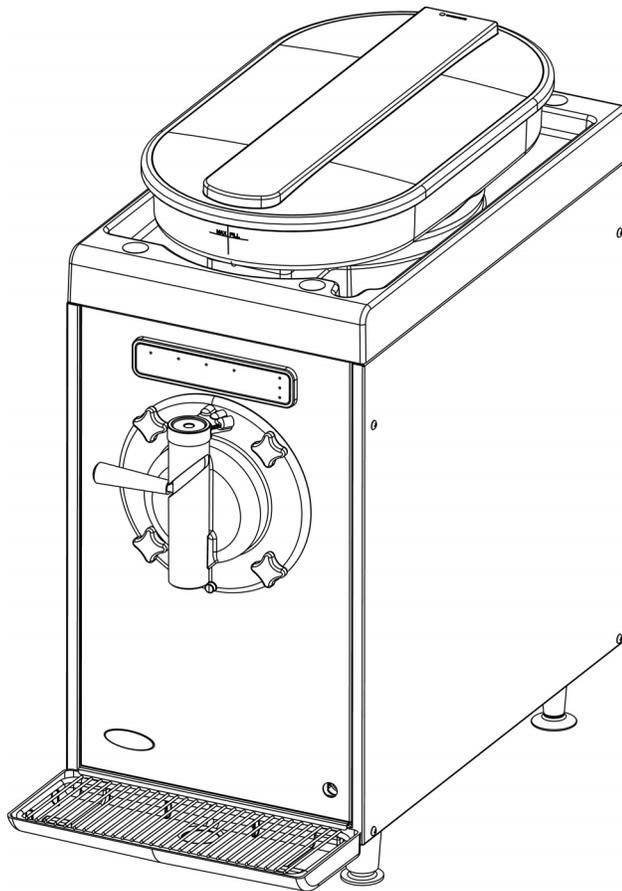


SIGNATURE

Illustrated Parts List



Release Date: August 1, 2012

Publication Number: 621058426IPL

Revision Date: March 17, 2014

Revision: B

Visit the Cornelius web site at www.cornelius.com for all your Literature needs.

The products, technical information, and instructions contained in this manual are subject to change without notice.

These instructions are not intended to cover all details or variations of the equipment, nor to provide for every possible contingency in the installation, operation or maintenance of this equipment. This manual assumes that the person(s) working on the equipment have been trained and are skilled in working with electrical, plumbing, pneumatic, and mechanical equipment. It is assumed that appropriate safety precautions are taken and that all local safety and construction requirements are being met, in addition to the information contained in this manual.

This Product is warranted only as provided in Cornelius' Commercial Warranty applicable to this Product and is subject to all of the restrictions and limitations contained in the Commercial Warranty.

Cornelius will not be responsible for any repair, replacement or other service required by or loss or damage resulting from any of the following occurrences, including but not limited to, (1) other than normal and proper use and normal service conditions with respect to the Product, (2) improper voltage, (3) inadequate wiring, (4) abuse, (5) accident, (6) alteration, (7) misuse, (8) neglect, (9) unauthorized repair or the failure to utilize suitably qualified and trained persons to perform service and/or repair of the Product, (10) improper cleaning, (11) failure to follow installation, operating, cleaning or maintenance instructions, (12) use of "non-authorized" parts (i.e., parts that are not 100% compatible with the Product) which use voids the entire warranty, (13) Product parts in contact with water or the product dispensed which are adversely impacted by changes in liquid scale or chemical composition.

Contact Information:

To inquire about current revisions of this and other documentation or for assistance with any Cornelius product contact:

www.cornelius-usa.com

800-238-3600

Trademarks and Copyrights:

This document contains proprietary information and it may not be reproduced in any way without permission from Cornelius.

This document contains the original instructions for the unit described.

CORNELIUS INC
101 Regency Drive
Glendale Heights, IL
Tel: + 1 800-238-3600

Printed in U.S.A.

TABLE OF CONTENTS

SKU'S 1

Cladding Assembly 2

Barrel Internal 3

Faceplate Assembly..... 4

Drive System 5

Electrical Box Assembly - 120/60 6

E-box Assembly - 120/60..... 7

E-Box Assembly 120/60 (Continued)..... 8

Electrical box - 230/50V 9

E-Box Assembly - 230/50V 10

E-Box Assembly - 230/50 (Continued) 11

Refrigeration System 12

Hopper Assembly 13

Drain Fitting Assembly 14

2 For 1 Assembly 15

Kit Compressor 120/60 Parts List 16

Accessories 17

230V IEC Power Cords 17



SKU'S

Item No.	Part No.	Description
1	621058436	Signature 120/60
2	621058437	Signature 230/50
3	621058438	Signature 120/60 with 2 for 1
4	621058439	Signature 230/60 with 2 for 1

CLADDING ASSEMBLY

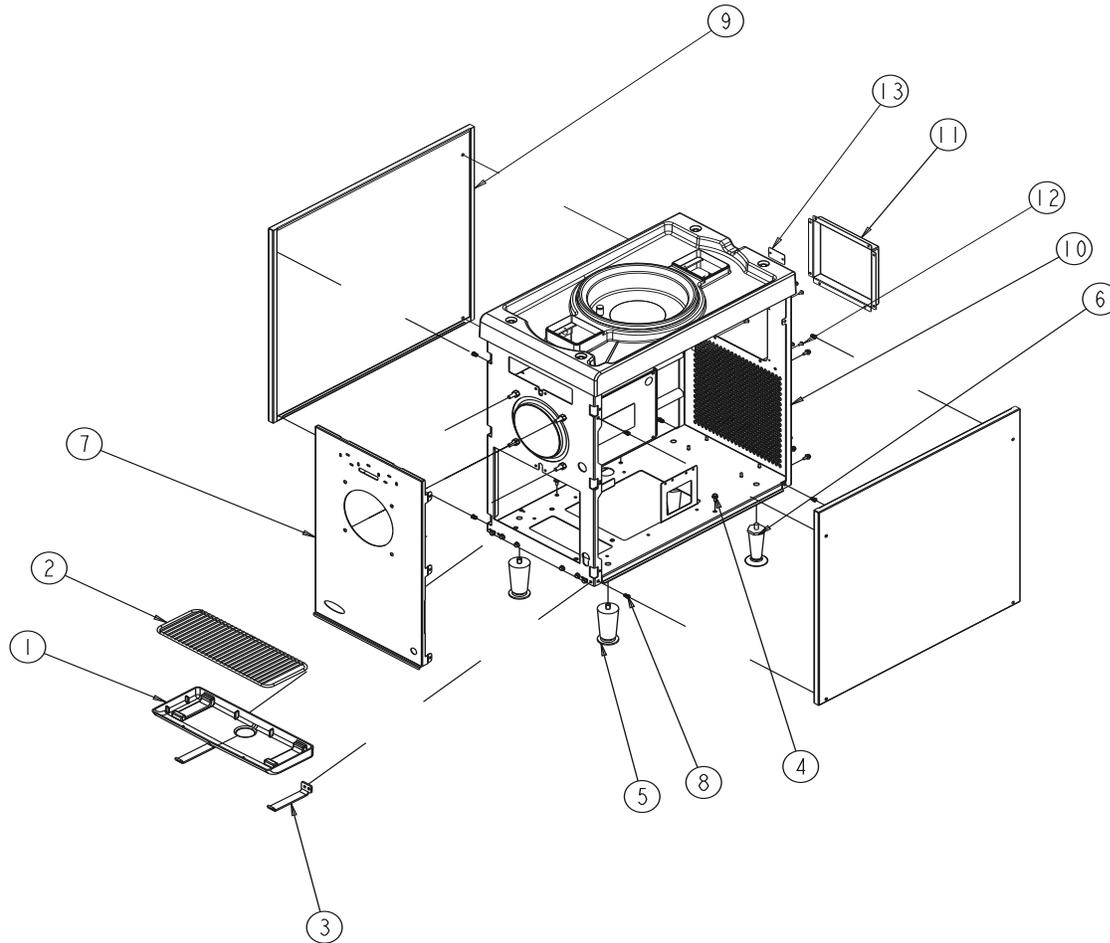


Figure 1.

