

NO.	71233
ISSUED:	May 23, 2005
REVISED:	July 11, 2005



**HOSHIZAKI
MODULAR FLAKER**



**MODEL
FS-1001MLH/-C**

PARTS LIST

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Auxiliary Codes

FS-1001MLH Q-0 xxxx 2005

FS-1001MLH-C P-0 July 2004
 Q-0 July 2005

Note About Ordering Parts

Most assemblies cannot be ordered as complete units; parts in the assemblies generally must be ordered separately.

Material Abbreviations

ALUMINUM

AL = Aluminum

COPPER

CU = Copper

PLASTIC

ABS = Acrylonitrile -butadiene - styrene
AC = Polyacetal
EVA = Ethylene vinyl acetate
PA = Polyamide = Nylon
PC = Polycarbonate
PE = Polyethylene
PES = Polyester
PETP = Polyethylene terephthalate = Tetlon
PP = Polypropylene
PS = Polystyrene
PTFE = Polytetrafluoroethylene = Teflon
PUR = Polyurethane
PVC = Polyvinyl chloride

RUBBER

VN = Vinyl Nitrile
EPDM = EP rubber
NBR = Nitrile butadiene rubber
NR = Natural rubber
NP = Neoprene
SI.R = Silicone rubber
SY.R = Synthetic rubber
EPH = Epichlorohydrin

STEEL

GS = Galvanized steel
SS = Stainless steel
PS = Plated steel
PAS = Primed steel

AUXILIARY CODE

K-0

└─ Designates the year. "K" indicates the year 2000. Years progress or regress in alphabetical order.
 └─ "J" is 1999, "L" is 2001, "M" is 2002, and so on. The letters "I" and "O" were skipped.
 └─ Designates significant part changes within the same year for this model. Base is 0 and this number advances for each change.

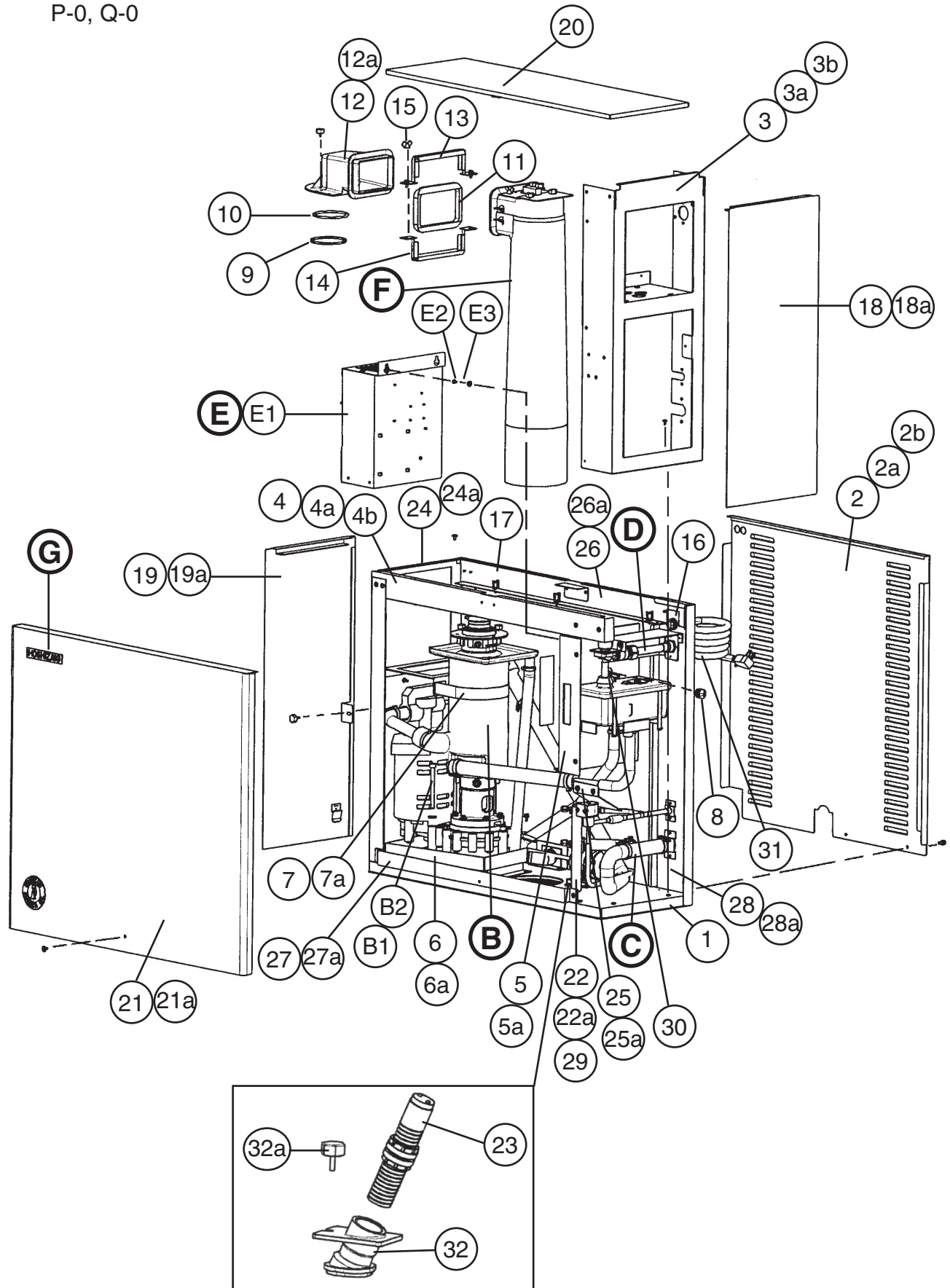
Example: P-1

└─ "P" indicates 2004.
 └─ "1" indicates the first significant part change for 2004.

