
NO. 71150

ISSUED: SEPT. 8, 1999

REVISED: AUG. 27, 2002



**HOSHIZAKI
MODULAR FLAKER**

**MODEL
F-450MAF(-C)**

(FINAL) PARTS LIST

F-450MAF	H-0	JUL. 1998
	J-0	FEB. 1999
	K-0	DEC. 1999
	L-0	DEC. 2000

F-450MAF-C	H-0	FEB. 1998
	J-0	JAN. 1999
	K-0	DEC. 1999
	L-0	DEC. 2000

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
 PIFE = Polytetrafluoroethylene = Teflon
 PUR = Polyurethane
 PVC = Polyvinyl chloride

RUBBER

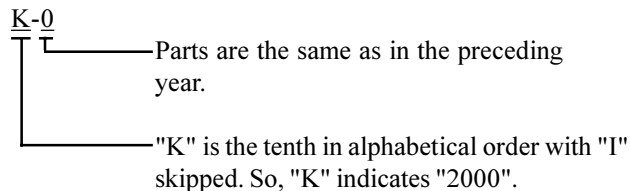
VN = Vinyl Nitrile
 EPDM = EP rubber
 NBR = Nitrile butadiene rubber
 NR = Natural rubber
 NP = Neoprene
 SLR = Silicone rubber
 SYR = Synthetic rubber
 EPH = Epichlorohydrin

STEEL

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

AUXILIARY CODE

Ex.1

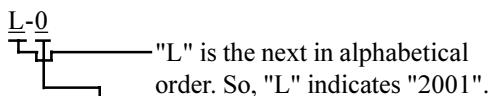


(Note) - = Part deleted.

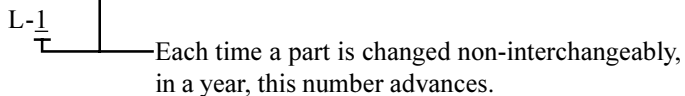
x = Part deleted and replaced by "o" part.

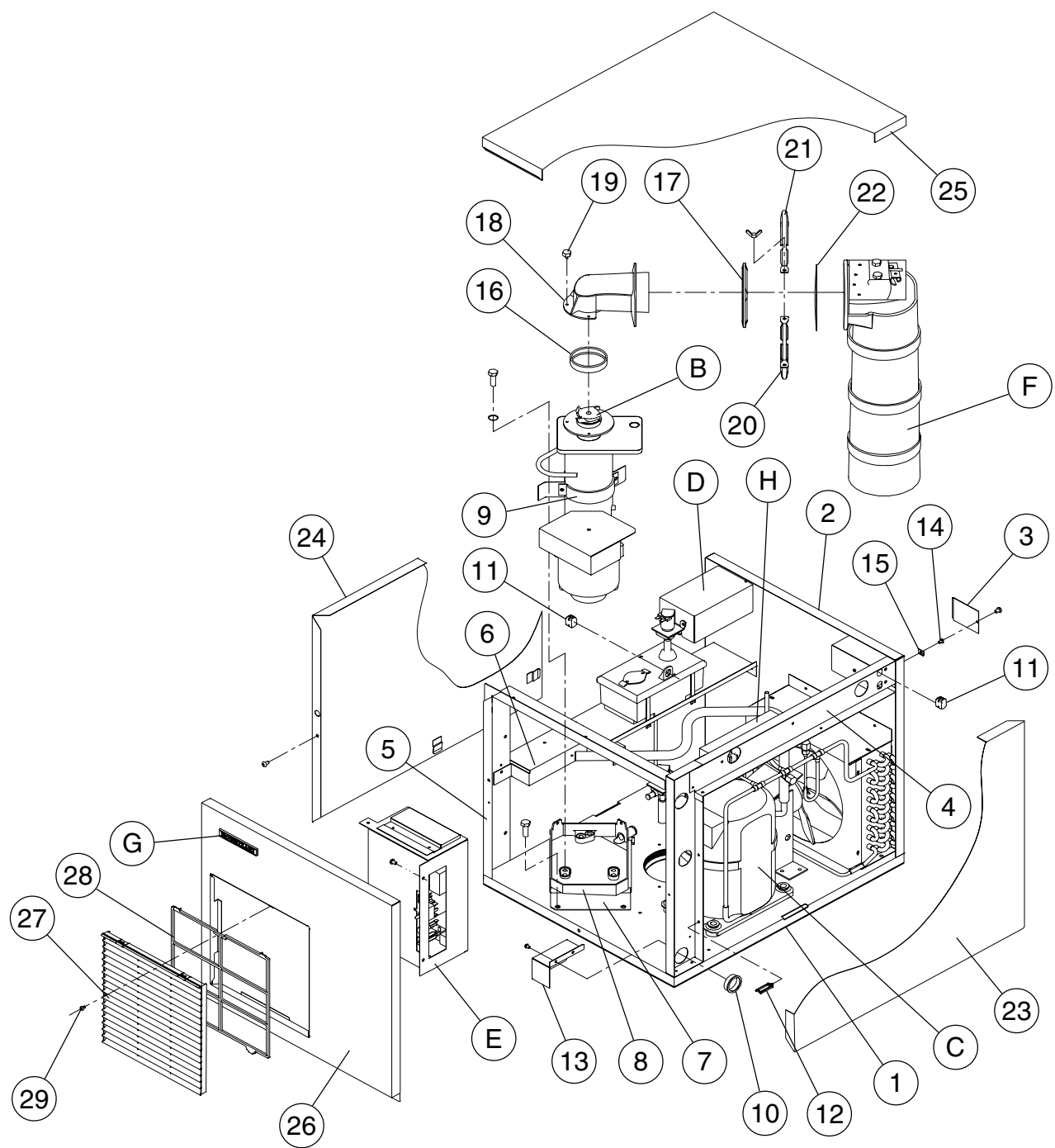
o = New part for "x" in the same auxiliary code.