Item No.	Part No.	Description
1	620048449	Drip Tray
2	620716516	Cup Rest
3	620046540	Drip Tray Bracket
4	620054083	Bolt (1/4-20 x 1") w/ Drilloc Patch
5	70970	Leg Front
6	620046748	Leg Rear w/ Suction Cup
7	629097181	Kit Front Cover
	629097182	Kit Front Cover 2 For 1
8	620709125	Nutsert (10-32)
9	629097183	Kit Side Panel
10	620049957	Rear Panel
11	629097180	Kit Motor Cover
12	319941000	Screw 08-32

Item No.	Part No.	Description
13	620054493	Power Entry Cover (120V Only)

BARREL INTERNAL

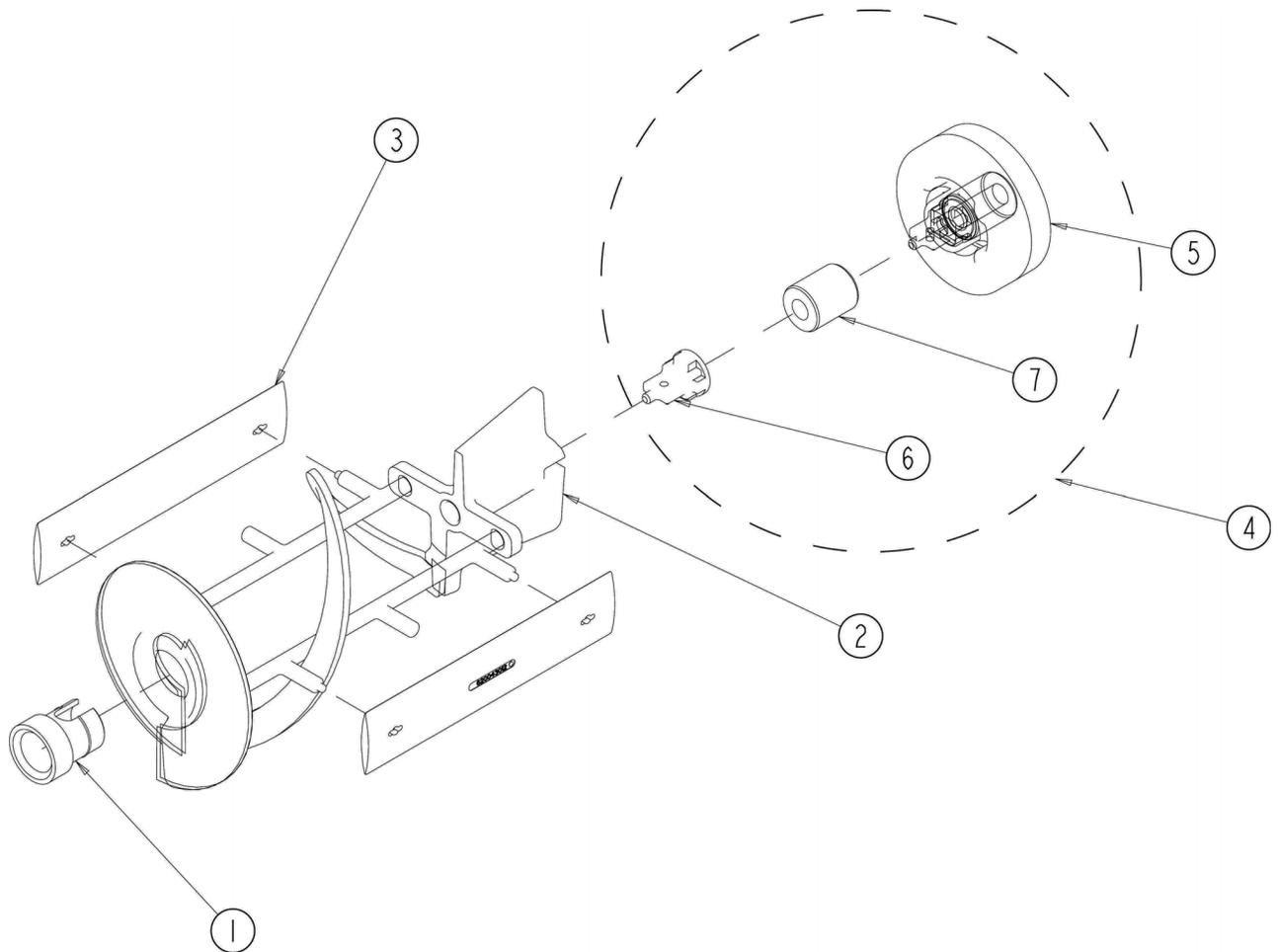


Figure 2.

Item No.	Part No.	Description
1	620045219	Auger Bearing
2	620047944	Auger
3	620043012	Scrape Blades
4	620049764	Rotor Magnet Assembly
5	620049762	Rotor Magnet Overmolded
6	620046135	Magnet Key
7	560004289	Magnet Bearing

