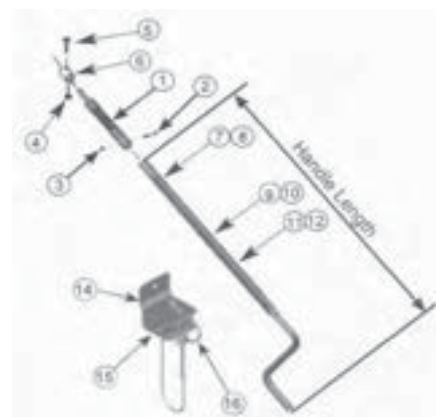
For SRT-2 System

Item	Part #	Description	Price
1	10941	Cable 139" Stainless (Up to 102" box)	\$25.26
2	4000225 (LH)	Spool, Left Front 3" Nylon (Up to 102" box)	\$12.63
3	4000226(RT)	Spool, Right Rear 3" Nylon (Up to 102" box)	\$12.63
	30655	Spool Grease (3/4 oz. Tube, Teflon Grease)	\$3.16
4	30553	Rubber Ring, Spool Grease Seal	\$4.74
5	40983	Spring, Front Powder Coat	\$35.53
6	40982	Spring, Rear Powder Coat	\$37.11
7	40961	Bolt carriage, 5/16" x 1"	\$2.37
8	10331	Clamp (For Cartridge) Galv. & SS Systems	\$4.74
9	60067	Nut, Hex Nyloc 5/16" Zinc Plated	\$2.37
10	10607	Powder Coated Cartridge (Front Left)	\$33.68
11	10608	Powder Coated Cartridge (Front Left)	\$33.68
12	50600	PVC Spacer, Bolt & Nut Kit (For Stainless)	\$6.32



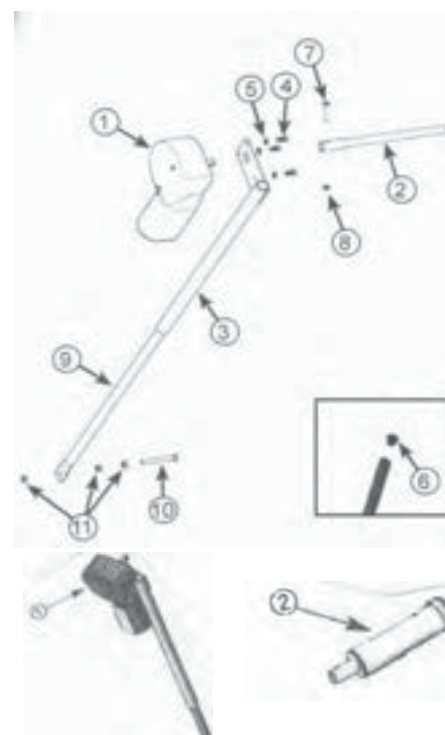
SRT-2 Crank, Flex Drive

Item	Part #	Description	Price
1	70150	Flex Drive Hose W/Shaft	\$136.58
2	60939	Bolt, 5/16" x 2 1/4" Zinc Plated	\$2.37
3	60067	Nut, Hex Nyloc 5/16" Zinc Plated	\$4.74
4	10178	Nut, Hex Rev Loc 5/16" Zinc Plated	\$4.74
5	10894	Bolt, 5/16" x 1-3/4" GR5 Hex Zinc Plated	\$2.37
6	10734	Spacer, PVC 1" Long	\$3.16
9	70649	Telescoping (Handle Only) Long 'ext. to 11'6"	\$200.00
10	70657	Telescoping Crank, Flex Drive Long(11' 6")	\$326.32
13	30527	Swivel & Crank Holder (Nylon) w/Pin	\$44.21
14	70235	SST Swivel w/Crank Holder	\$46.32
15	10733	Nylon Crank Holder (No Swivel or Hardware)	\$22.11
16	10887	Pin, 1/4" x 2" Tab Lock	\$2.37
	50600	PVC Spacer Bolt & Nut (For Stainless Steel)	\$6.32



SRT-2 Elec. Motor & Arm

Item	Part #	Description	Price
	40890	SRT-2 Kit SS (Motor, Wire, Switch, Solenoid & Arm)	\$1,582.11
1	50676	Motor w/ Cover	\$617.37
	50941	Motor Cover, Chrome (motor not included)	\$115.79
	60216	Cover, Chrome w/cut out	\$115.79
2	10333	Extension	\$24.47
3	10774	Pivot Arm	\$76.58
4	40941	Bolt, 5/16" x 3/4" Stainless Steel (Requires 3)	\$2.37
5	10922	Washer, Lock 5/16" Stainless	\$2.37
6	10124	Plug, Nylon	\$2.37
7	10925	Bolt, 5/16" x 3/4" Hex Stainless Steel	\$3.16
8	10924	Nut- SS	\$3.16
9	40989	Bottom Arm SS	\$77.37
10	10932	Bolt, 3/8" x 2-1/2" Hex, Stainless Steel	\$2.37
11	60451	Nut, 3/8" Hex Stainless Steel	\$2.37