Ex.2



Ex.3

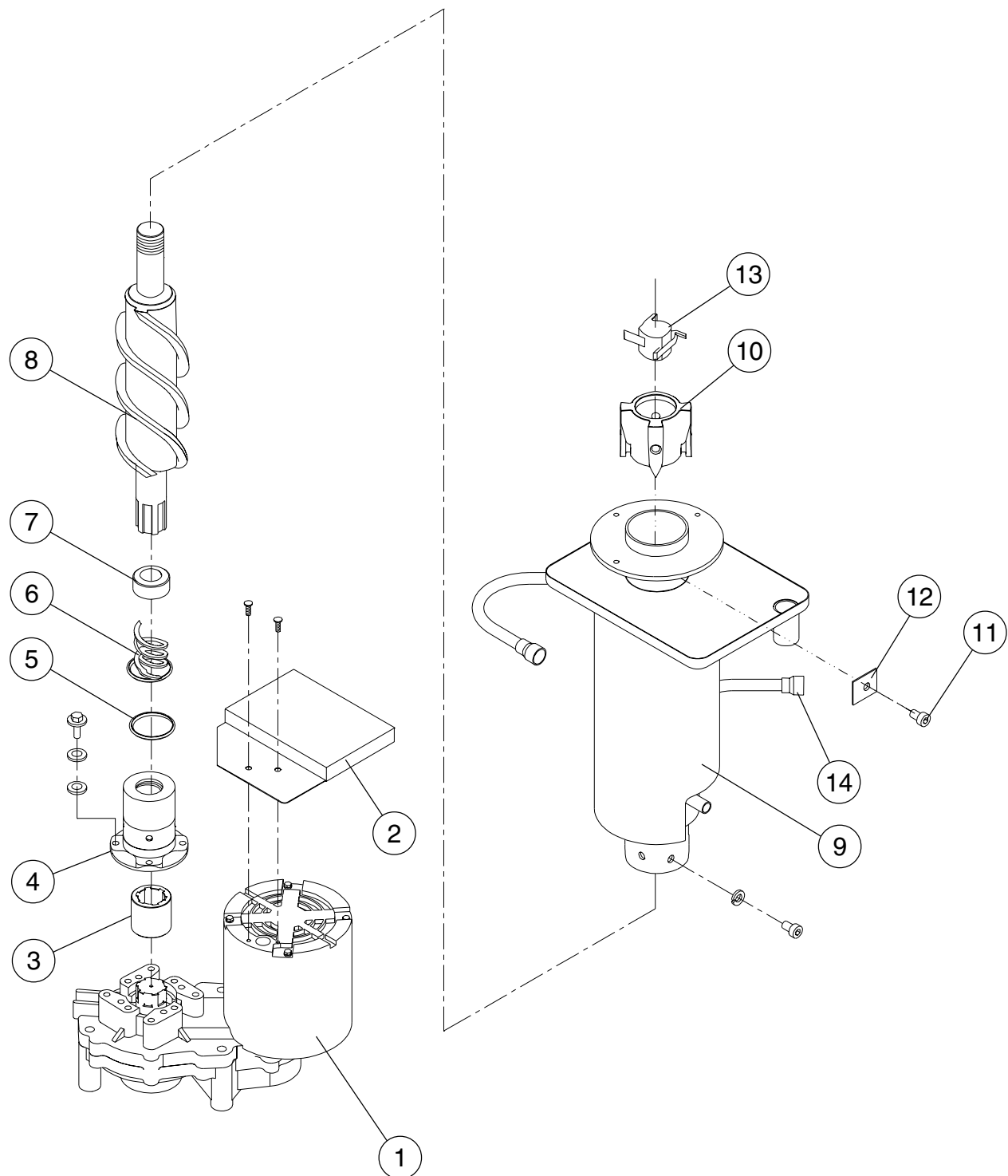




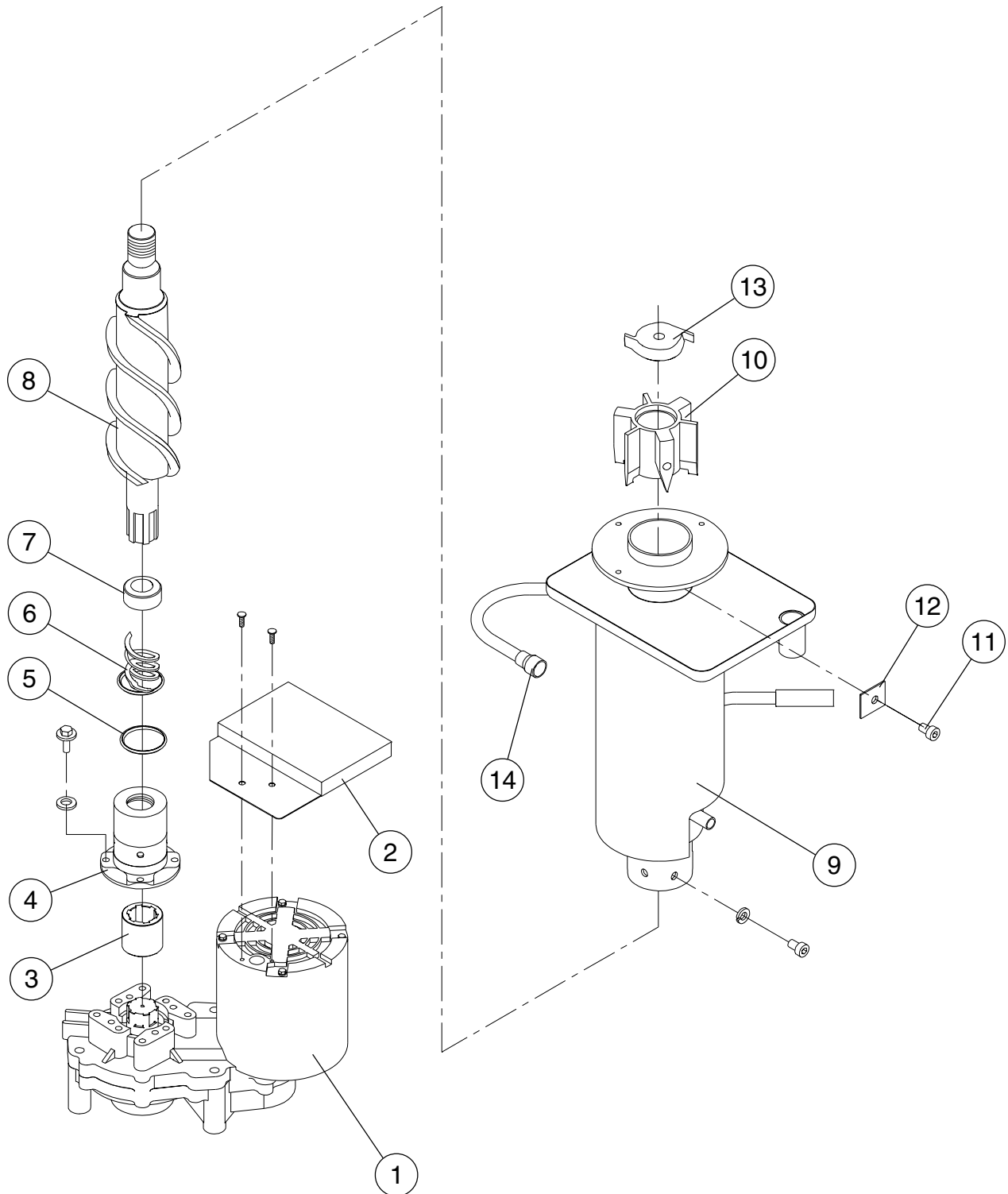
HA

[illegible]

