

Hoshizaki America, Inc.

Low-Profile Modular Crescent Cuber

Models

KML-63 IMAH

KML-63 IMWH

KML-63 IMRH



“A Superior Degree
of Reliability”

www.hoshizaki.com

PARTS LIST



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Auxiliary Codes

KML-631MAH	S-0	May 2007
	S-2	December 2007
	T-0	January 2008
	U-0	January 2009
	U-1	July 2009
	V-0	January 2010
	V-1	July 2010
	A-0	January 2011

KML-631MWH	S-0	November 2007
	T-0	February 2008
	U-0	March 2009
	U-1	July 2009
	V-0	January 2010
	V-1	July 2010
	A-0	January 2011

KML-631MRH	S-0	May 2007
	S-2	December 2007
	T-0	February 2008
	U-0	January 2009
	U-1	July 2009
	V-0	January 2010
	V-1	July 2010
	A-0	January 2011

Auxiliary Code Breakdown

The auxiliary code is the first two characters in the serial number. The first character indicates the year. Years progress or regress in alphabetical order. The series runs from "A" through "V" and the letters "I" and "O" are skipped. The second character indicates significant part changes within a year. Base is "0" and this number advances for each change. In cases where there is a letter in parentheses, this designates the month. This is the last character in the serial number. The series runs from "(A)" through "(M)" and the letter "(I)" is skipped. This designation is only included when identifying a parts change within an auxiliary code.