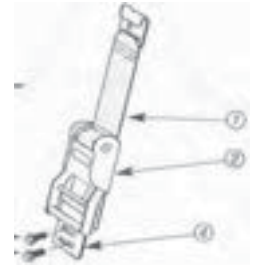
EZ-Loc Elec System Parts

Item	Part #	Description	Price
1	50948	Hi-Torque Motor	\$6,304.47
2	40964	Adapter	\$93.16

Agri-Cover Replacement Parts

SRT-2 Cable Ratchet (2")

Item	Part #	Description	Price
1	80039	Assembly	\$32.37
1	70983	Strap with Hook	\$11.84
2	70989	Strap with SS Hooks	\$16.58
2	80028	Ratchet Only	\$37.89
	80033	Ratchet Only - SS	\$42.11
	80043	Assembly SS Bracket & Strap	\$57.62



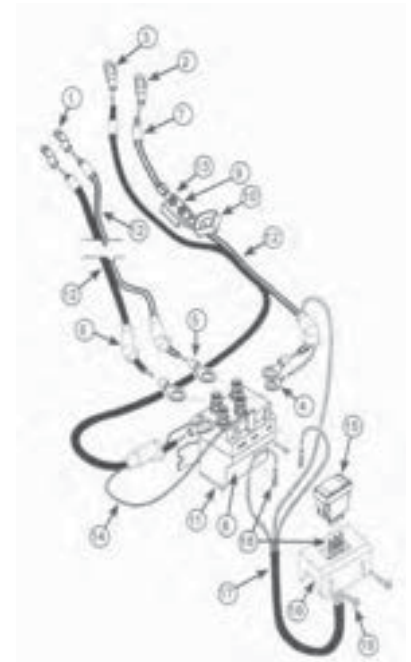
Semi Tractor/Trailer Connector

Item	Part #	Description	Price
	40918	Dual Pole Connector Socket & Plug Kit (200 Amp) Includes Bolts, Washers, Nuts, Terminals and Heat Shrink Tubes	\$139.74
1	70388	Dual Pole Socket w/Cover (200 Amp) (Includes Heat Shrink & Connectors)	\$50.53
2	20048	Dual Pole Plug (200 Amp)	\$63.95



Solenoid, Auto Circuit Breaker and Wire

Item	Part #	Description	Price
1	30312	Eyelet Terminal Ring 6 Ga. 5/16" for Motor Terminals	\$3.95
2	30314	Eyelet Terminal Ring 6 Ga. 1/2" for Battery Post (+)	\$3.95
3	30313	Eyelet Terminal Ring 6 Ga. 3/8" for Battery Post (-)	\$2.37
4	70446	Eyelet Terminal Ring 14 Ga. 1/4" for Solenoid	\$2.37
5	50996	Eyelet Terminal Ring 6 Ga. 1/4" for Solenoid	\$2.37
6	70278	Terminal Boots, Lug Type 8 - 2 Ga.	\$3.95
7	30649	Heat Shrink Kit 1- Pcs	\$14.21
	10867	Cable Tie, 11" Long Black (Not Shown)	\$2.37
8	70498	Solenoid, Motor Reversing 12V w. Jump Wire	\$112.89
9	10739	Circuit Breaker, Automatic 12V 40A	\$11.84
10	30648	Breaker Cover, Rubber	\$2.37
11	70298	Screw, Self Drilling Phillips #2x1	\$2.37
12	20046	Wire 6 Ga. 2 Strand	\$6.32
13	30647	Eyelet Terminal Ring 6 Ga. #10	\$2.37
14	70491	Jump Wire	\$6.77



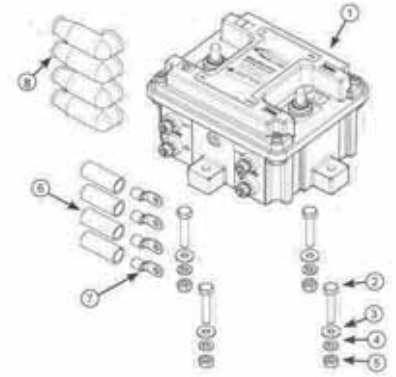
Rocker Switch Connectors & Wire (From Solenoid To Cab)