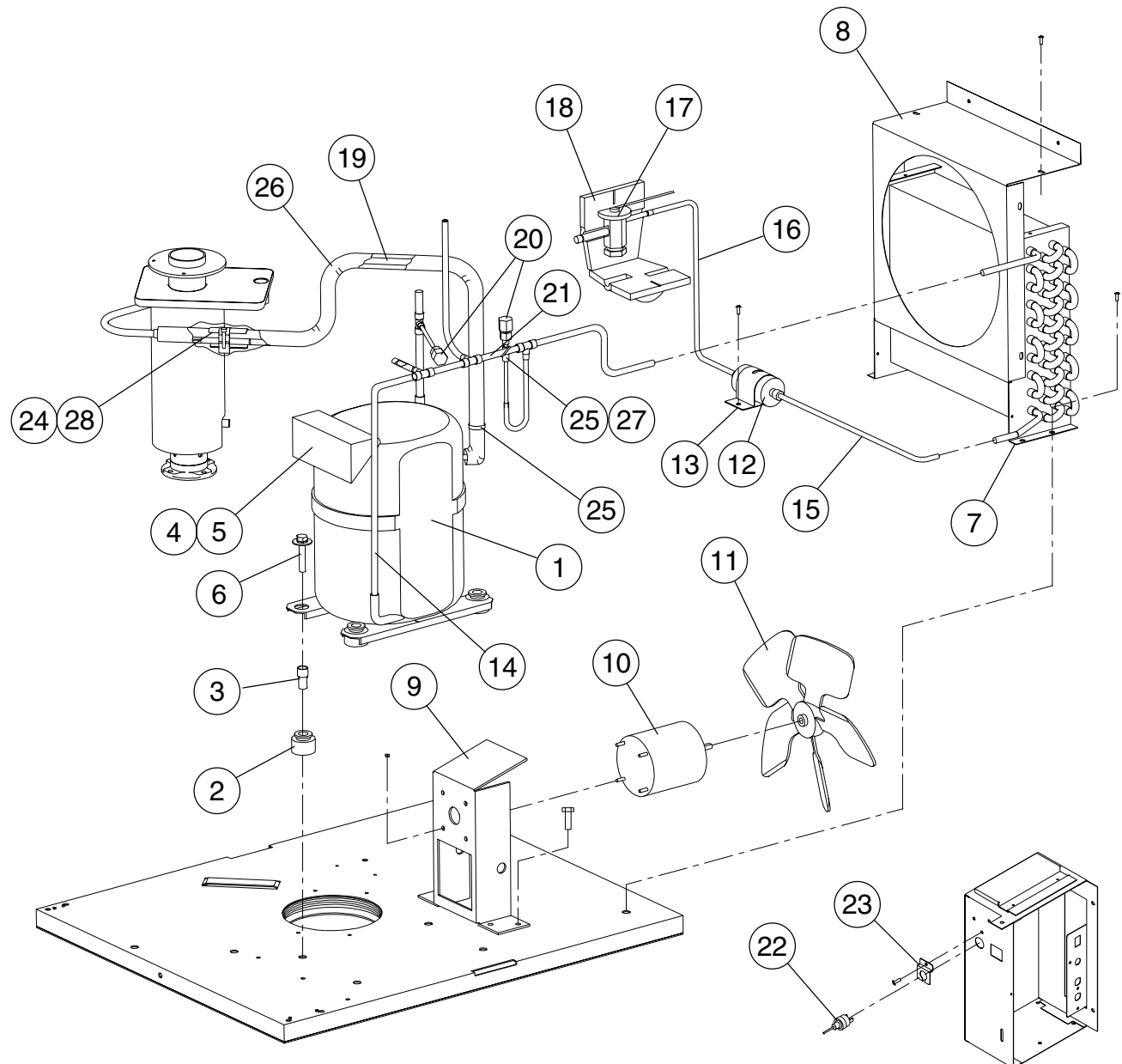
MODEL: F-450MAF/-C TITLE: A. ICE FLAKER ASSEMBLY										
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQUIRED NUMBER						
				H-0 J-0	K-0	L-0				
1	CHASSIS	GS	2A1178G01	1	1	1				
2	REAR PANEL	GS	2A0916G01	1	1	1				
	TRUSS HEAD SCREW	SS, 4 x 8	7C31-0408	2	2	2				
	T2 SCREW	SS, 4 x 8	7P32-0408	2	2	2				
3	JUNCTION BOX COVER	GS	433410-01	1	1	1				
	T2 SCREW	4 x 8	7P31-0408	1	1	1				
4	SIDE FRAME (R)	GS	2A0917G01	1	1	1				
	TRUSS HEAD SCREW	4 x 8	7C31-0408	4	4	4				
5	FRONT FRAME	GS	2A0918G01	1	1	1				
	TRUSS HEAD SCREW	4 x 8	7C31-0408	4	4	4				
6	BRACKET - RESERVOIR	GS	2A0919G01	1	1	1				
	T2 SCREW	4 x 8	7P31-0408	4	4	4				
7	BRACKET - GEAR MOTOR	GS	3A0396G01	1	1	1				
	HEX BOLT	SS, 8 x 12	7B02-0812	2	2	2				
8	DRAIN PAN	ABS	323765G02	1	1	1				
	SOCKET HEX HEAD BOLT	SS, 8 x 95	7S12-0895	3	3	3				
	SPRING WASHER	SS, 8	7L22-0800	3	3	3				
9	STRAP	GS	4A1262-01	1	1	1				
	T3 SCREW	5 x 12	7G31-0512	2	2	2				
10	BUSHING	SB-1500-21	420470-06	4	4	4				
11	BUSHING	SB-1500-21	420472-03	2	2	2				
12	WIRE SADDLE	LWS-4NS	4A0338-04	9	9	9				
13	BARRIER	GS	4A0688-01	1	1	1				
	FT SCREW	SS, 4 x 8	7F32-0408	2	2	2				
14	SCREW - GROUNDING	BRASS	433304-02	1	1	1				
15	SQUARE WASHER	BRASS	433537-02	1	1	1				
16	PACKING	EPDM	427151-01	1	1	1				
17	PACKING – SPOUT	EPDM	321037-01	1	1	1				
18	SPOUT	PC	2A0915-01	1	1	1				
19	THUMBSCREW	SS, ABS	415949G04	3	3	3				



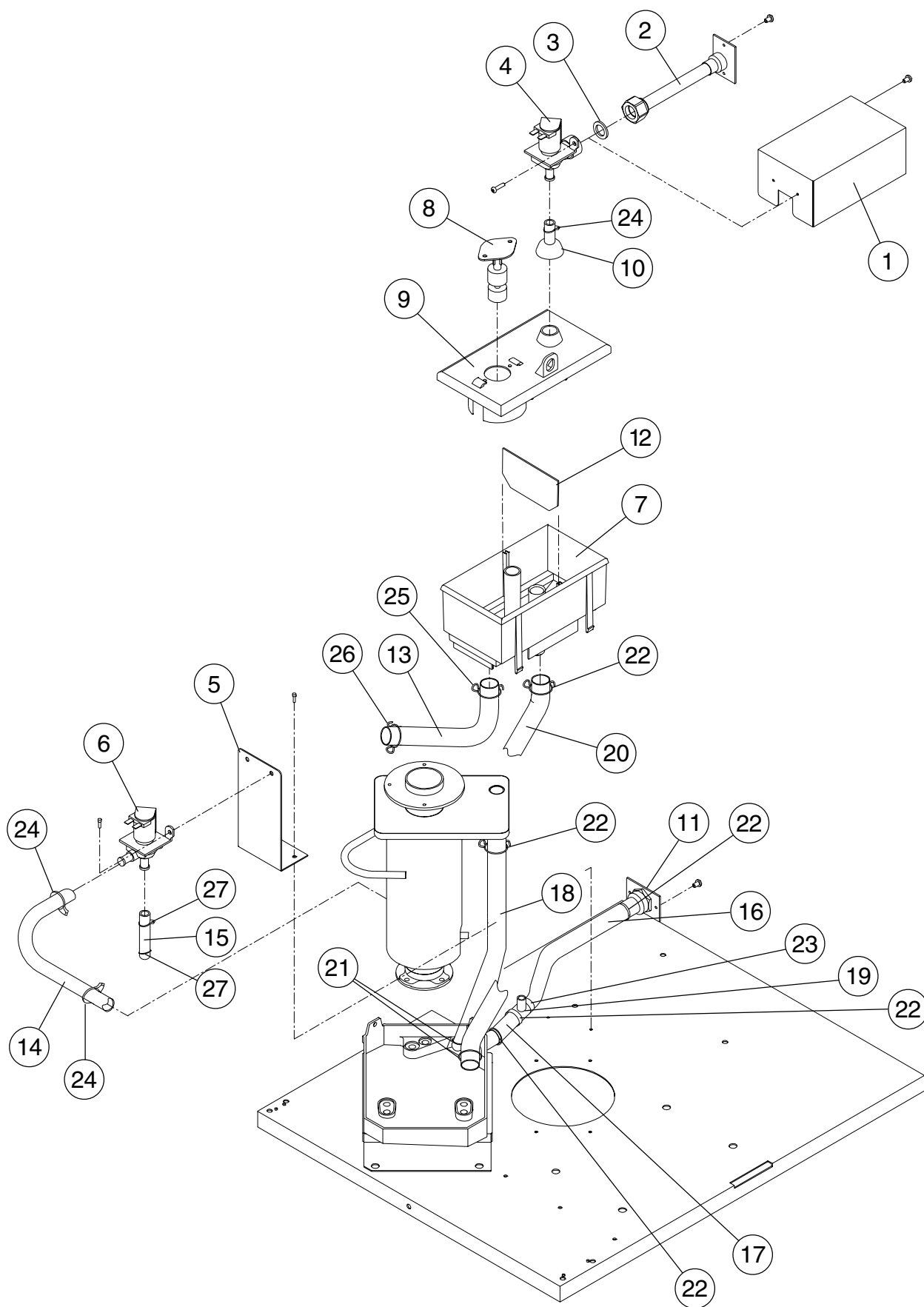
MODEL: F-450MAF TITLE: B. ICE MAKING UNIT										
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQUIRED NUMBER						
				H-0 J-0	K-0	L-0				
1	GEAR MOTOR	V06695AEAA	4A0897-02	1	1	x1				
		-	4A2193-01			o1				
2	BARRIER - GEAR MOTOR	GS	3A1037-01	1	1	1				
	FT SCREW	SS, 4 x 8	7F32-0408	2	2	2				
3	COUPLING – SPLINE	SS	418316-01	1	1	1				
4	HOUSING	BRASS	206013G03	1	1	1				
	HEX BOLT	GOLD STAINLESS, 6 x 20	7B02-0620	4	4	-				
	BOLT	-	458660-01			4				
	PLAIN WASHER	SS, Ø6.4 x Ø12.5 x t 1.6	7W22-0616	4	4	-				
	SPRING WASHER	SS, 6	7L22-0600	4	4	-				
5	“O” RING	G40	7616-G040	1	1	1				
6	MECHANICAL SEAL	HK9A-MS ø22	432491-01	1	1	1				
7	RING (B)	NTKU-4	432494-01	1	1	1				
8	AUGER	SS	341448G01	1	1	1				
9	EVAPORATOR	-	340076G01	1	x1					
		-	2A1699G01		o1	1				
	SOCKET HEAD CAP SCREW	SS, 6 x 10	7S12-0610	4	4	4				
	SPLIT LOCK WASHER	SS, 6	7L22-0800	4	4	4				
10	EXTRUDING HEAD – 45F	SS	340077G01	1	1	1				
11	SOCKET HEAD CAP SCREW	SS, 8 x 14	429121-01	3	3	3				
12	WASHER	SS	453791-01	3	3	3				
13	CUTTER	SS	453790-01	1	1	1				
14	REDUCER	COPPER	420915-06	1	1	1				

