

Parts Manual

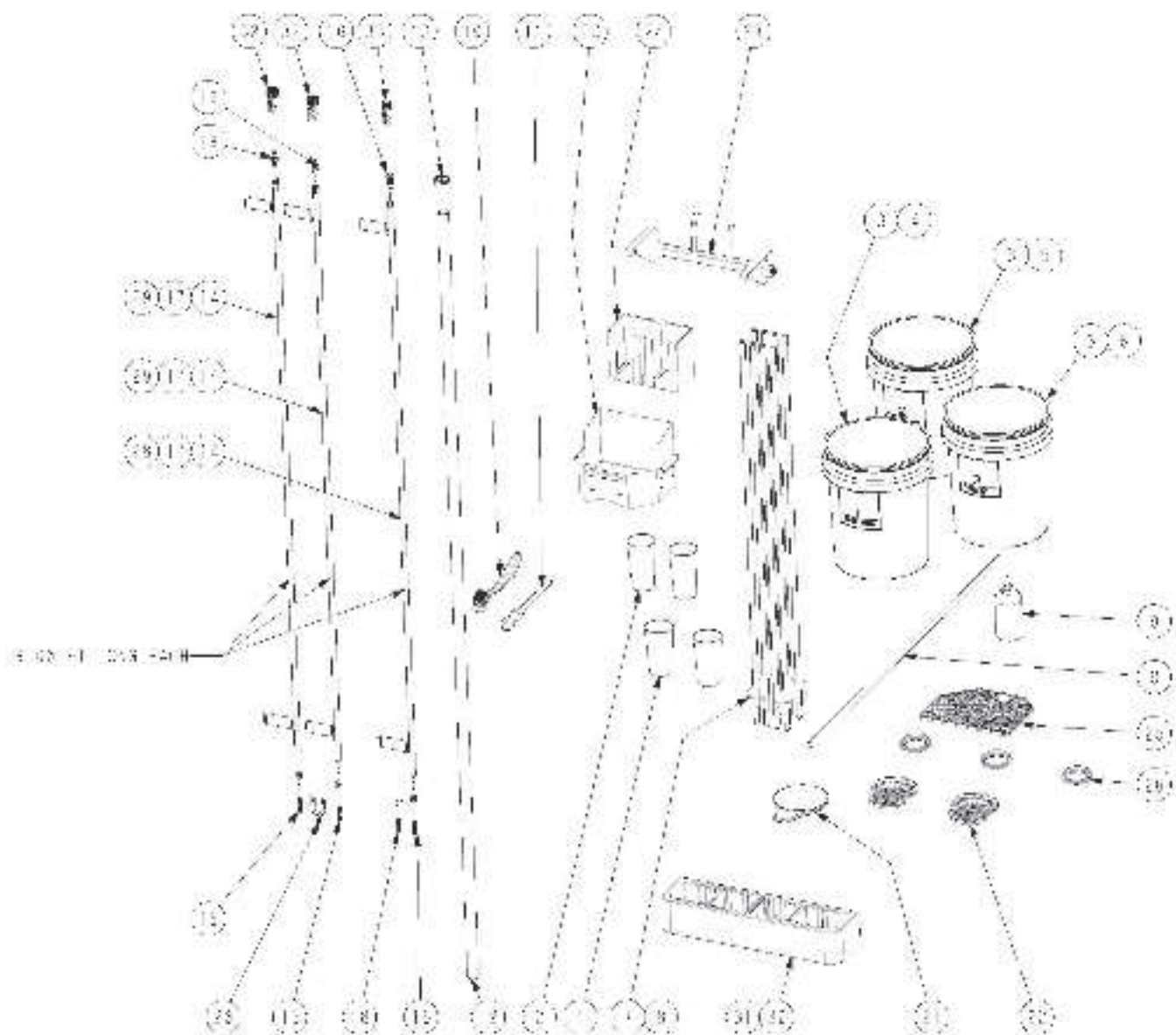
Subject: Blend-in-Cup (BIC) Plus Manual Fill Parts Manual

SCOPE: ALL MULTIPLEX BIC PLUS MANUAL FILL UNITS

Loose Parts Kit	2
Upper Refrigeration Assembly	4
Cup Dispensers.....	6
Door Replacement Parts	7
Blender Module.....	8
Ice Dispense Vitamix Parts.....	12
Refrigerated Cabinet	14
Condenser.....	16
Drain.....	18
Plumbing	22
Electrical.....	24
EVAP Assembly.....	26
Accessories	28
Pumps and Solenoids	29
Dispense Head.....	30



Loose Parts Kit



Loose Parts

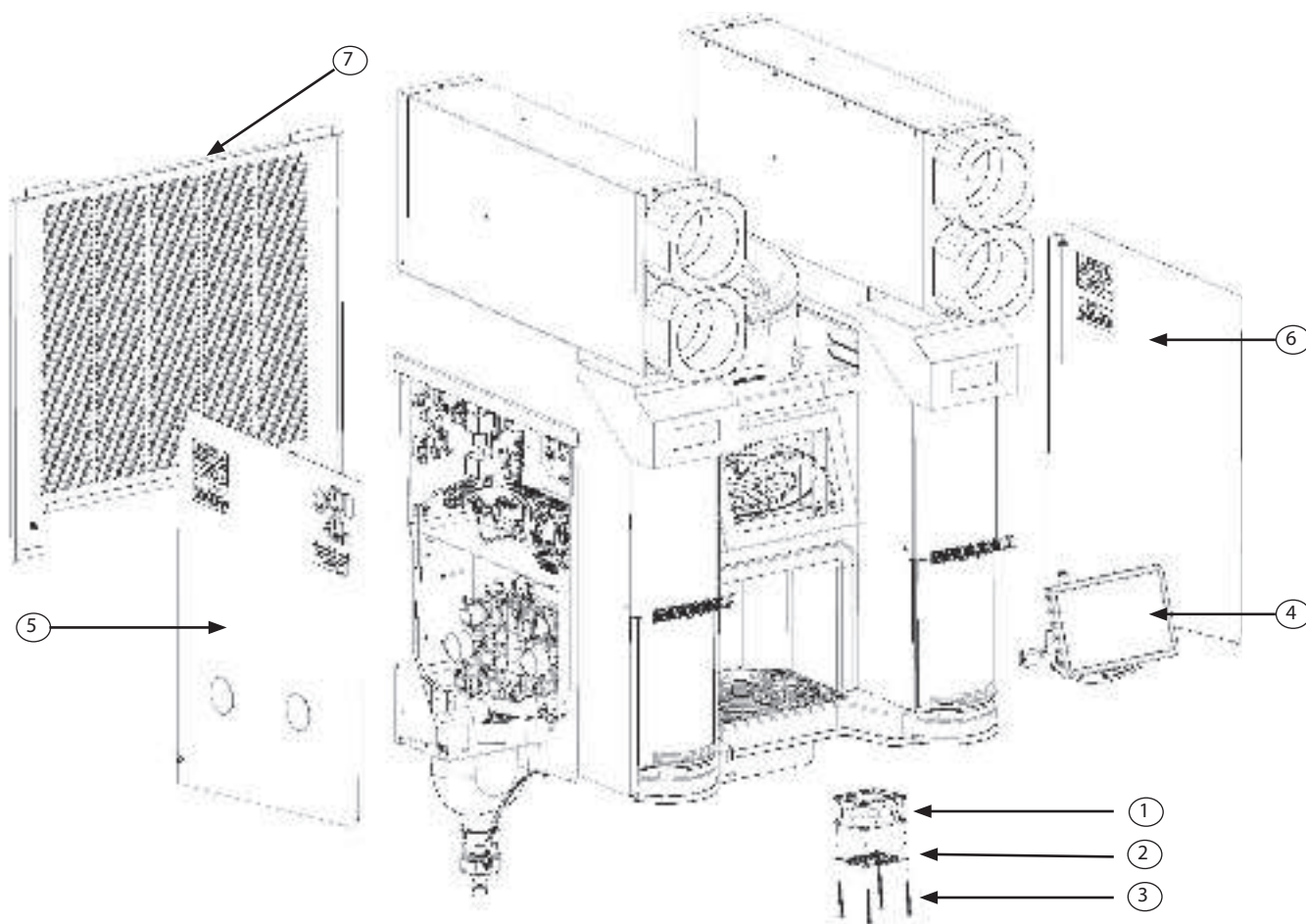
#	Part #	Description	QTY	NOTE
1	3547886	CUP,SANITIZE,BLUE,BIC,16OZ	2	
2	3547885	CUP,WASH,RED,BIC, 16OZ	2	
3	3547771	BUCKET,5 GALLON,BLACK	3	
4	9294277	LABEL ,WASH		
5	9294278	LABEL,RINSE		
6	9294279	LABEL, SANITIZE		
7	000-BIC-008Q-S	ASSY,FTTG CLNG MNFLD,BIC		
8	000-BIC-008Q-S	ASSY,FTTG CLNG MNFLD,BIC		
9	1706138	BOTTLE,SOUEEZE,CLEANING		
10	3235184	BRUSH,CLEANING,MF BLENDER		
11	3235185	BRUSH,TUBE,CLEANING,BIC		
12	1702020	TUBING,DRAIN, 1.00"ID X 1 .28"OD		
13	WBL - 96 - 077	CLAMP, WORM, HOSE,. 9375 IN THRU 1. 5 IN DIA		
14	02-0584	TUBE,PVC,REINF,0.380" ID X 0. 594" OD		
15	354 7781	FITTING, BARBED, 3/8	3	
16	3547347*	CPLNG,LC,FEM, VLVD,INLINE,3/8 BARB		
17	17.0-706R	CLAMP,OETIKER, 14.5~17.0MM,0.571~0.669IN	6	
18	3547932	FITTING,BARB,3/8 TO 1/4		
19	MCP00246*	CPLNG,LC,MAL, VLVD,INLINE,3/8 BARB	2	
20	5011751	FI TT I NG 3/8"Y BARB		
21	3235216	SCALE,CALIBRATION,BIC		
22	1708687	GRATE, RINSE ASSY, BIC	2	
23	000-B IC-006R	SHIELD DISP AREA, ASSEMBLY		
24	265-B03-003J	BODY LID HOLDER	2	
25	1708676	GRATE, DISPENSE, BIC MF		
26	1708685	INSERT, CUP ALIGNMENT, BIC	3	US/Canada Only
	020009103	INSERT, CUP ALIGNMENT, BIC EUR	3	EUR/ Australia Only
27	000-BIC-0085	ICE ASSIST		
28	9291379	LABEL,HOSE,CO2 GAS	2	
29	9291380	LABEL, HOSE, WATER	4	
30	1706194***	RACK SYRUP		
31	1706195***	RACK SYRUP DIVIDER	3	
32	020008485**	VALVE,BALL,G3/4 FEM TO 3/8" BARB	2	
33	020009290**	VALVE,BALL,G3/4 MAL TO 3/8" BARB		

Item 16* (3547347) & 19 (MCP00246) – Applicable only for the machines comes with the CPC inlet fittings from Utility & Drain Assy.

