



COLDFUSION®

ILLUSTRATED PARTS LIST



Publication Number: 621057625IPL

Revision Date: March 4, 2014

Revision: F

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.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.

Printed in U.S.A.

TABLE OF CONTENTS

Cladding Components and Overall Assembly1

Carbonator Tank Assembly Detail3

Electrical Box Assembly Detail4

Ice Dispensing Assembly Detail5

Beverage Dispensing Assembly Detail6

Keypad Assembly Detail8

Carbonator Tank Assembly Detail9

Pump and Motor Assembly Detail10

CLADDING COMPONENTS AND OVERALL ASSEMBLY

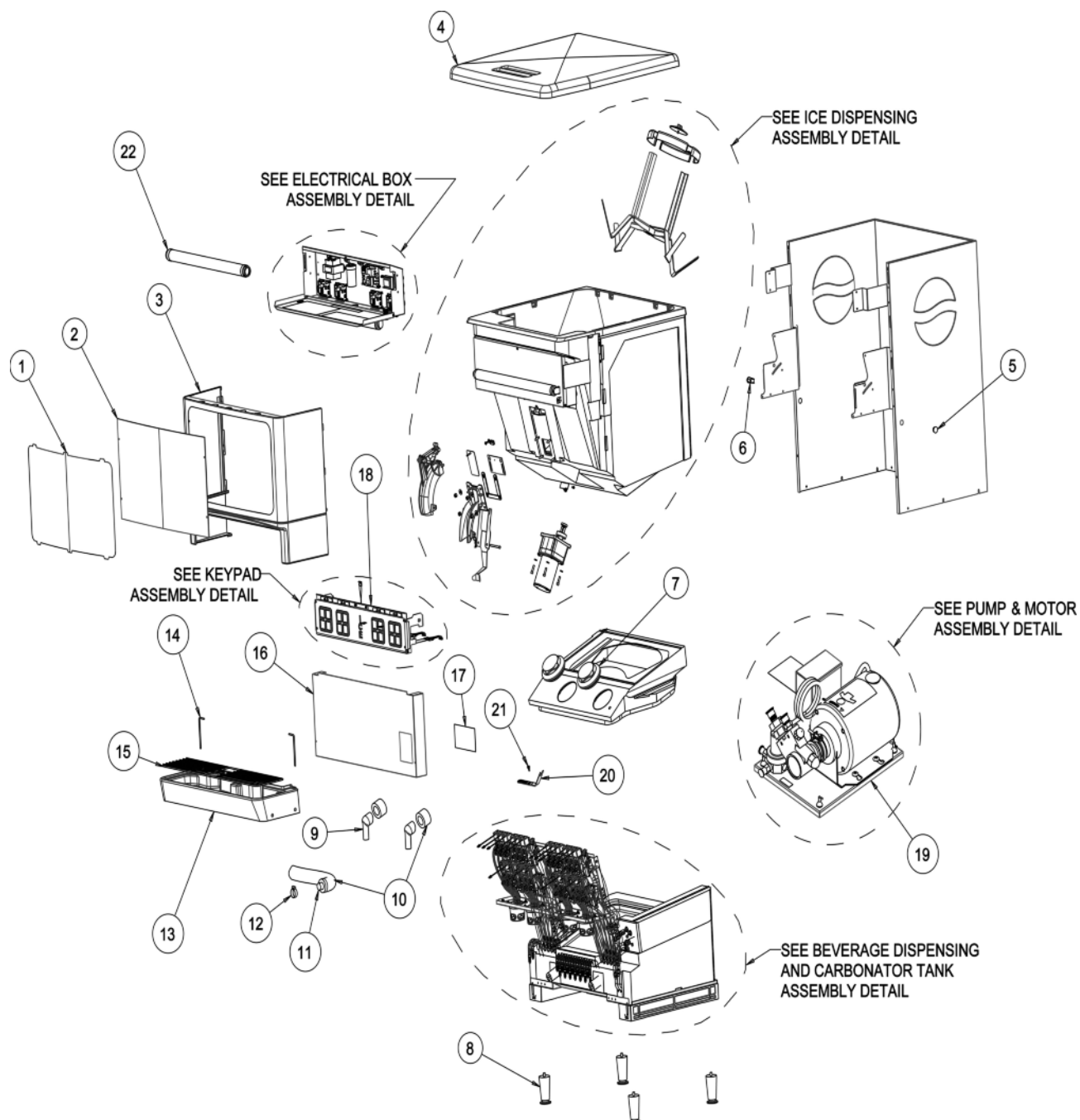


Figure 1.