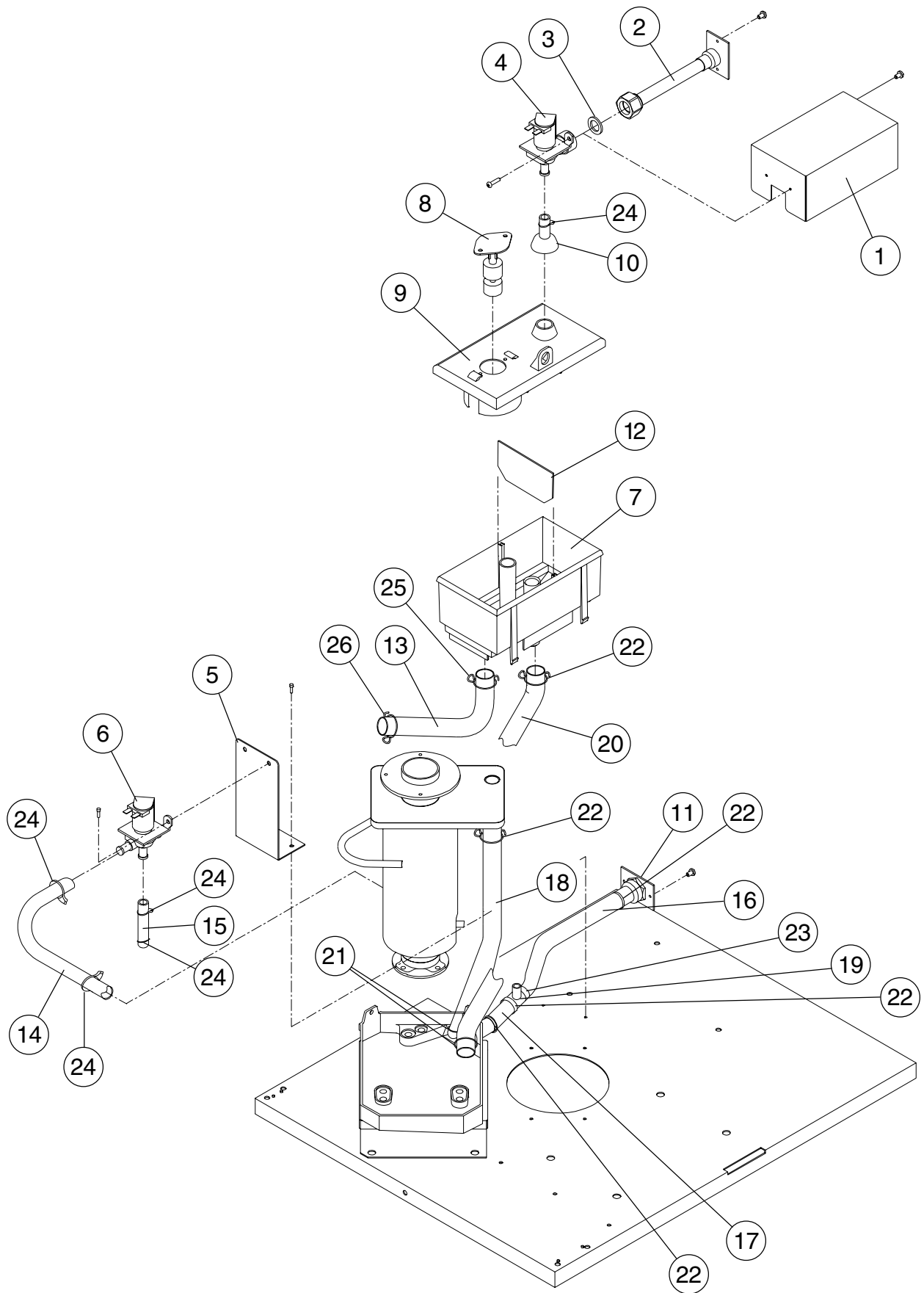


MODEL: F-450MAF-C TITLE: B. ICE MAKING UNIT										
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQUIRED NUMBER						
				H-0 J-0	K-0	L-0				
1	GEAR MOTOR	V06695AEAA	4A0897-02	1	1	x1				
		-	4A2193-01			o1				
2	BARRIER - GEAR MOTOR	GS	3A1037-01	1	1	1				
	FT SCREW	SS, 4 x 8	7F32-0408	2	2	2				
3	COUPLING – SPLINE	SS	418316-01	1	1	1				
4	HOUSING	BRASS	206013G03	1	1	1				
	HEX BOLT	GOLD STAINLESS, 6 x 20	7B02-0620	4	4	-				
	BOLT	-	458660-01			4				
	PLAIN WASHER	SS, Ø6.4 x Ø12.5 x t 1.6	7W22-0616	4	4	-				
	SPRING WASHER	SS, 6	7L22-0600	4	4	-				
5	“O” RING	G40	7616-G040	1	1	1				
6	MECHANICAL SEAL	HK9A-MS	432491-01	1	1	1				
7	RING (B)	NTKU-4	432494-01	1	1	1				
8	AUGER	SS	341448G01	1	1	1				
9	EVAPORATOR	-	340076G01	1	x1					
		-	2A1699G01		o1	1				
	SOCKET HEAD CAP SCREW	SS, 6 x 10	7S12-0610	4	4	4				
	SPLIT LOCK WASHER	SS, 6	7L22-0800	4	4	4				
10	EXTRUDING HEAD – 45N	SS	327141G01	1	1	1				
11	SOCKET HEAD CAP SCREW	SS, 8 x 14	429121-01	3	3	3				
12	WASHER	SS	453791-01	3	3	3				
13	CUTTER	SS	440905-01	1	1	1				
14	REDUCER	COPPER	420915-06	1	1	1				