A. Ice Flaker Assembly

FS-1001MLH/-C

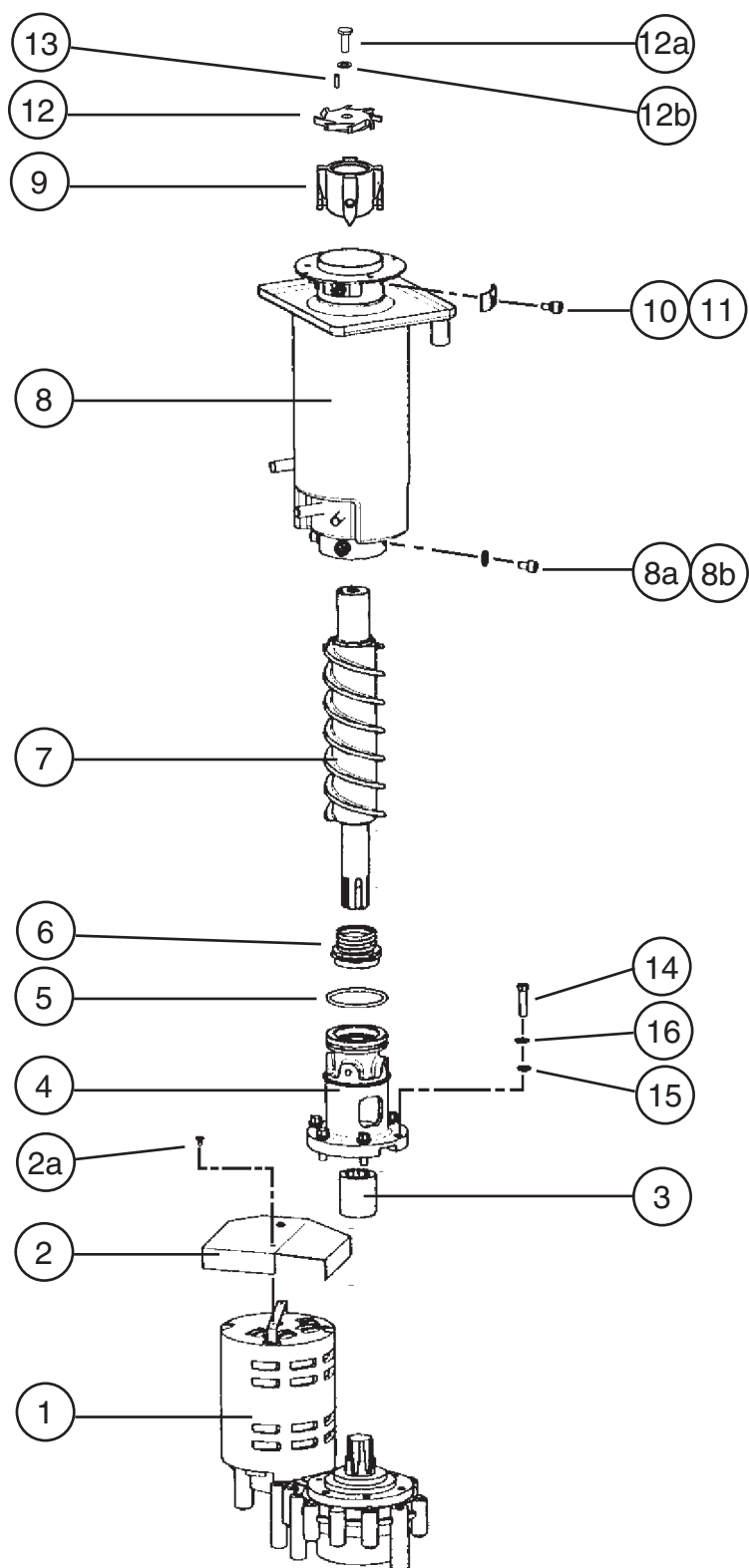
P-0, Q-0



Title: A. Ice Flaker Assembly Model: FS-1001MLH-C												
Index No.	Description	Material or Model Number	Part Number	Required Number								
				P-0 Q-0								
B	Ice Making Unit	FS-1001MLH	3A3157A02	1								
		FS-1001MLH-C	3A3157A01	1								
B1	Socket Hex Head Bolt	8x90 SS	7S12-0890	3								
B2	Split Lock Washer	M8 SS	7L22-0800	3								
C	Refrigeration Unit		1A0947A01	1								
D	Water Circuit		2A3137A01	1								
E	Control Box Assembly		3A3501A01	1								
E1	Truss Head Screw	4x12 Zinc	7C31-0412	1								
E2	Flat Head Screw	4x8 SS	7C22-0408	2								
E3	Taper Collar	SS	4H0171-01	2								
F	Chute Assembly		2A1705A04	1								
G	Label Location	FS-1001MLH	2A3180A02	1								
		FS-1001MLH-C	2A3180A01	1								
1	Chassis		2A3474G01	1								
2	Rear Panel		2A3146-01	1								
2a	Truss Head Screw	4x8 SS	7C32-0408	3								
2b	Hex Head Bolt w/ Washer	5x12 SS (Lf)	7B0230512	4								
3	Side Frame (R)	GS	2A3395-01	1								
3a	FT Screw	4x8 SS	7F32-0408	4								
3b	Truss Head Screw	4x8 SS	7C32-0408	2								
4	Front Frame Assembly		3A3210G01	1								
4a	FT Screw	4x8 SS	7F32-0408	4								
4b	Truss Head Screw	4x8 SS	7C32-0408	1								
5	Bracket - Control Box		3A3383-01	1								
5a	T2 Screw	4x8 SS	7P32-0408	6								
6	Drain Pan Assembly		3A3231G01	1								
6a	Hex Head Bolt	5x10 SS (Lf)	7B0230510	2								
7	Evaporator Strap	GS	4A3431-01	1								
7a	T3 Screw	5x12 Zinc	7G31-0512	2								
8	Bushing	SR-30-1	420472-03	1								
9	Ring	PA	432661-02	1								
10	“O” Ring	G70	7616-G070	1								
11	Packing - Spout	EPDM	321037-01	1								
12	Spout	PC	104797-01	1								
12a	Thumbscrew	SS, ABS	415949G08	3								
13	Strap	SS	321038G02	1								
14	Strap	SS	328703-02	1								
15	Wing Nut	6 SS	7E12-0600	2								
16	Bushing	SR-34-2	420472-05	1								
17	Wire Saddle	VWS4238-C	4A0338-02	5								
18	Side Panel Assembly (R)		3A3328G01	1								
18a	Thumbscrew	SS, ABS	415949G10	1								
19	Side Panel Assembly (L)		3A3329G01	1								
19a	Thumbscrew	SS, ABS	415949G10	1								

