



IDC RED

Illustrated Parts List



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 Marmon Foodservice
Technologies
A Berkshire Hathaway Company

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This document contains the original instructions for the unit described.

MARMON FOODSERVICE TECHNOLOGIES INC

355 Kehoe Blvd

Carol Stream, IL

Tel: + 1 800-238-3600

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To expedite the process, we ask that you have the following:

- The serial numbers of the equipment you purchased.
- The name and email address for a designed store contact.
- The general store information, including address location number.

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- Comprehensive after-sales service
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Complete with:

- Serial Number
- Equipment location details



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CLADDING COMPONENTS AND OVERALL ASSEMBLY DETAIL

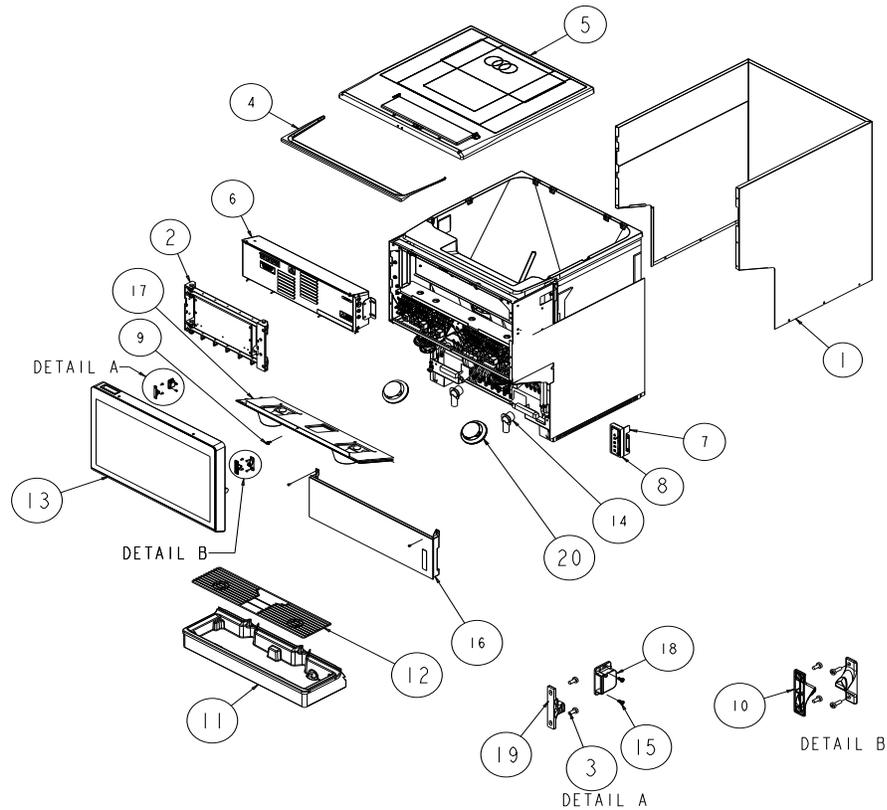


Figure 1. Cladding Components And Overall Assembly Detail

Table 1: Cladding Components

Item No.	Part No.	Description
1.	620062110	Wrap IDC Pro 255
2.	620063662	Hinge Assembly IDC Pro 255
3.	70171	Screw MA 08-32 TRPH 12 SS
4.	620058932	Frame Top Insert IDC Pro 255
5.	620061537	Lid Adapter Asy IDC Pro 255
6.	620061837	E-box Assy, High-end
7.	620062108	Board ADA Assy IDC Pro 255
8.	620062306	Gasket ADA IDC Pro 255
9.	620062633	Screw #10-32 x 5/8" Thumb
10.	620064459	Latch Door RF255
	620065485	Door Latch Kit
11.	620070585	Drip-Tray Assy IDC Pro 255
12.	620058904	Cup-rest IDC Pro 255
13.	620071831	Door Assembly IDC Pro ATM
14.	620072401	Boot Cold Plate Drain
15.	620062645	Screw MA 04-40 PAPH 08 (for P/N: 720704004)
	161168000	Screw MA 08-32 TRPH 08 SS (for P/N: 620061953)

Table 1: Cladding Components

16.	620062399	Splash Panel Assy IDC Pro 255
	620062408	Splash Panel Assy Z style
17.	620061986	Panel, Under panel Assy
18.	720704004	Catch Cabinet Female
	620061953	Catch magnetic sealed 6.6#
19.	720704005	Latch Door Male
20.	620516645	Cover Cold Plate Access
*	620064625	Plate Latch Shim IDC Pro 255
*	620068747	Cover Door Wrapper IDC Pro (Magnetic latch to be used with P/N: 620061953)
*	620062583	Kit Z TO DT Conversion
	629097436	Kit DT TO Z Conversion
*	620057826-005	Cable USB Type A To Molex ADA
*	620047378	Drain Tube Drip Tray IDC Pro 255
	629097006	Drain Tube Z-Style IDC Pro 255