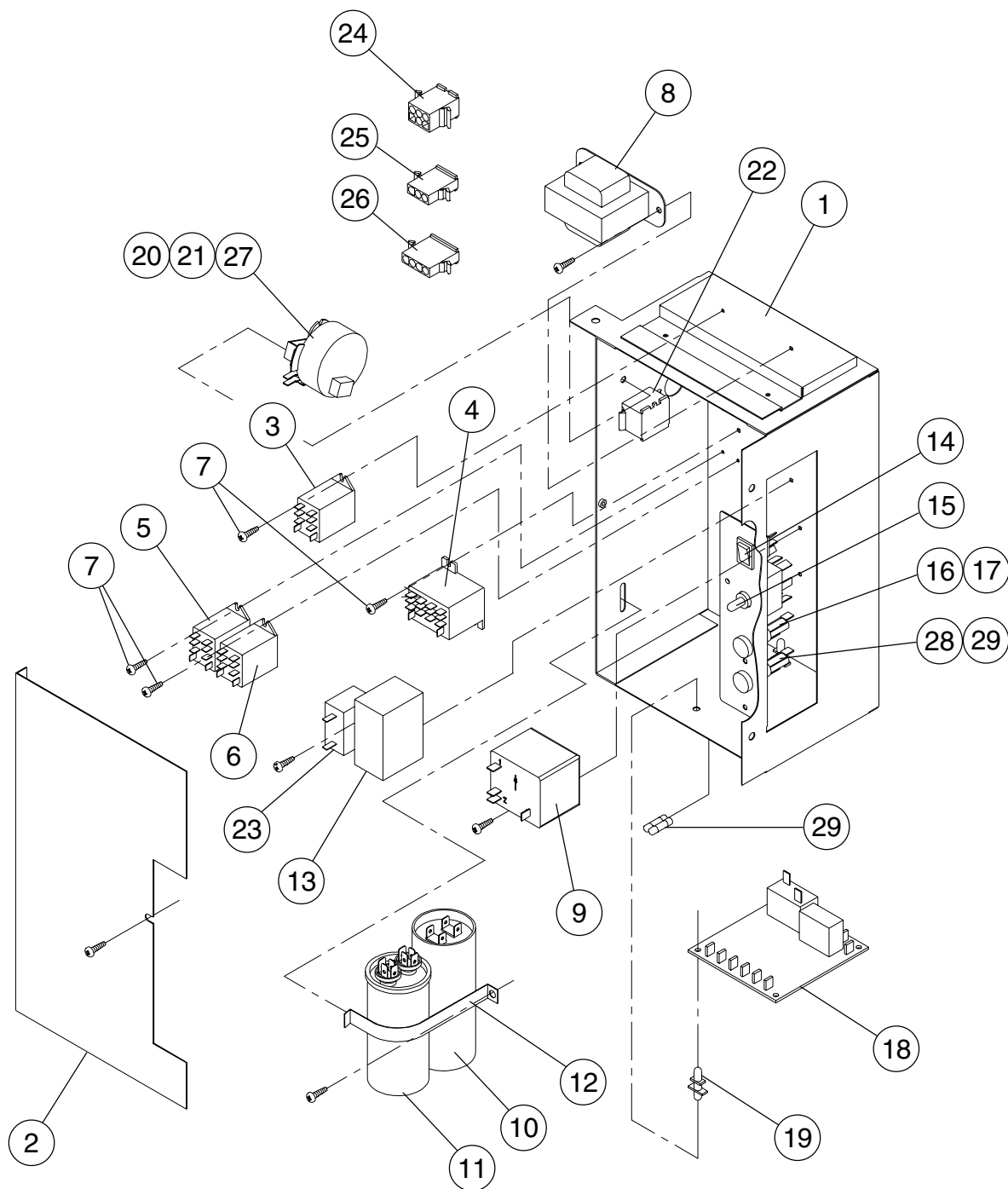


MODEL: F-450MAF/-C TITLE: C. REFRIGERATION UNIT										
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQUIRED NUMBER						
				H-0 J-0	K-0	L-0				
1	COMPRESSOR	-	4A1272-01	1	1	x1				
		-	4A2300-01			o1				
2	GROMMET	027-0073-00	434403-01	4	4	4				
3	SPACER	027-0072-02	434404-01	4	4	4				
4	PROTECTOR	071-0527-04	4A1805-01	1	1	1				
5	PROTECTOR HOLDER	-	437339-01	1	1	1				
6	BOLT	8 x 45	437889-01	4	4	4				
7	CONDENSER	602380	2A0923-01	1	1	1				
	FT SCREW	SS, 4 x 8	7F32-0408	3	3	3				
8	SHROUD	GS	2A0908-01	1	1	1				
	T2 SCREW	4 x 8	7P31-0408	6	6	6				
9	FAN MOTOR BRACKET	GS	3A0828-01	1	1	1				
	HEX HEAD BOLT W/WASHER	SS, 5 x 12	7B0230512	4	4	4				
10	FAN MOTOR	U90 B1 7191-1031	440911-01	1	1	1				
	SELF-LOCKING NUT	No. 8-32	7N21I0832	4	4	4				
11	FAN BLADE	AD10CW32	444898-01	1	1	1				
12	DRIER	A-TCH-032S	4A1113-01	1	1	1				
13	DRIER BRACKET	GS	445847-01	1	1	1				
	FT SCREW	SS, 4 x 8	7F32-0408	1	1	1				
14	COPPER TUBE (A) – HIGH SIDE	COPPER	2A0927G01	1	1	1				
15	COPPER TUBE (B) – HIGH SIDE	COPPER	4A1289-01	1	1	1				
16	COPPER TUBE (C) – HIGH SIDE	COPPER	3A0847-01	1	1	1				
17	EXPANSION VALVE	AN15C	4A1117-01	1	1	1				
18	EXPANSION VALVE COVER	PE FOAM	4A1168-01	1	1	1				