Item No.	Part No.	Name
1	620921072	Graphics TB
	620921070	Graphics KFC
2	620518235	Merchandiser Lens
3	620521734	Merchandiser Assem (Includes Lens)
4	620520648	Lid
5	51908	Plug
6	33300	Keyswitch
	167439000	Replacement Keys
7	620516645	Cold Plate Access Cover
8	53011	Rubber Elbow Fitting for Cold Plate Drain
9	50335	Armaflex Insulation 1-3/8" Wall: Supplied in 6' lengths
10	620720761	Drain Tube, Non-kink: Supplied in 6' lengths
11	70750	Hose Clamp
12	620046247	Drip Tray Assembly
13	10145	Drip Tray Mounting Pins

Item No.	Part No.	Name
14	620708534	Cup rest
15		Splash Panel: Order must include item 16
	620053948	Standard Splash Panel Taco Bell
	620053949	Panel Splash Cold Fusion Z Style TB
	620053958	Standard Splash Panel KFC
	620053960	Panel Splash Cold Fusion Z Style KFC
	620051466	ADA Z Style Splash Panel Taco Bell
	620051467	Panel Splash ADA TB
	620051853	Panel Spalsh Asy Z CF255 KFC Etch
	620051855	ADA Z Splash Panel KFC
16	620410539	Plumbing Label
17	620053767	Keypad Panel Assembly
18	620408124	Pump and Motor Assembly
19	620716708	Valve Removal Tool
20	70188	Thumbscrew
21	620517619	Light Bulb Sleeve
22	620921358	Pepsi Brand Decal Set
23	620043354	Cold Plate Cover Assembly (Not Shown)

CARBONATOR TANK ASSEMBLY DETAIL

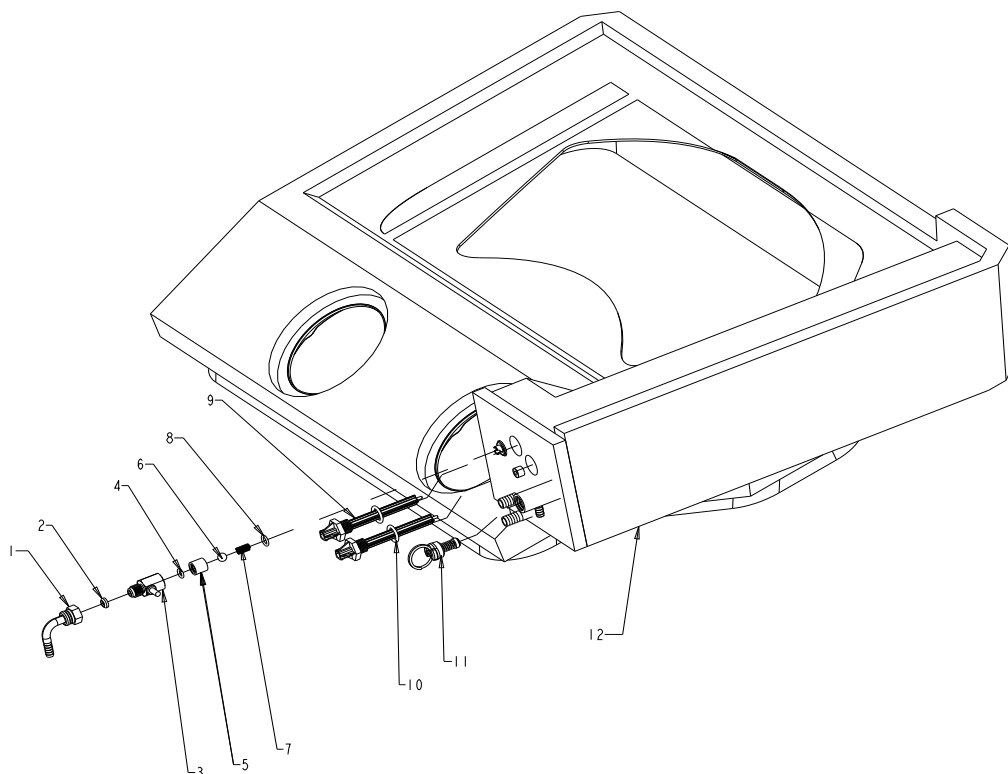


Figure 2.