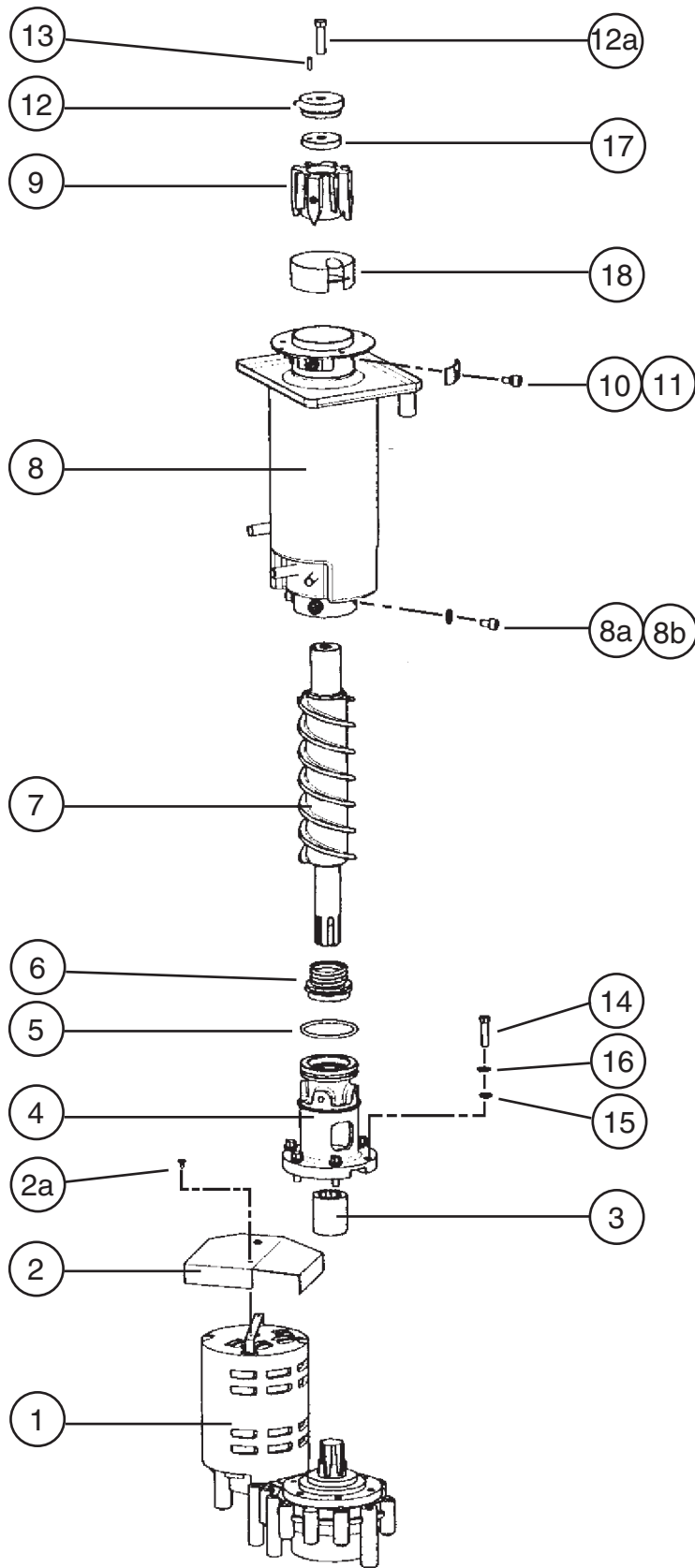
Title: A. Ice Flaker Assembly Model: FS-1001MLH/-C												
Index No.	Description	Material or Model Number	Part Number	Required Number								
				P-0 Q-0								
20	Top Panel		2A3140-01	1								
21	Front Panel	SS	2A3145-01	1								
21a	Truss Head Screw	4x8 SS	7C32-0408	1								
22	Service Valve Bracket	GS	4A3432-01	1								
22a	T2 Screw	4x8 SS	7P32-0408	2								
23	Beam Sensor		4A3773-01	1								
24	Side Frame (L)	GS	2A3139-01	1								
24a	FT Screw	4x8 SS	7F32-0408	4								
25	Solenoid Bracket		4A3665-01	1								
25a	T2 Screw	4x8 SS	7P32-0408	2								
26	Rear Frame Assembly		3A3211G01	1								
26a	FT Screw	4x8 SS	7F32-0408	4								
27	Front Bracket	GS	3A3240-01	1								
27a	T2 Screw	4x8 SS	7P32-0408	3								
28	Rear Panel Cover		2A3396-01	1								
28a	T2 Screw	4x8 SS	7P32-0408	7								
29	Hex Head Tapping Screw	1/4-20x1/2	7B0311412	2								
30	Tubing-Insulation 3/8"	3/8" L=30	8104-0003	1								
31	Power Supply Cord		4A1773-01	1								
32	Sensor Housing		3A3478-01	1								
32a	Thumbscrew		415949G10	1								