* Not Shown

HINGE ASSEMBLY

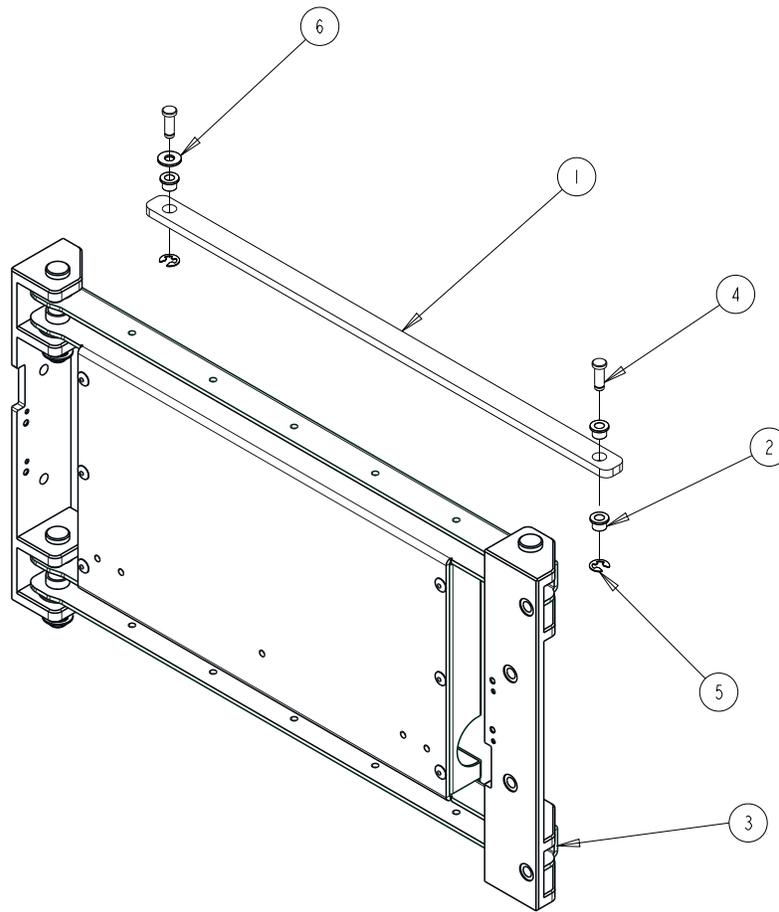


Figure 2. Hinge Assembly

Table 2: Hinge Assembly

Item No.	Part No.	Description
1	620063666	Arm Hinge Guide IDC Pro 255
2	620063667	Bearing Flanged Sleeve 0.375" OD IDC Pro 255
3	620063662S	Hinge Assembly IDC Pro 255
4	620063668	Pin Grooved Clevis 0.25 OD x 0.85 ID IDC Pro 255
5	620063670	Retaining Ring Side-mount IDC Pro 255
6	620063669	Washer Thrust 0.625 OD x 0.25 ID IDC Pro 255

ELECTRICAL BOX ASSEMBLY

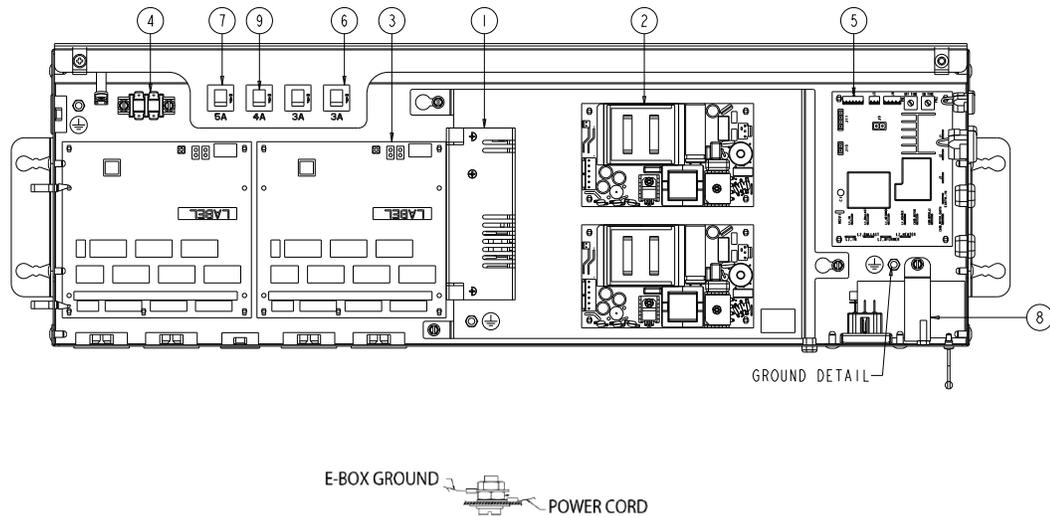


Figure 3. Electrical Box Assembly

Table 3: Electrical Box Assembly

Item No.	Part No.	Description
1	620057649-001	Pwr-supply 90-265VAC 250W 12 & 24VDC
2	620057649-023	Pwr-supply SMPS 275W, 30V
	325925000	Support PC board 3/8
3	620057808-400	Board Assy MFV 10B/4F/4W No Relay
4	187876000	Block Term 4 Spade Con
5	620314825-100	Board Agitator PCB W/safety Functions.
	620065277	Interlock Jumper

Table 3: Electrical Box Assembly

6	620058545-003	Breaker 3A Circuit Breaker
7	620058545-002	Breaker 5A Circuit Breaker
8	560002379	Capac Run 20 MFD 230V 50Hz
9	620058545-001	Breaker 4A Circuit Breaker
10	620057826-013	Harn Cable USB Male Type A to Type B 1.5m
11	620061906	Harn DC UI Dual Voltage
12	620062568-005	Cord Power, RA IEC60320-C13 to NEMA 5-15 12ft
*	620057864-003	Harn Led Downlight 42"