Item	Part #	Description	Price
	70476	Rocker Switch 12V Kit (Includes Switch, 10ft. Of 14 Ga. Wire, Solenoid & Related Hardware) Excludes Automatic Breaker & 6 Ga. Wire	\$202.11
15	40649	Rocker Switch 12 V	\$23.68
16	40673	Switch Mounting Bracket	\$3.95
17	40653	Wire, 3 Conductor 14 Ga. #10 (for Automatic Breaker)	\$0.53
18	70428	Terminal , Female Push On 14 Ga.	\$2.37
19	10914	Screw, Self Drilling Phillips #14x1	\$2.37
	40664	7/16" ID Rubber Grommet	\$2.37

Agri-Cover Replacement Parts

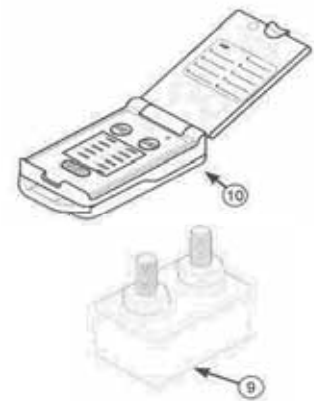
Command - 10 Wireless Remote

Item	Part #	Description	Price
	80300	COMMAND-10 Remote Kit	\$1,263.16
1	80219	COMMAND-10 Box ASM	\$989.47
2	80235	Bolt, Hex 1/4" x 1-3/4" Gr 5 plated	\$2.37
3	30212	Washer, Flat 1/4" Zinc Plated	\$2.37
4	30623	Washer, Lok 1/4" Zinc Plated	\$2.37
5	30625	Nut, 1/4", Zinc Plated	\$2.37
6	30650	Heat Shrink	\$2.37
7	60598	Eyelet Terminal Ring 4 Ga. 1/4" (For Solenoid)	\$2.37
8	70387	Terminal Boot	\$3.16
9	80285	Circuit Breaker, Automatic 12 V 50 amp	\$11.84
10	80207	COMMAND-10 Remote w/Lanyard	\$326.32



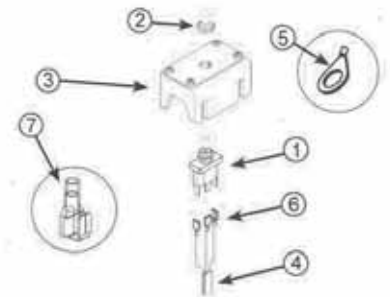
Command Station

Item	Part #	Description	Price
1	80239	Control Box, w/Solenoid & Hardware	\$978.95
2	80235	Bolt, Hex, 1/4" x 1-3/4", Gr 5. Zinc Plated	\$2.37
3	30212	Washer, Flat 1/4" Zinc Plated	\$2.37
4	30623	Washer, Lock 1/4" Zinc Plated	\$2.37
5	30625	Nut, 1/4" Hex, Zinc Plated	\$2.37
6	30650	Heat Shrink	\$2.37
7	60598	Eyelet Terminal Ring 4 Ga. 1/4" (for solenoid)	\$2.37
8	70387	Terminal Boot	\$3.16
9	80285	Circuit Breaker. Automatic 12V 50 AMP	\$11.84



Electric Motor Switch

Item	Part #	Description	Price
	70520	Sealed Toggle Switch Kit, 12 V (Includes switch sealed boot, mount bracket, 10 ft of 14 ga. wire & connections.)	\$147.37
1	70438	Toggle Switch only	\$33.68
2	70442	Sealed Toggle Boot	\$22.11
3	70500	Toggle Mount Bracket ASM	\$10.26
4	40653	Wire, 3 Conductor 14 Ga. (requires 10 ft from switch to cab)	\$0.32
5	40670	Eyelet Terminal Ring 14 Ga. 5/16"	\$2.37
6	40661	Terminal Female Push on 14 Ga.	\$3.68
7	70516	Terminal, Push on Piggy Back 14 Ga.	\$2.37





Tractor Mounted Tanks



Side Quest - 1200 Gallon

Fits: Case IH, Challenger, JD, New Holland



Quick Tach Inline Tanks - 200 or 300 Gallon

For Mechanical Front Drive

Fits: Case IH MX, JD, New Holland



Quick Tach Tanks - 600 Gallon

Fits: Case IH, JD, New Holland



Side Quest - 750 or 1000 Gallon

Fits: Case IH, Challenger, JD, New Holland

Sprayers



ATV Sprayers available with 40, 60 & 80 Gallon tanks.