FACEPLATE ASSEMBLY

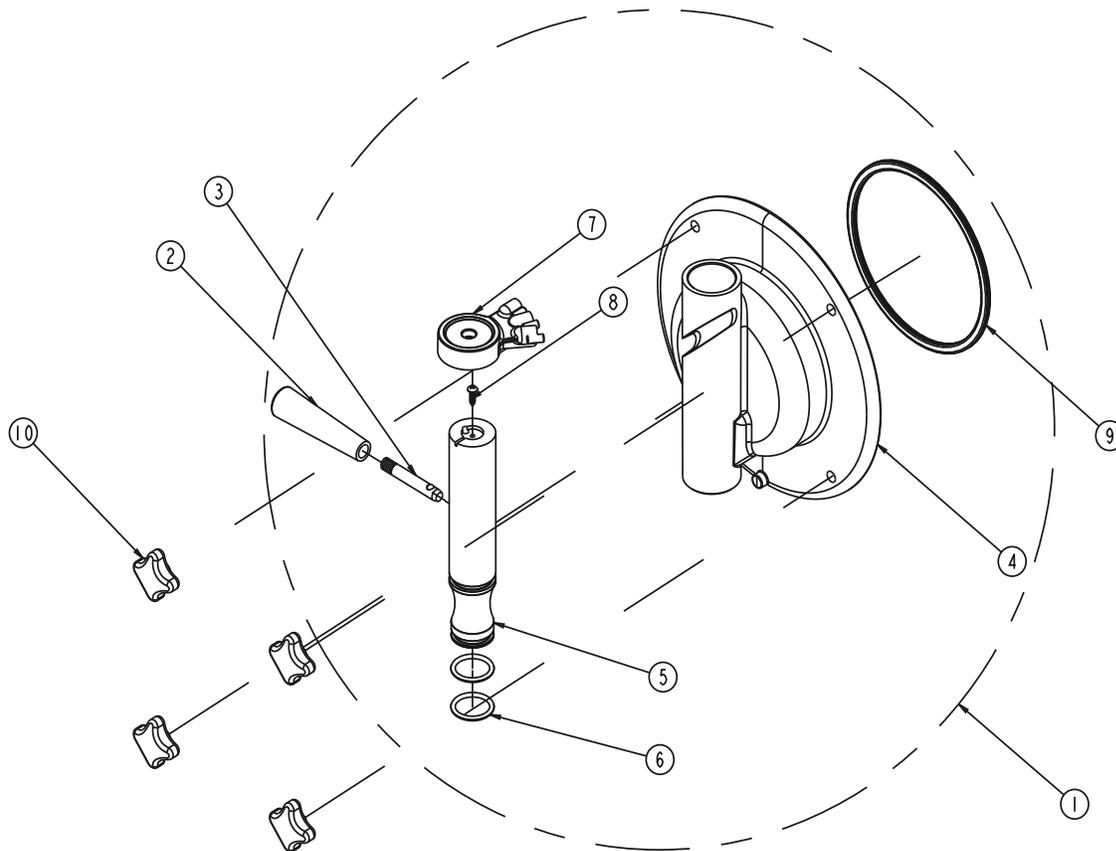


Figure 3.

Item No.	Part No.	Description
1*	620043379	Faceplate Assembly
2	620043383	Handle Knob
3	620045213	Handle Pin w/ Ball Spring Detent
4	620045393	Face Plate
5	620045394	Handle Spool
6	620054997	O-ring
7	620049929	Valve
8	620045218	Screw SM 08
9	620047115	Face Plate Gasket
10	620042994	Hand Nut

NOTE: * For Faceplate Assembly order Item 1.

DRIVE SYSTEM

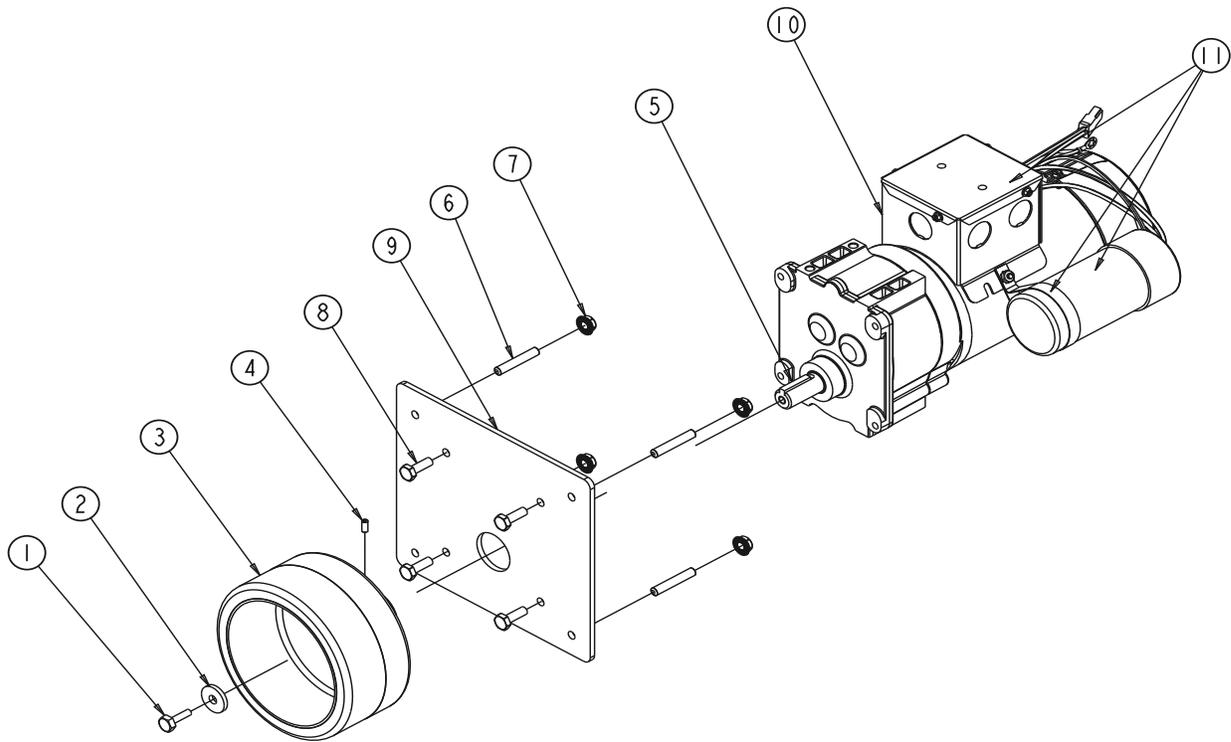


Figure 4.

Item No.	Part No.	Description
1	638007088-06	Bolt 1/4-20 x 1"
2	620054036	Washer
3	620047167	Drive Magnet
4	620054656	Set Screw 8-32 x 3/8"
5	620056474	Motor Shaft Key
6	620055212	Set Screw 1/4-20 x 1.5"

Item No.	Part No.	Description
7	620047639	Serrated nut
8	620054655	Bolt 1/4-28 x 1"
9	620054030	Motor Mounting Plate
10	620054641	Drive Motor 120/60 (Includes motor shaft key)
11	629097187	Kit Motor 120/60 Spare Parts
	629097188	Kit Motor 230/50 Spare Parts

ELECTRICAL BOX ASSEMBLY - 120/60

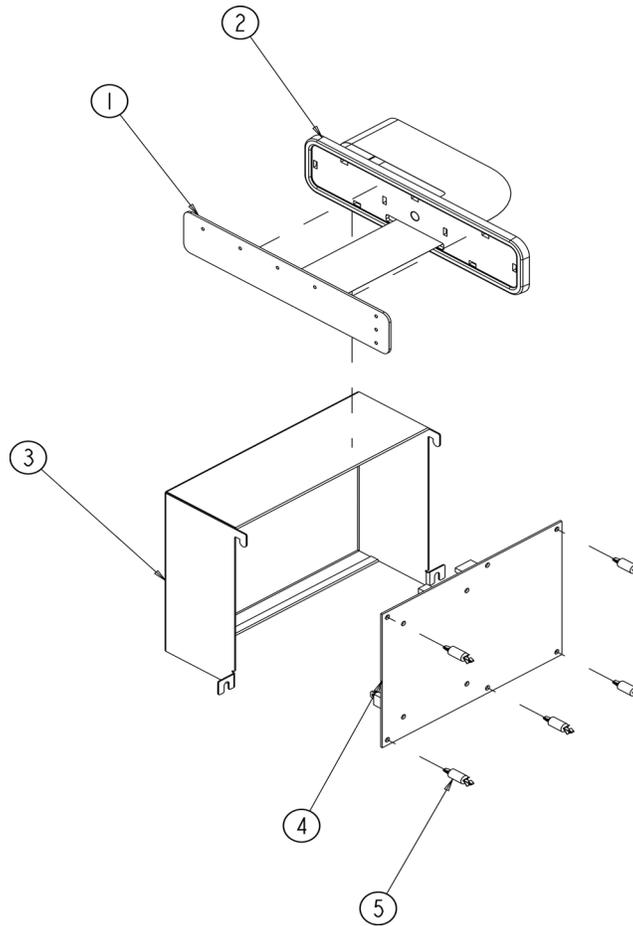


Figure 5.