B. Ice Making Unit
FS-1001MLH
 Q-0



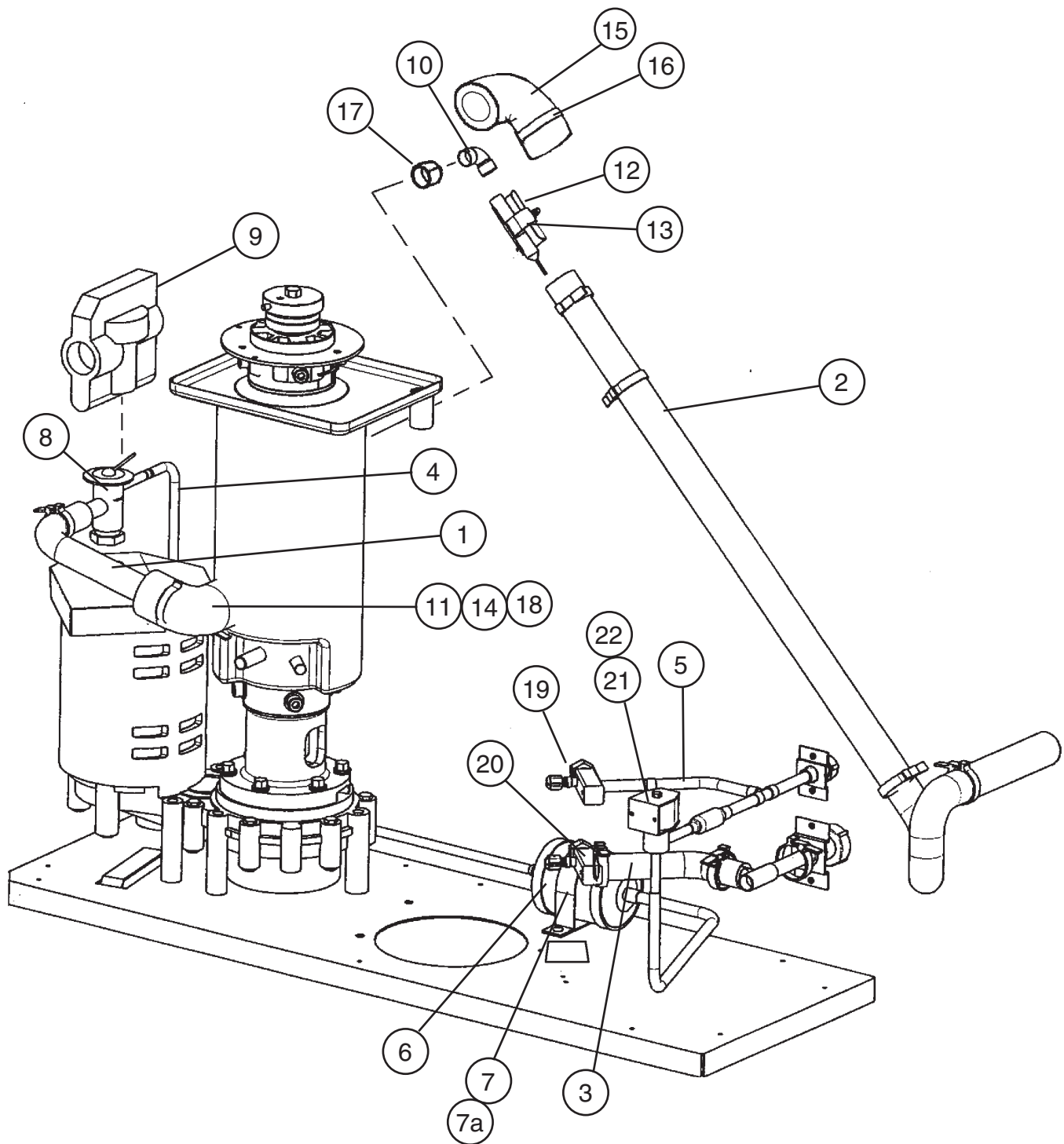
Title: B. Ice Making Unit Model: FS-1001MLH												
Index No.	Description	Material or Model Number	Part Number	Required Number								
				Q-0								
1	Gear Motor	MGZ2200UL - 150A	4A2007-01	1								
2	Barrier-Gear Motor	GS	4A3441-01	1								
2a	Truss Head Screw	4x8 SS	7C32-0408	2								
3	Coupling - Spline	SS	414137-01	1								
4	Housing	Brass	2A1977G01	1								
5	"O" Ring	G65	7616-G065	1								
6	Mechanical Seal	HK9A-MN Ø30	432492-01	1								
7	Auger - Final		2A2151G02	1								
8	Evaporator		2A1733G01	1								
8a	Socket Head Cap Screw	8x12 SS	7S12-0812	4								
8b	Split Lock Washer	M8 SS	7L22-0800	4								
9	Extruding Head 70-F	SS	3A2175G01	1								
10	Socket Head Cap Screw	8x14 SS	429121-01	4								
11	Washer	SS	427184-01	4								
12	Cutter		3A1395-02	1								
12a	Hex Head Bolt	10x30 SS	7B02-1030	1								
12b	Split Lock Washer	10 SS	7L22-1000	1								
13	Dowel Pin	4x16 SS	713S-0416	1								
14	Hex Head Bolt	8x30 SS	7B02-0830	6								
15	Flat Washer	M8 SS	7W22-0800	6								
16	Split Lock Washer	M8 SS	7L22-0800	6								