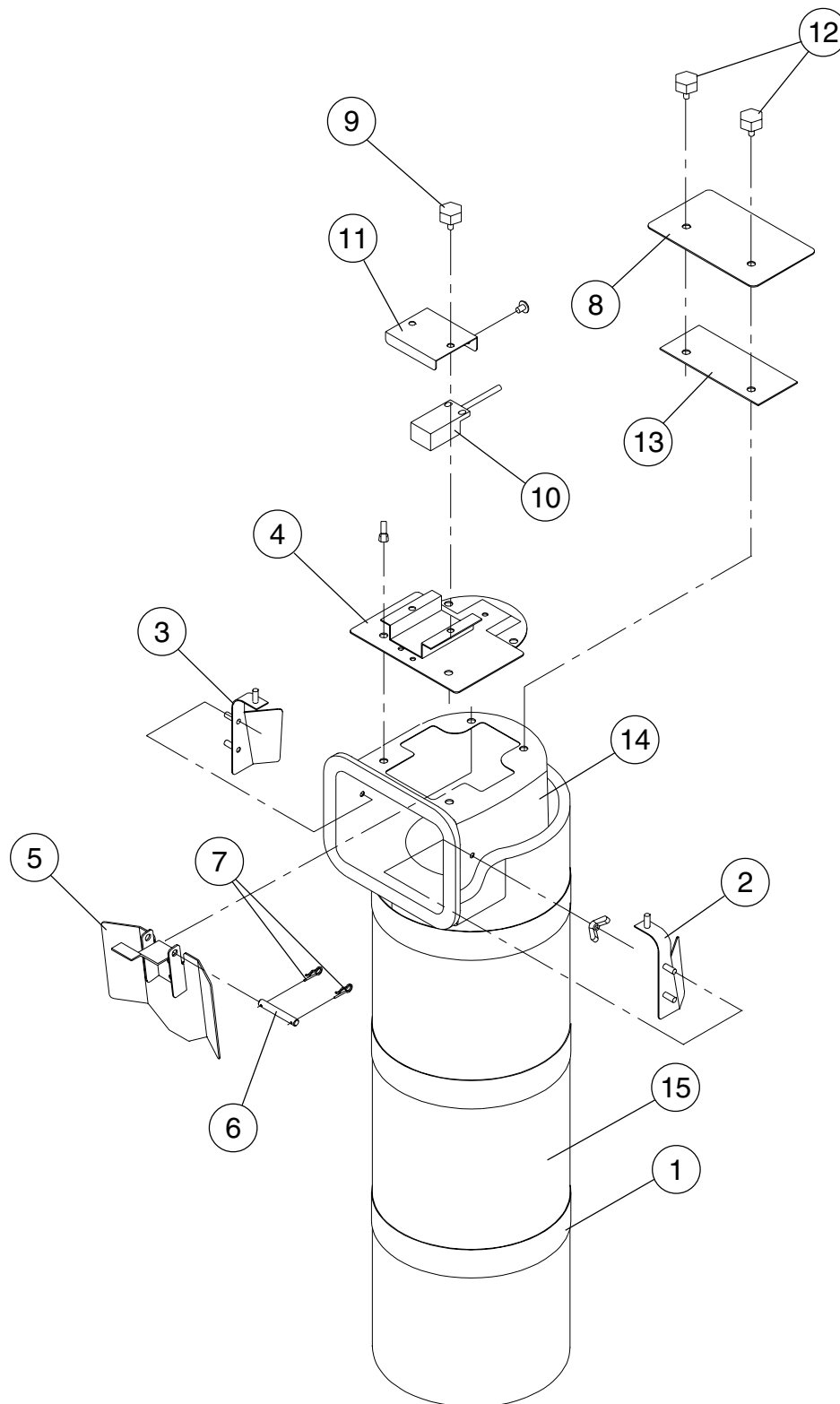


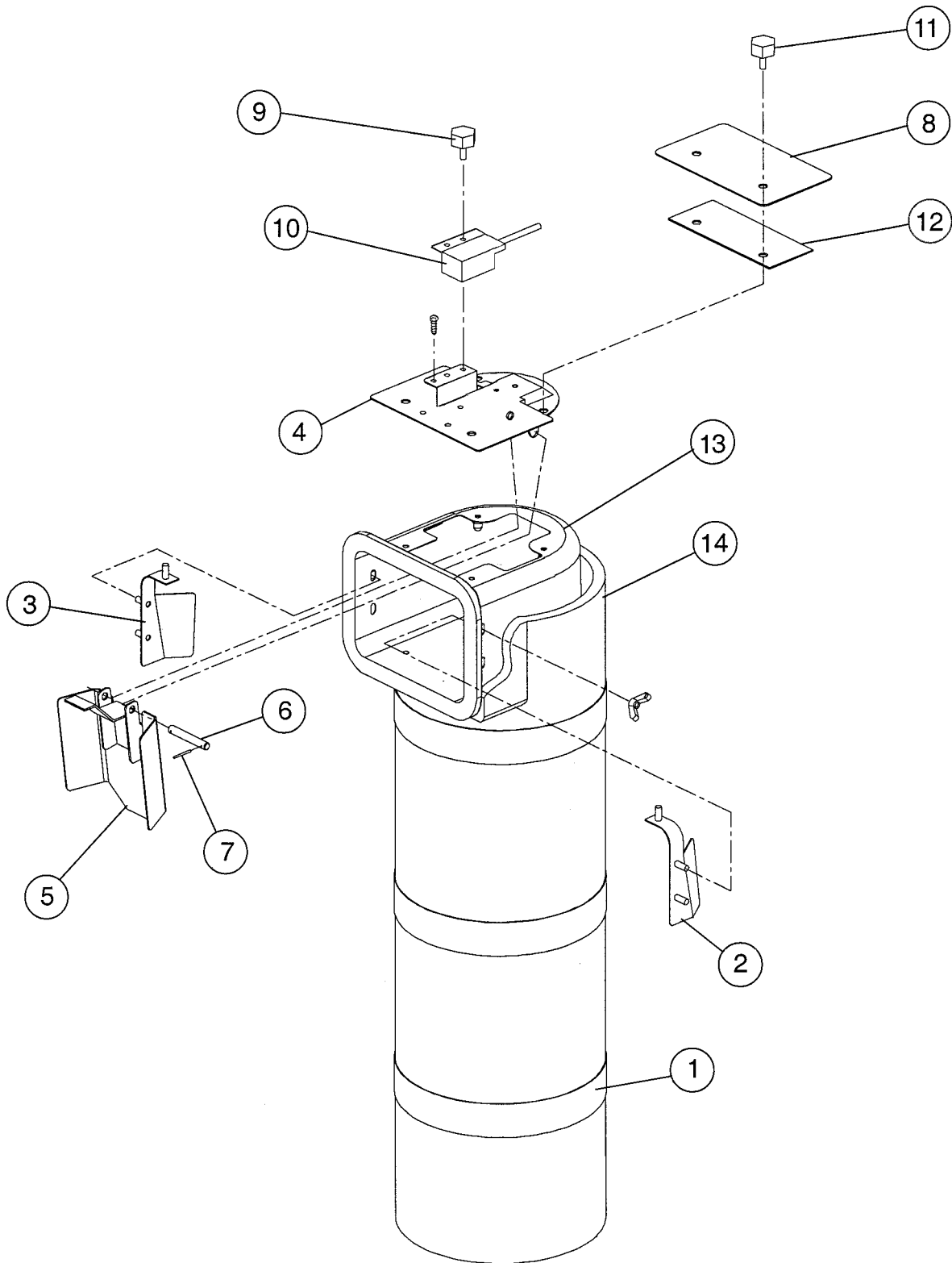


MODEL: F-450MAF/-C TITLE: D. WATER CIRCUIT										
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQUIRED NUMBER						
				H-0 J-0	K-0	L-0				
1	WATER VALVE BRACKET	GS	3A0553-01	1	1	1				
	T2 SCREW	4 x 8	7P31-0408	3	3	3				
2	WATER SUPPLY PIPE	COPPER	4A0891G01	1	1	1				
	T2 SCREW	4 x 8	7P31-0408	4	4	4				
3	WASHER	K-59963	4A0867-01	1	1	1				
4	WATER VALVE	S-30	4A0865-01	1	1	1				
5	DRAIN VALVE BRACKET	GS	4A1264-01	1	1	1				
	FT SCREW	SS, 4 x 8	7F32-0408	2	2	2				
6	WATER VALVE	S-60N	4A0866-01	1	x1					
		-	4A2077-01		o1	1				
	T2 SCREW	SS, 4 x 8	7P32-0408	4	4	4				
7	RESERVOIR	PP	2A0753-01	1	1	1				
8	FLOAT SWITCH	TW-1221-101	435490-01	1	1	1				
9	RESERVOIR COVER	PP	214810-01	1	1	1				
10	INLET-RESERVOIR	SLR	4A0869-01	1	1	1				
11	FITTING	COPPER	4A0776G01	1	1	1				
12	SEPARATOR – RESERVOIR	ABS	4A1255-01	1	1	1				
13	RESERVOIR HOSE	EPDM	4A1165-05	1	1	1				
14	VINYL HOSE	L=230	7730-0912	1	1	x1				
	SILICONE HOSE	L=230	7730I3896			o1				
15	VINYL HOSE	L=65	7730-1114	1	1	x1				
		L=65	7716-0913			o1				
16	VINYL HOSE	L=270	7716-2025	1	1	1				
17	VINYL HOSE	L=80	7716-2025	1	1	1				
18	VINYL HOSE	L=355	7725-1923	1	1	1				
19	TEE	PVC	4A1331-01	1	1	1				
20	SILICONE HOSE	L=340	7730-1822	1	1	1				
21	CABLE TIE	CV-150	7920-0003	2	2	2				