Item 30*** (1706194) & 31 (1706195) – Applicable only for CAN (MAM0004R00) &AUS (MAM0124R) SKU's.

Item 32** (020008485) & 33 (020009290) - Applicable only for the machines comes with the RPE inlet fittings from Utility & Drain Assy.

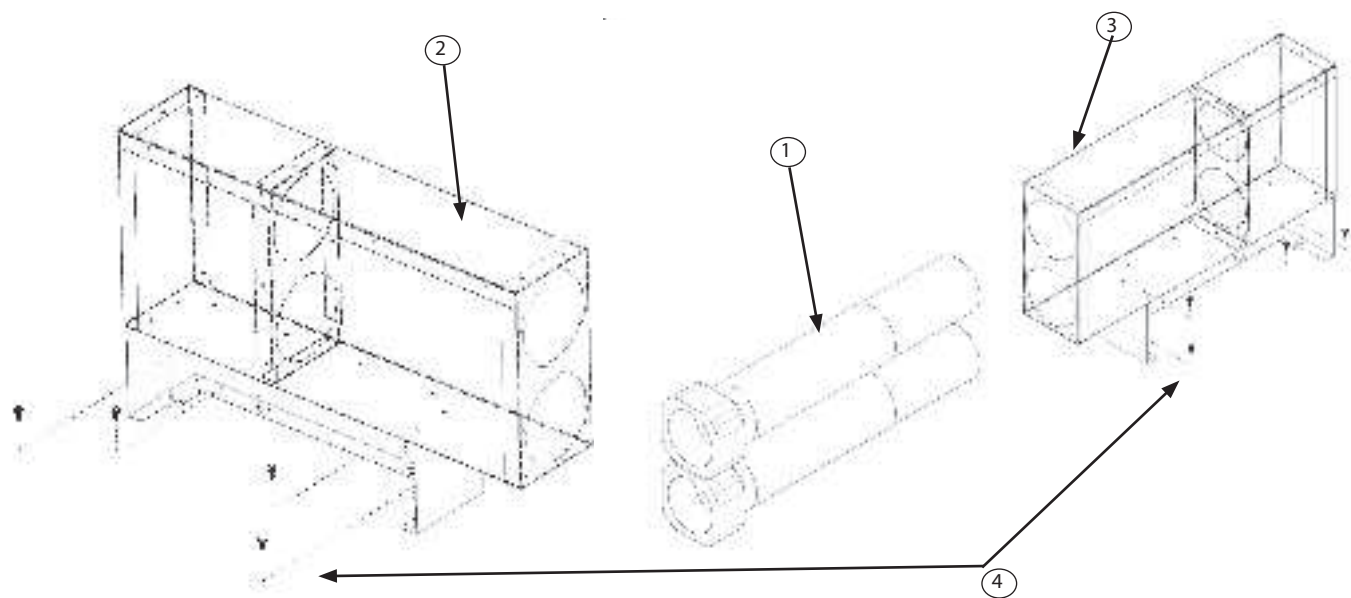
Upper Refrigeration Assembly



Upper Refrigeration Assembly Parts

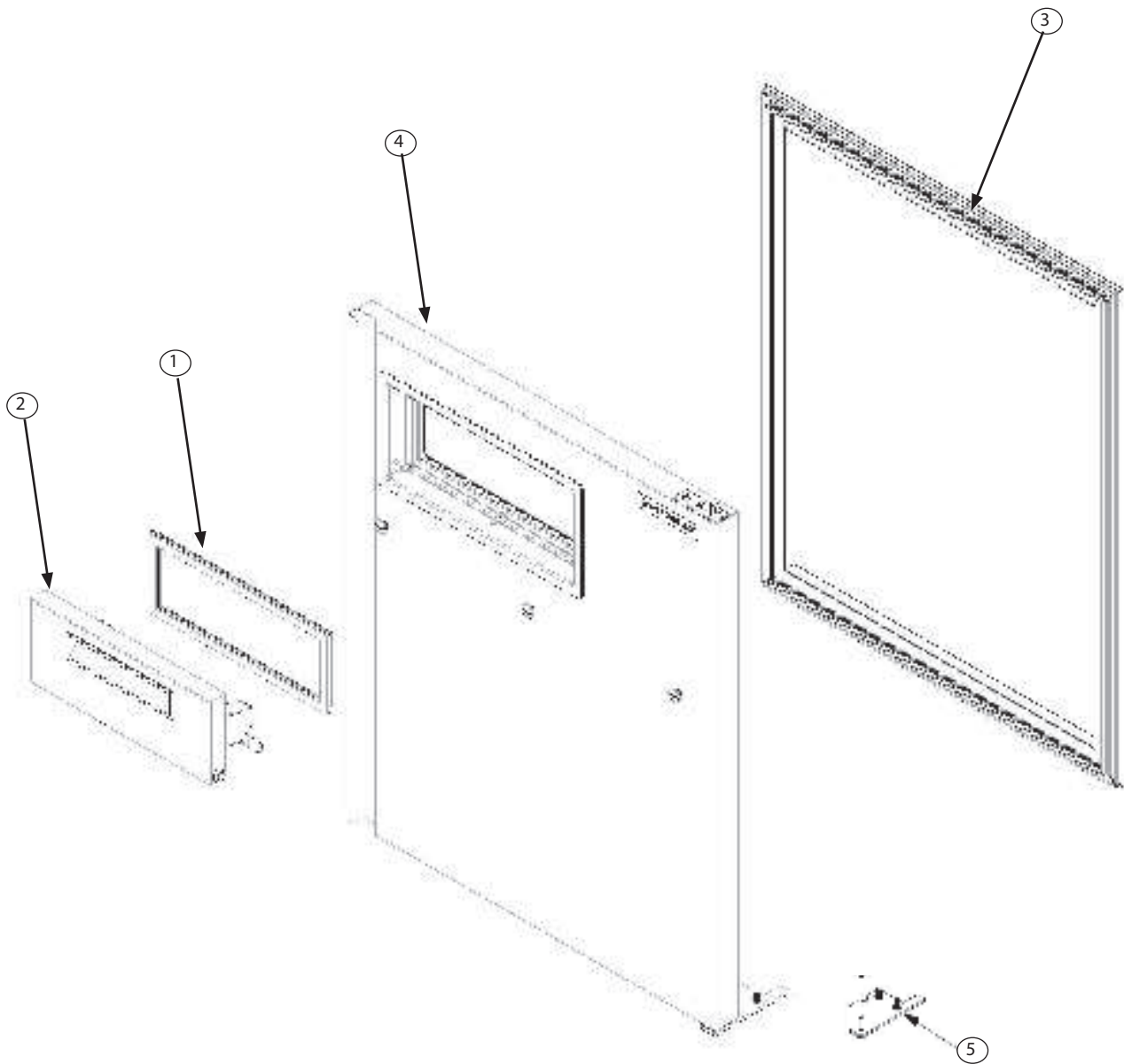
#	Part #	Description	QTY	NOTE
1	2160043	FAN,AXIAL,80x80x38MM,70CFM		
2	3978124	GUARD,FAN,3-1/8",WIRE		
3	9325035	8-32X2,18-8 PH PAN HD M/S	4	
4	8060757-03	DISPLAY 7 INCH COMMON UI		
5	020009858	KIT,BIC PLUS, LEFT SIDE PANEL		
6	020009859	KIT,BIC PLUS, RIGHT SIDE PANEL		
7	020009078	PANEL,OUTER,REAR,BIC MF		
	9321007	SCREW 8-32 X.50 S-P-TR-M		

Cup Dispensers



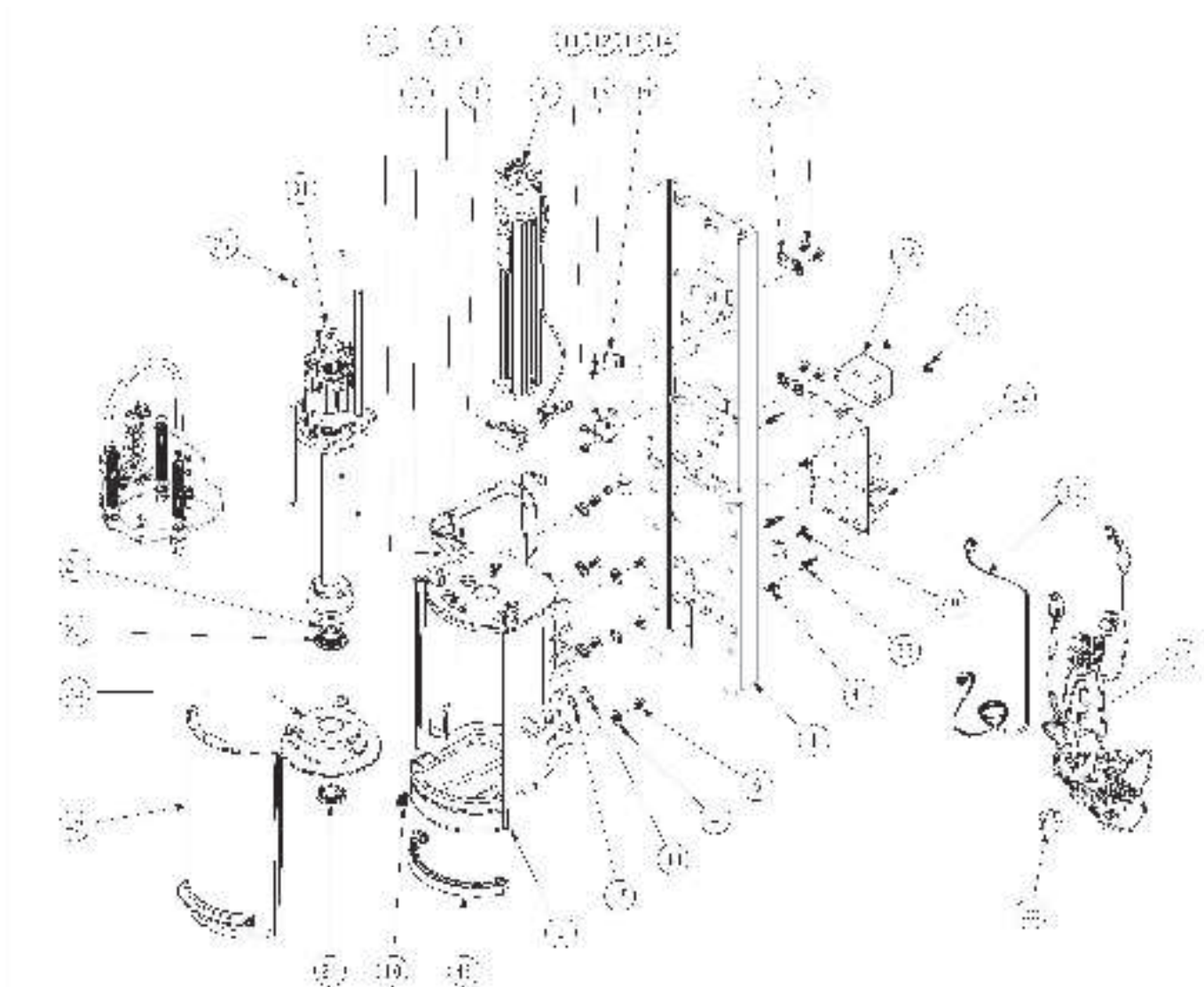
#	Part #	Description	QTY
1	1706372	DISPENSER,CUPS,ADJ,BLACK	4
2	020009852	KIT, BIC PLUS, RIGHT CUP DISPENSER ASSEMBLY	
3	020009851	KIT, BIC PLUS, LEFT CUP DISPENSER ASSEMBLY	
4	9321569	SCREW,#10-32X0.5,HX-HD-T-F	8