* Indicates Not Shown

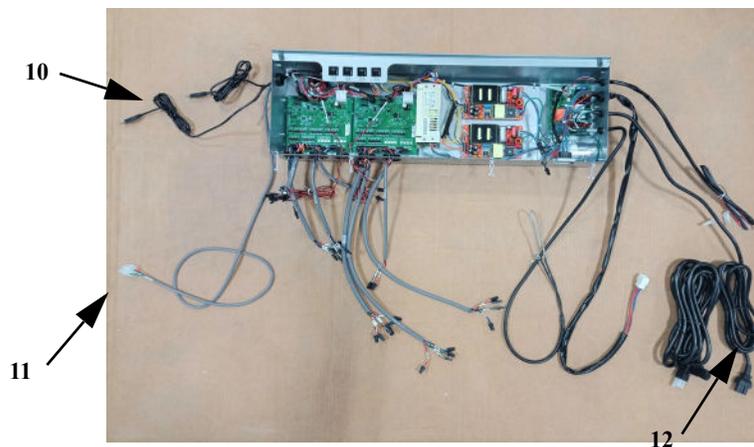


Figure 4. Electrical Box Assembly Detail

ICE DISPENSING ASSEMBLY DETAIL

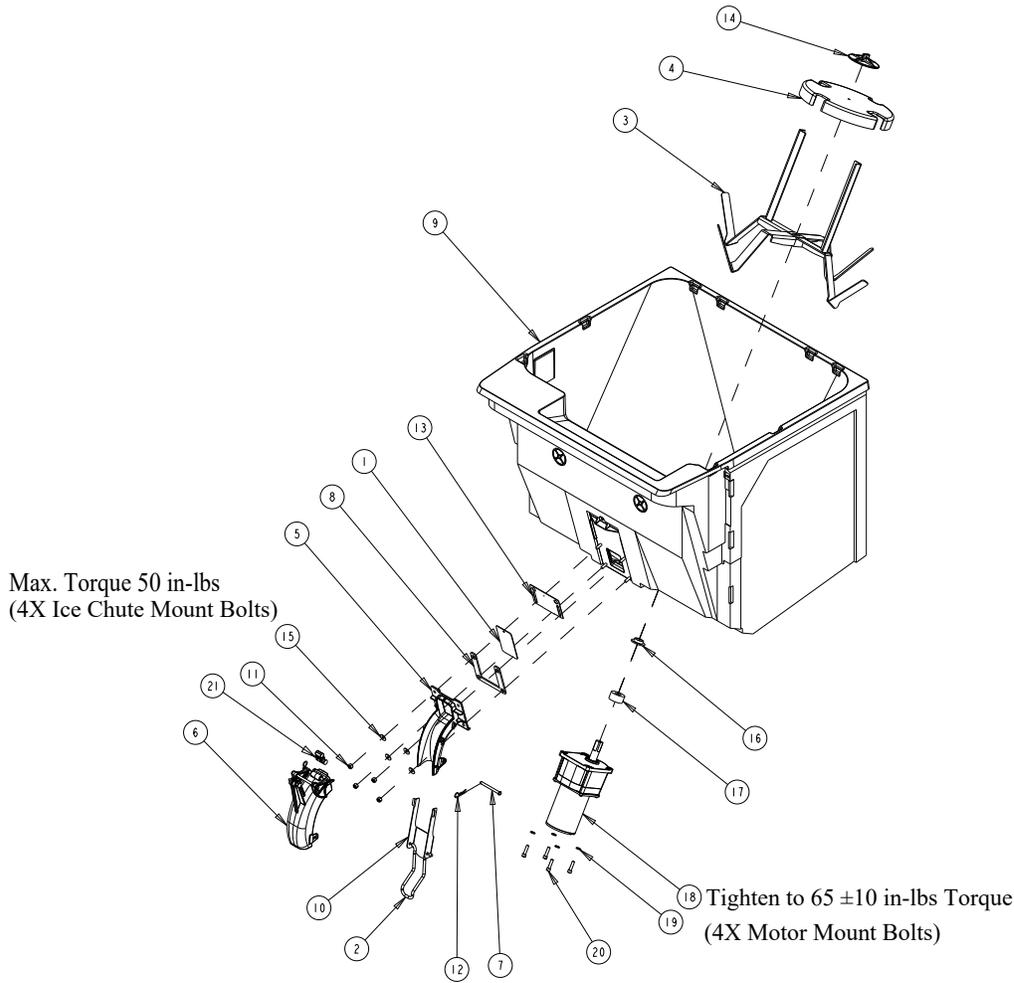


Figure 5. Ice Dispensing Assembly

Table 4: Ice Dispensing Assembly

Item No.	Part No.	Description
1	620048706	Gate Ice IDC
2	620709353	Lever Ice Chute Asy Wireform NGF/IDC/CF/FF
3	620042766	Agitator Assy
4	620042770	Agitator Disk
5	620518535	Chute Ice Lower IDC
6	620518536	Chute Ice Mech Asy IDC
7	620051502	Clevis Pin 25 Dia X 2.75 Long
8	620710129	Gasket Ice Chute IDC Low Duro
9	620063681	Hopper Agitator Motor Assy
10	620709346	Lever Ice Chute Bracket
11	620709132	Nut- Hex 1/4-20 SS Nylock
12	620709432	Pin- Hairpin Cotter 18-8 SS IDC
13	620518908	Plate Ice Gate Restrictor IDC
14	15087	Retainer Agitator
15	70066	Washer Ft 265 750 055

Table 4: Ice Dispensing Assembly

16	620711105	Gear Box Shaft Seal
17	52876	Gear Box Shaft Gasket
18	740002816	Service motor 115V (without gearbox)
	740002817	Service Motor 230v (without gearbox)
	620068668	Motor Gear Agitator Asy 115v
	620071056	Motor Gear Agitator Asy 230v
19	186294000	Washer LK 262 489 062 SSPA 250
20	620720590	Screw- 1/4-20 SHCS Self-locking 32 SS
21	620314527	Sensor Position Ice Chute IDC
22	*620711940	Insulation Gear Motor Adapter Plate Jrd
23	*30794	Heater Agit Mtr 2230ak6
24	*620050388	Brace Long IM Adapt Kit FF/IDC (2X For set)
25	*620050389	Brace Long IM Adapt Kit FF/IDC Flat