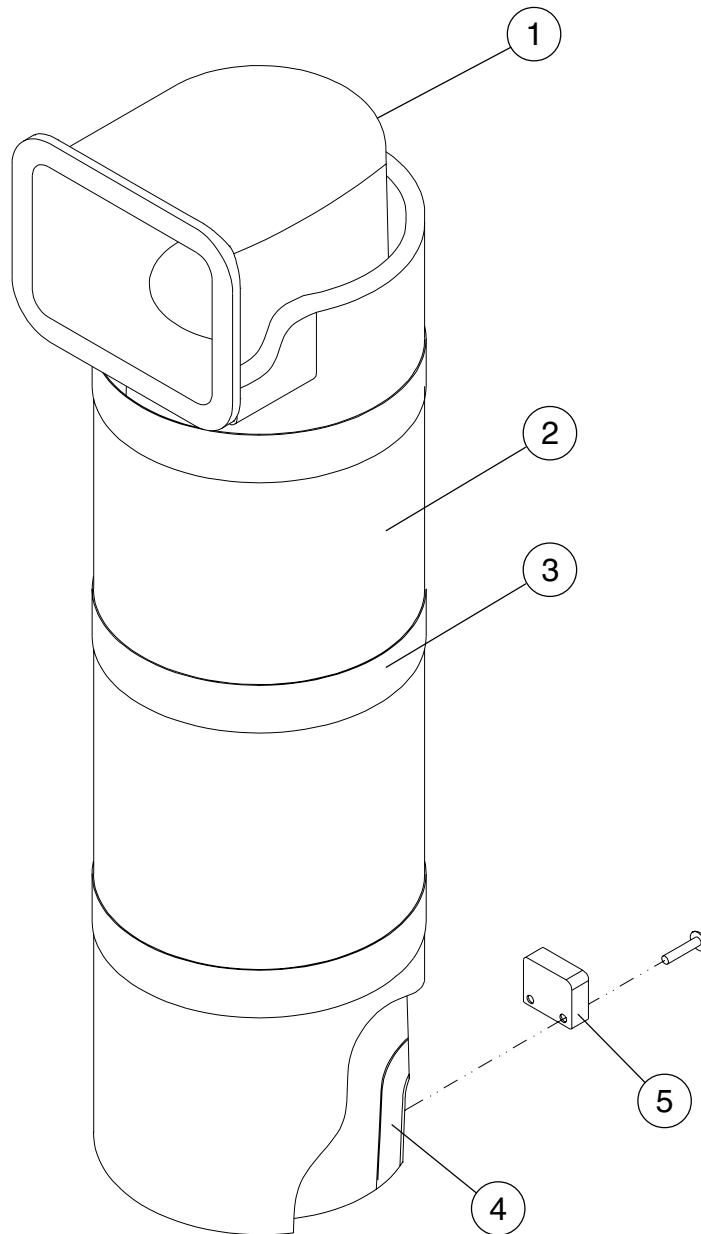


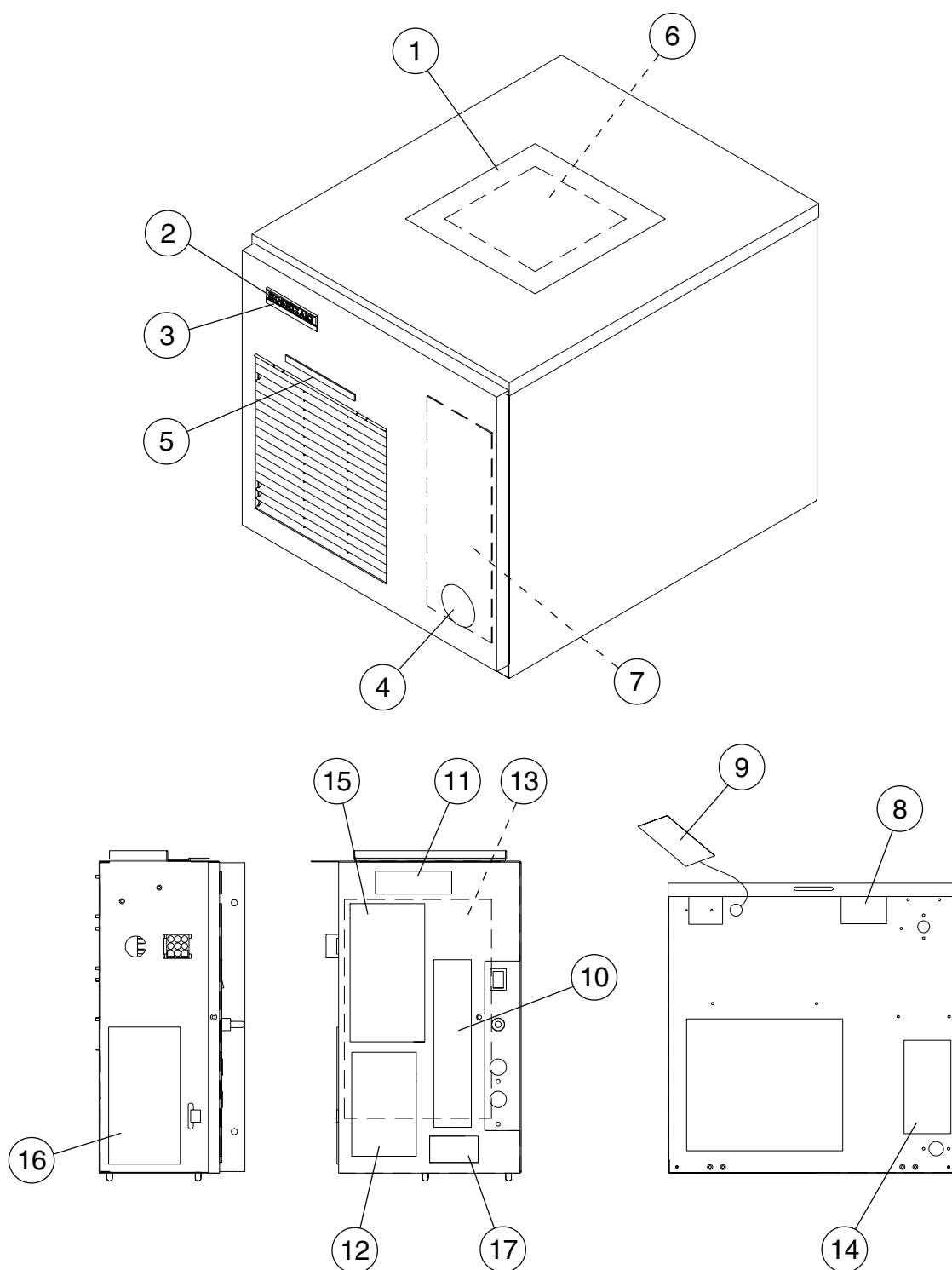
MODEL: F-450MAF/-C TITLE: E. CONTROL BOX ASSEMBLY										
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQUIRED NUMBER						
				H-0 J-0	K-0	L-0				
1	CONTROL BOX	GS	2A0229G04	1	1	1				
	FT SCREW	SS, 4 x 8	7F32-0408	3	3	3				
2	COVER - CONTROL BOX	GS	3A0411-01	1	1	1				
	TRUSS HEAD SCREW	SS, 4 x 8	7C32-0408	2	2	2				
3	RELAY	LY2F AC24V	406132-03	1	1	1				
4	RELAY	LY4F AC24V	406133-04	1	1	1				
5	RELAY	LY1F AC220/240V	418271-05	1	1	1				
6	RELAY	LY1F AC120V	418271-03	1	1	1				
7	TAPPING SCREW	3 x 8	431415-01	8	8	8				
8	TRANSFORMER	BE141625GEK	4A0557-01	1	1	1				
	T2 SCREW	4 x 8	7P31-0408	2	2	2				
9	STARTER	3ARR3CT5M5	434172-04	1	1	x1				
		-	4A1107-11			o1				
	T2 SCREW	4 x 8	7P31-0408	1	1	1				
10	CAPACITOR - STARTING	3535 B7 C0243 A115A4	3A0076-10	1	1	1				
11	CAPACITOR	X386S (HG01)	439943-04	1	1	1				
12	STRAP	GS	434580-10	1	1	1				
	T2 SCREW	4 x 8	7P31-0408	1	1	1				
13	CAPACITOR	UP33B126 UWF	4A0894-01	1	1	1				
	T2 SCREW	4 x 8	7P31-0408	1	1	1				
14	ROCKER SWITCH	62111929-0-0-N	4A0558-01	1	1	1				
15	TOGGLE SWITCH	-	4A0567-01	1	1	x1				
		-	4A2332-01			o1				
16	FUSE HOLDER	HTB921	4A0892-01	1	1	1				
17	FUSE	AGC-1 1A 250V	4A0893-01	1	1	1				
18	TIMER BOARD	H2AA144C01	437305-01	1	1	1				
19	BOARD SUPPORT	CBLS 37 – M	4A0336-03	4	4	4				