Door Replacement Parts



#	Part #	Description	QTY
1	020009310	GASKET WHIPCREAM SHORT BIC	
2	000-187-0022	DOOR,WHIP CREAM	
3	020008976	GASKET DOOR BIC	
4	020009860	KIT, BIC PLUS, REFRIGERATOR DOOR	
5	3237516-S	CARTRIDGE HINGE,CONCLED, 65INLB	

Blender Module



Blender Module

#	Part #	Description	QTY
1	000-BIC-01HE	BRKT,MIXER MODULE,W/ STUDS	
2	020008872	ACTUATOR SYS RAIL LINEAR	
3	020009745	FERRITE,225OHM-100MHZ,0.4" DIA	
4	9321063	WASHER, 1/4, SHAKEPROOF	10
5	020009720	SCREW, 1/4"-20 X 3/8"L, 18-8 S/S, PHILLIPS TRUSS	10
6	1708673	MODULE,BLENDER ASSY,BIC	
7	2162748	SWITCH REED N/O N/C (3-WIRE)	
8	2160033	SWITCH REED N/O (2-WIRE)	
9	9324086	SCREW,#4-24 X 5/16", Z-P-PN-HI LOW	2
10	1708718	RETAINER, SPRING, ASSY, BIC	
11	020009797	BRKT,LIMIT SWITCH,BLNDR,BIC	
12	2194807	SWITCH SNAP ACTION MINI	
13	020009207	SCREW 4-40 SOCKET HD SS	2
14	9324157	NUT,4-40,ZINC,NYLOC	2
15	00201803	NUT HEX #8-32	9
23	3235169	BUSHING,BLEND CHAMBER	
24	3235170	O-RING,BUSHING,BLEND CHAMBER	
25	1708739	COVER,CUP,TALL,BIC	
26	3235168	BUSHING,CUP COVER	
27	3239682	CUP COVER GUIDE ROD	3
31	020008343	MIXER TR-BIC GEN-3 UGS 120/50-60/1	
32	2196069	RELAY,24DC COIL,DPDT	
33	9324163	SPACER, PCB, SNAP IN, 3/8"	4
34	2195363	CONTROL,BLENDER,BIC(HSM)	
35	020009569	CABLE COM RJ12 2FT	
37	020008943	HARNESS BLENDER MODULE LOWER	
38	2195684	CLAMP,EMI FERRITE,10.2MM	
39	3234390	CLAMP,LOOP,5/16,PLASTIC	3
40	9321007	SCREW 8-32 X.50 S-P-TR-M	
41	2194234	SCREW #10-32 GROUNDING	2
42	1708691	DOOR,BLENDER CHAMBER,BIC	
43	1708737	SEAL,TABLETOP BLENDER,BIC	
44	3547898	O-RING,112,ID 1/2,OD 11/16	
45	3547881	CLIP,LOCKING,1/4,PTC	

Blender Module (continued)

Open Housing

Shaft and Motor 120V/50-60Hz – 020009082

Shaft and Motor 220V/50-60Hz – 020009081

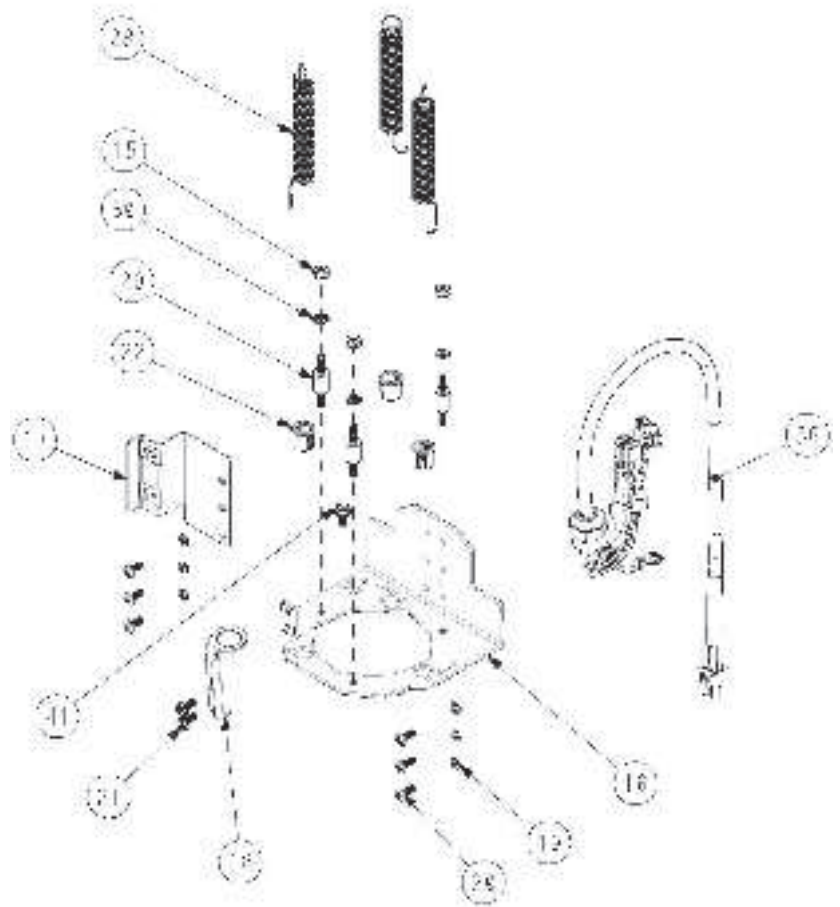
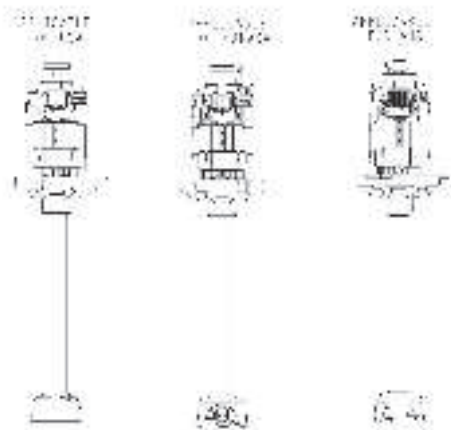
Shaft only – 020008344

Closed Housing

Shaft and Motor 120V/50-60Hz – 020009084

Shaft and Motor 220V/50-60Hz – 020009083

Shaft only – 020008345



Motor only

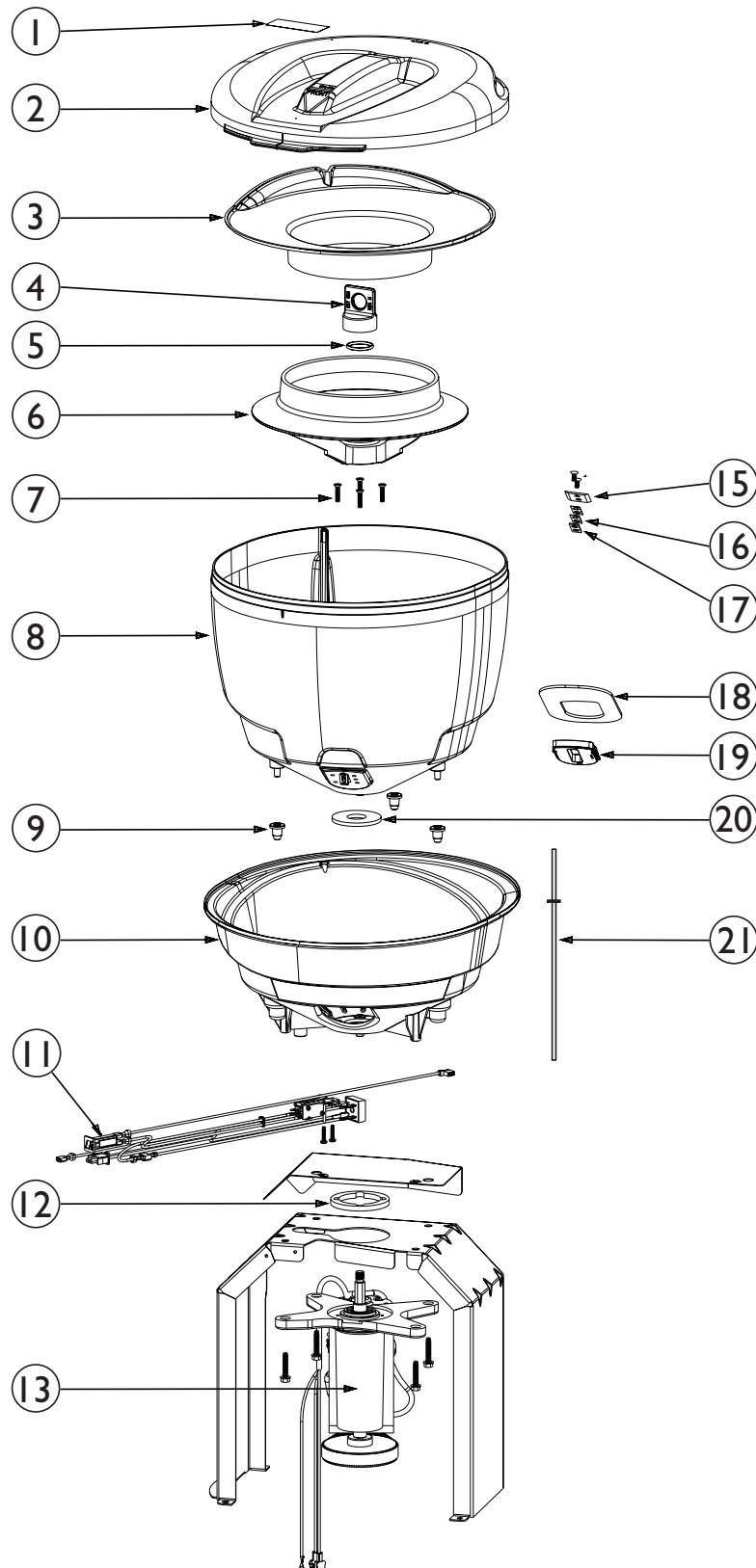
4039161 120V

3231241 220V

Blender Module (continued)