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

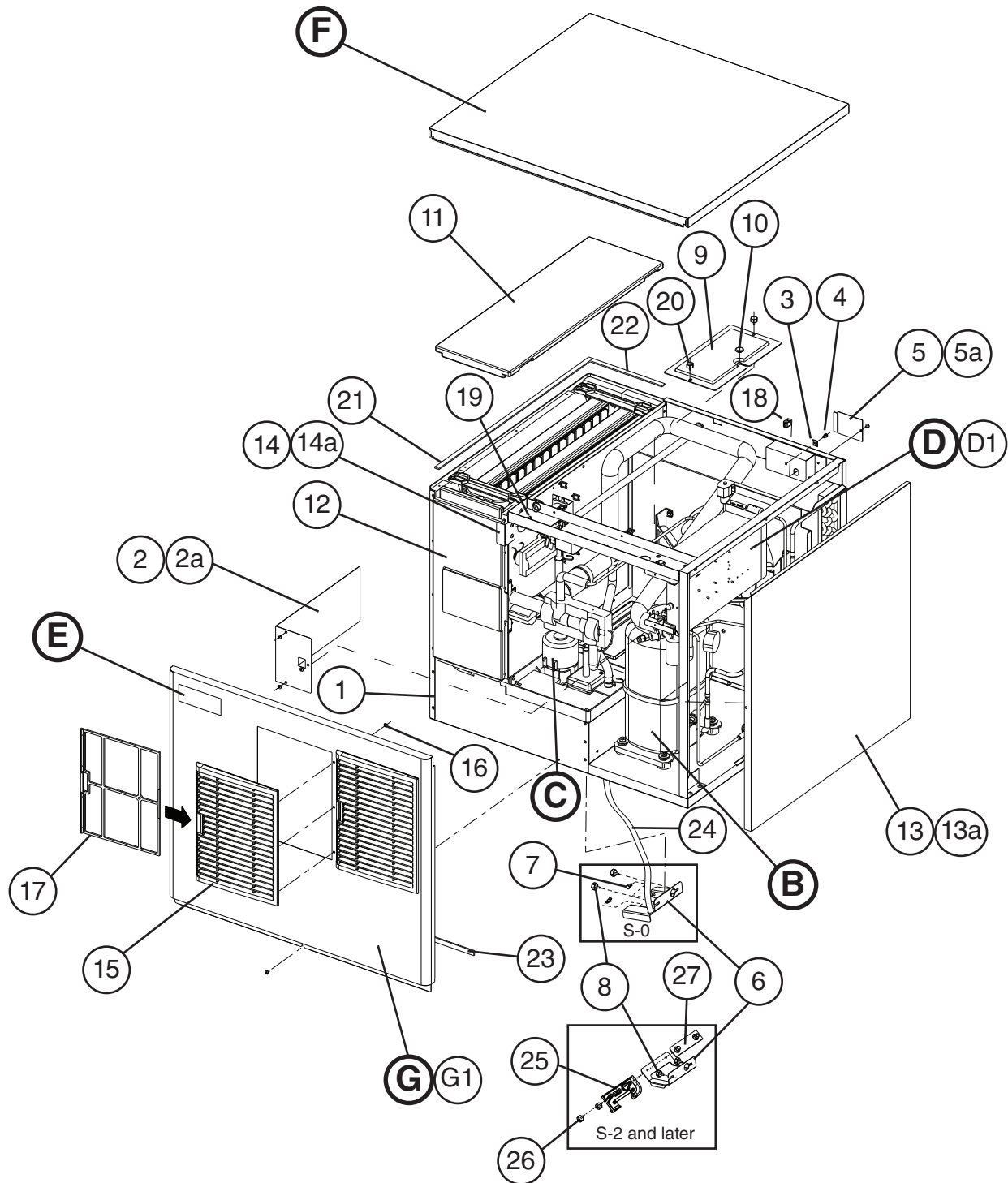
RUBBER

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

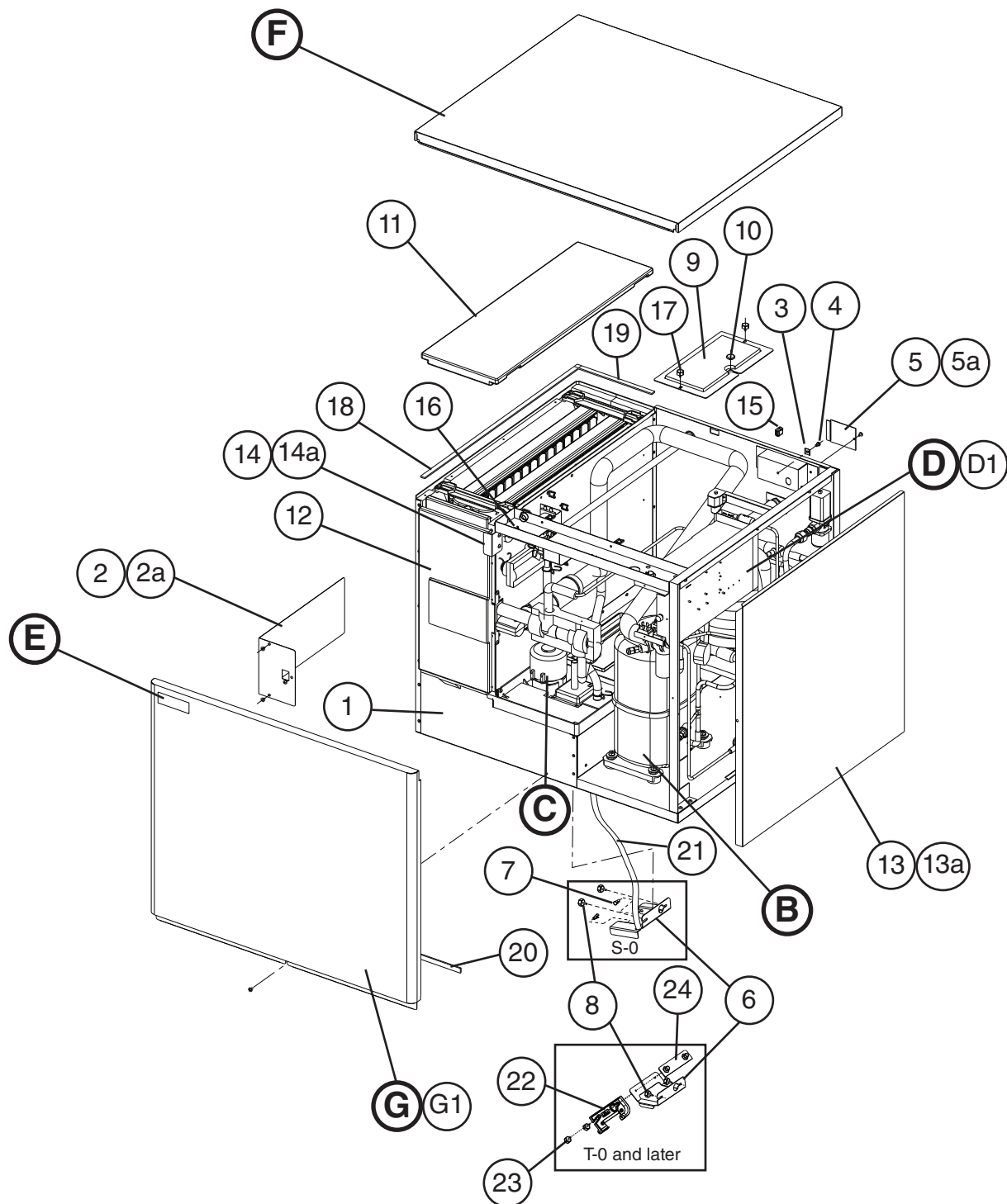
A. Ice Cuber Assembly
KML-631MAH
 S-0 to A-0



Title: A. Ice Cuber Assembly Model: KML-631MAH												
Index No.	Description	Material or Model Number	Part Number	Required Number								
				S-0	S-2	T-0 U-0	U-1	V-0	V-1 A-0			
B	Refrigeration Circuit	-	1A1204A01	1	1	1	1	-				
			1A1910A01					1	1			
C	Water Circuit	-	2A3840A01	1	1	-						
			2A3840A02			1	-					
			2A3840A03				1	1	1			
D	Control Box Assembly	-	2A3846A01	1	1	-						
			2A3846A03			1	-					
			2A3846A05				1	1	-			
			2A3846A07						1			
D1	T2 Screw	4x8	7P31-0408	3	3	3	3	3	3			
E	Label Location	-	3A3989A01	1	1	-						
			3A4845A01			1	-					
			3A5871A01				1	1	-			
			3A5871A02						1			
F	Top Panel Assembly	-	3A1862A01	1	1	1	1	1	1			
G	Front Panel Assembly	-	3A4001A01	1	1	1	1	1	1			
G1	Truss Head Screw	4x8, SS	7C32-0408	1	1	1	1	1	1			
1	Evaporator Case	-	2A3841G01	1	1	1	1	1	1			
2	Control Box Cover	GS	3A2371-01	1	1	1	1	1	1			
2a	T2 Screw	4x8	7P31-0408	3	3	3	3	3	3			
3	Square Washer	BRASS	433537-02	1	1	1	1	1	1			
4	Grounding Screw	BRASS	433304-02	1	1	1	1	1	1			
5	Junction Box Cover	GS	433410-01	1	1	1	1	1	1			
5a	T2 Screw	4x8	7P31-0408	1	1	1	1	1	1			
6	Thermostat Extension Bracket	SS	4A3436-01	1	-							
			4A4358-01		1	1	1	1	1			
7	Spacer	PE	443545-01	2	-							
8	Thumbscrew	SS, ABS	415949G10	2	2	2	2	2	2			
9	Bin Control Cover	GS	3A0664G01	1	1	1	1	1	1			
10	Capillary Ring	EP RUBBER	425307-01	1	1	1	1	1	1			
11	Top Insulation	PP	215730G01	1	1	1	1	1	1			
12	Front Insulation	PP	2A0664G02	1	1	1	1	1	1			
13	Side Panel (R)	SS	2A2114G01	1	1	1	1	1	1			
13a	T2 Screw	4x8, SS	7P32-0408	1	1	1	1	1	1			
14	Barrier - Insulation	GS	4A1167-01	1	1	1	1	1	1			
14a	T2 Screw	4x8	7P31-0408	2	2	2	2	2	2			
15	Louver	ABS	1A0548-01	2	2	2	2	2	2			
16	Push Retainer	-	4A2414-01	6	6	6	6	6	6			
17	Air Filter	-	2A2063G01	2	2	2	2	2	2			
18	Bushing	SR-30-1	420472-03	1	1	1	1	1	1			
19	Wire Saddle	VWS4238-C	4A0338-02	2	2	2	2	2	2			
20	Thumbscrew	SS, ABS	415949G08	2	2	2	2	2	2			
21	Gasket	L=655	4A0808L02	2	2	2	2	2	2			

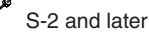
Title: A. Ice Cuber Assembly Model: KML-631MAH												
Index No.	Description	Material or Model Number	Part Number	Required Number								
				S-0	S-2	T-0 U-0	U-1	V-0	V-1 A-0			
22	Gasket	L=190	4A0808L02	1	1	1	1	1	1			
23	Gasket	L=762	4A0808L02	1	1	1	1	1	1			
24	Silicone Hose	L=310	7730I3812	1	1	1	1	1	1			
25	Bulb Holder	-	3A3903-01		1	1	1	1	1			
26	Thumbscrew	SS, ABS	415949G11		2	2	2	2	2			
27	NSF Plate	-	4A4401G01		1	1	1	1	1			