Item No.	Part No.	Name
1	77040100	L-Swivel Fitting 7/16"-20 (1/4" FFL) FL X 1/4" Barb, SS
2	178025100	Male Gasket Flare Fitting
3	64677001	Check Valve Fitting
4	398033002	O-Ring.239" ID.070" CS 70 DU BU-N
5	64686	Check Valve Sleeve SS
6	64560	Check Valve Ball,.3125" SS
7	64678	Spring

Item No.	Part No.	Name
8	31525012	O-Ring.301" ID.070" CS 60 DU BU-N
9	620607108	Liquid Level Control Probe: Must be purchased together w/ Item 10 (O-Ring)
10	31525007	O-Ring.488" ID 103 CS 60 DU BU-N
11	318362000	Valve Relief Yel Carbonator
12	620043354	Cold Plate Cover Assembly

ELECTRICAL BOX ASSEMBLY DETAIL

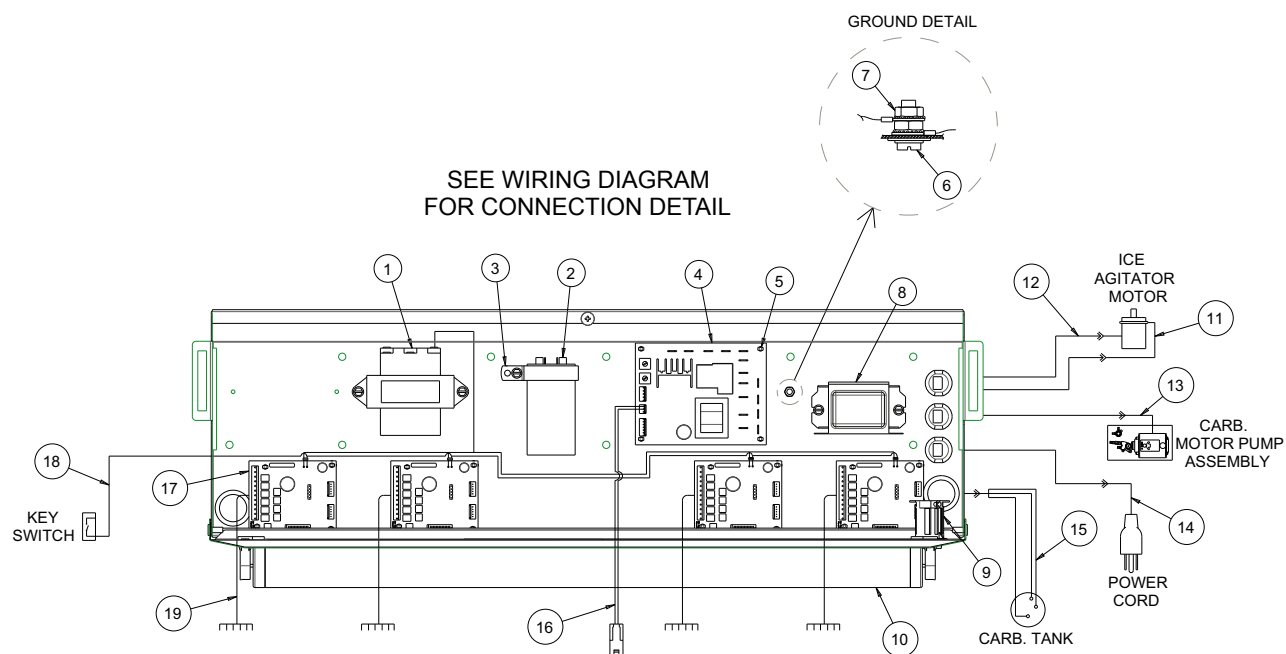


Figure 3.

Item No.	Part No.	Name
1	449999999	Transformer
2	560002379	Capacitor
3	620717212	Capacitor Mount
4	620314825	Main Electrical Board
5	325925000	Electrical Board Support
6	70120	Machine Screw, #10-32, Ground
7	70015	HEX Nut, 10-32 KEPS
8	31621	Ballast
9	31620	Starter
10	31928	Fluorescent Bulb
11	30794	Agitator Motor Heater

Item No.	Part No.	Name
12	620316445	Agitator Motor Harness
13	620316456	Water Pump and Motor Harness
14	30995	Power Cord
15	620316455	Liquid Level Control Probe Harness
16	620316457	Ice Chute Position Sensor Harness
17	620314824	Electrical Interface Board
18	620323711	Flavor Board Power Harness
19	620316444	Solenoid Valve Harness
20	620410540	Wiring Diagram Label (not shown)