#	Part #	Description	QTY
15	00201803	NUT HEX #8-32	9
16	020009739	BRKT,MXR MTR MNT,BI	
17	020009203	BRKT HARNESS MIXER POWER	
18	020009280	BRKT STRN RLF MXR MTR CBL BIC	
19	9324155	WASHER, LOCK, M4, S/S	6
20	9324154	SCREW,M4X10 SS PH-MS	6
21	9325039	SCREW,8-32 X 3/8,SS,HEX DEVELOPMENT	2
22	9324192	BUSHING,SNAP,SBT500-6	3
28	3239795	SPRING BLENDER	3
29	9324159	MOUNT, ISOLATION	3
30	0901915	WASHER STAR #8 SS	3
36	020008945	HARNESS BLENDER MODULE UPPER	
41	2194234	SCREW #10-32 GROUNDING	2

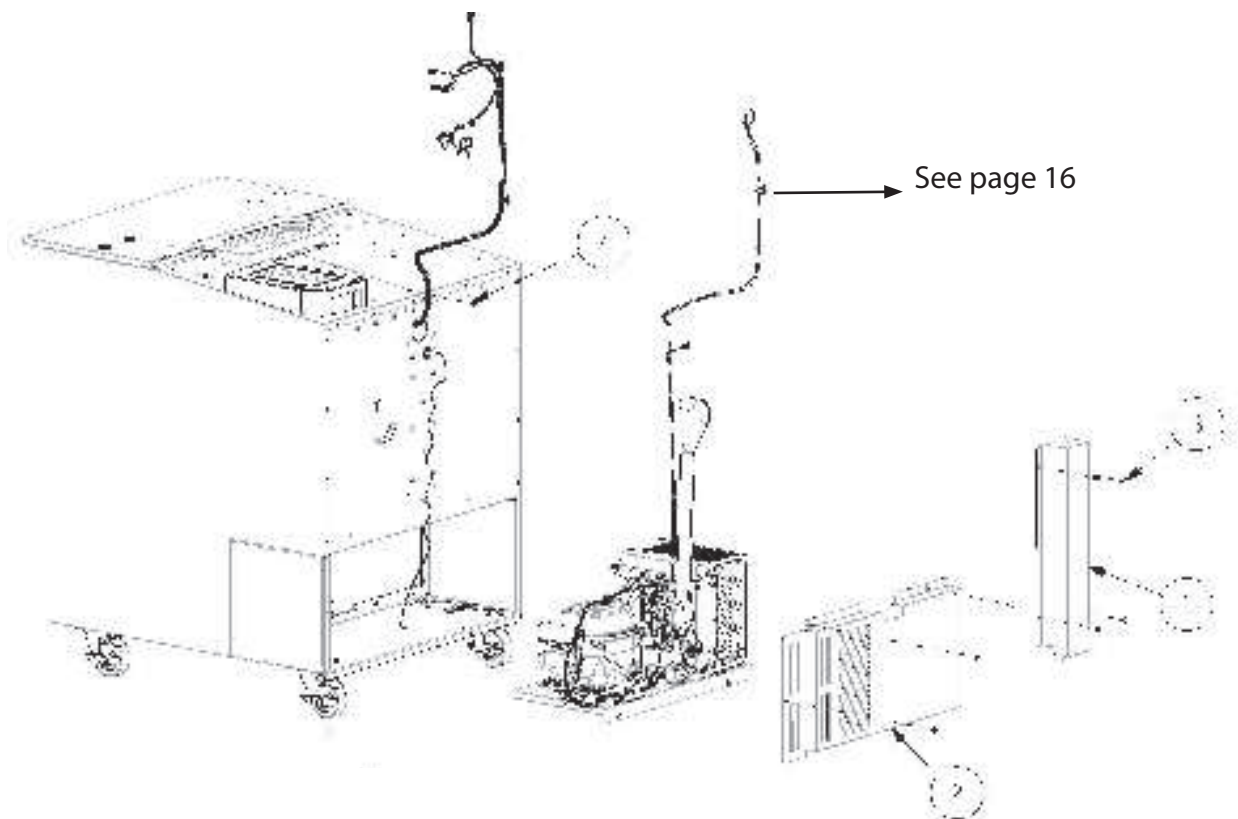
Ice Dispense Vitamix Parts



Ice Dispense Vitamix Parts

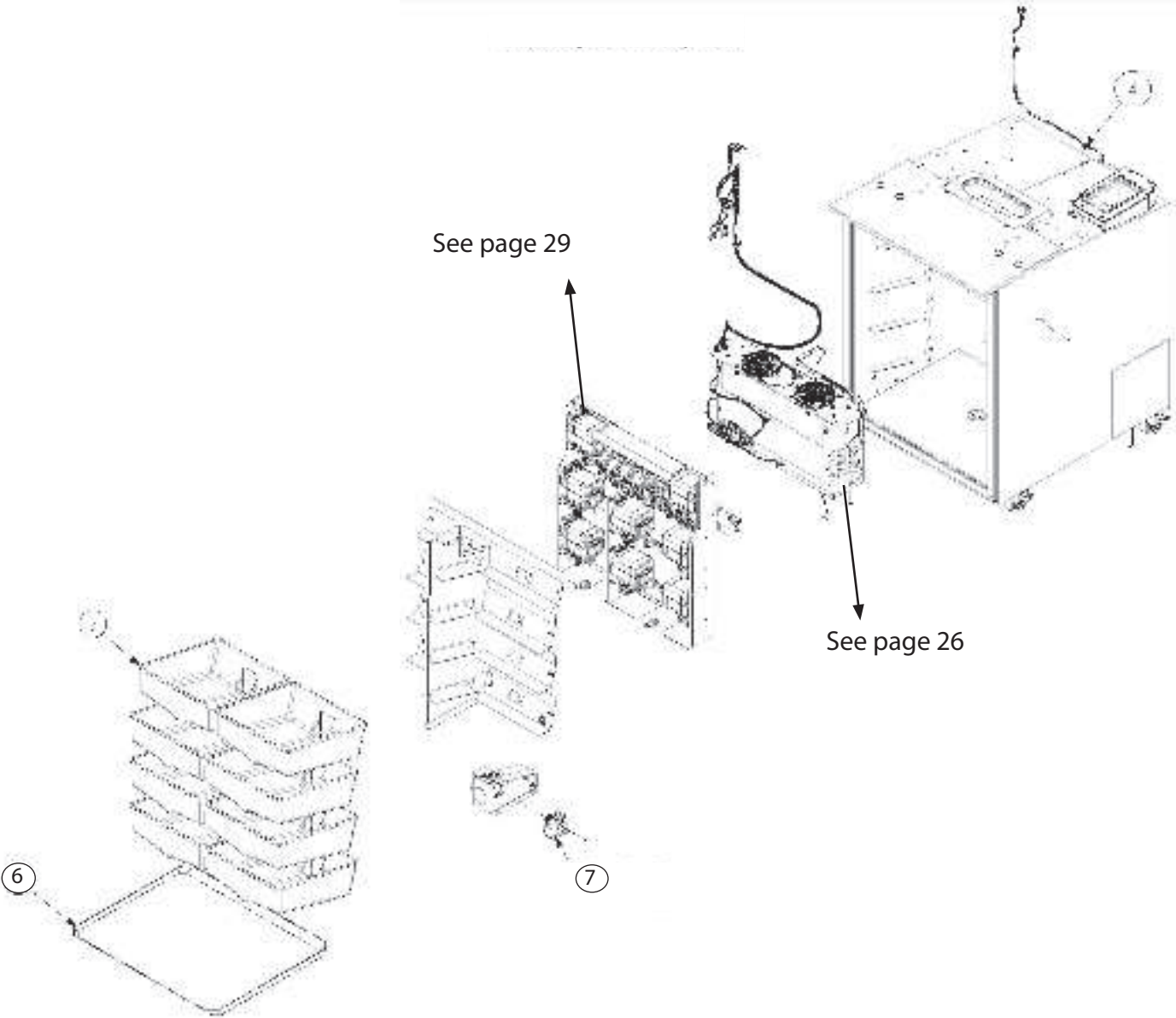
#	Part #	Description	QTY
1	N/A	ATTENTION LABEL - PBS LID	
2	VMP00133	LID, BIN, ICE	
3	VMP00106	ICE SHELF	
4	VMP00107	NUT, PADDLE	
5	N/A	PADDLE O-RING	
6	VMP00126	WHEEL, SHAVER	
7	9321810	Screw, #10-24 X 0.875" (1pc)	4
8	VMP00161	Ice Bin	
	9294400	MINIMUM ICE BIN LEVEL LABEL	
9	VMP00109	Grommet, Ice Bin	3
10	VMP00162	Condensation Bowl	
11	VMP00113	Safety Switch (RECTIFIER, 3 AMP BREAKER)	
		VMP00146 – Safety Switch (230V units)	
12	VMP00100	PEDESTAL SEAL GASKET	
13	VMP00174	BLOCK, PILLOW W PULLEY, LONG SHAFT	
15	VMP00125	BLADE, SHAVER, KIT (1 BLADE, 2 SCREWS, 1 THICK & 2 THIN SHIMS)	
		MUST REUSE OLD SHIMS, 2 THICK (.056) & 1 THIN (#7)	
16	VMP00149	SHIM, THIN (.007)	2
17	N/A	SHIM, THICK (0.056)	
18	VMP00158	GASKET, ICE BOWL	
19	VMP00108	Cartridge, Ice Chute	
20	3434865	GASKET ICE SHAVER	
21	VMP00134	ROD, PUSH INTERLOCK, SAFETY	
22	VMP00175	HALL EFFECT SENSOR	
23	VMP00172	SHAVER MOTOR W PULLEY/MAGNET 120V	
	VMP00173	SHAVER MOTOR W PULLEY/MAGNET 220V	
24	VMP00123	SHAVER DRIVE BELT	