A. Ice Cuber Assembly
KML-631MWH
 S-0 to A-0



Title: A. Ice Cuber Assembly Model: KML-631MWH													
Index No.	Description	Material or Model Number	Part Number	Required Number									
				S-0	T-0 U-0	U-1	V-0	V-1 A-0					
B	Refrigeration Circuit	-	1A1205A01	1	1	1	-						
			1A1911A01				1	1					
C	Water Circuit	-	2A3840A01	1	-								
			2A3840A02		1	-							
			2A3840A03			1	1	1					
D	Control Box Assembly	-	2A3846A02	1	-								
			2A3846A04		1	-							
			2A3846A06			1	1	-					
			2A3846A08					1					
D1	T2 Screw	4x8	7P31-0408	3	3	3	3	3					
E	Label Location	-	3A3990A01	1	-								
			3A4846A01		1	-							
			3A5872A01			1	1	-					
			3A5872A02					1					
F	Top Panel Assembly	-	3A1862A01	1	1	1	1	1					
G	Front Panel Assembly	-	3A4001A02	1	1	1	1	1					
G1	Truss Head Screw	4x8, SS	7C32-0408	1	1	1	1	1					
1	Evaporator Case	-	2A3841G01	1	1	1	1	1					
2	Control Box Cover	GS	3A2371-01	1	1	1	1	1					
2a	T2 Screw	4x8	7P31-0408	3	3	3	3	3					
3	Square Washer	BRASS	433537-02	1	1	1	1	1					
4	Grounding Screw	BRASS	433304-02	1	1	1	1	1					
5	Junction Box Cover	GS	433410-01	1	1	1	1	1					
5a	T2 Screw	4x8	7P31-0408	1	1	1	1	1					
6	Thermostat Extension Bracket	SS	4A3436-01	1	-								
			4A4358-01		1	1	1	1					
7	Spacer	PE	443545-01	2	-								
8	Thumbscrew	SS, ABS	415949G10	2	2	2	2	2					
9	Bin Control Cover	GS	3A0664G01	1	1	1	1	1					
10	Capillary Ring	EP RUBBER	425307-01	1	1	1	1	1					
11	Top Insulation	PP	215730G01	1	1	1	1	1					
12	Front Insulation	PP	2A0664G02	1	1	1	1	1					
13	Side Panel (R)	SS	2A2114G01	1	1	1	1	1					
13a	T2 Screw	4x8, SS	7P32-0408	1	1	1	1	1					
14	Barrier - Insulation	GS	4A1167-01	1	1	1	1	1					
14a	T2 Screw	4x8	7P31-0408	2	2	2	2	2					
15	Bushing	SR-30-1	420472-03	1	1	1	1	1					
16	Wire Saddle	VWS4238-C	4A0338-02	2	2	2	2	2					
17	Thumbscrew	SS, ABS	415949G08	2	2	2	2	2					
18	Gasket	L=655	4A0808L02	2	2	2	2	2					
19	Gasket	L=190	4A0808L02	1	1	1	1	1					
20	Gasket	L=762	4A0808L02	1	1	1	1	1					
21	Silicone Hose	L=310	773013812	1	1	1	1	1					
22	Bulb Holder	-	3A3903-01		1	1	1	1					
23	Thumbscrew	SS, ABS	415949G11		2	2	2	2					
24	NSF Plate	-	4A4401G01		1	1	1	1					