Notes:
* Not Shown

BEVERAGE VALVE AND NOZZLE SYSTEM DETAIL

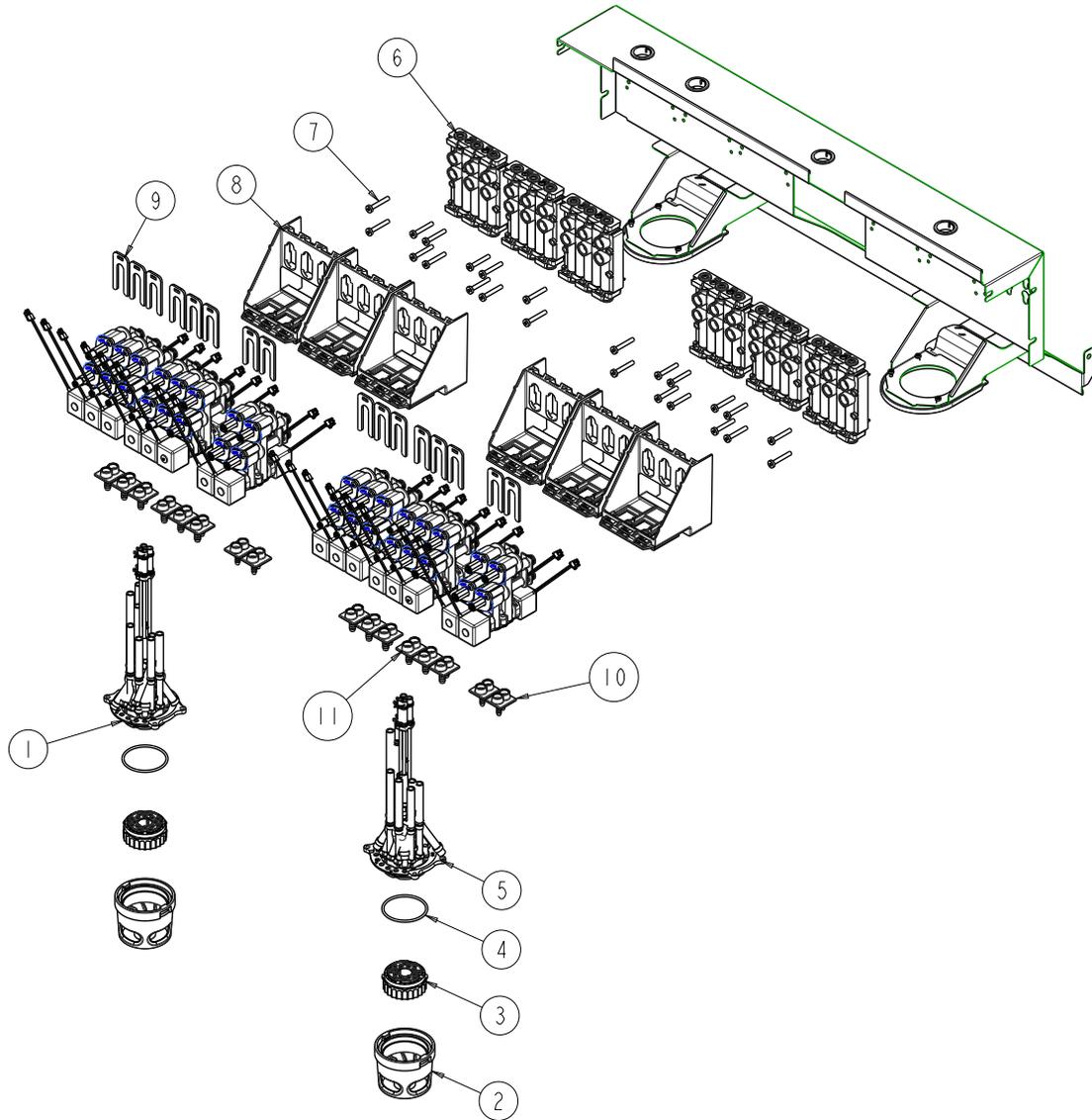


Figure 6. Beverage Valve and Nozzle System

Table 5: Beverage Valve and Nozzle System

Item No.	Part No.	Description
1.	620072461	Nozzle Assy 10/4/4 LH IDC Pro
2.	620062705	Housing Asy Nozzle Outer Multi Fl IDC Pro 255
3.	620062012	Diffuser w/Overmold Gen 5 MFV
4.	620716317	Ring 2.050" 103 CS 65-70 Duro
5.	620072460	Nozzle Assy 10/4/4 RH IDC Pro
6.	620056838	Block Back 3x2 W/shutoff MFV
7.	620700601	Screw, 10-16 Thread Forming Sheet metal Phillips Head SS, 1.25 Long 24
8.	620057858	Base 3 Module MFV
9.	620058297	Clip Valve Module MFV
10.	620063627	Adapter Barb 3/16" Tubing MFV IDC Pro 255

Table 5: Beverage Valve and Nozzle System

11.	620063628	Adapter Barb 1/4" Tubing MFV IDC Pro 255
*	629097551	IDC Pro Nozzle And Diffuser Kit