Refrigerated Cabinet



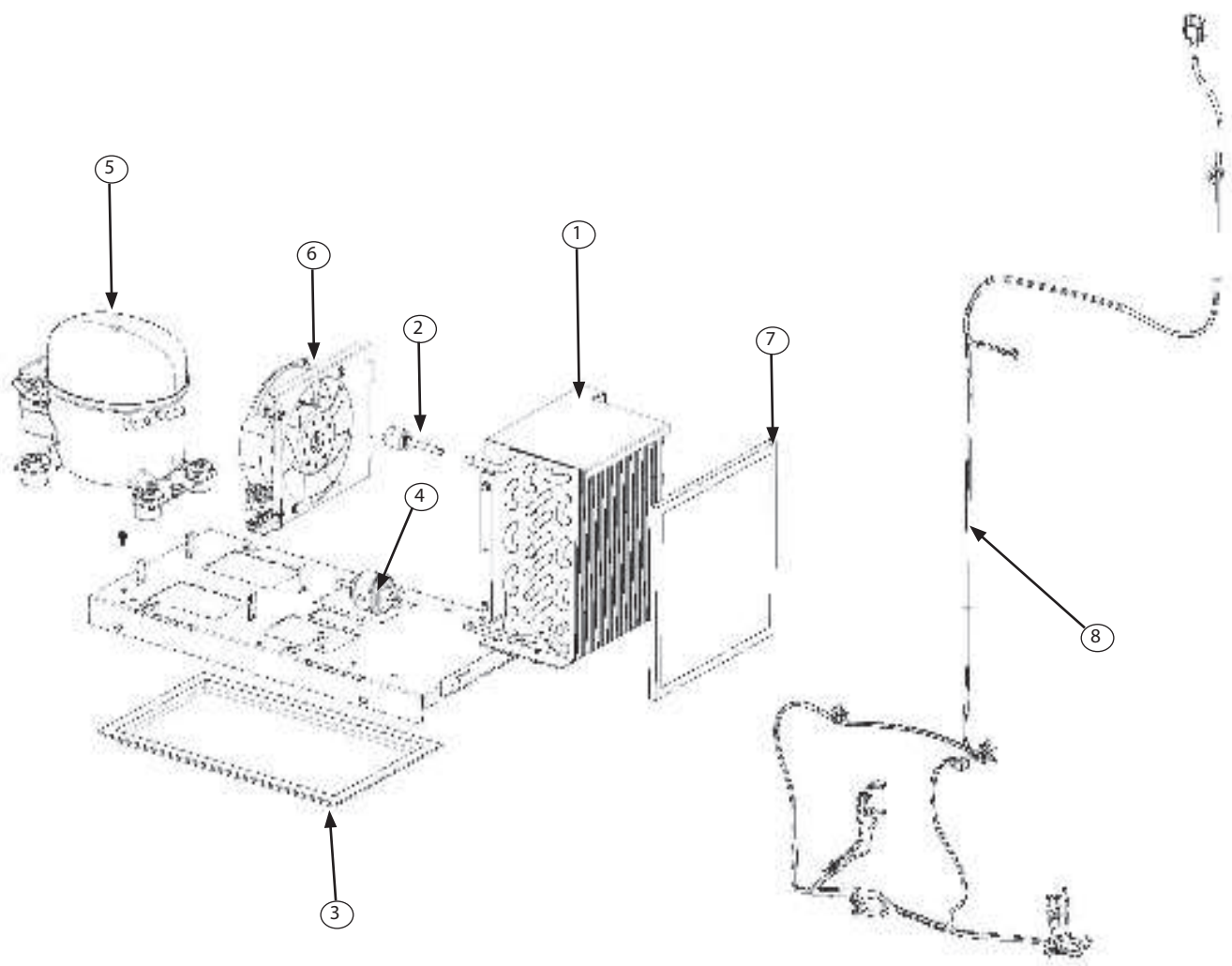
#	Part #	Description	QTY	Note
1	020008986	ENCL DRAIN ELEC PLUMB		
2	020008985	COVER,REFRIG,TUBE AND WIRE, BIC		
3	9321114	SCREW,#10-32X0.375,LOCK WASH	9	
4	2194234	SCREW #10-32 GROUNDING	2	

Refrigerated Cabinet



#	Part #	Description	QTY	Note
5	1706268	BIN,PRODUCT,HORZ, INJECTION MOLDED	8	
6	1703020	PAN,PRODUCT,DRIP,MCD		
7	3547785	REGULATOR PRESSURE CO2/AIR		
	3547903	CLIP,LOCKING,1/4,REG		
	3547904	CLIP,LOCKING,3/8,REG		

Condenser



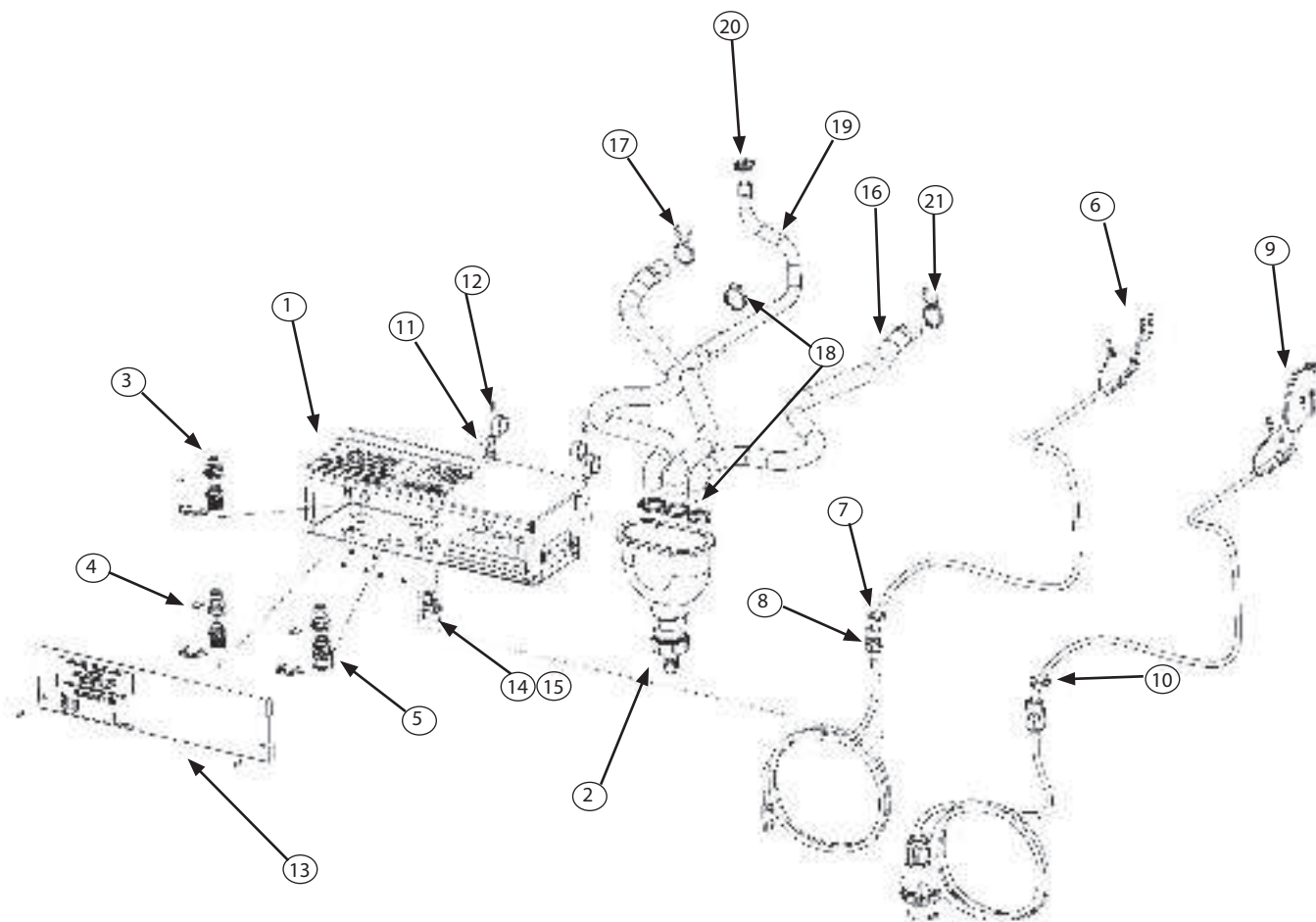
Condenser

#	Part #	Description (120V/60HZ)	QTY	Note (220V/50HZ)
1	020009855	KIT, BIC PLUS, CONDENSER COIL		
2	000013577	SWITCH PRESSURE HPC NC 350/250 PS80		
3	1703015	PAN,CONDENSATE,SMALL		
4	3516352	DRIER,1.5IN3,DML,(2)IN 1/4,OUT 0.110"		
5	020009853	KIT, BIC PLUS, COMPRESSOR	4	3526988 COMPRESSOR,1/5HP,220/50,R290,102H4489 3516465 RELAY,STARTING,117U7004 3516451 CAPACITOR,STARTING,117U5014 3516443 COVER,CLIP,COMPRESSOR,117U1021 2160029 FAN,AXIAL,5.5",230V
6	020009854	KIT, BIC PLUS, COMPRESSOR FAN		
7	3239693	FILTER,BIC,BASE,9.00 X 9.00		
8	020008944	HARNESS COND UNIT BIC		

Note:

*The US 115V Compressor parts are not sold seperately. You must purchase a complete compressor.