S-0 to A-0



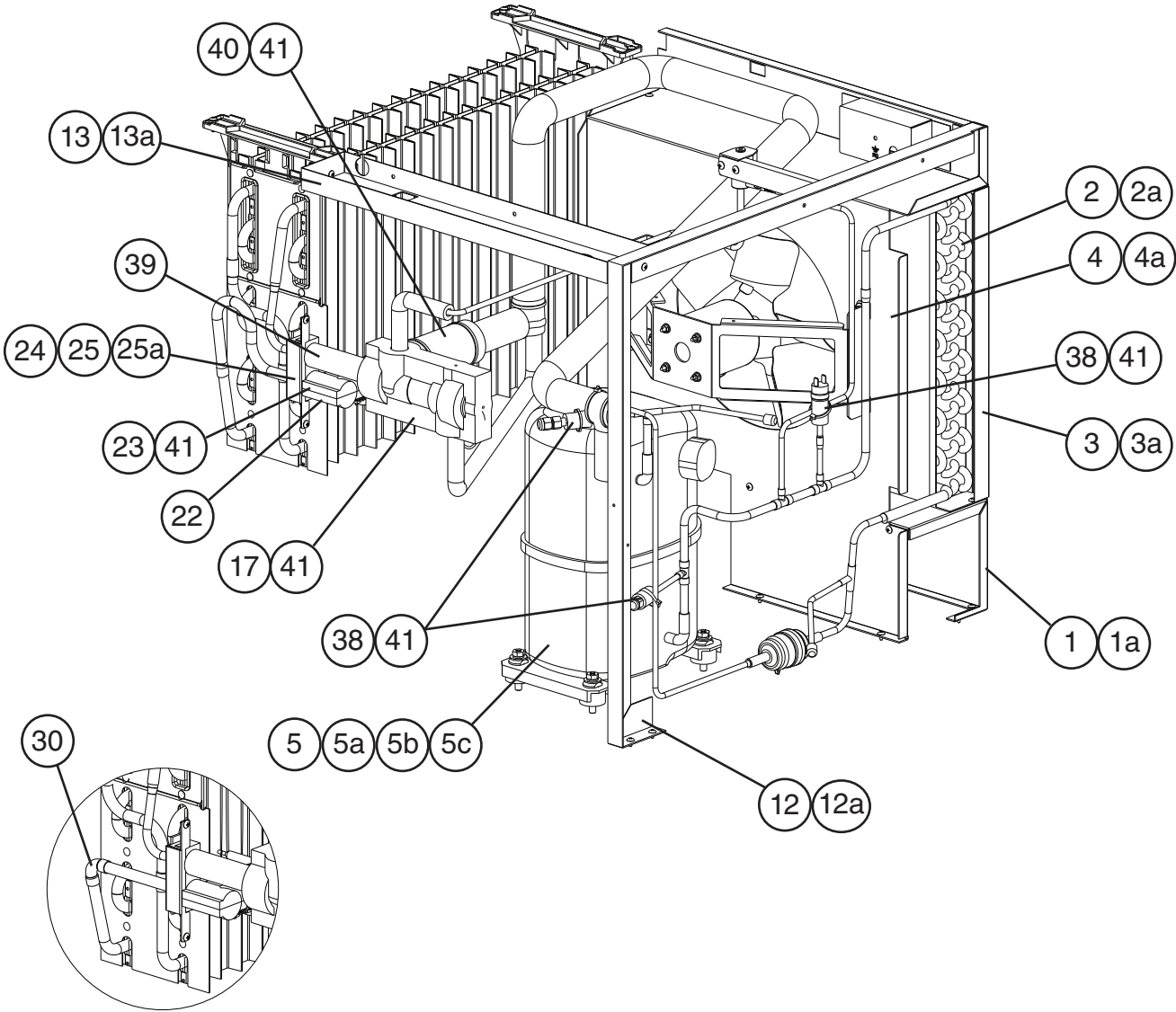
Title: A. Ice Cuber Assembly Model: KML-631MRH												
Index No.	Description	Material or Model Number	Part Number	Required Number								
				S-0	S-2	T-0 U-0	U-1	V-0	V-1 A-0			
B	Refrigeration Circuit	-	1A1206A01	1	1	1	1	-				
			1A1912A01					1	1			
C	Water Circuit	-	2A3840A01	1	1	-						
			2A3840A02			1	-					
			2A3840A03				1	1	1			
D	Control Box Assembly	-	2A3846A02	1	1	-						
			2A3846A04			1	-					
			2A3846A06				1	1	-			
			2A3846A09						1			
D1	T2 Screw	4x8	7P31-0408	3	3	3	3	3	3			
E	Label Location	-	3A3991A01	1	1	-						
			3A4847A01			1	-					
			3A5873A01				1	1	-			
			3A5873A02						1			
F	Top Panel Assembly	-	3A1862A01	1	1	1	1	1	1			
G	Front Panel Assembly	-	3A4001A02	1	1	1	1	1	1			
G1	Truss Head Screw	4x8, SS	7C32-0408	1	1	1	1	1	1			
1	Evaporator Case	-	2A3841G01	1	1	1	1	1	1			
2	Control Box Cover	GS	3A2371-01	1	1	1	1	1	1			
2a	T2 Screw	4x8	7P31-0408	3	3	3	3	3	3			
3	Square Washer	BRASS	433537-02	2	2	2	2	2	2			
4	Grounding Screw	BRASS	433304-02	2	2	2	2	2	2			
5	Junction Box Cover	GS	433410-01	2	2	2	2	2	2			
5a	T2 Screw	4x8	7P31-0408	2	2	2	2	2	2			
6	Thermostat Extension Bracket	SS	4A3436-01	1	-							
			4A4358-01		1	1	1	1	1			
7	Spacer	PE	443545-01	2	-							
8	Thumbscrew	SS, ABS	415949G10	2	2	2	2	2	2			
9	Bin Control Cover	GS	3A0664G01	1	1	1	1	1	1			
10	Capillary Ring	EP RUBBER	425307-01	1	1	1	1	1	1			
11	Top Insulation	PP	215730G01	1	1	1	1	1	1			
12	Front Insulation	PP	2A0664G02	1	1	1	1	1	1			
13	Side Panel (R)	SS	2A2114G01	1	1	1	1	1	1			
13a	T2 Screw	4x8, SS	7P32-0408	1	1	1	1	1	1			
14	Barrier - Insulation	GS	4A1167-01	1	1	1	1	1	1			
14a	T2 Screw	4x8	7P31-0408	2	2	2	2	2	2			
15	Bushing	SR-30-1	420472-03	2	2	2	2	2	2			
16	Wire Saddle	VWS4238-C	4A0338-02	2	2	2	2	2	2			
17	Thumbscrew	SS, ABS	415949G08	2	2	2	2	2	2			
18	Gasket	L=655	4A0808L02	2	2	2	2	2	2			
19	Gasket	L=190	4A0808L02	1	1	1	1	1	1			
20	Gasket	L=762	4A0808L02	1	1	1	1	1	1			
21	Silicone Hose	L=310	7730I3812	1	1	1	1	1	1			
22	Bulb Holder	-	3A3903-01		1	1	1	1	1			
23	Thumbscrew	SS, ABS	415949G11		2	2	2	2	2			
24	NSF Plate	-	4A4401G01		1	1	1	1	1			