ICE DISPENSING ASSEMBLY DETAIL

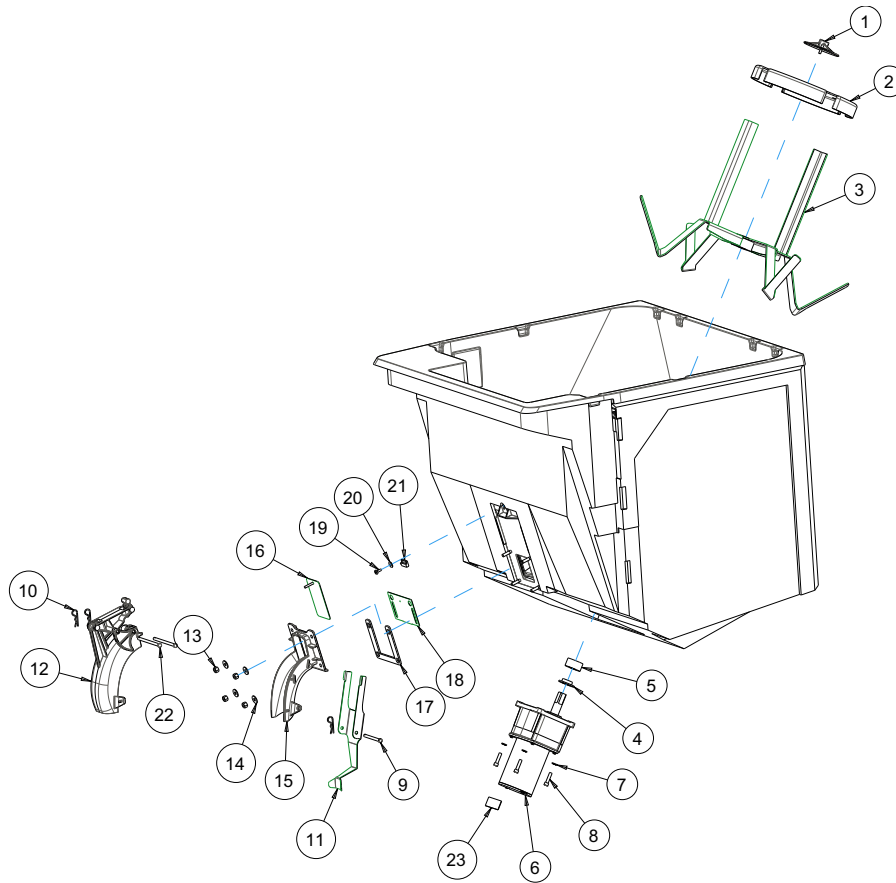


Figure 4.

Item No.	Part No.	Name
1	15087	Agitator Retainer
2	620042770	Agitator Cap
3	620042766	Agitator
4	620711105	Gear Box Shaft Seal
5	52876	Gear Box Shaft Gasket
6	620314923 620314913	Service Motor (Without Gear Box) Motor and Gear Box Assem.
7	186294000	Lock Washer,.262" ID x.489" OD x.062" Thick SS
8	620720590	Self Locking Socket Head Cap Screw, 1/4-20 x 1", SS
9	620051502	Clevis Pin,.250" Dia X 2.75" Long, SS
10	620709432	Hairpin Cotter, SS
11	620709311	Ice Chute Lever

Item No.	Part No.	Name
12	620518536	Upper Ice Chute Assembly
13	620709132	Hex Nut, 1/4-20 Nylock, SS
14	70066	Flat Washer,.265" ID X.750" OD X.055" Thick, SS
15	620518535	Lower Ice Chute
16	620048706	Ice Gate
17	620710129	Ice Chute Gasket
18	620518908	Ice Gate Restrictor Plate
19	0704105	Machine Screw 08-32 x 1/2", Truss Head Phillips, SS
20	V25248	Flat Washer, #10 SS
21	620314527	Ice Chute Position Sensor
22	620709445	Clevis Pin
23	90432	Heater Caution Label