Item No.	Part No.	Description
1	620050465	Keypad
2	620050466	Keypad Bezel
3	629097191	Kit PCB Cover
4	620047854	PCB

Item No.	Part No.	Description
5	720532022	PCB Standoff
6	620049537	Harness Product Level Sense
7	620049539	Harness 3 x LV Thermistor

NOTE: Item No. 6 and 7 not shown in assembly.

E-BOX ASSEMBLY - 120/60

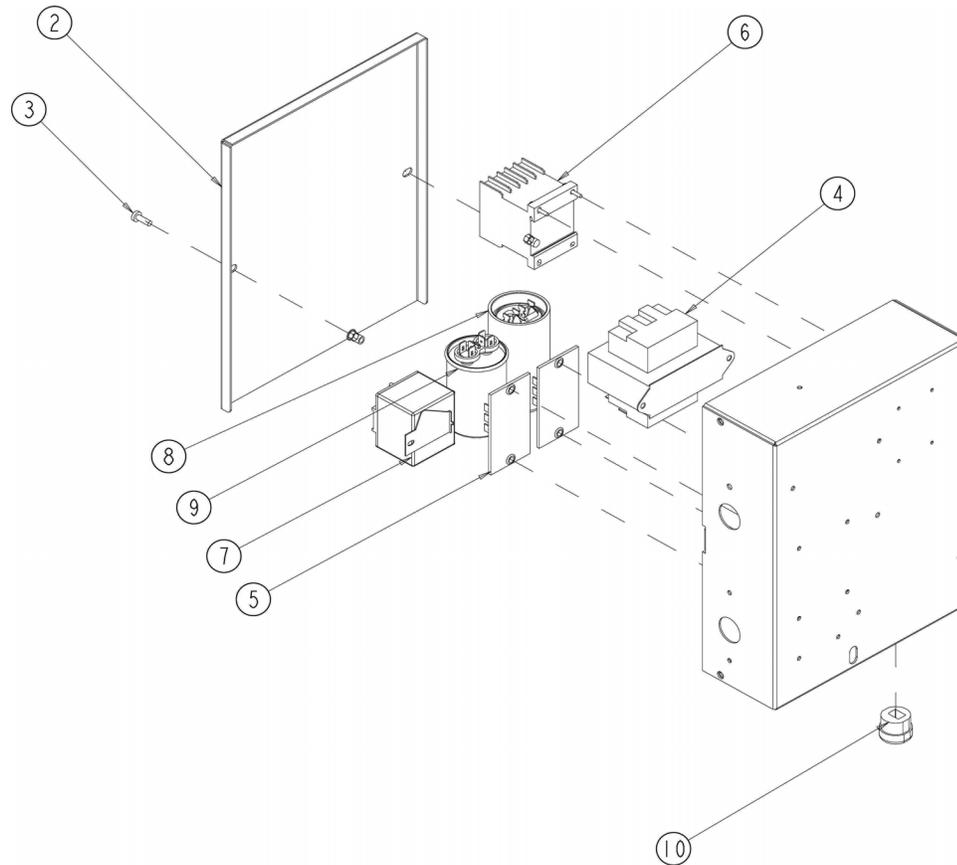


Figure 6.

Item No.	Part No.	Description
1*	620049076	E-box Asm. 120/60
2	629097186	Kit E-Box Cover 120/60
3	70178	Screw 08-32
4	629097172	Transformer with Auto-Rest Label
5	31107	Terminal Board
6	620049549	Contactor
7	319861000	Relay 120/60
8	319859000	Capacitor Start 120/60
9	319858000	Capacitor Run 120/60
10	313621000	120V Power cord Strain Relief.

NOTE: * For E-box Assembly 120/60 order Item 1.
Refer to sheet 8 for Jumper & Harness details.

E-Box ASSEMBLY 120/60 (CONTINUED)

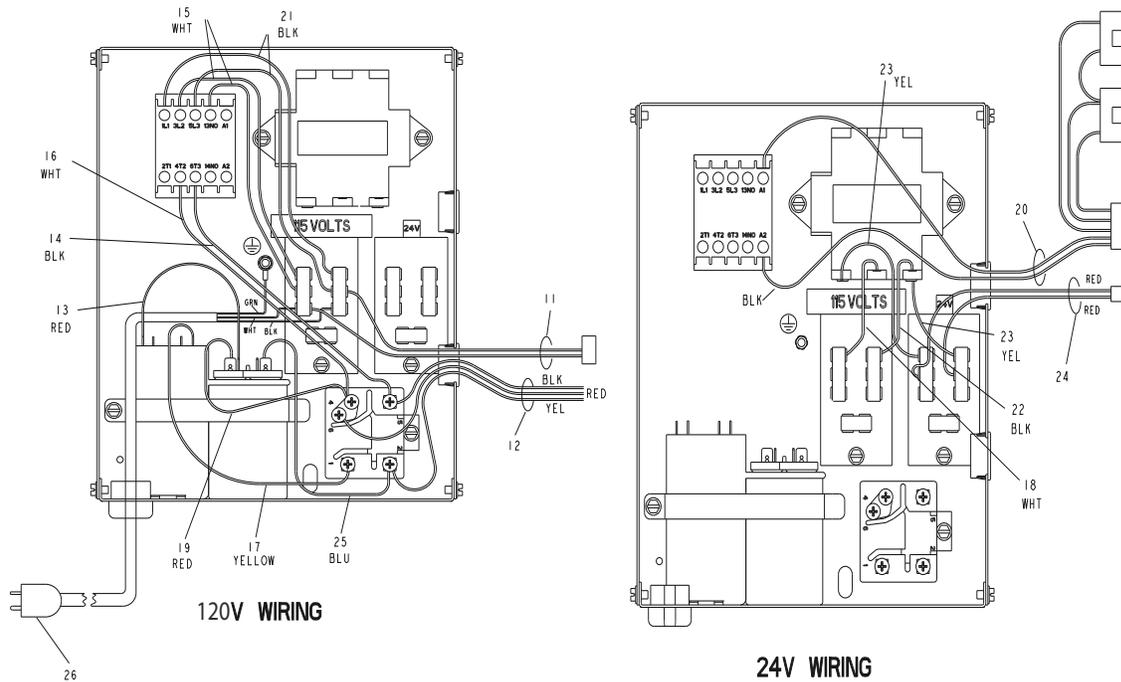


Figure 6A.