B. Refrigeration Circuit

1/2

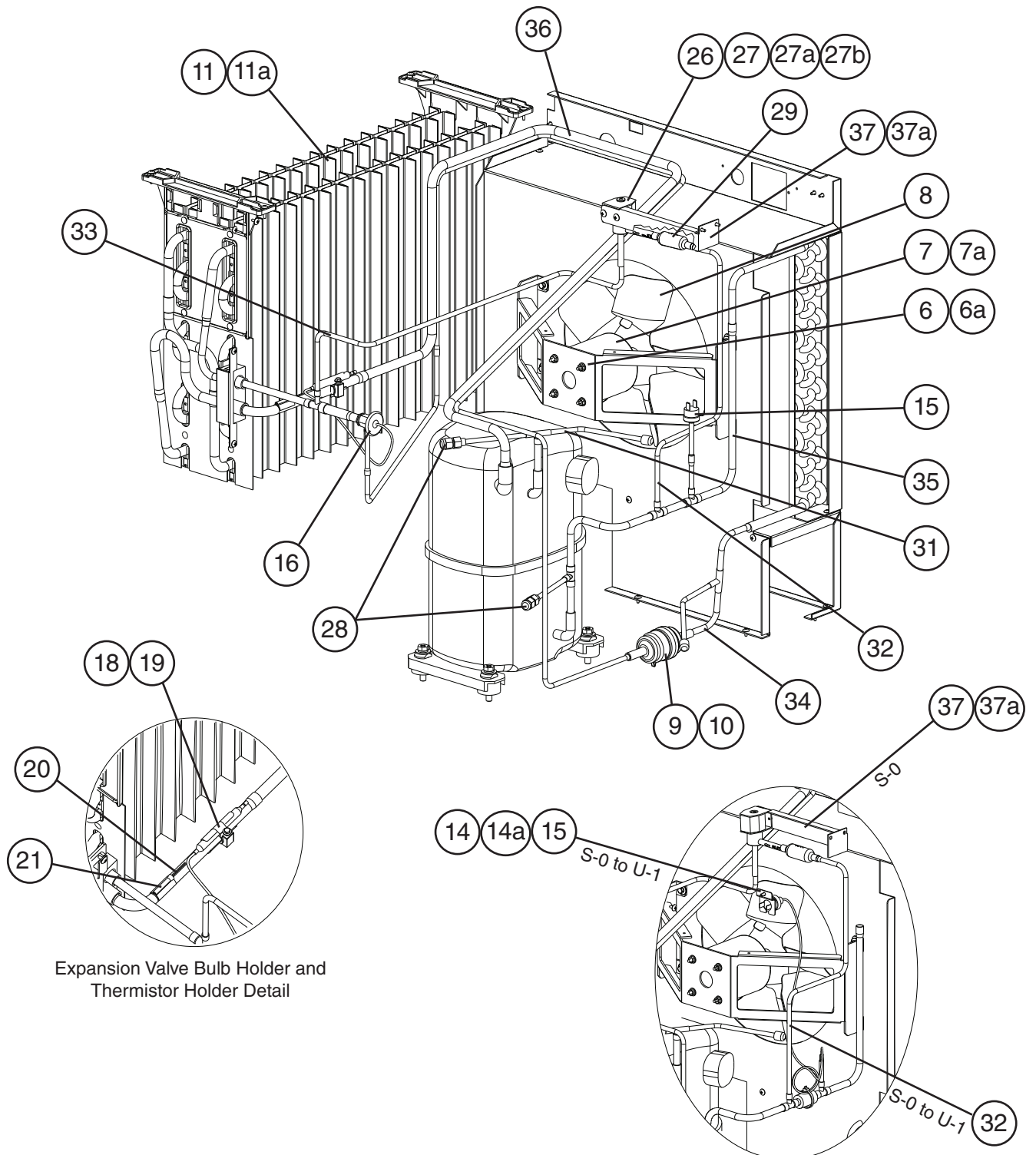
KML-631MAH

S-0 to A-0



S-0 to U-1

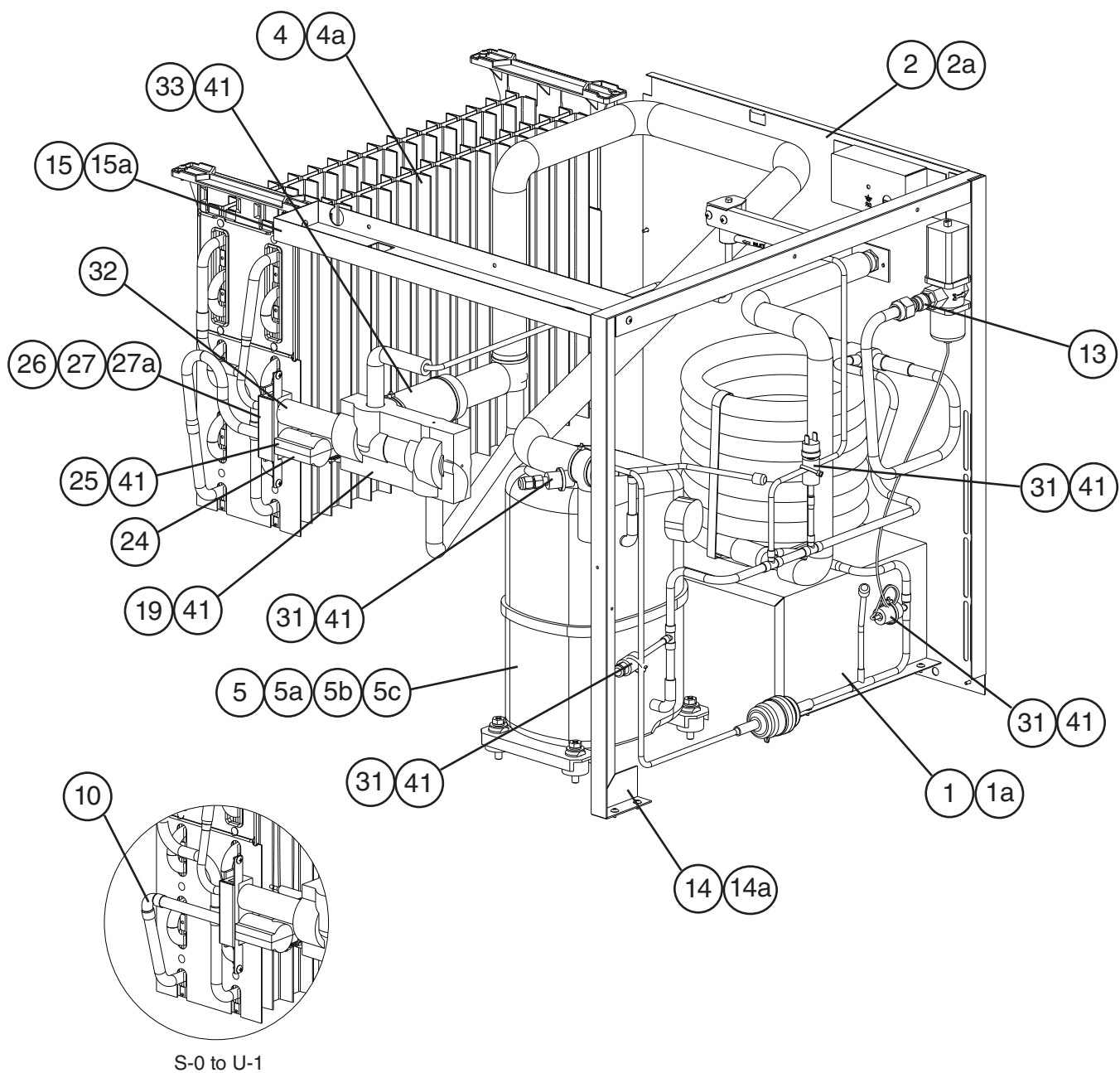
B. Refrigeration Circuit
2/2
KML-631MAH
 S-0 to A-0