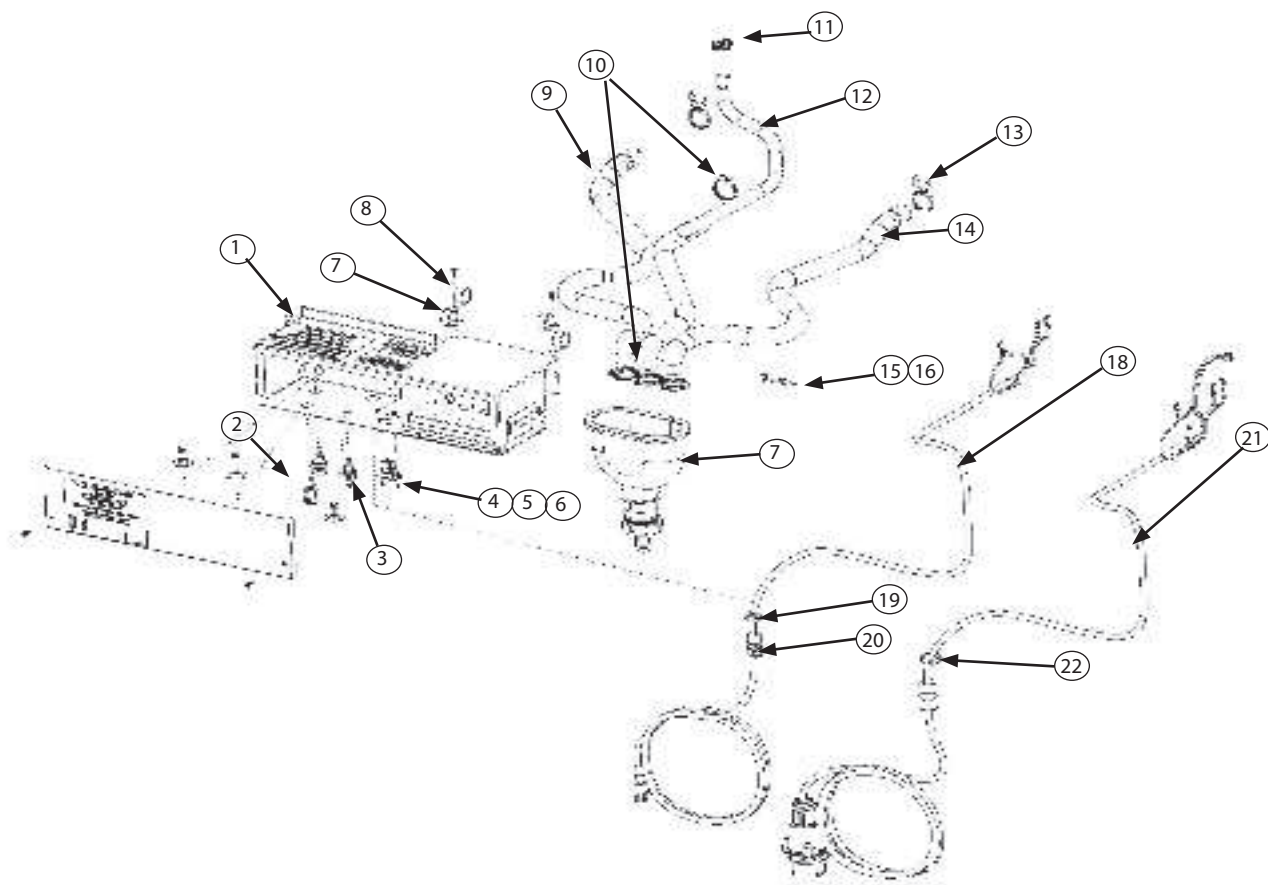
Drain with RPE Fittings



Drain with RPE Fittings Parts

#	Part #	Description	QTY	Note
1	020009856	KIT, BIC PLUS, DRAIN ENCLOSURE US/CAN		US/CAN Only
	020009867	KIT, BIC PLUS, DRAIN ENCLOSURE AUS		Australia Only
2	1708934	SINK,OVAL CUP,WITH SPIGOT ADAPTER ASSY		
3	020009863	KIT, BIC PLUS, CRAIN CONNECTOR 1/4		
4	020009861	KIT, BIC PLUS, DRAIN CONNECTOR 3/4 M		
5	020009862	KIT, BIC PLUS,DRAIN CONNECTOR 3/4 F		
6	020009085	CORD PWR BIC MF US/CA		US/CAN Only
7	2194064	LOCKNUT,CONDUIT,1/2		US/CAN Only
8	MCP00155	STRAIN RELIEF, HUBBELL#SEC50GA		
9	020009086	CORD PWR BIC MF AUS		Australia Only
10	2195063	LOCKNUT,CONNECTOR #31622007LPK50		
11	2195689	LOOP, HARNESS HOLDER	4	
12	9321355	SCREW,#10-32X0.50,S-P-	2	
13	020009857	KIT, BIC PLUS, DRAIN PANEL		
14	020008334	ADAPTER RJ45 FEM TO FEM		
15	9324157	NUT,4-40,ZINC,NYLOC	2	
16	020009190	TUBE DIPPED LT DRAIN BIC MF IOB		
17	020009191	TUBE DIPPED RT DRAIN BIC MF IOB		
18	WBL-96-077	CLAMP,WORM,HOSE,.9375 IN THRU 1.5 IN DIA		
19	020009192	TUBE DIPPED CTR DRAIN BIC MF		
20	3235563	CLAMP,HOSE,9/16"-1 1/16"		
21	3235159	CLAMP, DRAIN HOSE BIC MF		

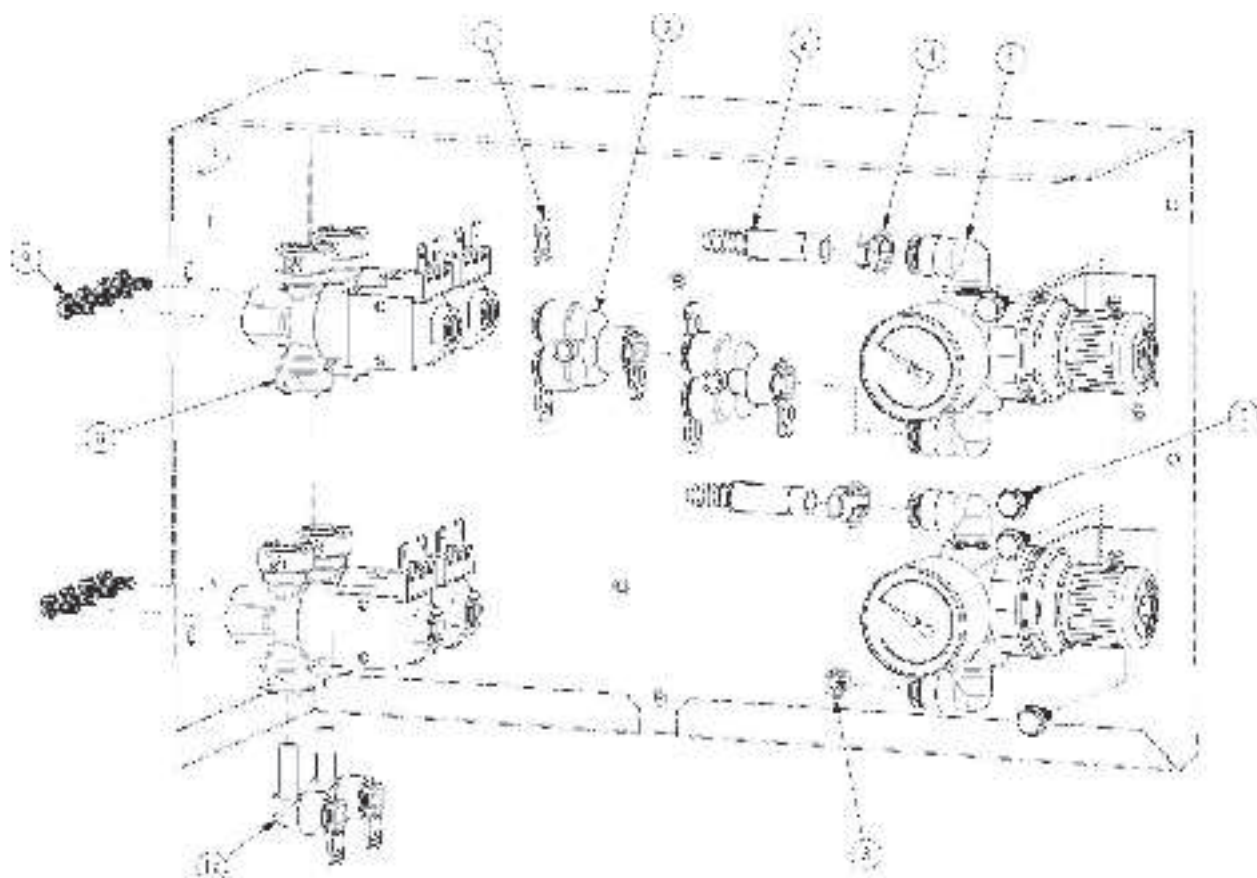
Drain with CPC Fittings



Drain with CPC Fittings Parts

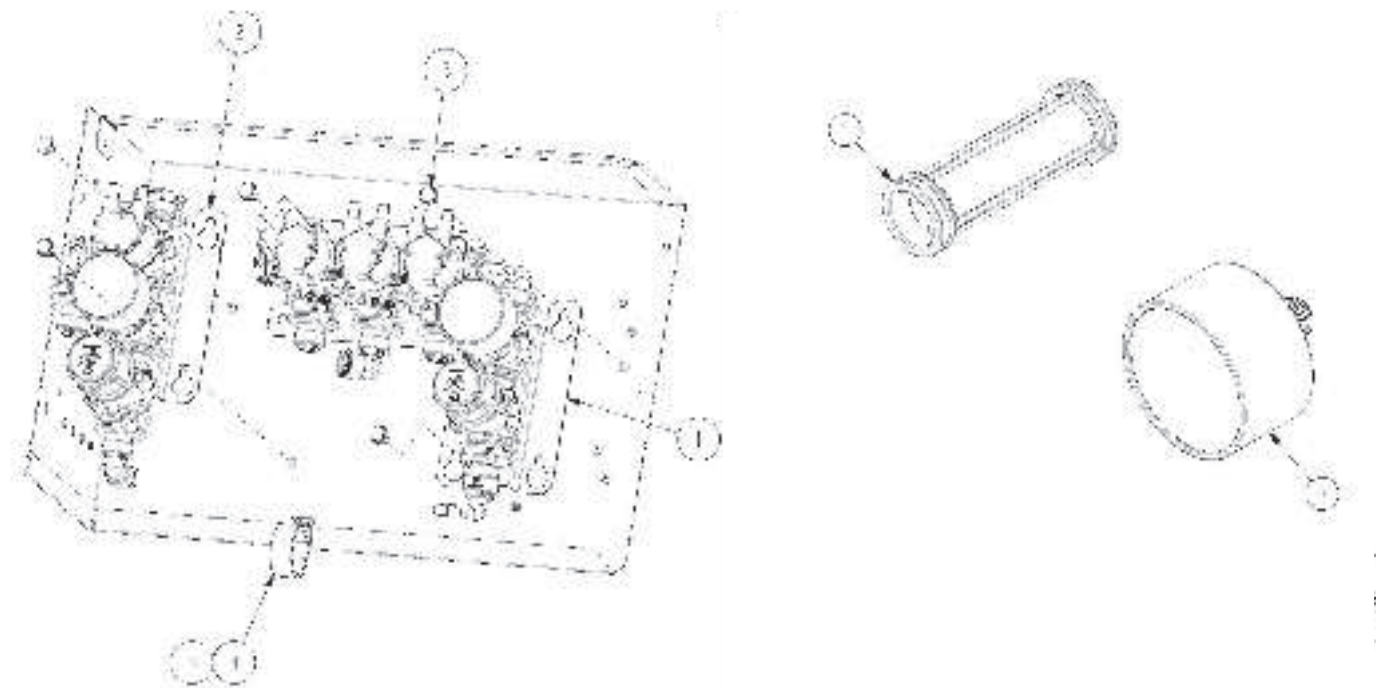
#	Part #	Description	QTY	Note
1	020009857	KIT, BIC PLUS, DRAIN PANEL		
2	020009865	KIT, BIC PLUS, DRAIN CONNECTOR 1/4 F CPC	2	
3	020009866	KIT, BIC PLUS, DRAIN CONNECTOR 1/4 M CPC		
4	020008334	ADAPTER RJ45 FEM TO FEM		
5	9324157	NUT,4-40,ZINC,NYLOC	2	
6	020009864	KIT, BIC PLUS, DRAIN ENCLOSURE CPC US/CAN		US/Canada Only
	020009868	KIT, BIC PLUS, DRAIN ENCLOSURE CPC AUS		Australia Only
7	2195689	LOOP, HARNESS HOLDER	4	
8	9321355	SCREW,#10-32X0.50,S-P-	2	
9	020009191	TUBE DIPPED RT DRAIN BIC MF IOB		
10	WBL-96-077	CLAMP,WORM,HOSE,.9375 IN THRU 1.5 IN DIA	4	
11	3235563	CLAMP,HOSE,9/16"-1 1/16"		
12	020009192	TUBE DIPPED CTR DRAIN BIC MF		
13	3235159	CLAMP, DRAIN HOSE BIC MF	2	
14	020009190	TUBE DIPPED LT DRAIN BIC MF IOB		
15	10.5-505R	CLAMP STEPLESS SS	4	
16	3547832	FITTING,1/4" STEM PTC TO 1/4" BARBED		
17	1708934	SINK,OVAL CUP,WITH SPIGOT ADAPTER ASSY		
18	020009085	CORD PWR BIC MF US/CA		US/Canada Only
19	2194064	LOCKNUT,CONDUIT,1/2		
20	MCP00155	STRAIN RELIEF, HUBBELL#SEC50GA		
21	020009086	CORD PWR BIC MF AUS		Australia Only
22	2195063	LOCKNUT,CONNECTOR #31622007LPK50		Australia Only