Also Available with 12 Volt Pump, PTO Pump or Gas Engine Driven Pumps

Misc. Tractor and Planter Attachments





Fenders: 13 x 72 Tear Drop Style
 Tank: 1300 Gal. Cone Bottom Tank
 Jack: 2,000lb Top Wind
 Hitch: Adj. Height Clevis Style
 Step: Fill Step & Safety Railing
 Others: DOT Safety Chains
 Hose Storage Hooks
 Conspicuity Tape

Capacity: 16,000lbs G.V.W.R.
 Suspension: 6-Leaf x 2" Slipper Springs
 Axels: 3" x 3" x 2.50" Sq Tubing
 Spindles: 2" Dia 1144 Cold Rolled
 Hubs: 783 6-Bolt on 6", 4750lbs ea
 Wheels: 15" x 10" x 6 - 6"
 Tires: 12.5L x 15 10 Ply
 Frame: 7" Structural Channel

**Many other options available
 Please call today for pricing**

DUO LIFT manufactures a tandem axle nurse trailer for you !

These units are designed to accommodate poly, stainless steel, or fiberglass tanks. They are constructed with structural grade channel steel, or I-beam on the larger models. The suspension is made up of underslung slipper springs with an equalizer (not shackles) on all units.

You can design your DUO LIFT trailer to fit your specific needs. Here are just a few of the options: Platform, Fenders, Lights, Hitch types, Brakes, Tires, and many plumbing packages. You can have a trailer made with the option you want, not the factory.

Please call today for a quote on the trailer of your choice !

Duo Lift manufactures a heavy duty line of reach pole running gears with 5th wheel steering and excellent towing characteristics for anhydrous ammonia tanks. Models are available to fit 1000, 1450, 1850 and 2000 gallon NH₃ tanks, or two 1000 gallon tanks side by side.

These running gears can be ordered with fixed or adjustable tire tracks from 60" to 80". Clearance of 16, 20, or 24 inches is also available. For a superior ride and suspension, we offer rubber torsion axles, with many different wheel and tire options.

Let us know if you have special needs, we can custom build to meet your specific requirements.

All Duo Lift reach pole wagons carry a five-year limited warranty.

DUO LIFT↑

Manufacturing Company, Inc.



LB- 2200 & LB-2900 wagons carry two 1000 gallon or 1450 gallon NH₃ tanks. This wagon has a 25" tank ride height, *the lowest on the market* . Options include extension tongue with spring lift assist and more.



SLB-2200 & SLB-2900 wagons carry 1600 & 2600 gallon liquid tanks. This wagon features the same 25" tank ride height and offers options of extension tongue and spring lift assist and more. Larger models available.



M-2200 & M-3200 Twin Tank wagons are available for 1000 & 1450 gallon NH₃ tanks or a 1600 gallon liquid tank. Options include extension tongue and spring lift assist.



1000 gallon liquid tank on Hi-Rise gear.



NH₃ wagons with 1000, 1450, or 2000 gallon tanks. We can supply the running gear only or complete units with tanks, tires, hose safety kit and decals.



1000, 1200 and 1600 gallon liquid nurse trailers , complete with tank, tires , hose plumbing kit and pump.

3000 Gal NH₃ Tanks & Wagon

You asked for it and here it is. The 3000 gal NH₃ tank from Trinity.

Feature two 1-1/4" Liq. withdrawal valves, easy to read front mounted gauge, with all mounted off to the side for easier hook up and fill.



The "Blue Mule"

The Blue Mule Duo Street by DuoLift a 4 wheel steer unit for all your tow behind cart needs. The E-Z Lock system locks the rear axle in the fixed position for road use and back for field use. Available in 1600 up to 2600 gallon tanks options.

Call For Prices



Portable Cone Bottom Storage

two or three 3000 gal tanks
Hyd system to raise and lower
Made for quick and easy
location placement. Not made
to transport liquid - only for on
site storage. Must be hauled empty.

Call For Prices



LB1 Low Boy Wagon



Features

Capacity: 28,000 LBS GVWR

Tank Capacity: (2) 1,000 or 1,450 Gallon NH3 Tank.

Tank Mounting pads: Adjustable Tank Mounting Pads

Track Width: **Front** Track width 60" **Rear** Adjustable track width—92" - 120"

Spindles: **Front** - 2.50 " Diameter 1144 Shaft **Rear** - 3" Diameter 1144 Shaft

Call For Pricing



500 Gallon Off Road Trailer



750 Gallon Trailer

Duo Lift fuel haulers available with many sizes and options. From 500 gallon off road to 900 gallon highway rated trailers.

Call For Pricing

513 North Hwy. 29, Benson, Minnesota 56215

ORDER

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80-10 10

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