Title: B. Refrigeration Circuit Model: KML-631MAH												
Index No.	Description	Material or Model Number	Part Number	Required Number								
				S-0	S-2 to U-1	V-0 to A-0						
1	Condenser Support	GS	3A3870-01	1	1	1						
1a	T2 Screw	4x8	7P31-0408	3	3	3						
2	Condenser	-	1A1245-01	1	1	1						
2a	T2 Screw	4x8	7P31-0408	3	3	3						
3	Barrier	GS	4A4110-01	1	1	1						
3a	T2 Screw	4x8	7P31-0408	2	2	2						
4	Shroud	GS	3A4099G01	1	1	1						
4a	T2 Screw	4x8	7P31-0408	7	7	7						
5	Compressor	CS08KQE-PFV-255	4A4066-01	1	1	1						
5a	Spacer	028-0188-02	434921-01	4	4	4						
5b	Grommet	027-0167-00	434922-01	4	4	4						
5c	Bolt	8x45	437889-04	4	4	4						
6	Fan Motor Bracket	GS	3A3967-01	1	1	1						
6a	Hex Head Bolt w/Washer (LF)	5x12	7B0130512	4	4	4						
7	Fan Motor	5KCP84DFK148S	4A3158-01	1	1	1						
7a	Self Locking Nut	NO. 8-32	7N2110832	4	4	4						
8	Fan Blade	AD10CW40	4A4014-01	1	1	1						
9	Drier	C-03E126	4A2666-01	1	1	1						
10	Nylon Tie	PLWP3H-TL	8911-0301	1	1	1						
11	Evaporator	-	106492G01	1	1	1						
11a	T2 Screw	4x16, SS	7P32-0416	4	4	4						
12	Frame (A)	GS	2A1153-01	1	1	1						
12a	T2 Screw	4x8	7P31-0408	4	4	4						
13	Frame (B)	GS	3A0595-01	1	1	1						
13a	T2 Screw	4x8	7P31-0408	4	4	4						
14	Pressure Switch Bracket	GS	434938-01	1	1	-						
14a	T2 Screw	4x8	7P31-0408	1	1	-						
15	Pressure Switch	ACB-1UB09	433441-07	1	1	-						
			463180-04			1						
16	Expansion Valve	HFE-15 NHD-2	4A1482-01	1	1	1						
17	Expansion Valve Cover	PE FOAM	3A0944-01	1	1	1						
18	Expansion Valve Bulb Holder	SS	3A0107-01	1	1	1						
19	Clamp	SS	443461-02	1	1	1						
20	Thermistor	-	429006-03	1	1	1						
21	Thermistor Holder	COPPER	427430-01	1	1	1						
22	Thermistor Insulation (A)	PE FOAM	439368-01	1	1	1						
23	Thermistor Insulation (B)	PE FOAM	439368-02	1	1	1						
24	Insulated Rubber Tube	-	4A1008G01	1	1	1						
25	Insulation Holder	SS	3A1084-01	1	1	-						
			4A3902-01			1						
25a	T2 Screw	4x8, SS	7P32-0408	2	2	2						
26	Valve Body (hot gas)	ATS-B7SHDU-2	4A3978-01	1	1	1						
27	Valve Coil (hot gas)	AMS-C12H DU-3	4A3277-01	1	1	1						
27a	Bolt	-	4A3277F01	1	1	1						
27b	Truss Head Screw	4x8	7C31-0408	2	2	2						

Title: B. Refrigeration Circuit Model: KML-631MAH											
Index No.	Description	Material or Model Number	Part Number	Required Number							
				S-0	S-2 to U-1	V-0 to A-0					
28	Access Valve	TCJ-2F2ONHDU-1	457729-01	2	2	2					
29	Strainer	-	441569-02	1	1	1					
30	Elbow	COPPER	4A3152-01	1	1	-					
31	Copper Tube (A) - Low Side	COPPER	3A4058G01	1	1	1					
32	Copper Tube (A) - High Side	COPPER	2A3879G01	1	1	-					
			2A5326G01			1					
33	Copper Tube (B) - Low Side	COPPER	3A4059G01	1	1	1					
34	Copper Tube (B) - High Side	COPPER	3A4060G01	1	1	1					
35	Copper Tube (G) - High Side	COPPER	4A4093-01	1	1	1					
36	Heat Exchanger	COPPER	2A3876G01	1	1	-					
			2A5327G01			1					
37	Hot Gas Valve Bracket	GS	4A1999-01	1	-						
			442162-01		1	1					
37a	T2 Screw	4x8	7P31-0408	2	2	2					
38	Insulation Tube	L=30	7762-1020	3	3	3					
39	Insulation Tube	L=125	7762-1030	1	1	1					
40	Insulation Tube	L=200	7762-3555	1	1	1					
41	Cable Tie	PLT-2M	8911-0200	12	12	11					