BEVERAGE DISPENSING ASSEMBLY DETAIL

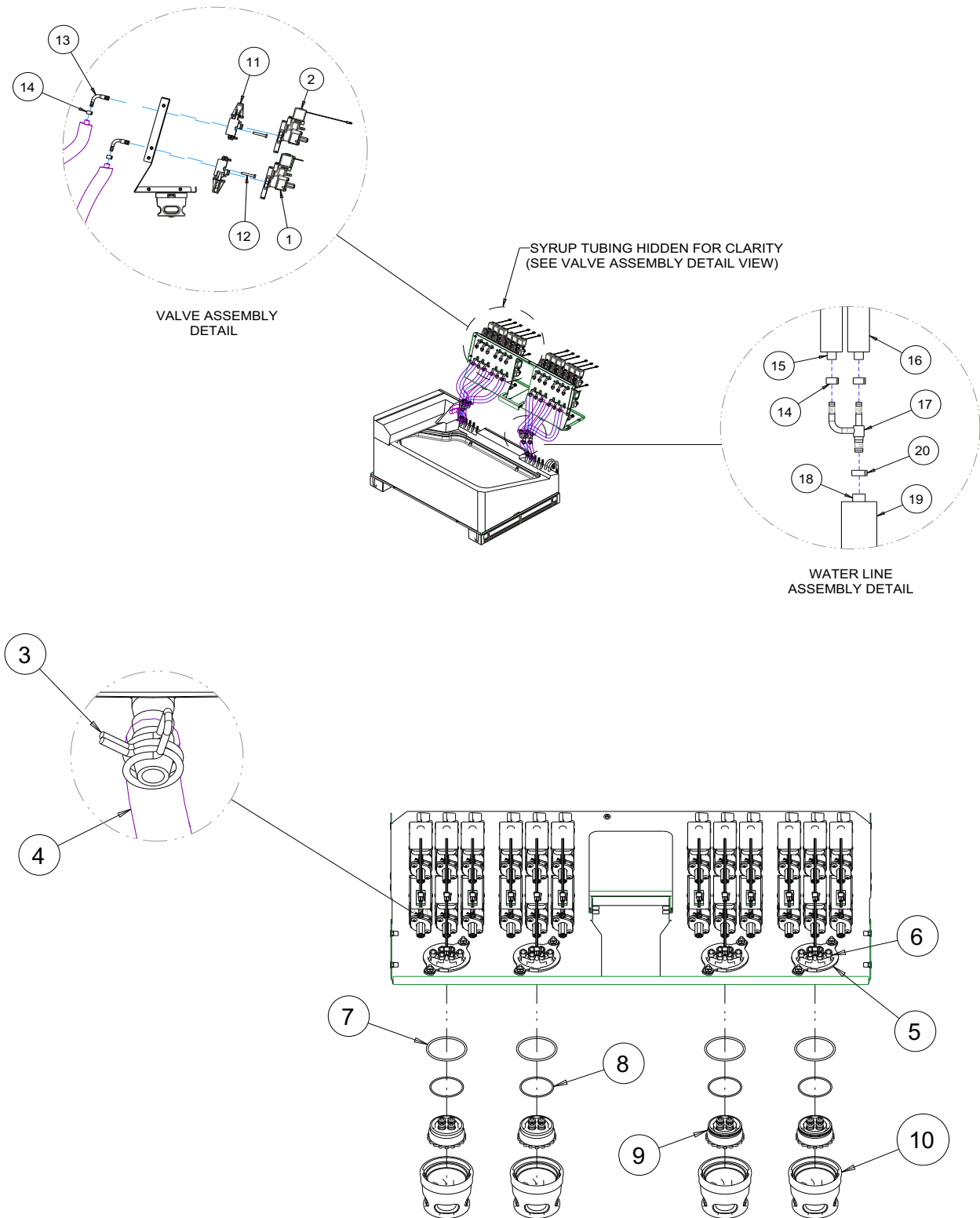


Figure 5.

Item No.	Part No.	Name
1	620607737	Water Valve: DO NOT SWITCH WITH ITEM 2
2	620607738	Syrup Valve: DO NOT SWITCH WITH ITEM 1
3	LBJ0602141	Torsion Spring Clamp 19/64"
4	620708932	Tygon Tubing 5/16 OD X 3/16 ID: Supplied in 6' Lengths.
5	620042932	Diffuser: Requires item 7.
6	311527000	Oetiker Clamp #8.7
7	620716317	O-Ring 2.050" 103 CS 65-70 Duro
8	620716316	O-Ring 1.864" 070CS 65-70 Duro
9	620518712	Diffuser Assem: Comes with Item 8
10	620516520	Brand Outer Nozzle
11	620518139	Valve Back Block
12	620700601	10-16 SS Phillips Hd Thread Forming Sheetmetal Screw, 1.25" Long
13	620709068	SS Elbow Fitting 1/4 Barb x 1/4 Dole, Fully Insulate with:
	50126	Prestite Insulation Tape
	50326	Insulation Tape

Item No.	Part No.	Name
14	312926000	Oetiker Clamp #12.3
15	620708933	Tygon Tubing 7/16 OD X 1/4 ID: Supplied in 6' Lengths. Fully Insulate with:
	50126	Prestite Insulation Tape
	50326	Insulation Tape
16	50163	Armaflex Insulation 3/8 ID X 3/8 Wall: Supplied in 6' Lengths
17	77900800	SS Y-Fitting (2) 1/4 x 3/8 Barb. Fully Insulate with:
	50126	Prestite Insulation Tape
	50326	Insulation Tape
18	620607436	Polyethylene Tubing.380" ID X.593" OD: Supplied in 6' Lengths
19	50249	Armaflex Insulation Tubing 1/2 ID x 3/8 Wall: Supplied in 6' Lengths
20	309853000	Oetiker Clamp #15.7
21	321471000	Dow 111 Lubricant for O-Rings (Not Shown)