Item No.	Part No.	Description
11	620046397	Harness HV Input to Motor Board
12	620046806	Harness Compressor Power
13	620047051	Jumper Red 4.5"
14	620047053	Jumper Black 7"
15	620047054	Jumper White 8"
16	620047055	Jumper White 6"
17	620047057	Jumper Yellow 8"
18	620047069	Jumper White 5.25"
19	620047326	Jumper Red 4.5"
20	620049538	Harness 2 x 24 VAC Loads
21	620049838	Jumper Black 9"
22	620049870	Jumper Black 5"
23	620051131	Jumper Yellow 8"
24	620323664	Harness E-box to Motor
25	650047056	Jumper Blue 6"
26	560001567	120V Power Cord

ELECTRICAL BOX - 230/50V

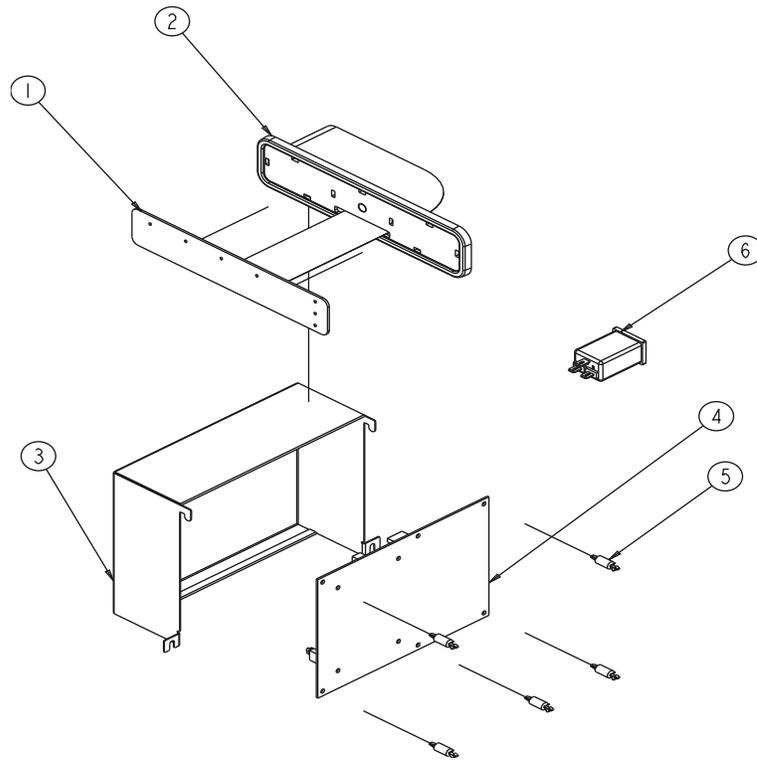


Figure 7.

Item No.	Part No.	Description
1	620050465	Keypad
2	620050466	Keypad Bezel
3	629097191	Kit PCB Cover
4	620047854	PCB
5	720532022	PCB Standoff
6	620049958	Power Entry Module
7	620049537	Harness Product Level Sense
8	620049539	Harness 3 x LV Thermistor

NOTE: Item No. 7 and 8 not shown in assembly.

E-Box ASSEMBLY - 230/50V

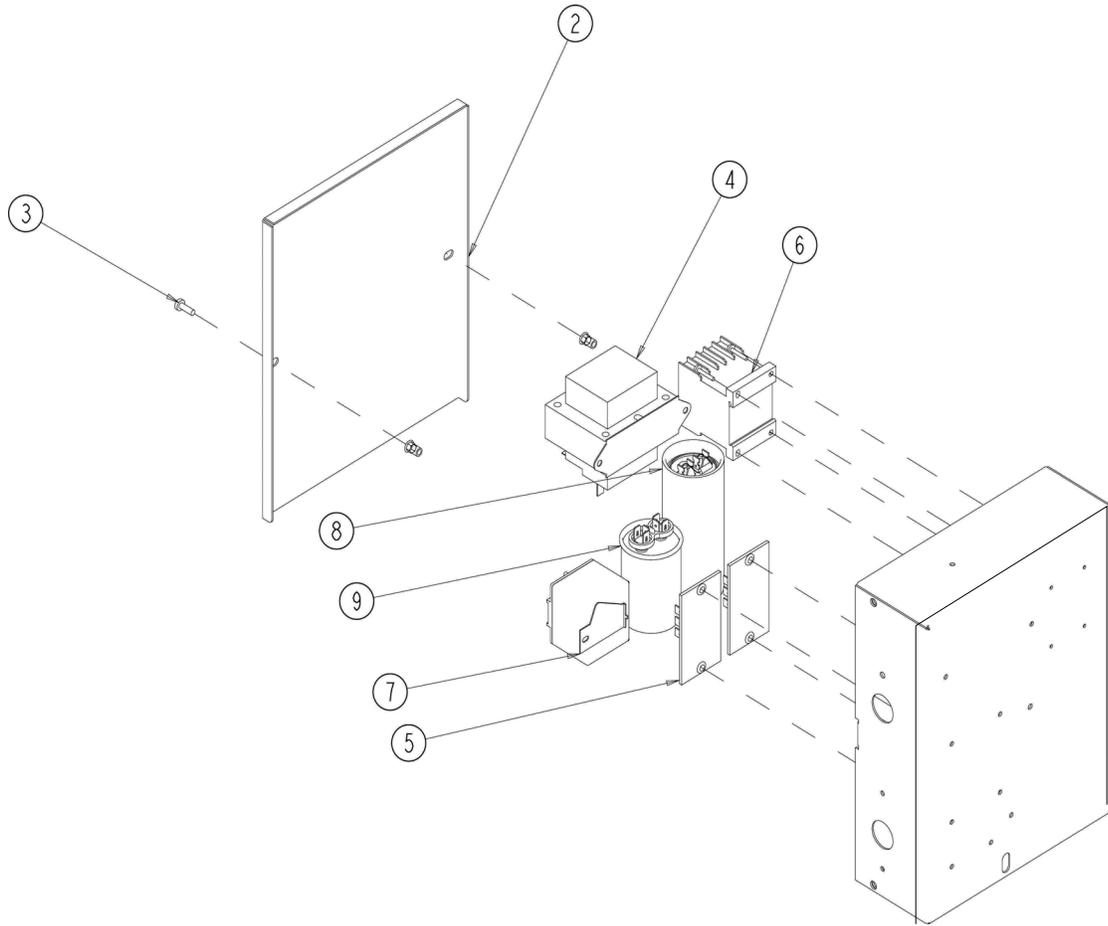


Figure 8.

Item No.	Part No.	Description
1*	620049077	E-box Asm. 230/50
2	629097185	Kit E-box Cover 230/50
3	70178	Screw 08-32
4	629097173	Transformer with Auto-Reset Label
5	31107	Terminal Board
6	620049549	Contactor
7	197461000	Relay 230/50
8	319860000	Capacitor Start 230/50
9	319338000	Capacitor Run 230/50

NOTE: * For E-box Assembly 230/50V order item No. 1.