B. Refrigeration Circuit
1/2
KML-631MWH
 S-0 to A-0

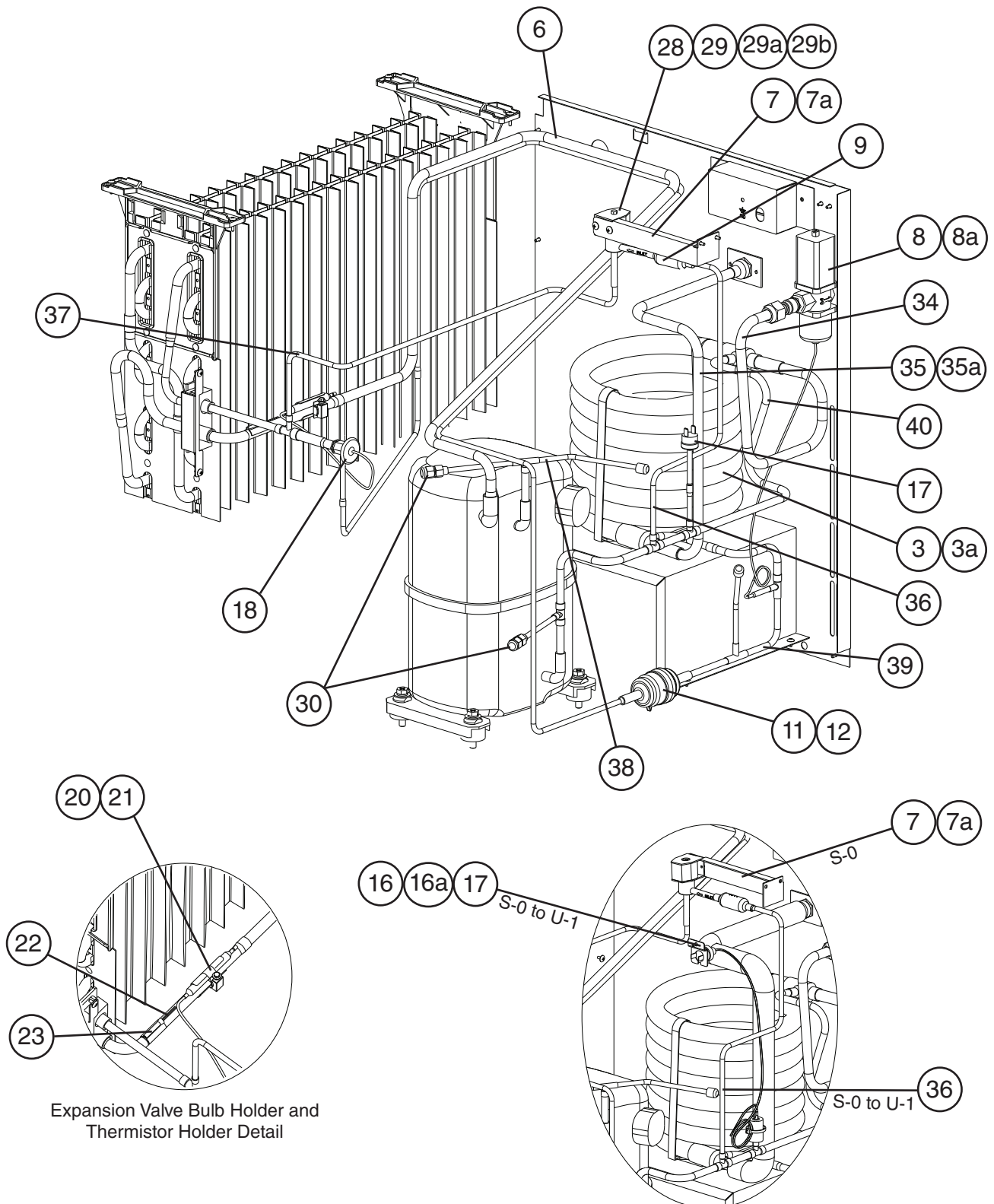


B. Refrigeration Circuit

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KML-631MWH

S-0 to A-0



Title: B. Refrigeration Circuit Model: KML-631MWH												
Index No.	Description	Material or Model Number	Part Number	Required Number								
				S-0	T-0 to U-1	V-0 to A-0						
1	Condenser Support	GS	2A2490-01	1	1	1						
1a	T2 Screw	4x8	7P31-0408	4	4	4						
2	Rear Panel	GS	3A1115G01	1	1	1						
2a	T2 Screw	4x8	7P31-0408	9	9	9						
3	Condenser	HS-0162	2A2359G03	1	1	1						
3a	Hex Head Bolt w/Washer (LF)	5x10, SS	7B0230510	2	2	2						
4	Evaporator	-	106492G01	1	1	1						
4a	T2 Screw	4x16, SS	7P32-0416	4	4	4						
5	Compressor	CS08KQE-PFV-255	4A4066-01	1	1	1						
5a	Spacer	028-0188-02	434921-01	4	4	4						
5b	Grommet	027-0167-00	434922-01	4	4	4						
5c	Bolt	8x45	437889-04	4	4	4						
6	Heat Exchanger	COPPER	2A3876G01	1	1	-						
			2A5327G01			1						
7	Hot Gas Valve Bracket	GS	4A1999-01	1	-							
			442162-01		1	1						
7a	T2 Screw	4x8	7P31-0408	2	2	2						
8	Water Regulator	V46DA-8	4A0911-07	1	1	1						
8a	Truss Head Screw	4x6	7C31-0406	2	2	2						
9	Strainer	-	441569-02	1	1	1						
10	Elbow	COPPER	4A3152-01	1	1	-						
11	Drier	C-03E126	4A2666-01	1	1	1						
12	Nylon Tie	PLWP3H-TL	8911-0301	1	1	1						
13	Male Connector	BRASS	4A1087-01	1	1	1						
14	Frame (A)	GS	2A1153-01	1	1	1						
14a	T2 Screw	4x8	7P31-0408	4	4	4						
15	Frame (B)	GS	3A0595-01	1	1	1						
15a	T2 Screw	4x8	7P31-0408	4	4	4						
16	Pressure Switch Bracket	GS	434938-01	1	1	-						
16a	T2 Screw	4x8	7P31-0408	1	1	-						
17	Pressure Switch	ACB-2UB04	433441-05	1	1	-						
			463180-05			1						
18	Expansion Valve	HFE-15 NHD-2	4A1482-01	1	1	1						
19	Expansion Valve Cover	PE FOAM	3A0944-01	1	1	1						
20	Expansion Valve Bulb Holder	SS	3A0107-01	1	1	1						
21	Clamp	SS	443461-02	1	1	1						
22	Thermistor	-	429006-03	1	1	1						
23	Thermistor Holder	COPPER	427430-01	1	1	1						
24	Thermistor Insulation (A)	PE FOAM	439368-01	1	1	1						
25	Thermistor Insulation (B)	PE FOAM	439368-02	1	1	1						
26	Insulated Rubber Tube	-	4A1008G01	1	1	1						

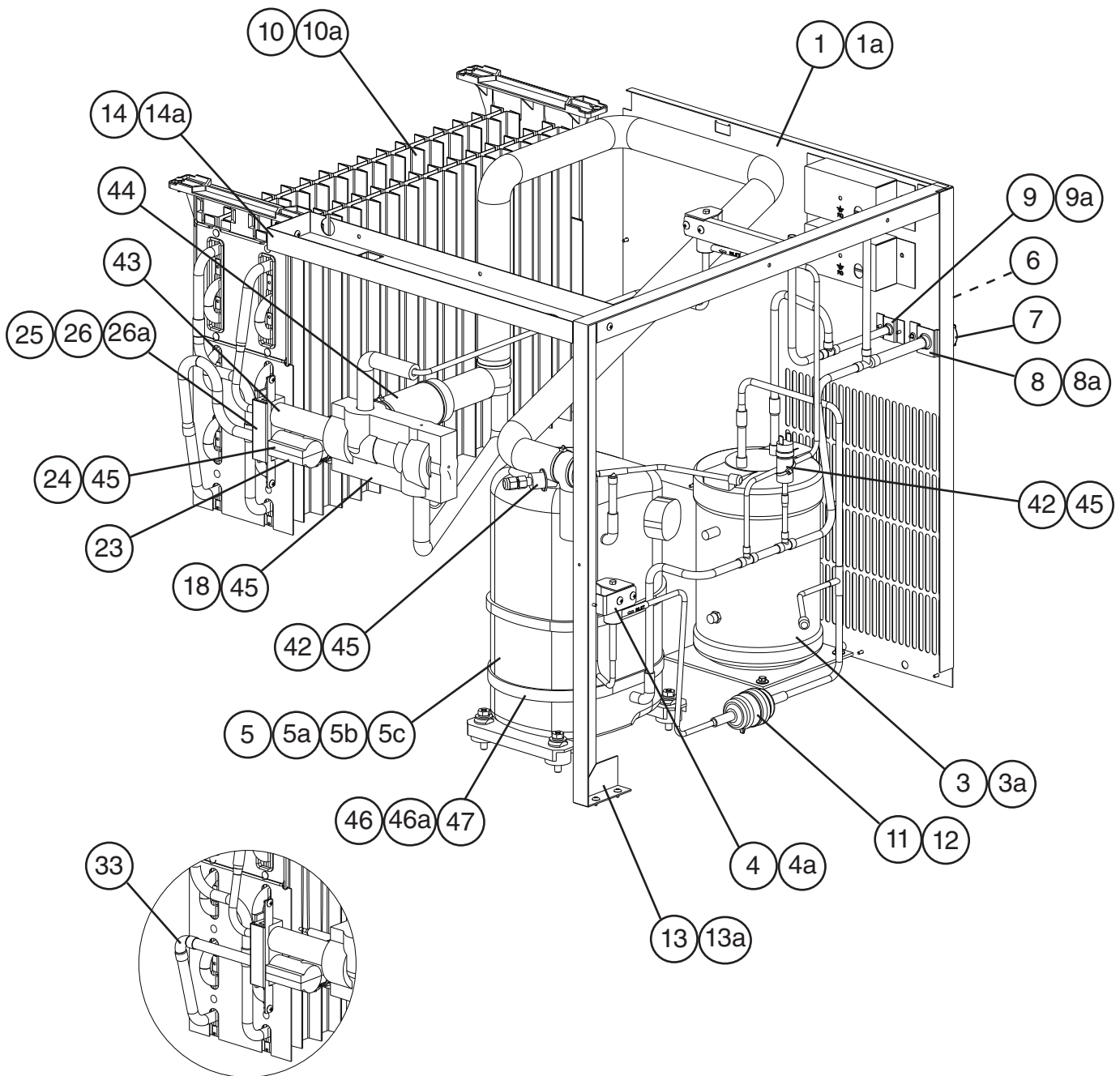
Title: B. Refrigeration Circuit Model: KML-631MWH											
Index No.	Description	Material or Model Number	Part Number	Required Number							
				S-0	T-0 to U-1	V-0 to A-0					
27	Insulation Holder	SS	3A1084-01	1	1	-					
			4A3902-01			1					
27a	T2 Screw	4x8, SS	7P32-0408	2	2	2					
28	Valve Body (hot gas)	ATS-B7SHDU-2	4A3978-01	1	1	1					
29	Valve Coil (hot gas)	AMS-C12HDU-3	4A3277-01	1	1	1					
29a	Bolt	-	4A3277F01	1	1	1					
29b	Truss Head Screw	4x8	7C31-0408	2	2	2					
30	Access Valve	TCJ-2F2ONHDU-1	457729-01	2	2	2					
31	Insulation Tube	L=30	7762-1020	4	4	4					
32	Insulation Tube	L=125	7762-1030	1	1	1					
33	Insulation Tube	L=200	7762-3555	1	1	1					
34	Copper Tube - Condenser Outlet	COPPER	4A2775G01	1	1	1					
35	Copper Tube - Condenser Inlet	COPPER	3A4328G01	1	1	1					
35a	Truss Head Screw	4x6	7C31-0406	2	2	2					
36	Copper Tube (A) - High Side	COPPER	2A3879G01	1	1	-					
			2A5326G01			1					
37	Copper Tube (B) - Low Side	COPPER	3A4059G01	1	1	1					
38	Copper Tube (A) - Low Side	COPPER	3A4058G01	1	1	1					
39	Copper Tube (D) - High Side	COPPER	2A3878G01	1	1	1					
40	Copper Tube (G) - High Side	COPPER	4A4094-01	1	1	1					
41	Cable Tie	PLT-2M	8911-0200	13	13	13					