B. Ice Making Unit
FS-1001MLH-C
P-0, Q-0



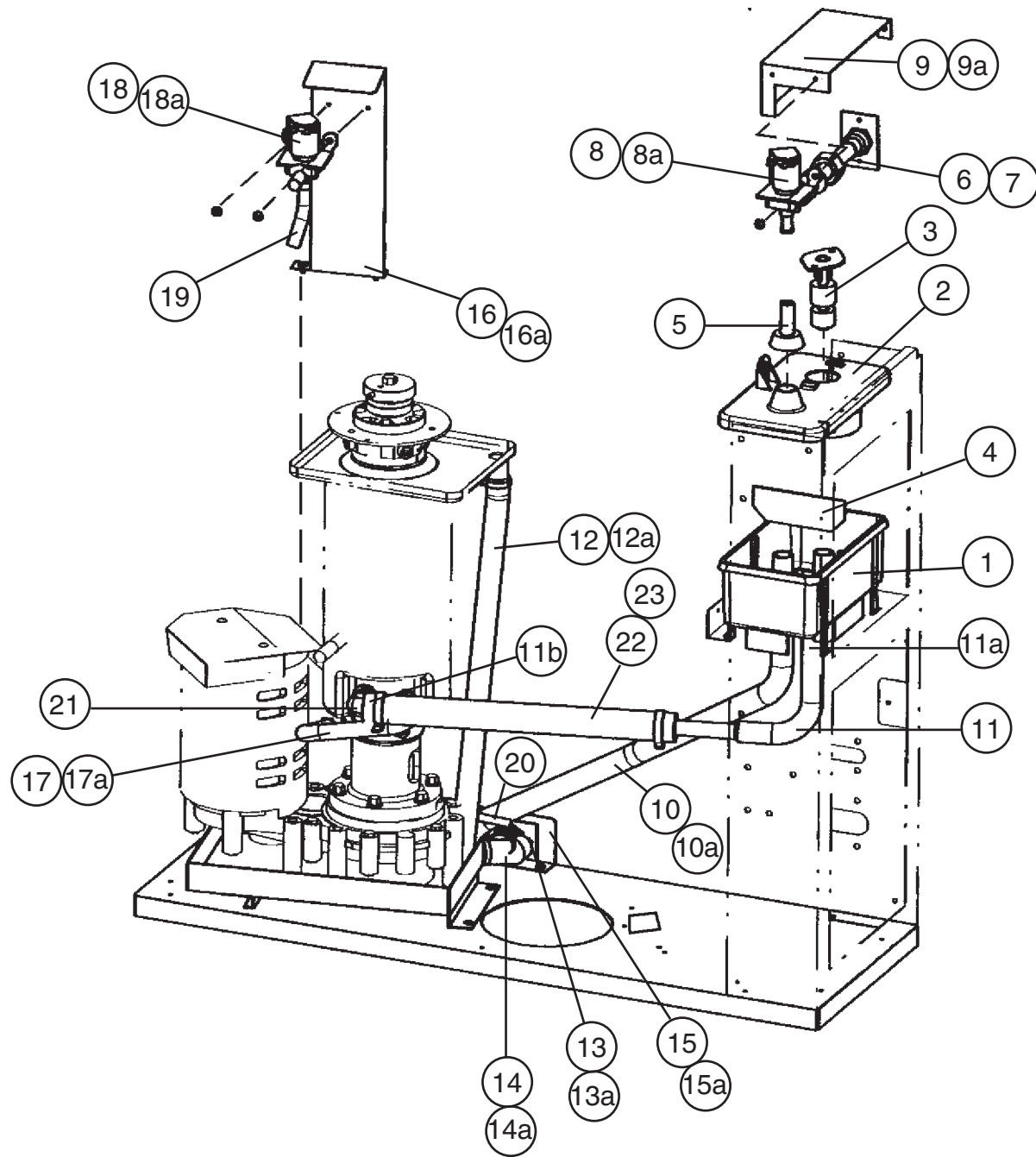
Title: B. Ice Making Unit Model: FS-1001MLH-C												
Index No.	Description	Material or Model Number	Part Number	Required Number								
				P-0 Q-0								
1	Gear Motor	MGZ2200UL - 150A	4A2007-01	1								
2	Barrier-Gear Motor	GS	4A3441-01	1								
2a	Truss Head Screw	4x8 SS	7C32-0408	2								
3	Coupling - Spline	SS	414137-01	1								
4	Housing	Brass	2A1977G01	1								
5	"O" Ring	G65	7616-G065	1								
6	Mechanical Seal	HK9A-MN Ø30	432492-01	1								
7	Auger - Final		2A2151G03	1								
8	Evaporator		2A1733G01	1								
8a	Socket Head Cap Screw	8x12 SS	7S12-0812	4								
8b	Split Lock Washer	M8 SS	7L22-0800	4								
9	Extruding Head 70-C	SS	216530G04	1								
10	Socket Head Cap Screw	8x14 SS	429121-01	4								
11	Washer	SS	427184-01	4								
12	Cutter		4A3443G02	1								
12a	Hex Head Bolt	10x40 SS	7B02-1040	1								
13	Dowel Pin	4x16 SS	713S-0416	1								
14	Hex Head Bolt	8x30 SS	7B02-0830	6								
15	Flat Washer	M8 SS	7W22-0800	6								
16	Split Lock Washer	M8 SS	7L22-0800	6								
17	Washer	SS	4A3418-01	1								
18	Heater with Spring	014101U2. MEC	4A2292-01	1								