Plumbing with IMI



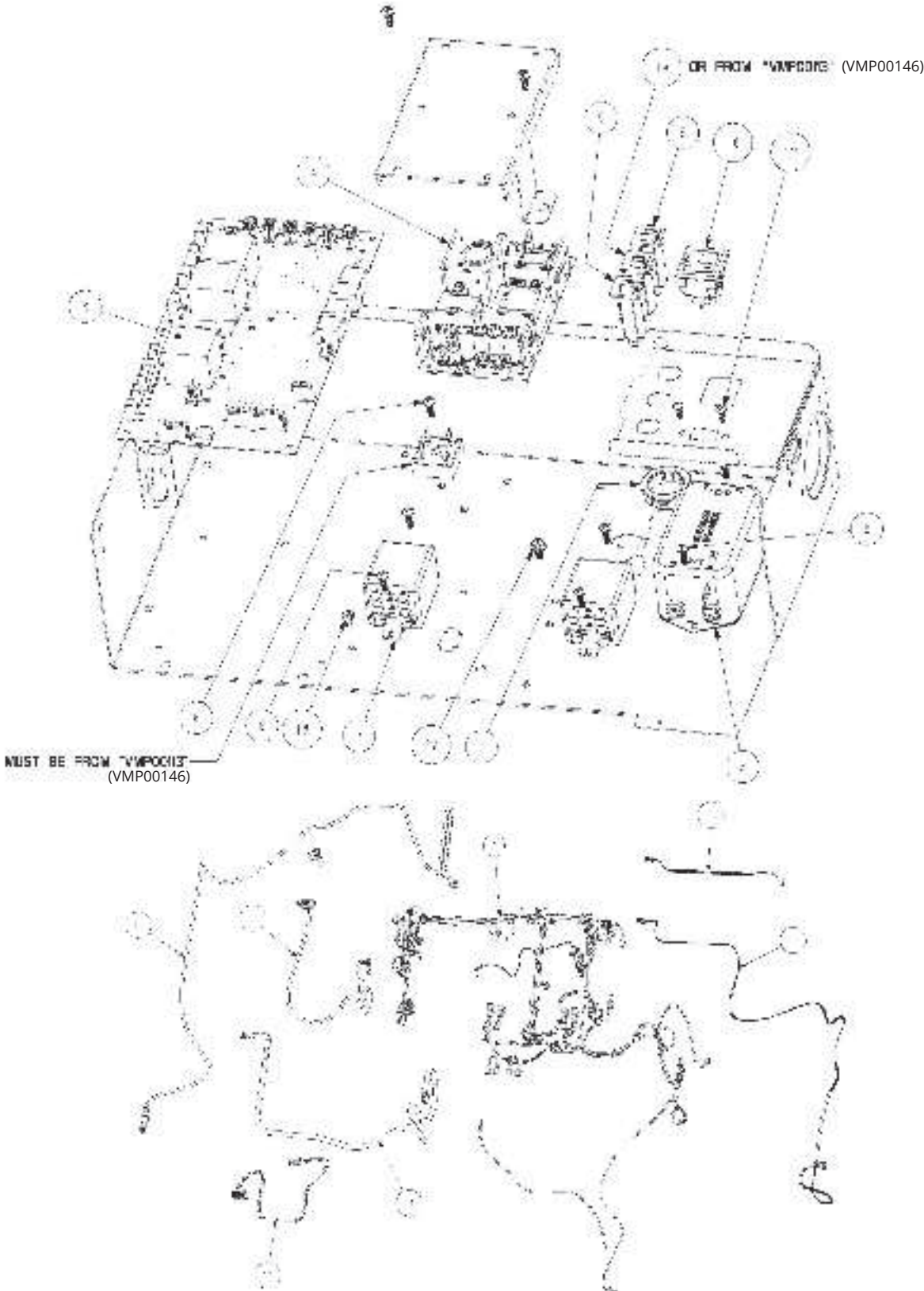
#	Part #	Description	QTY
1	3547784	REGULATOR PRESSURE WATER	2
2	3548024	STEM,3/8OD X 1/4BARB, PARKER LEGRIS	2
3	3547903	CLIP,LOCKING,1/4,REG	2
4	3547904	CLIP,LOCKING,3/8,REG	2
5	9321569	SCREW #10-32 X 0.5 HX-HD-T-F	4
6	3237378	FITTING 1/4 PTC WYE	2
7	3547881	CLIP,LOCKING,1/4,PTC	16
8	3547923	VALVE,N/C,H2O,S/S,24VDC,1/4 PTC	4
9	9325039	SCREW,8-32 X 3/8,SS,HEX DEVELOPMENT	8
10	3547860	ELBOW 1/4 PTC X 1/4 STEM	2

Plumbing with RPE



#	Part #	Description	QTY
1	000-BIC-01GC-S	ASSY MNFLD PLAIN BIC MF	
2	000-BIC-01GD-S	ASSY MNFLD CHILLED BIC MF	
3	9321114	SCREW,#10-32X0.375,LOCK WASH	5
4	2195689	LOOP, HARNESS HOLDER	
5	9321355	SCREW,#10-32X0.50,S-P-	
#	Part #	Description	QTY
1	020009746	FILTER INSERT UNV SERIE 49 MESH BLUE	2
2	020009273	GAUGE 0-100 PSI/BAR 1/8" NPT SS	2

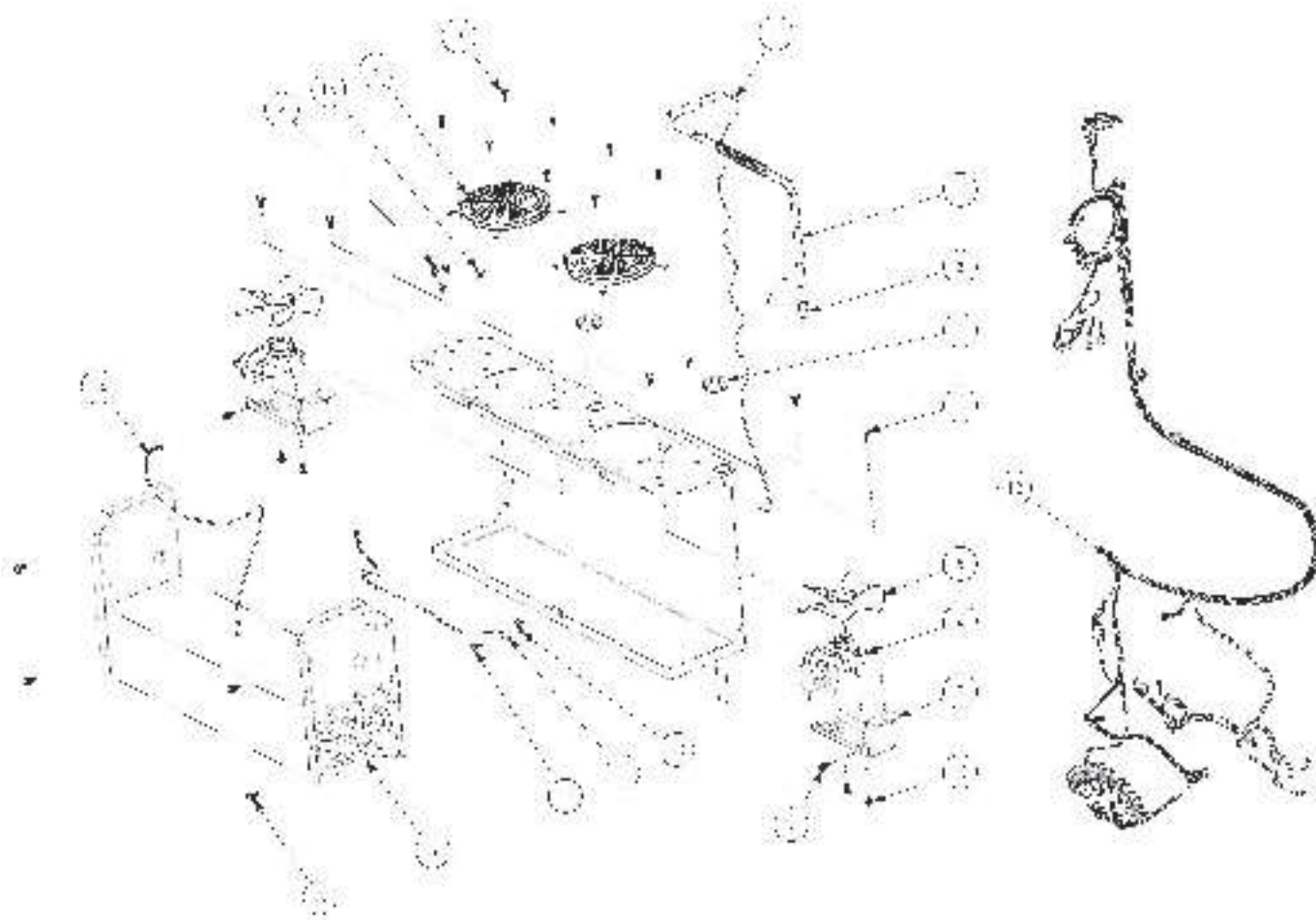
Electrical



Electrical Parts

#	Part #	Description	QTY	Note
1	9321341	BUSHING, SB125, SNAP		
2	020008942	HARNESS MAIN BIC MF		
3	2195346	BOARD,SRB,BIC,GEN2		
4	2195559	PWR SUPPLY, 24 VDC, 4.6A / 6.3A		
5	2195311	FILTER SCHAFFNER FN2060-20-06		
6	9321155	SCREW,#8-32X.50,S-P-TR-T	7	
7	2196069	RELAY,24DC COIL,DPDT	2	
8	020008407	BREAKER RESET 4A		US/Canada Only
9	2198342	BREAKER,RESET,BIC,10A		Australia Only
10	2194400	SWITCH,ROCKER,20A,6000		
11	2187129	USB,FEMALE PNL MNT,CABLE,3FT,90DEG		
12	9324088	SCREW,#8-18 X 3/8", Z-P-PN-HI LOW	2	
13	2186959	HARNESS LID BIC MAN FILL		
14	020008991	HARNESS COMMON CONTROLLER TO SRB		
15	020009569	CABLE COM RJ12 2FT		
16	020009297	CABLE COM RJ12 7FT		
17	020008339	CABLE CAT 5 UTP 2 METER		
18	5011936	SCR 8-32 X 1/2 GRND ZINC		
19	2195302	BREAKER,RESETABLE,3A		US/Canada Only
	020009531	BREAKER RESET 2A		Australia Only
20	2194234	SCREW #10-32 GROUNDING		