* Indicates Not Shown

BEVERAGE VALVE SYSTEM DETAIL

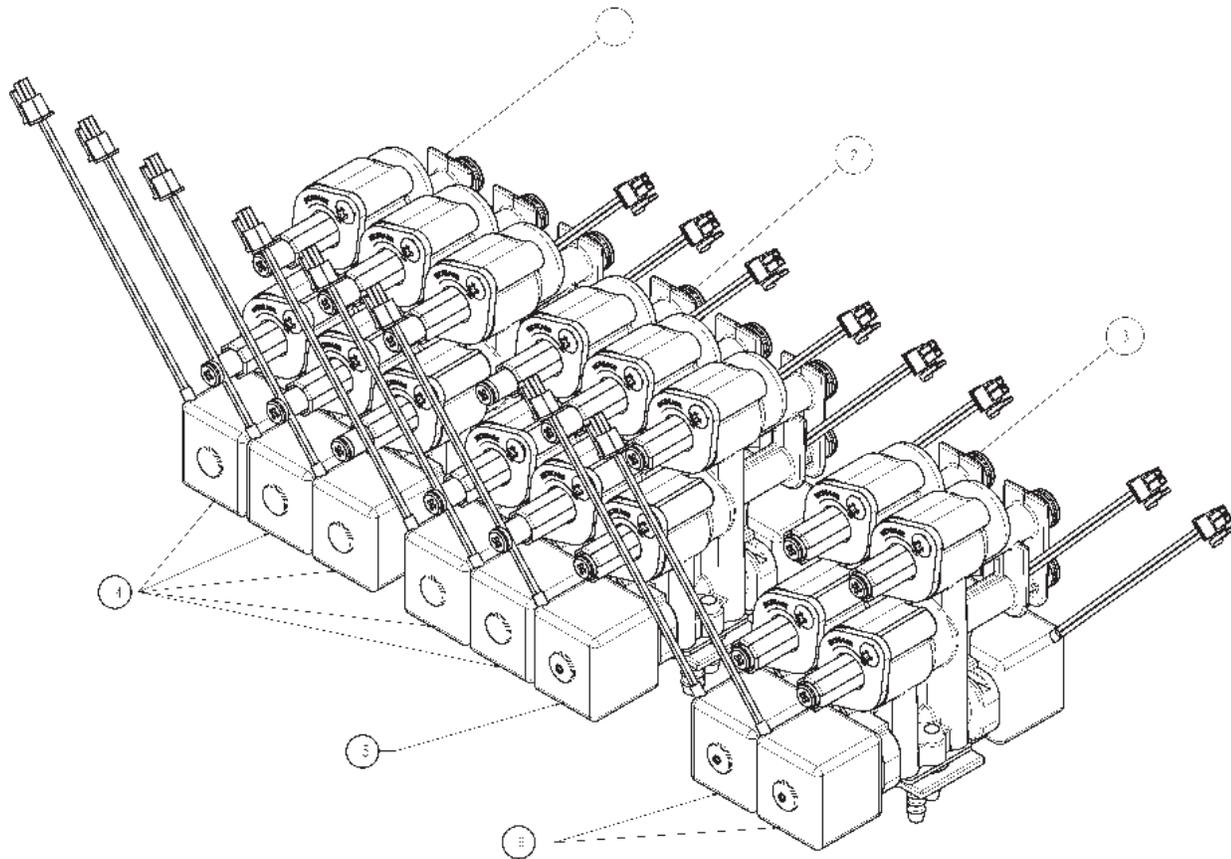


Figure 7. Beverage Valve system

Table 6: Beverage Valve system

Item No.	Part No.	Description
1	620065917-002	Valve Assy 2 X 3 HY Brand, MFV Refresh
2	620065917-003	Valve Assy 2 X 3 4 HY Brand 2 Water, MFV Refresh
3	620065917-004	Valve Assy 2 X 3 4 Flavor, MFV Refresh
4	620065886S	Body Valve Syrup MFV Refresh
5	740002389W	Water Valve Body Assy MFV
6	620056892F	Flavor Valve Body Assy MFV

* Indicates Not Shown

BEVERAGE PANEL ASSEMBLY DETAIL

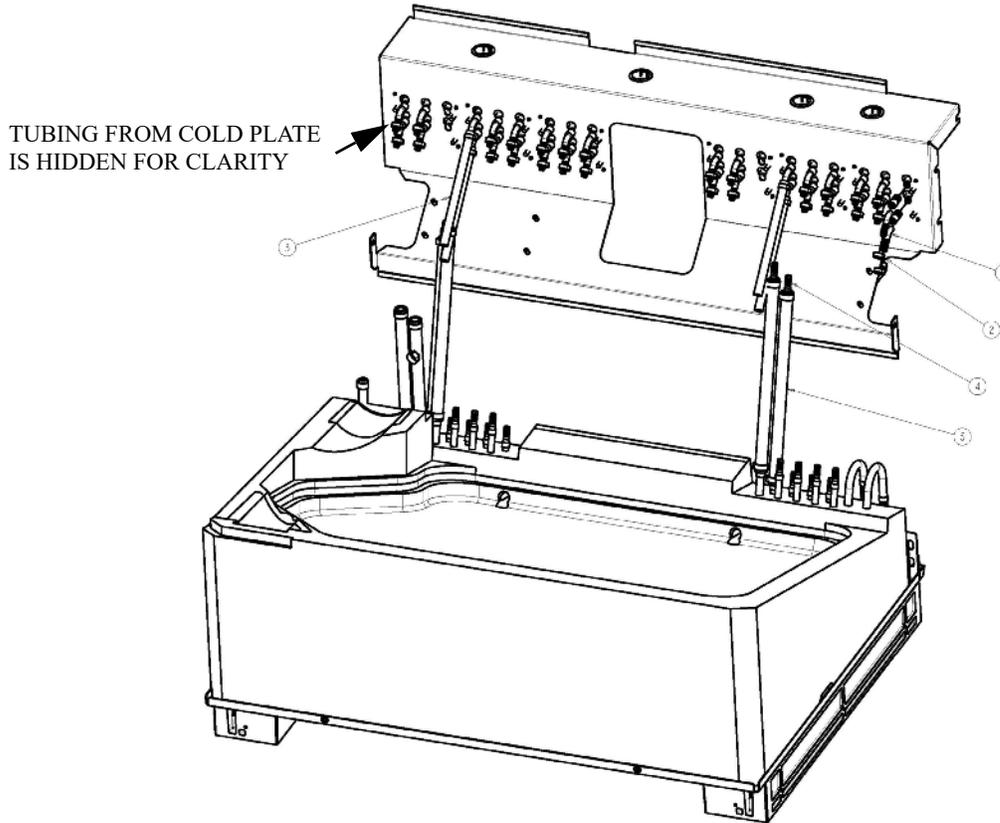


Figure 8. Beverage Panel Assembly

Table 7: Beverage Panel Assembly

Item No.	Part No.	Description
1	620058126	Fitg 45 Deg Barbed (incl. O-Ring)
2	311908000	Clamp octr 445open Stpls #11.3
3	620717791	Tubg Sg 265 ID X 420 300' Taste Rite Braided
4	77040700	FITG-SPLICER .250 X .375 STN STL
5	620607436	Tubg Polyethylene .380 X.593 Line 1 Inch
*	50163	Armaflex,3/8 ID X 3/8 W X 72"
*	50249	Tubg Insul 1/2 ID X 3/8 WL X 6'

* Indicates Not Shown

CARBONATOR TANK ASSEMBLY DETAIL (IF APPLICABLE)