KEYPAD ASSEMBLY DETAIL

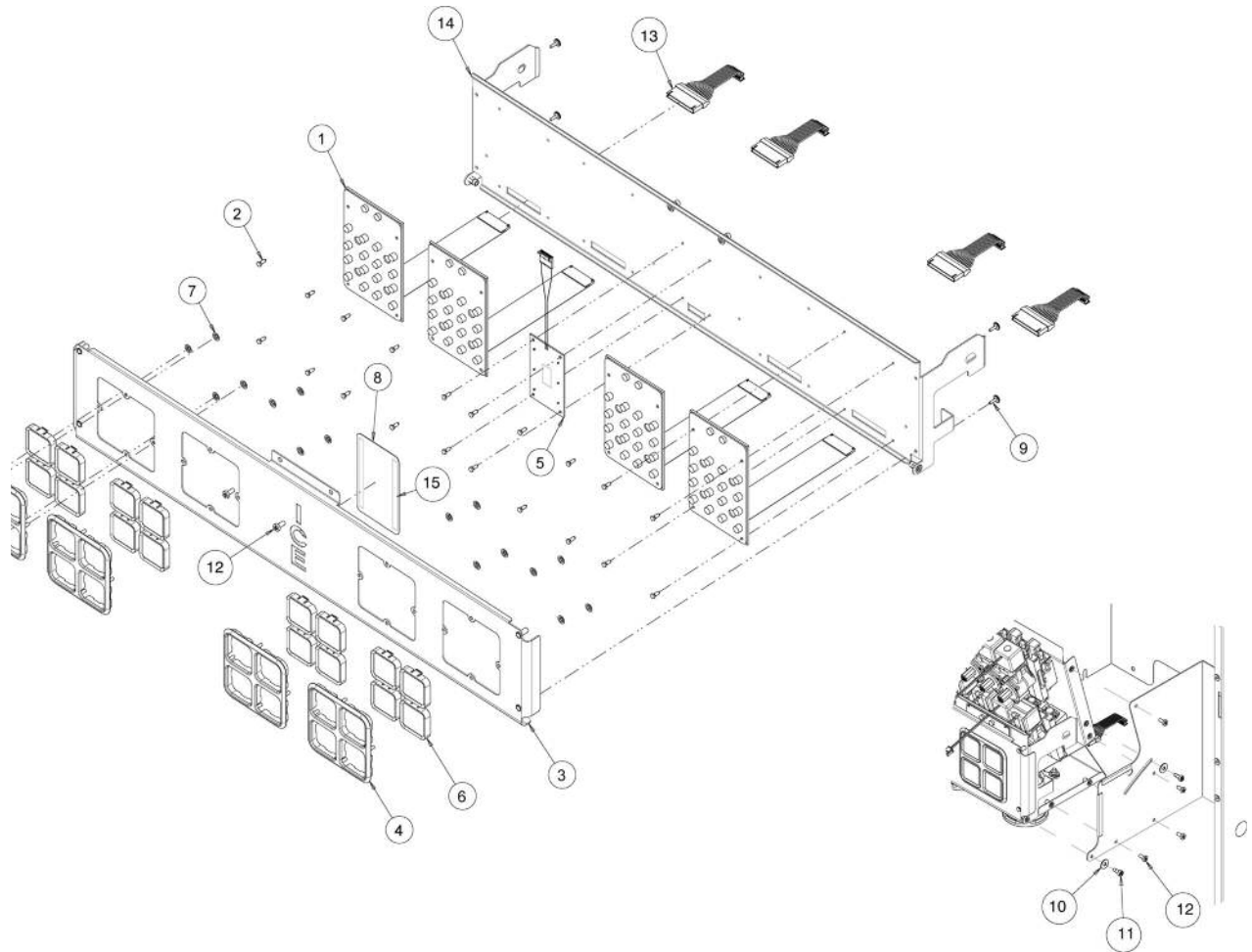


Figure 6.

Item No.	Part No.	Name
1	620045216	Brand Keypad: Order must include item 13
2	620709634	Pine Tree Push In Clip.118" DIA
3	620053772	Bezel Panel
4	620719401	Brand Bezel
5	620314879	Ice Icon LED Circuit Board
6	620719405	Brand Push Button
7	318036000	Push Nut,.125" DIA
8	620518244	Blue Indicator Lens
9	320734000	SS Machine Screw, 06-32 x 3/8" Pan Head Phillips w/ Lock Washer

Item No.	Part No.	Name
10	V25248	#10 Flat Washer, SS
11	620720587	SS Shoulder Head Screw, 08-32 Phillips Head
12	70171	SS Machine Screw, 08-32 x 3/8" Truss Head Phillips Screw
13	620317462 620048380	Keypad to E-board Transition Harness ADA Adaptor Harness.
14	620053770	Keypad Panel
15	000251107	Double Sided Tape 1" Wide. Supplied in rolls.