Refer to Sheet 11 for Jumper and Harness details.

E-Box ASSEMBLY - 230/50 (CONTINUED)

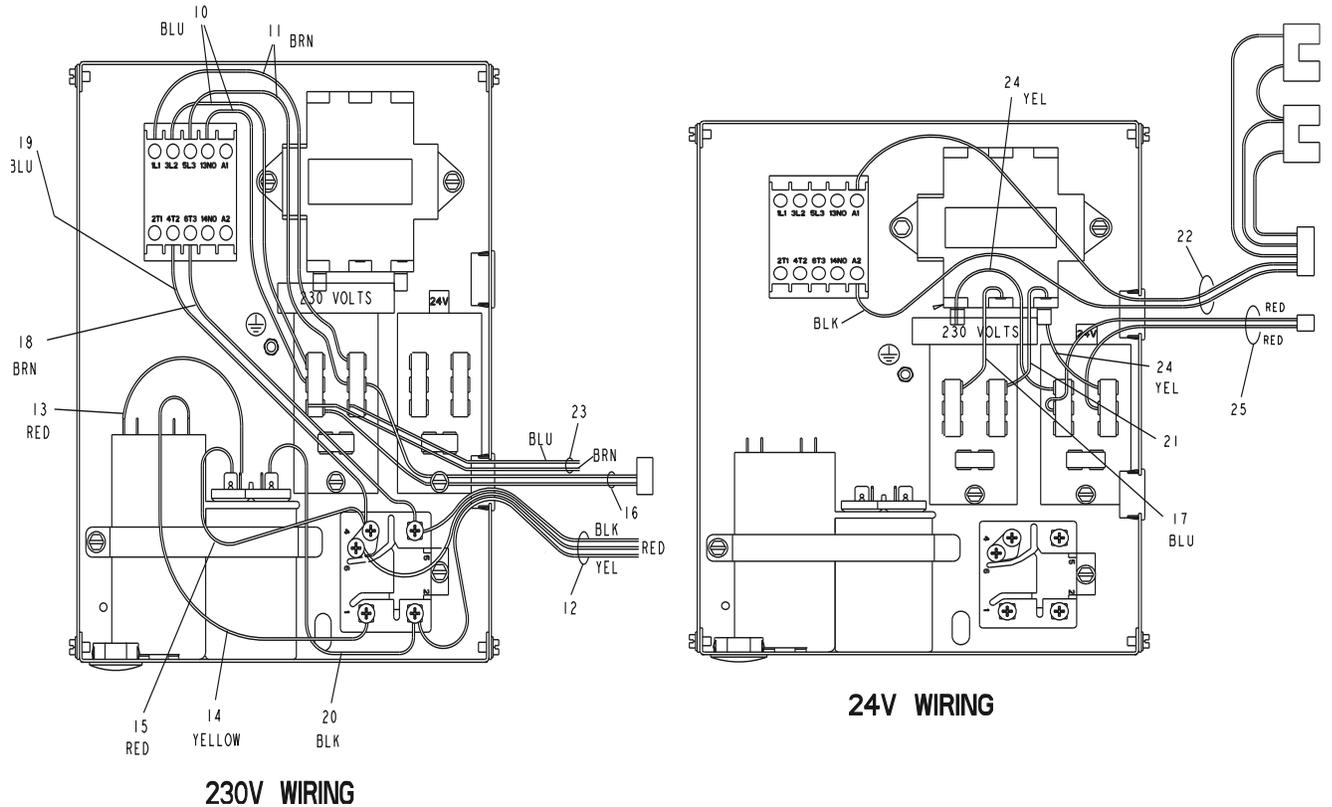


Figure 8A.

Item No.	Part No.	Description
10	620047526	Jumper Blue 8"
11	620047529	Jumper Brown 9"
12	620046806	Harness Compressor Power
13	620047051	Jumper Red 4.5"
14	620047057	Jumper Yellow 8"
15	620047326	Jumper Red 4.5"
16	620047495	Harness HV Input to Motor Board
17	620047524	Jumper Blue 5"
18	620047525	Jumper Brown 7"
19	620047527	Jumper Blue 6"
20	620047528	Jumper Black 6"
21	620047530	Jumper Brown 5"
22	620049538	Harness 2 x 24VAC Loads
23	620049949	Harness E-box to Power Entry Module
24	620051131	Jumper Yellow 8"
25	620323664	Harness E-Box to Motor

REFRIGERATION SYSTEM

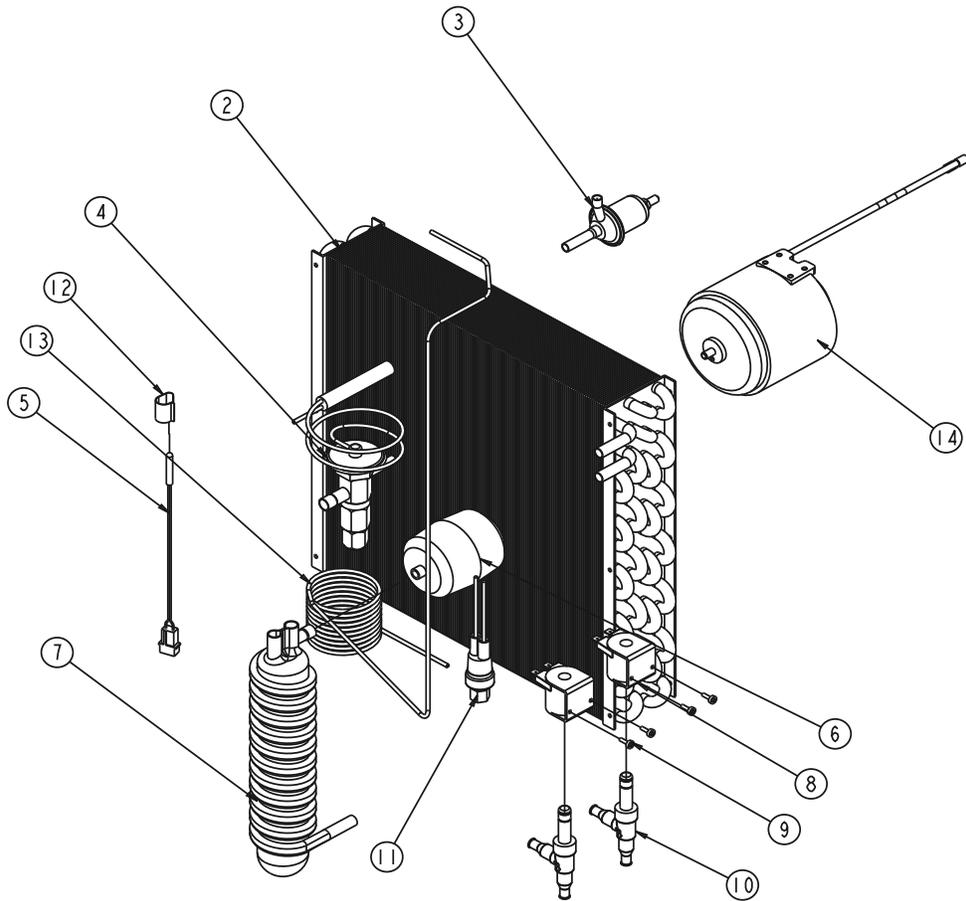


Figure 9.