C. Refrigeration Unit
FS-1001MLH/-C
P-0, Q-0



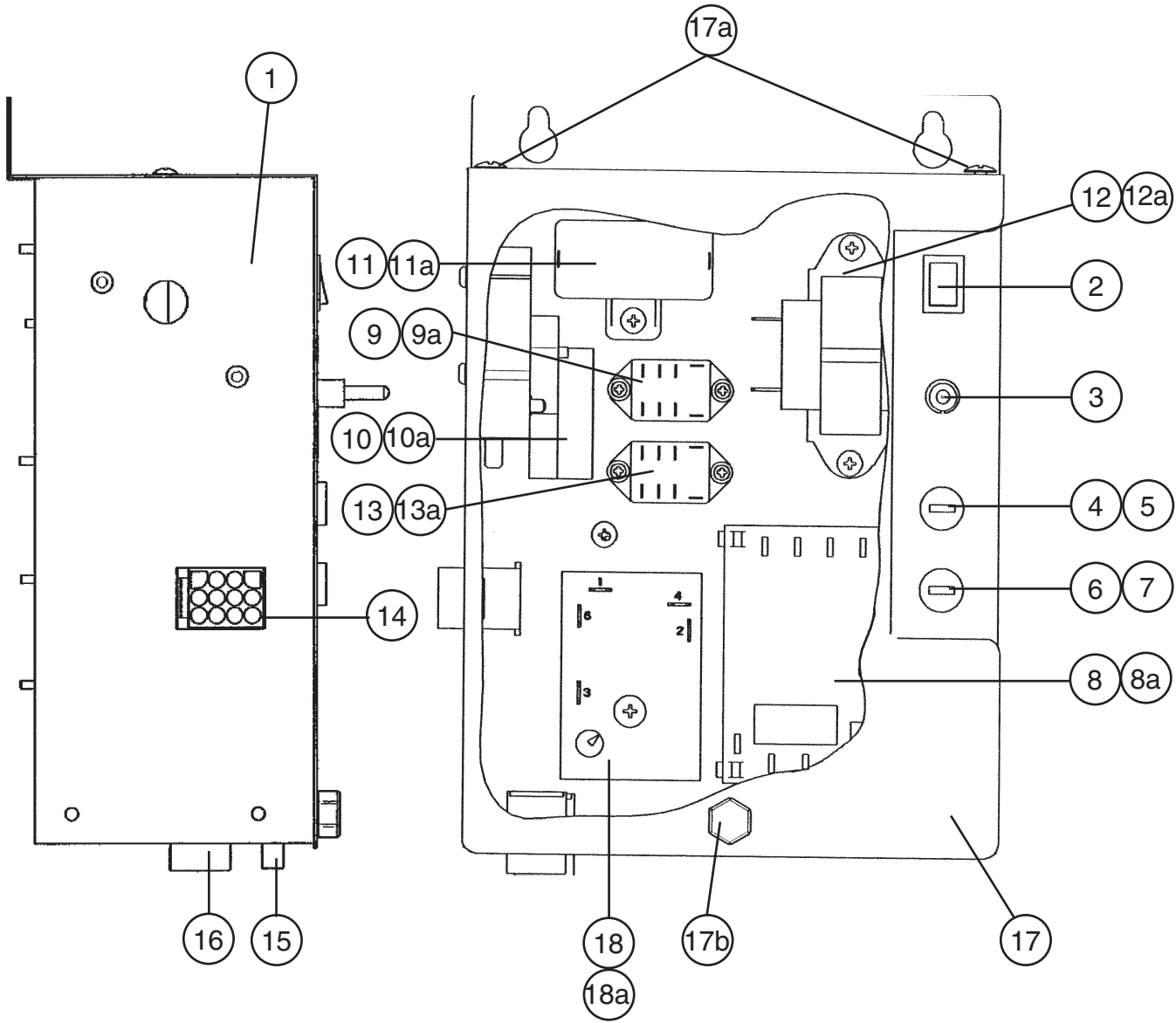
Title: C. Refrigeration Unit Model: FS-1001MLH/-C												
Index No.	Description	Material or Model Number	Part Number	Required Number								
				P-0 Q-0								
1	Copper Tube (A) - Low Side		4A3413G01	1								
2	Copper Tube (B) - Low Side		4A3414G01	1								
3	Copper Tube (C) - Low Side		3A3160G01	1								
4	Copper Tube (A) - High Side		3A3158-01	1								
5	Copper Tube (B) - High Side		3A3159G01	1								
6	Drier	A-TCH-053S	4A1338-01	1								
7	Drier Bracket	GS	4A1348-01	1								
7a	FT Screw	4x8 SS	7F32-0408	1								
8	Expansion Valve	AN-1-SW60	4A3493-01	1								
9	Expansion Valve Cover		4A1168-01	1								
10	Elbow		417395-03	1								
11	Elbow		417395-03	1								
12	Holder / Expansion Valve 1/2"		3A0112-01	1								
13	Clamp	Ideal No. 6808	443461-01	1								
14	Insulation Tubing	L=150mm	7762-2943	1								
15	Insulation Tubing	L=150mm	7762-2943	1								
16	Cable Tie	CV-200	8911-0200	6								
17	Cork Insulation	NRP1 L=40mm	8216-BK20	1								
18	Cork Insulation	NRP1 L=40mm	8216-BK20	1								
19	Service Valve		4A3420-01	1								
20	Service Valve		4A3420-01	1								
21	Valve Body		440352-01	1								
22	Coil - Valve		440353-01	1								