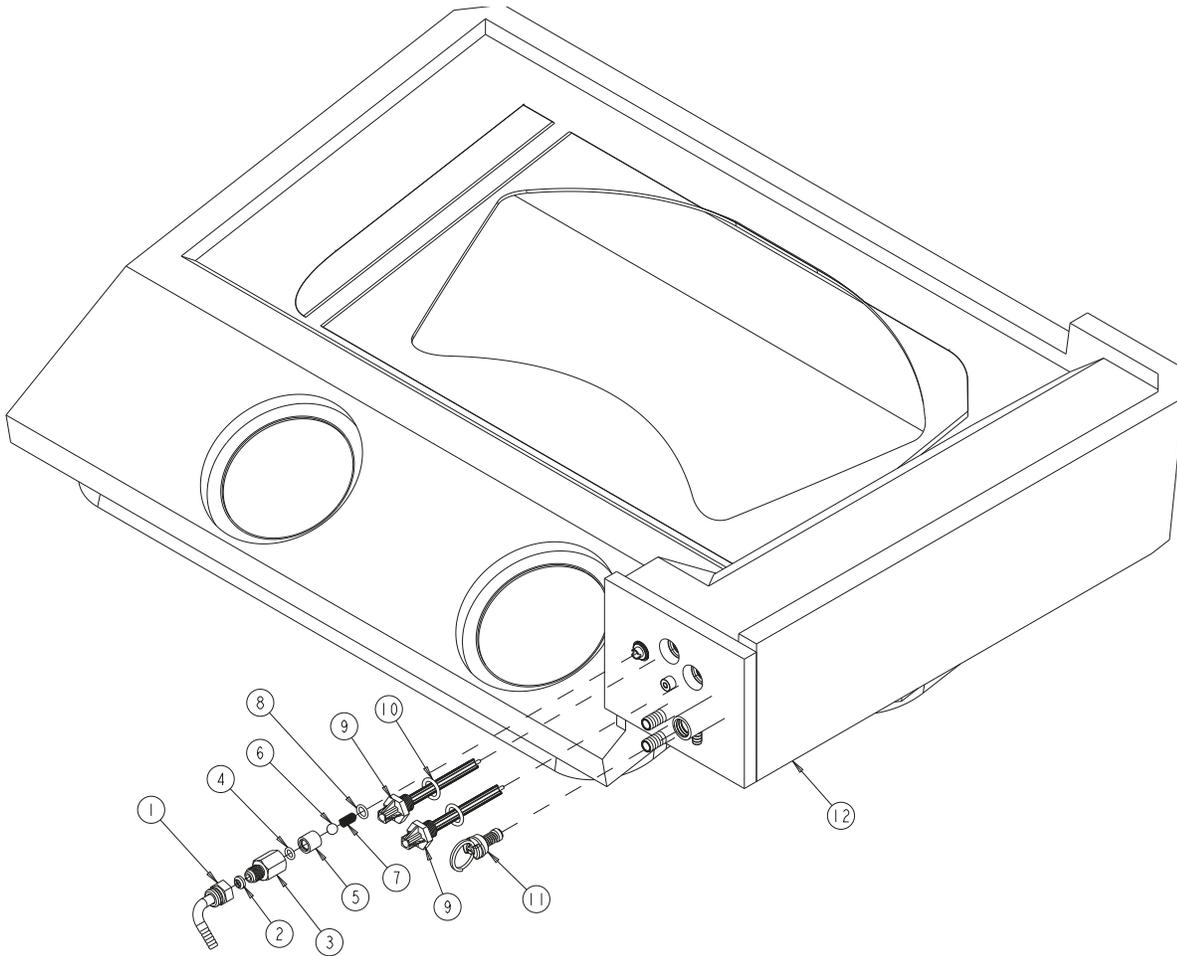


Figure 9. Carbonator Tank Assembly

Table 8: Carbonator Tank Assembly

Item No.	Part No.	Description
1	77040100	L-Swivel Fitting 7/16"-20 (1/4" FFL) FL X 1/4" Barb, SS
2	178025100	Male Gasket Flare Fitting
3	560006103	Valve Chk Body
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

Table 8: Carbonator Tank Assembly

7	64678	Spring
8	31525012	O-Ring .301" ID .070" CS 60 DU BU-N
9	620607108	Liquid Level Control Probe: Must be Purchased w/ Item 10 (O-Ring)
10	31525007	O-Ring .488" ID 103 CS 60 DU BU-N
11	630001122	Valve Relief Asy Black
12	620516645	Cover Coldplate Access
*	65259	Kit valve chk sngl service

* Indicates Not Shown

PUMP AND MOTOR ASSEMBLY DETAIL

(620408124-001 Pump & Motor Asy 120/60 1/3HP)