CARBONATOR TANK ASSEMBLY DETAIL

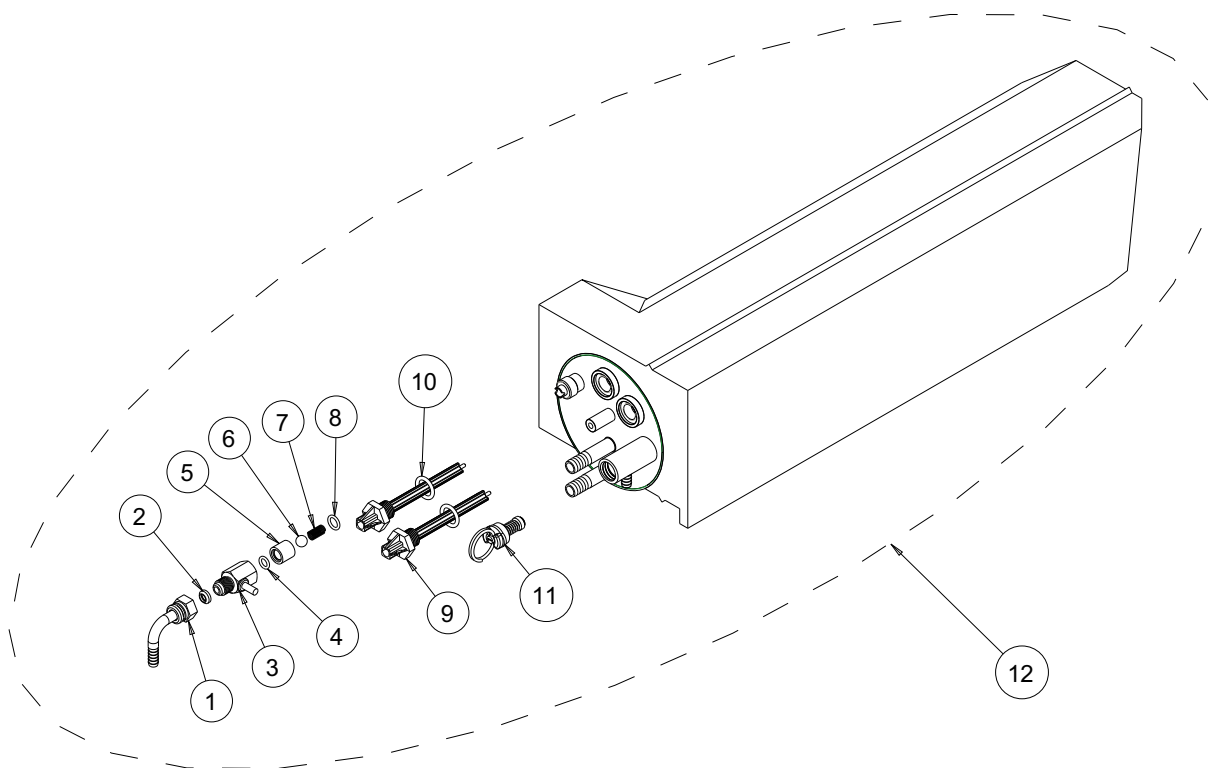


Figure 7.

Item No.	Part No.	Name
1	77040100	SS L-Swivel Fitting 7/16"-20 (1/4" FFL) FL X 1/4" Barb
2	178025100	Male Gasket Flare Fitting
3	77401400	Check Valve Fitting
4	398033002	O-Ring.239" ID.070" CS 70 DU BU-N
5	64686	SS Check Valve
6	64560	SS Check Valve Ball,.3125" DIA
7	64678	Spring

Item No.	Part No.	Name
8	31525012	O-Ring.301" ID.070" CS 60 DU BU-N
9	620607108	Liquid Level Control Probe: Must be purchased together with item 10 (O-ring).
10	31525007	O-Ring.488" ID 103 CS 60 DU BU-N
11	318362000	Valve Relief Yel Carbonator
12	620518360	Complete Carbonator Tank Assembly