Item No.	Part No.	Description
1*	629097177	Kit Compressor 120/60 560000251
	629097178	Kit Compressor 230/50 560000253
2	620049984	Condenser
3	620043394	EPR Valve
4	620048017	TXV Valve
5	560004421	Thermistor
6	21850	Dryer
7	620043391	Accumulator Assembly
8	620313726	Solenoid Valve
9	720701405	Screw 06-18
10	620049544	Refrigeration Valve Body
11	620047391	Pressure Sensor
12	309338012	Thermistor Clip

Item No.	Part No.	Description
13	620043398	Cap Tube 120/60
	620051035	Cap Tube 230/50
14	620050193	Condenser Fan Motor 120/50
	620049948	Condenser Fan Motor 230/50
15*	620056476	Compressor Overload Switch

NOTE: * Item no 1 and 15 not shown in assembly.
Refer to page no 16 for list of Kit Items.

HOPPER ASSEMBLY

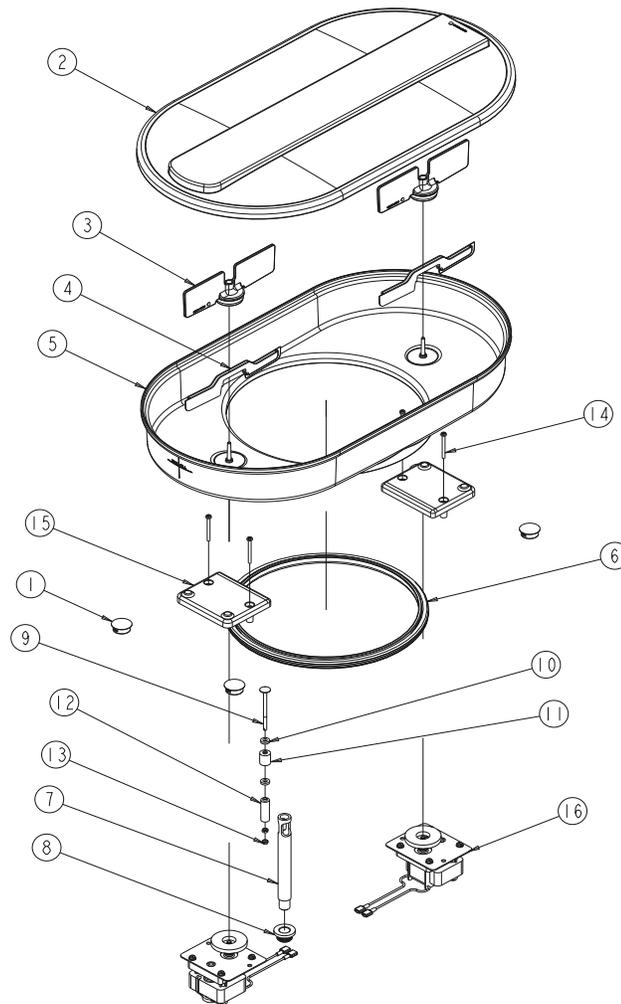


Figure 10.

Item No.	Part No.	Description
1*	620055131	Plug
2	620049940	Lid
3	620043194	Hopper Paddles
4	620050276	Hopper Paddle Scrapers
5	620049756	Hopper
6	620049757	Hopper Gasket
7	620049969	Air Tube
8	620047121	Air Tube Gasket
9	620049589	Conductivity Probe
10	620049585	Conductivity Probe Gasket

Item No.	Part No.	Description
11	620049588	Upper Conductivity Spacer
12	620049587	Lower Conductivity Spacer
13	70015	Nut
14	620706632	Screw 08-15
15	620049759	Hopper Motor Cover
16	620043368	Hopper Motor Assembly 120/60
	620043399	Hopper Motor Assembly 230/50

NOTE: *Item 1 to be assembled on 620049752, Deck round bowl.

DRAIN FITTING ASSEMBLY

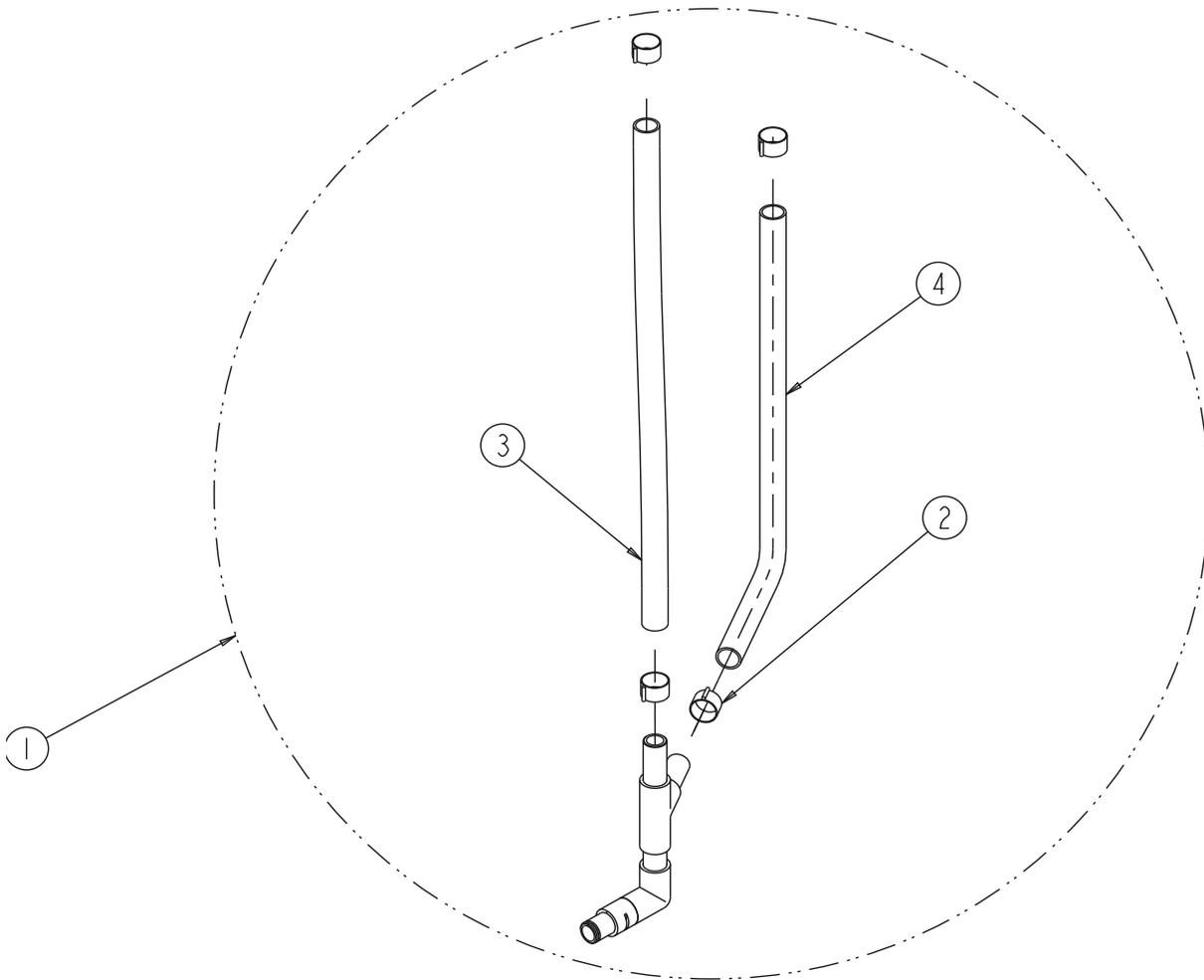


Figure 11.