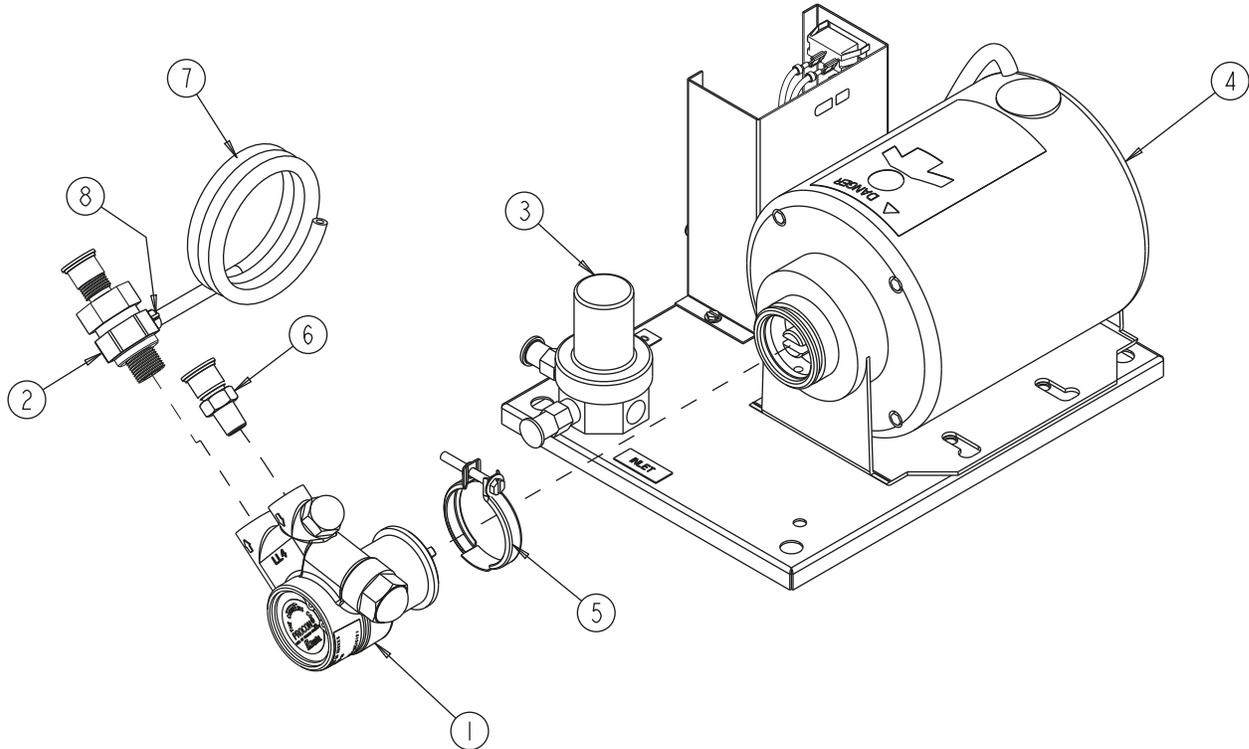


Figure 10. Pump and Motor Assembly

Table 9: Pump and Motor Assembly

Item No.	Part No.	Description
1	60170LL	Pump 125 gph W/s TRN Procon Low
2	620608773	Check Valve 3/8MPT 5/8-18
3	620709802-001	Pressure Regulator 75 PSIG
4	60030058	Motor Pump 115 Volt
5	187483000	Clamp V 2"D Pump & motor
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

DOOR ASSEMBLY-620071831

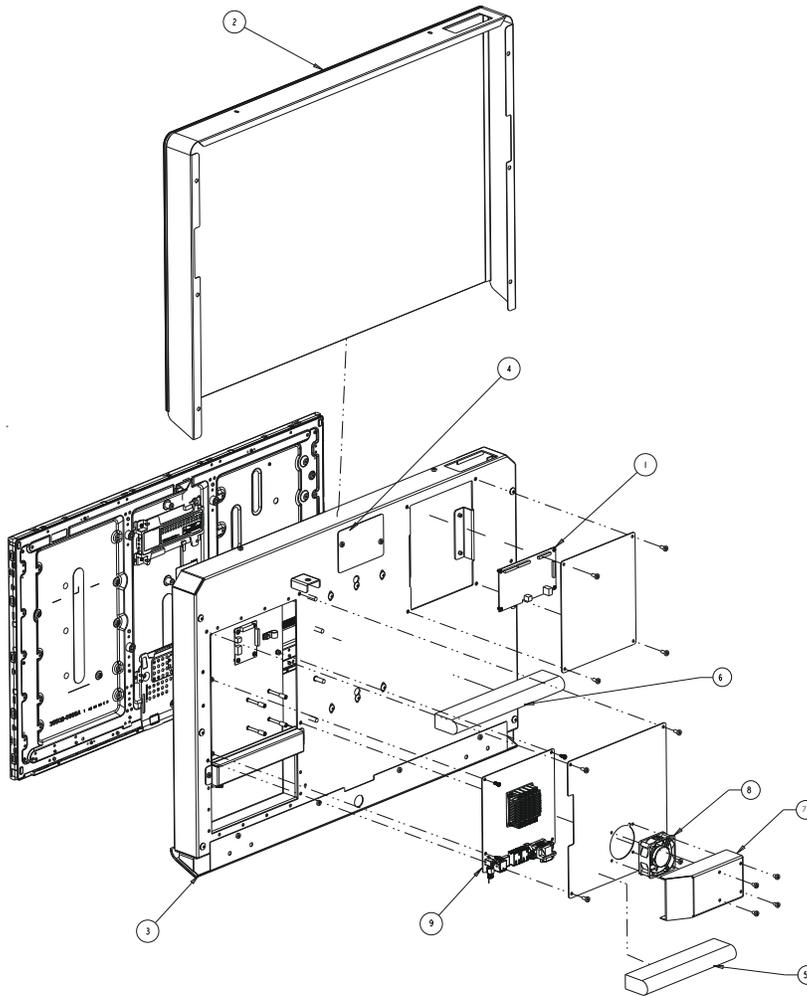


Figure 11. Door Assembly
Table 10: Door Assembly

Item No.	Part No.	Description
1.	620200198	Kit Door Touch Controller IDC Pro 255 ZXY200
	629098011	Kit Door Touch Controller IDC Pro 255 ZXY500
2.	629097936	Kit Door Glass Wrapper Assy IDC Red ZXY200
	629098013	Kit Door Glass Wrapper Assy IDC Red ZXY500
3.	620063678	Door Bottom Frame Assy RF 255
4.	620064953-01	Pnl service door lid sensor IDC Pro255
5.	620071831-001	Tube Sealing Door Assy IDC Pro
6.	620071831-002	Tube Sealing Lhs Door Assy IDC Pro
7.	620067283	Door Exhaust Duct IDC Red
8.	629097940	Kit Door Exhaust Fan IDC Red
9.	629098010	Kit Door SBC IDC Red
*	620064459	Latch Door IDC Pro 255
*	70171	Screw MA 08-32 TRPH 12 SS
*	620071544	Cover Door Intake Fan
*	629097937	Kit Service SSD IDC Red