D. Water Circuit
FS-1001MLH/-C
P-0, Q-0



Title: D. Water Circuit Model: FS-1001MLH-C												
Index No.	Description	Material or Model Number	Part Number	Required Number								
				P-0 Q-0								
1	Reservoir		2A0753-01	1								
2	Reservoir Cover		214810-01	1								
3	Float Switch	TW-1221-101	435490-01	1								
4	Separator - Reservoir	ABS	4A1255-01	1								
5	Inlet - Reservoir		4A0869-01	1								
6	Water Supply Pipe		3A3161G01	1								
7	Washer	K-59963	4A0867-01	1								
8	Water Valve	S-30	4A0865-01	1								
8a	T2 Screw	4x8 SS	7P32-0408	2								
9	Water Valve Bracket - (I)	GS	4A3728-01	1								
9a	T2 Screw	4x8 SS	7P32-0408	3								
10	Silicone Hose	L=575mm	7730-1822	1								
10a	Hose Clamp	2334 HC875	4A2017-09	1								
11	Reservoir Hose		4A1165-06	1								
11a	Hose Clamp	2334 HC875	4A2017-09	1								
11b	Hose Clamp	2326 HC672	4A2017-05	1								
12	Vinyl Hose	L=450mm	7725-1923	1								
12a	Hose Clamp	2334 HC875	4A2017-09	1								
13	Fitting		4A0776G01	1								
13a	T2 Screw	4x8 SS	7P32-0408	2								
14	Vinyl Hose	L=45mm	7716-2025	1								
14a	Hose Clamp	2334 HC875	4A2017-09	2								
15	Drain Valve Bracket	GS	4A3447-01	1								
15a	T2 Screw	4x8 SS	7P32-0408	2								
16	Water Valve Bracket - (D)	GS	4A3667-01	1								
16a	T2 Screw	4x8 SS	7P32-0408	2								
17	Vinyl Hose	L=320mm	7716-1216	1								
17a	Hose Clamp	2318 HC513	4A2017-08	2								
18	Water Valve	DSVP12	4A2772-01	1								
18a	T2 Screw	4x8 SS	7P32-0408	2								
19	Vinyl Hose	L=65mm	7716-0913	1								
20	Cable Tie	CV-200	8911-0200	4								
21	Elbow	P103165	4A3671-01	1								
22	Reservoir Tube	L=320mm	4A3672-01	1								
23	Insulation Tubing	L=320mm	7762-1626	1								

E. Control Box Assembly
FS-1001MLH/-C
P-0, Q-0



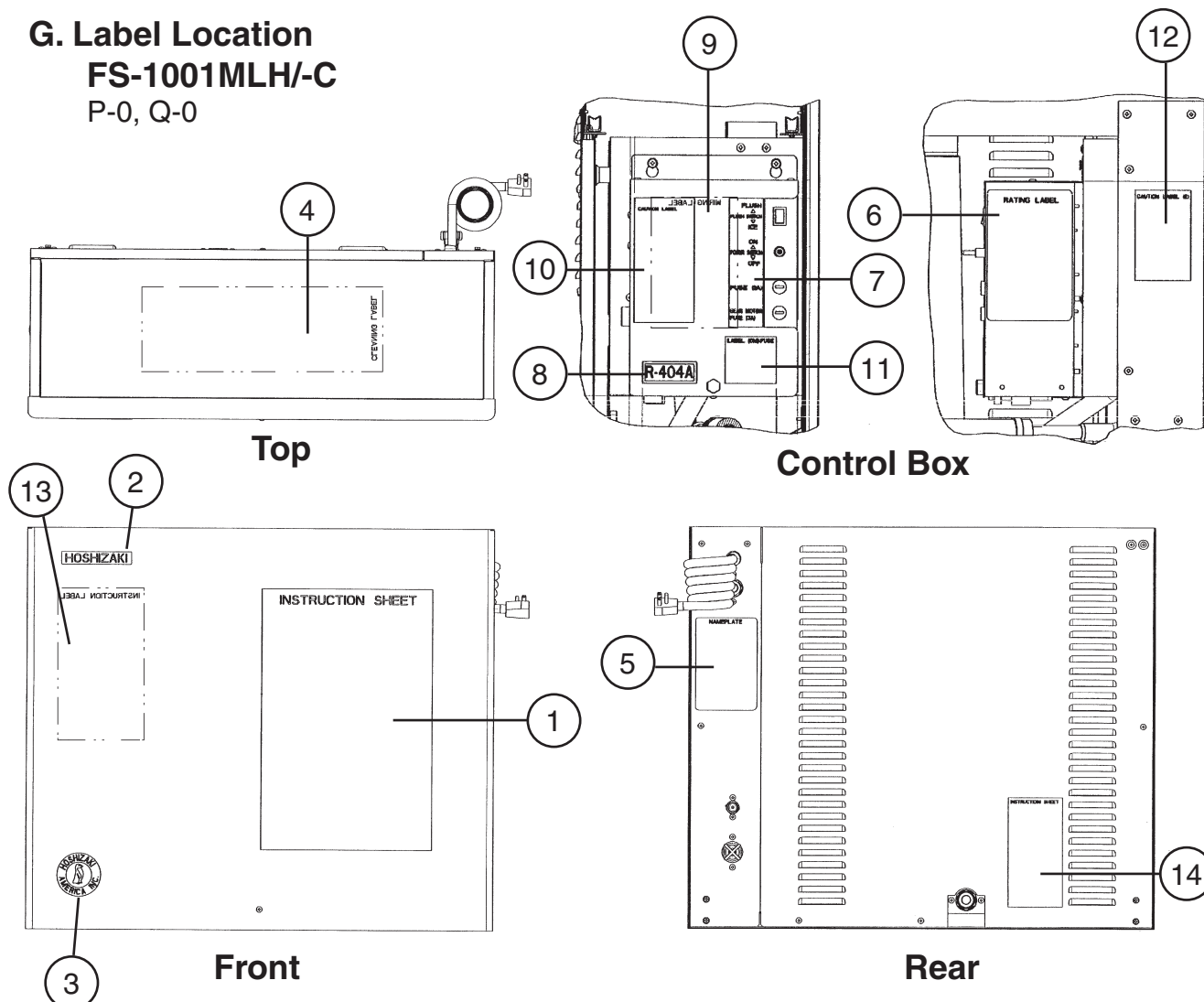
Title: E. Control Box Assembly Model: FS-1001MLH/-C												
Index No.	Description	Material or Model Number	Part Number	Required Number								
				P-0 Q-0								
1	Control Box	GS	2A3469-01	1								
2	Rocker Switch	62111929-O-O-N	4A0558-01	1								
3	Toggle Switch	1-8965H	4A2332-01	1								
4	Fuse Holder	HTB92I	4A0892-01	1								
5	Fuse (Timer Board)	AGC-1 250V 1A	4A0893-01	1								
6	Fuse Holder	HTB92M	4A0892-02	1								
7	Fuse (Gear Motor)	GMD-3A 250V	4A0893-06	1								
8	Timer Board	H2AA144C01	437305-01	1								
8a	Board Support	CBLS37-M	4A0336-03	4								
9	Relay (Water Control)	Omron LY2F-AC24	406132-03	1								
9a	Tapping Screw	3x8	431415-01	2								
10	Cam Timer	M175	4A2157-01	1								
10a	Screw	#6 - 32x3/8	4A0898-01	2								
11	Capacitor	UP25B246UWF, 24µF, 250VAC	4A2273-01	1								
11a	T2 Screw	4x8 SS	7P32-0408	1								
12	Transformer	BE141625GEK	4A0557-01	1								
12a	T2 Screw	4x8 SS	7P32-0408	2								
13	Relay (Gear Motor)	Omron LY2F-AC110/120	406132-07	1								
13a	Tapping Screw	3x8	431415-01	2								
14	12P Plug Housing	3191-12P-201	412832-04	1								
15	3P Plug Housing	3191-3P-201	412832-06	1								
16	9P Plug Housing	3191-09P	412832-02	1								
17	Control Box Cover	GS	4A3675-01	1								
17a	Truss Head Screw	4x8 SS	7C32-0408	2								
17b	Thumbscrew	SS, ABS	415949G10	1								
18	Time Delay Relay		4A3761-01	1								
18a	Truss Head Screw	4x30 SS	7C32-0430	1								