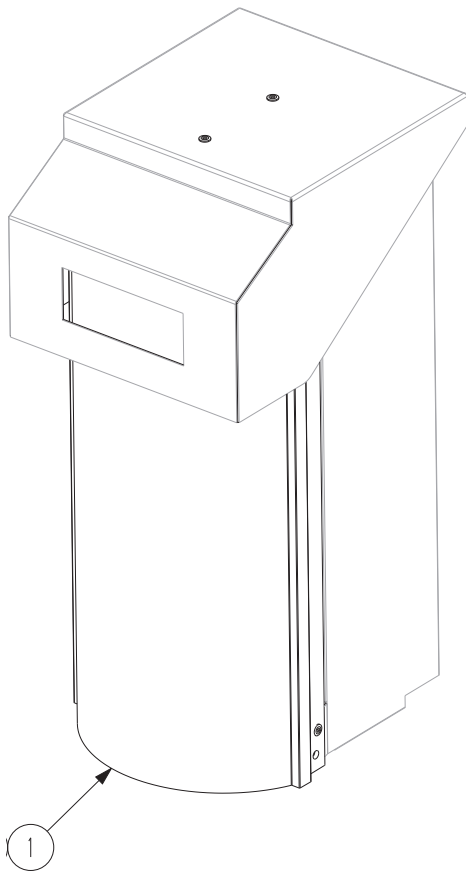
EVAP Assembly



EVAP Assembly

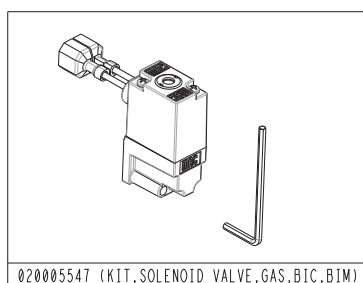
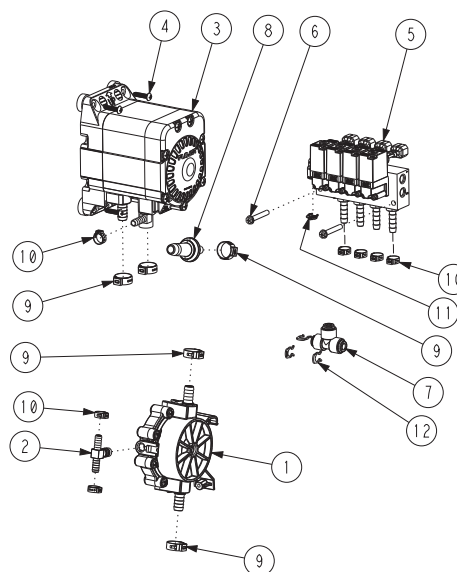
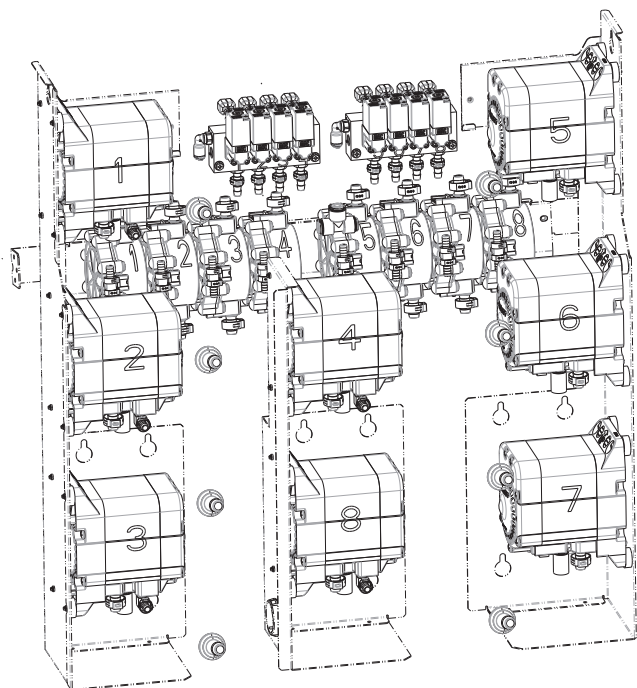
#	Part #	Description 120V/60HZ	QTY	Note (220V/50HZ)
1	3235162	GROMMET,9/16,PASS THRU	2	
2	020000258	BUSHING SPLIT 0.875 HOLE (0.670 ID)		
3	020009199	BRACKET FAN EVAP	2	
4	020009850	KIT, BIC PLUS, EVAP FAN ASSEMBLY		US/Canada Only
	020009870	KIT, BIC PLUS, EVAP FAN ASSEMBLY AUS		Australia Only
5	3517383	BLADE,FAN 4.5IN,CW,28DEG	2	
6	2160022	GUARD,FAN,4.5" EVAP	2	
7	2194234	SCREW #10-32 GROUNDING	2	
8	3517382	COIL,EVAPORATOR,SMOOTHIE		
9	3547377	COUPLING 3/8 X 3/8 NIBCO#W-1009		
10	020009087	TUBE SUCTION 3/8 OD BIC		
11	3547588	TUBING,CAP, .036IDX.086OD,2500	120 in.	
12	020008946	HARNESS,EVAP,DISP,H2O,FAN,THERM		
13	2194257	CLAMP,CABLE,1/8",NYLON		
14	020008492	PROBE TEMP 5K NTC THERMISTOR	2	
15	9321353	SCREW,#10X.50,S-H-HW-TEK	4	
16	9321247	SCREW,#10-32X.37,Z-H-HW-	4	
17	9321569	SCREW #10-32 X 0.5 HX-HD-T-F	8	
18	9321266	SCREW,#8-32 X .50,S-P- PN-F	8	
19	9321355	SCREW,#10-32X0.50,S-P-		

Accessories



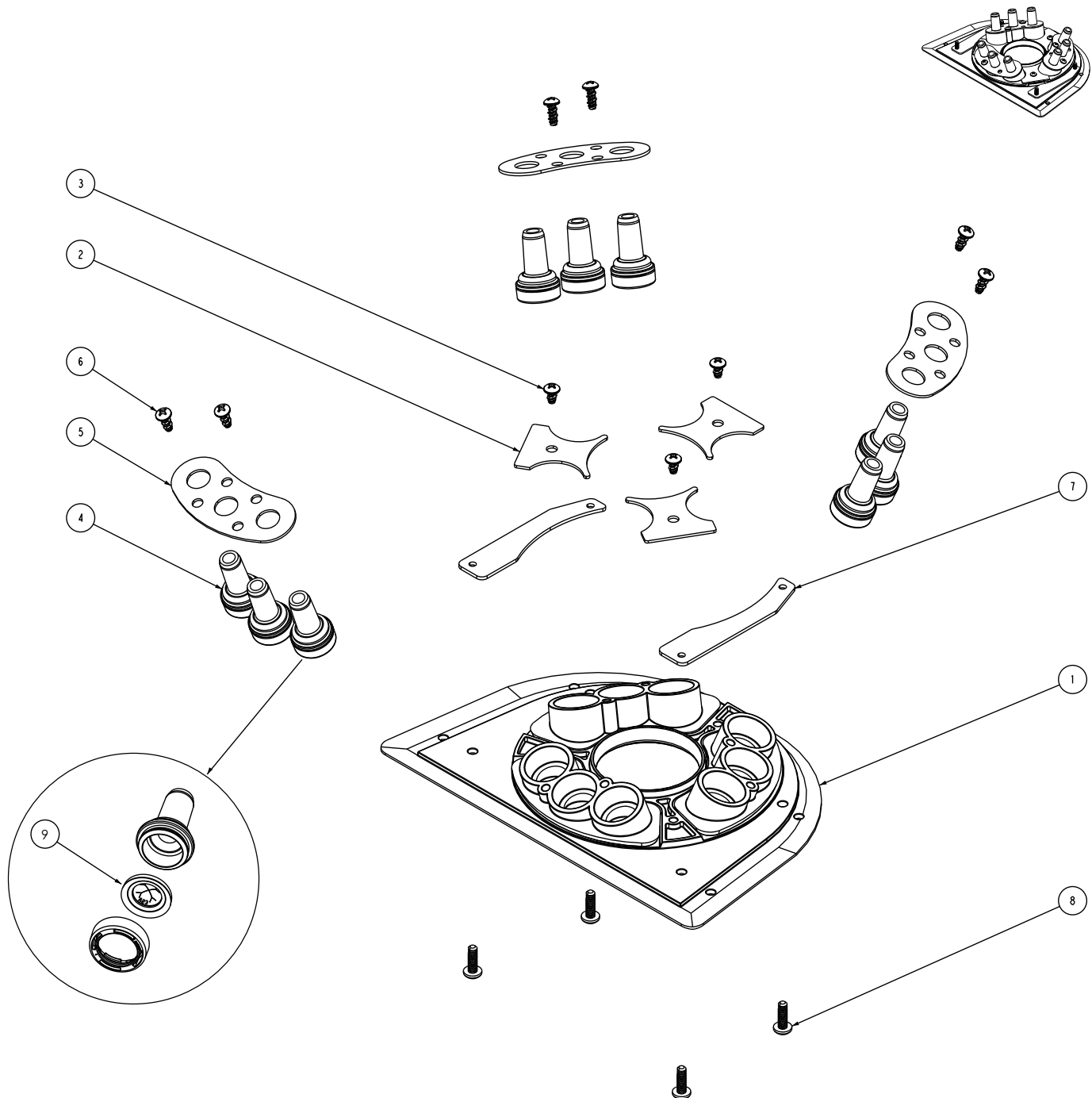
#	Part #	Description	QTY
1	000-BIC-01GB-S	ASSY FRONT FASCIA BIC MF	

Pumps and Solenoids



#	Part #	Description	QTY
1	3239690	VALVE,EXP,PRODUCT,BVRAGE	8
2	1520-000	FTG PMP CO2 W/SHUTOFF 1/4 TEE BRS FLOJET	8
3	3239675	PUMP,FLOJET,NSF,NO ASO	8
4	9324104	SCREW,#8-32 X 3/4", S-P-PN-F	32
5	020008113	SOLENOID SEALED 4 POS LG EXHAUST	2
6	5011953	SCR 10-24X1-1/4 SELF TAP	4
7	WBL-96-066	FITTING,TEE,1/4 IN PTC,PLASTIC	
8	3547897	FITTING,PRODUCT/PUMP, TAPERED	8
9	17.0-706R	CLAMP STEPLESS SS	40
10	10.5-505R	CLAMP STEPLESS SS	32
11	3547903	CLIP,LOCKING,1/4,REG	2
12	3547881	CLIP,LOCKING,1/4,PTC	3
13	020005547	KIT SOLENOID VALVE GAS BIC BIM	8

Dispense Head



Dispense Head

#	Part #	Description	QTY
	000-BIC-006A-S	DISPENSE PLATE ASSEMBLED	
1	1708695	DISPENSE PLATE ONLY	1
2	372-CCQ-0032-S	PLATE, NOZZLE, BLOCK, BIC	3
3	9324087	SCREW, HI LOW #8 X 0.250"	3
4	1706172	VALVE, DISPENSE OUTLET, LMS	9
5	372-CCQ-00P-S	BRACKET, DISP, HEAD, BIC	3
6	9324087	SCREW, HI LOW #8 X 0.375"	6
7	270-CCQ-0034-S	PLATE, LMS RETAINER, BIC	2
8	9324088	SCREW, #8-32 X .50, S-P-PN-F	4
9	1708542	LMS VALVE ONLY	9
	15.7-706R	OETIKER 15.7 FOR LMS VALVE	