* Indicates Not Shown

VALVE ASSEMBLY

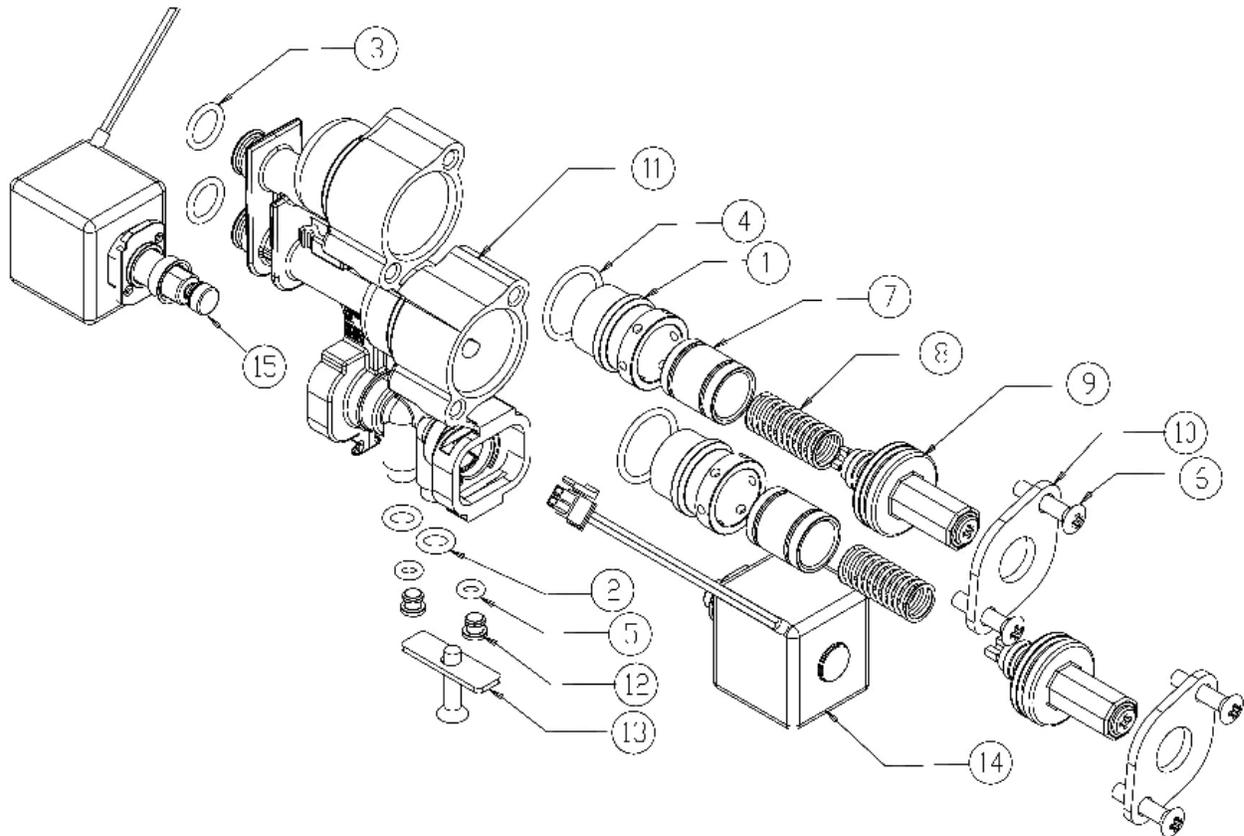


Figure 12. Valve Assembly

FLAVOR VALVE BODY ASSY, MFV - 620056892F (WHITE ADJUSTMENT SCREW, PURPLE HOUSING)

Table 11: Valve Assembly

Item No.	Part No.	Description
1	740002075	Sleeve Cylinder F-cntl MFV Val
2	740001852	O-Ring 239 ID 077 CS 70 DU E16
3	620059773	Quad-Ring 364 ID 070 CS 70 DU 559
4	317816000	O-Ring 676 ID 070 CS 70 DU E16
5	321544000	O-Ring 145 ID 070 CS 65 DU E14
6	560001108	Screw Tt 08-16 Ovph 26 SSPA

Table 11: Valve Assembly

7	740002076	Piston Syrup MFV 30:1
8	48258005	Spring Syrup SLJ
9	560007207-2	Scw ADJ Flow Assy O-Ring
10	620046317	Retainer Flow-cntl Body Grappa
11	620056885	Body Valve MFV
12	620056965	Plug Bottom Valve Body MFV
13	620056966	Plate Valve Body MFV
14	620058280-01	Solenoid Asy 24V MFV Syrup
15	620711132	Seal Armature - Syrup side

BODY VALVE SYRUP ASSY, MFV REF - 620065886S (GRAY ADJUSTMENT SCREW, BLACK HOUSING)

Table 12: Valve Assembly

Item No.	Part No.	Description
1	1934	Cylinder F-cntl Ceramic UF1
2	740001852	O-Ring 239 ID 077 CS 70 DU E16
3	620059773	Quad-Ring 364 ID 070 CS 70 DU 559
4	317816000	O-Ring 676 ID 070 CS 70 DU E16
5	321544000	O-Ring 145 ID 070 CS 65 DU E14
6	560001108	Screw TT 08-16 OVPH 26 SSPA
7	310480011	Piston Syr Reg Crmic

Table 12: Valve Assembly

8	1940	Spring Flow-cntl UF1
9	620720806	Screw- ADJ Flow Asy
10	620046317	Retainer Flow-cntl Body Grappa
11	620056885	Body Valve MFV
12	620056965	Plug Bottom Valve Body MFV
13	620056966	Plate Valve Body MFV
14	620058280-01	Solenoid Asy 24V Grappa/MFV SY
15	620711132	Seal Armature - Syrup side

BODY VALVE WATER ASSY, MFV REF - 740002389W (GRAY ADJUSTMENT SCREW, WHITE HOUSING)

Table 13: Valve Assembly

Item No.	Part No.	Description
1	1934	Cylinder F-cntl Ceramic UF1
2	740001852	O-Ring 239 ID 077 CS 70 DU E16
3	620059773	Quad-Ring 364 ID 070 CS 70 DU 559
4	317816000	O-Ring 676 ID 070 CS 70 DU E16
5	321544000	O-Ring 145 ID 070 CS 65 DU E14
6	560001108	Screw Tt 08-16 OVPH 26 SSPA

Table 13: Valve Assembly

7	560006006	Piston Wtr Reg CRMIC 2-4 oz/sec
8	560006176	Spring Flow-cntl Ufb 2-4 Oz
9	560007207-1	Screw Adj Flow Assy
10	620046317	Retainer Flow-cntl Body Grappa
11	620056885	Body Valve MFV
12	620056965	Plug Bottom Valve Body MFV
13	620056966	Plate Valve Body MFV
14	620070042	Solenoid Asy 24V
15	620070041	Seal Armature - water side

ACCESSORIES

Table 14: Accessories

Item No.	Part No.	Description
1	620064642	Bottle Novus No.2 Fine Scratch Remover
2	620064585	Misc. Data Stick 4 GB USB
3	620920419	Kit Ice Slide IDC 215/255
4	629097238	Kit IDC 215/255 Ice Slide And Diverter
5	0858	Cup Brix Prop 5.25:1/4.75:1 CC

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