P-0, Q-0



Title: F. Chute Assembly Model: FS-1001MLH/-C												
Index No.	Description	Material or Model Number	Part Number	Required Number								
				P-0 Q-0								
1	Chute	PE	2A1919-01	1								
2	Insulation-Chute	PE Foam	2A1920-01	1								
3	Tie	PA	436531G01	3								
4	Baffle - Chute (A)	SS	3A0400G01	1								
4a	Wing Nut	4, SS	7E12-0400	3								
5	Baffle - Chute (B)	SS	3A0399G01	1								
5a	Wing Nut	4, SS	7E12-0400	3								
6	Bin Control Assembly	SS	3A1744G01	1								
7	Actuator	SS	436848G01	1								
8	Shaft	SS	436851-01	1								
9	Snap Pin	SSP-5, SS	715S-0005	2								
10	Proximity Switch	E00901	4A2033-01	1								
11	Packing	EPDM	441217-01	1								
12	Thumbscrew	SS, ABS	415949G08	2								
13	Plate	SS	4A2039-01	1								
14	Thumbscrew	SS, ABS	415949G10	2								
15	Truss Head Screw	4x8 SS GND	7C32-0408	1								

G. Label Location
FS-1001MLH/-C
P-0, Q-0



Title: G. Label Location Model: FS-1001MLH/-C												
Index No.	Description	Material or Model Number	Part Number	Required Number								
				P-0 Q-0								
1	Instruction Sheet	Paper	2A3222-01	1								
2	Emblem	PETP Film	4A0560-01	1								
3	Label - Penguin - HA-R	PETP Film	4A0526-01	1								
4	Label - Cleaning	PVC Film	2A3445-01	1								
5	Nameplate	FS-1001MLH	3A3241-02	1								
		FS-1001MLH-C PES Film	3A3241-01	1								
6	Rating Label	FS-1001MLH	3A3242-02	1								
		FS-1001MLH-C PES Film	3A3242-01	1								
7	Control Label	PVC Film	4A2234-01	1								
8	Label - R-404A		4A0960-01	1								
9	Wiring Label	PVC Film	3A3505-01	1								
10	Caution Label (H)	PVC Film	439148-01	1								
11	Label (GM) - Fuse	PVC Film	4A2835-01	1								
12	Caution Label (E)	PVC Film	439145-01	1								
13	Instruction Label	PVC Film	326371-01	1								
14	Instruction Sheet	Paper	433523-01	1								

H. Accessories

FS-1001MLH/-C

P-0, Q-0

Title: H. Accessories Model: FS-1001MLH/-C												
Index No.	Description	Material or Model Number	Part Number	Required Number								
				P-0 Q-0								
1	Instruction Manual	Paper	91A2PB10A	1								
2	Bracket	GS	4A3668-01	2								
3	Phillips Head Tapping Screw	#12 3/4"	7P1111234	4								