PUMP AND MOTOR ASSEMBLY DETAIL

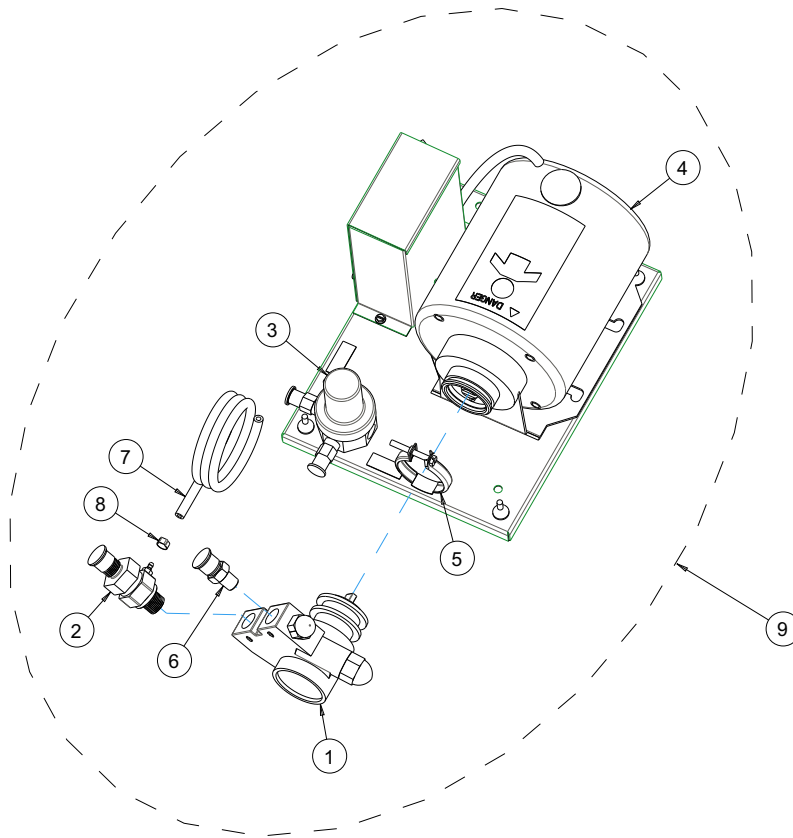
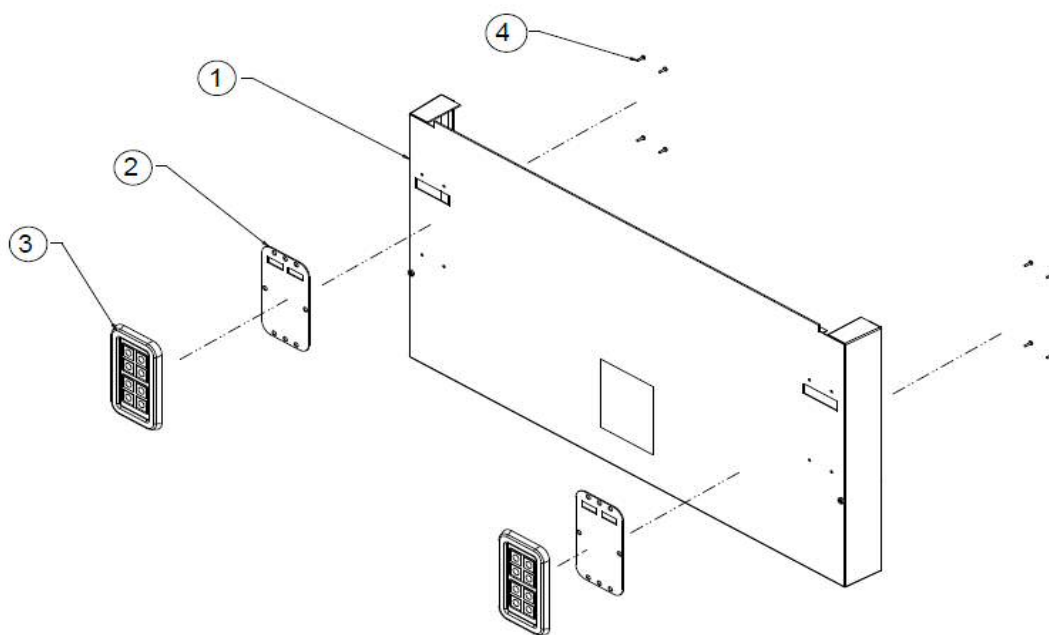


Figure 8.

Item No.	Part No.	Name
1	60170	Pump, 125 GPH
2	620608773	Check Valve 3/8MPT 5/8-18
3	620709802	Pressure Regulator, Fixed 75 PSIG
4	60030058	Pump Motor
5	187483000	Clamp

Item No.	Part No.	Name
6	111337000	Straight Fitting 3/8 MPT X 3/8 MF, Brass
7	174004000	Polyethylene Tubing. 156" ID X.312" OD
8	311527000	Oetiker Clamp #8.7
9	620408124	Complete Pump and Motor Assembly

**Figure 9.**

Item No.	Part No.	Name
1	620051146	ADA Z Style Splash Panel Taco Bell
	620051147	ADA Splash Panel Taco Bell
	620051854	ADA Splash Panel KFC
	620051856	ADA Z Style Splash Panel KFC

Item No.	Part No.	Name
2	620050223	Lower Gasket
3	620051142	Key Pad Assembly
4	620051389	Screw Philips, PAN



Cornelius Inc.
www.cornelius.com