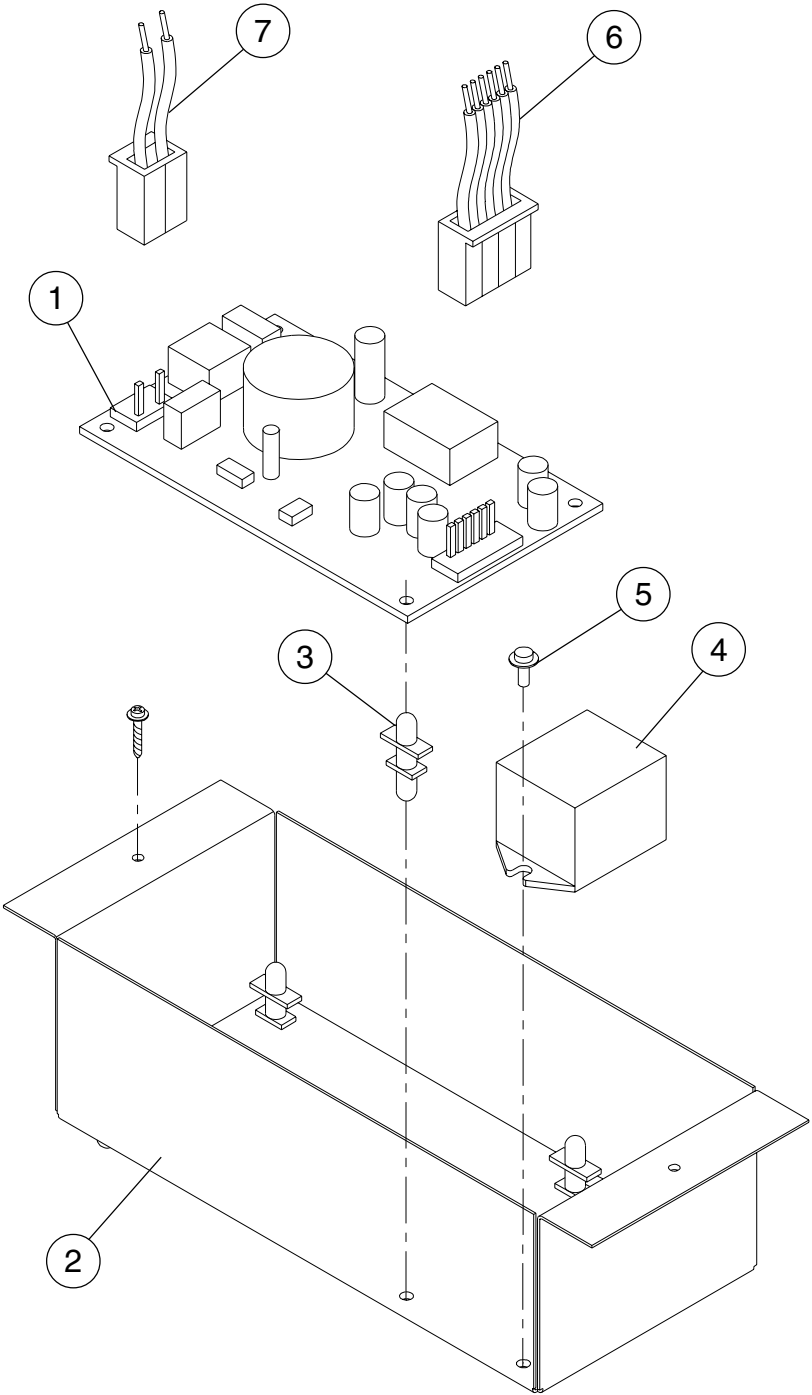




MODEL: F-450MAF TITLE: F. CHUTE ASSEMBLY										
INDEX NO.	DESCRIPTION	MATERIAL OR MODEL NUMBER	PART NUMBER	REQUIRED NUMBER						
				H-0 J-0	K-0	L-0				
1	TIE	PA	436531G01	3	3	3				
2	BAFFLE-CHUTE (A)	SS	3A0400G01	1	1	1				
	WING NUT	SS, 4	7E12-0400	6	6	6				
3	BAFFLE-CHUTE (B)	SS	3A0399G01	1	1	1				
4	BIN CONTROL	SS	338043G02	1	-					
		SS	3A1535G01		1	x1				
	BIN CONTROL ASSEMBLY	SS	3A1744G01			o1				
5	ACTUATOR	SS	436848G01	1	1	1				
6	SHAFT	SS	436851-01	1	1	1				
7	SNAP PIN	SS, SSP-5	715S-0005	2	2	2				
8	PLATE	SS	438336-01	1	-					
		SS	4A2039-01		1	1				
9	THUMB SCREW	ABS, SS	415949G04	2	2	2				
10	PROXIMITY SWITCH	RS-601	427223-01	1	-					
		-	4A2033-01		1	1				
11	COVER-SWITCH	SS	451870-01	1	-					
	TRUSS HEAD SCREW	SS, 4X8	7C32-0408	1	1	1				
12	THUMB SCREW	ABS, SS	415949G09	2	2	2				
13	PACKING	EPDM	441217-01	1	1	1				
14	CHUTE	PE	2A1308-01	1	1	1				
15	INSULATION CHUTE	PE FOAM	2A0989-01	1	1	1				







[illegible]