Item No.	Part No.	Description
1*	620046745	Drain Fitting Assy.
2	70545	Hose Clamp
3	50173R	Drain Tubing bulk Item, Cut length 17"
4	50173R	Drain Tubing bulk Item, Cut length 15"

NOTE: * For Drain Fitting Assembly order Item 1.

2 FOR 1 ASSEMBLY

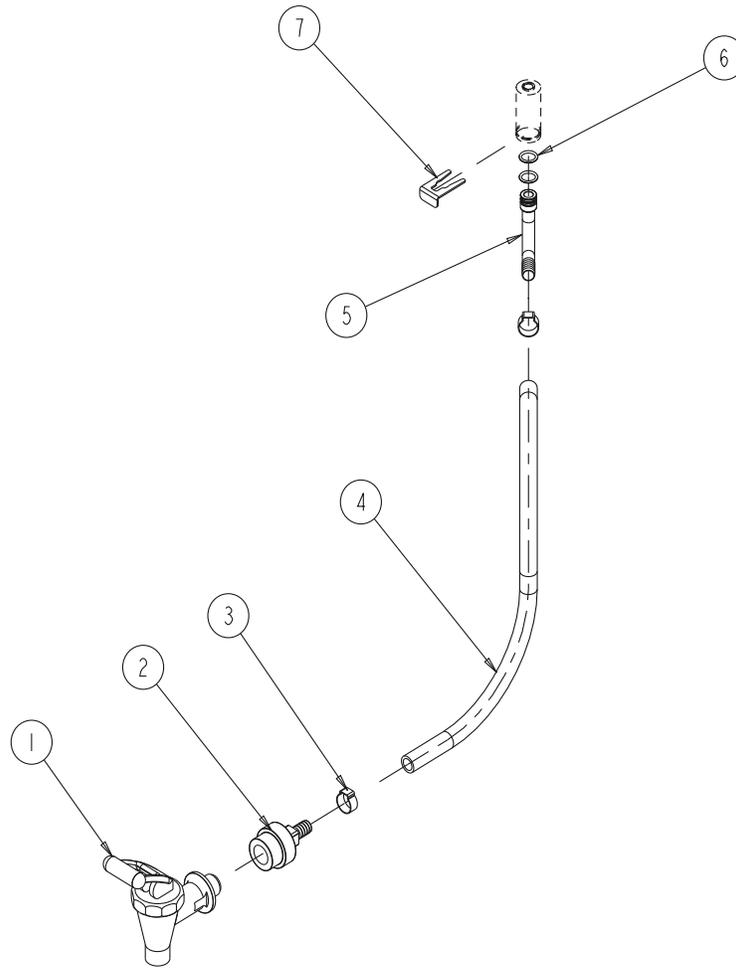


Figure 12.

Item No.	Part No.	Description
1	620045397	2 for 1 Valve
2	620046171	2 for 1 Nipple
3	111353000	Oetiker
4	620055094	2 for 1 Tubing

Item No.	Part No.	Description
5	620709065	Dole Fitting
6	620055006	Dole Fitting O-Ring
7	620049869	Retaining Clip
8	50173R	Drain Tubing Bulk Item

KIT COMPRESSOR 120/60 PARTS LIST

Item No.	Part No.	Description
1	000169685	Bag Poly 6" X 8.5" 2 Mil Thk
2	1685	S-base Comp Kit
3	1686	S-Slve Comp Kit
4	186147000	Washer Ft 375 875 064 STZI
5	319861000	Relay 120/60
6	198576001	S-wrap Comp Kit 4fcb
7	25200	Grommet .44id Cmp MNT FS
8	25356	Sleeve CMP MNT.44od X.88lg FS
9	21850	Dryer 2.25"Dia 4.125 LG
10	319858000	Capacitor Run 120/60
11	319859000	Capacitor Start 120/60
12	560000253	Comp 3/4hp 230/50 TCMSEH 404a
13	70505	Bolt Ma 5/16-18 HX 40 Ss
14	07061003	Screw #10 X 3/8" Type F HHWF G
15	169225007	Insulation Tub 3/8id X 3/8wl
16	50126	Insulation Prestite 1/8x2-1/2

KIT COMPRESSOR 230/50 PARTS LIST

Item No.	Part No.	Description
1	000169685	Bag Poly 6" X 8.5" 2 Mil Thk
2	1685	S-base Comp Kit
3	1686	S-slve Comp Kit
4	186147000	Washer Ft 375 875 064 STZI
5	198576001	S-wrap Comp Kit 4FCB
6	197461000	Relay Start Comp Kit 4FCB
7	25200	Grommet .44id CMP MNT FS
8	25356	Sleeve CMP MNT .44OD X.88LG FS
9	21850	Dryer 2.25"Dia 4.125 LG
10	319338000	Capac Run 15 MFD 330v 60Hz
11	319860000	Capac SRT 230v
12	560000253	Comp 3/4hp 230/50 Tcmseh 404a
13	70505	Bolt Ma 5/16-18 Hx 40 Ss
14	07061003	Screw #10 X 3/8" Type F HHWF G
15	169225007	Insulation Tubg 3/8id X 3/8wl
16	50126	Insulation Prestite 1/8x2-1/2

ACCESSORIES

Item No.	Part No.	Description
1	B2052	Cleaning Brush Small
2	325216000	Cleaning Brush Medium
3	620702201	Cleaning Brush Large
4	620047132	Magnet Puller Handle
5	620049953	Magnet Puller Lever
6	620049952	Magnet Puller Rod
7	321471000	Dow O-ring Lubricant
8	620046761	Air Filter

230V IEC POWER CORDS

Item No.	Part No.	Description
1	620049959-001	Power cord 230V(USA)
2	620049959-003	Power Cord Nema CEE 7/7 End (GERMANY)
3	620049959-004	Power Cord GB2099 End (CHINA)
4	620049959-005	Power Cord AS 3112 End (AUSTRALIA)
5	620049959-006	Power Cord BS 546 End (INDIA)
6	620049959-007	Power Cord NBR14136 End (BRAZIL)
7	620049959-008	Power Cord BS 1363A End (U.K.)
8	620049959-009	Power Cord CEI 23-16 End (ITALY)
9	620049959-010	Power Cord Nema 6-15P End (USA)



Cornelius Inc.
www.cornelius.com