B. Refrigeration Circuit

1/2

KML-631MRH

S-0 to A-0



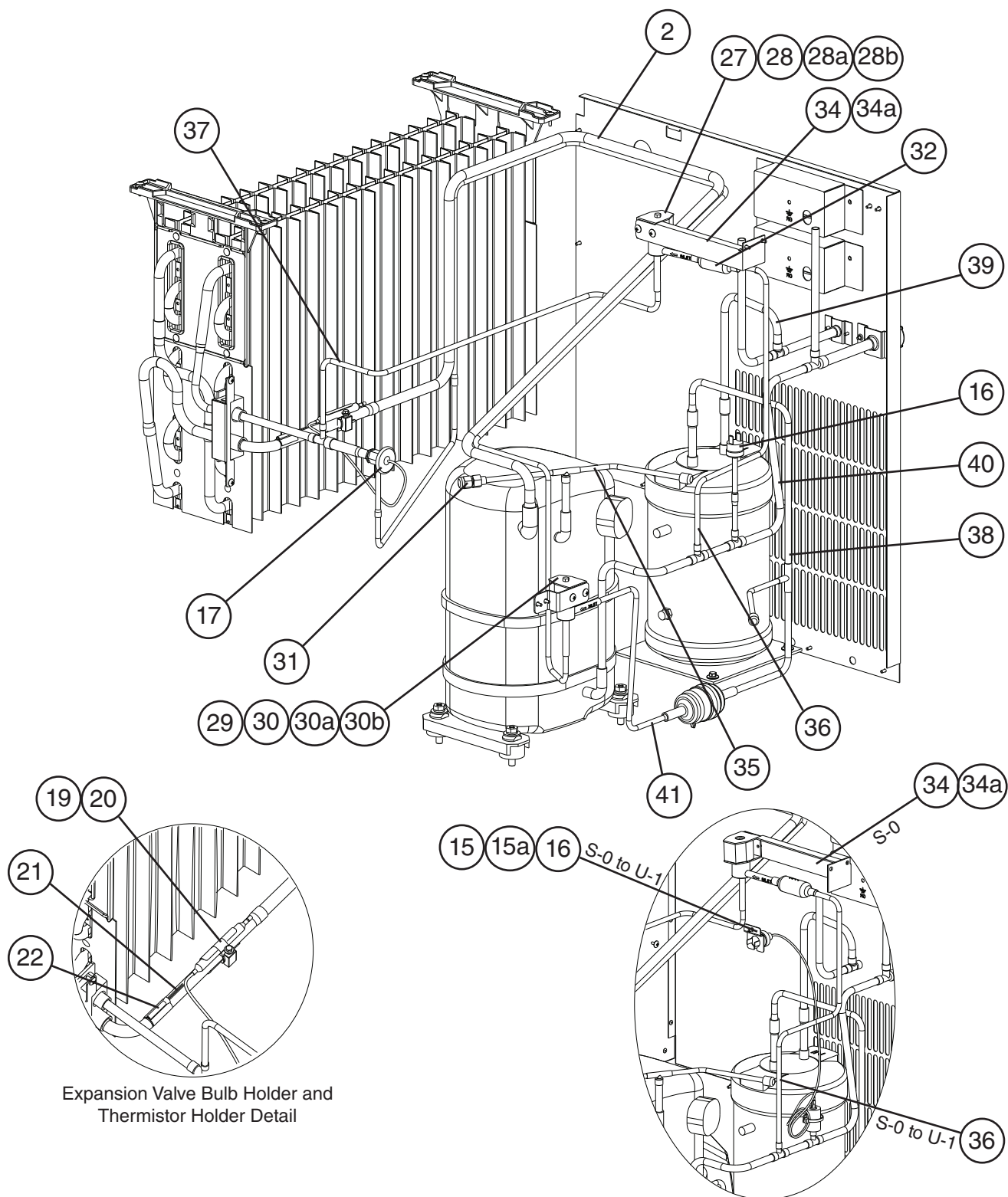
S-0 to U-1

B. Refrigeration Circuit

2/2

KML-631MRH

S-0 to A-0



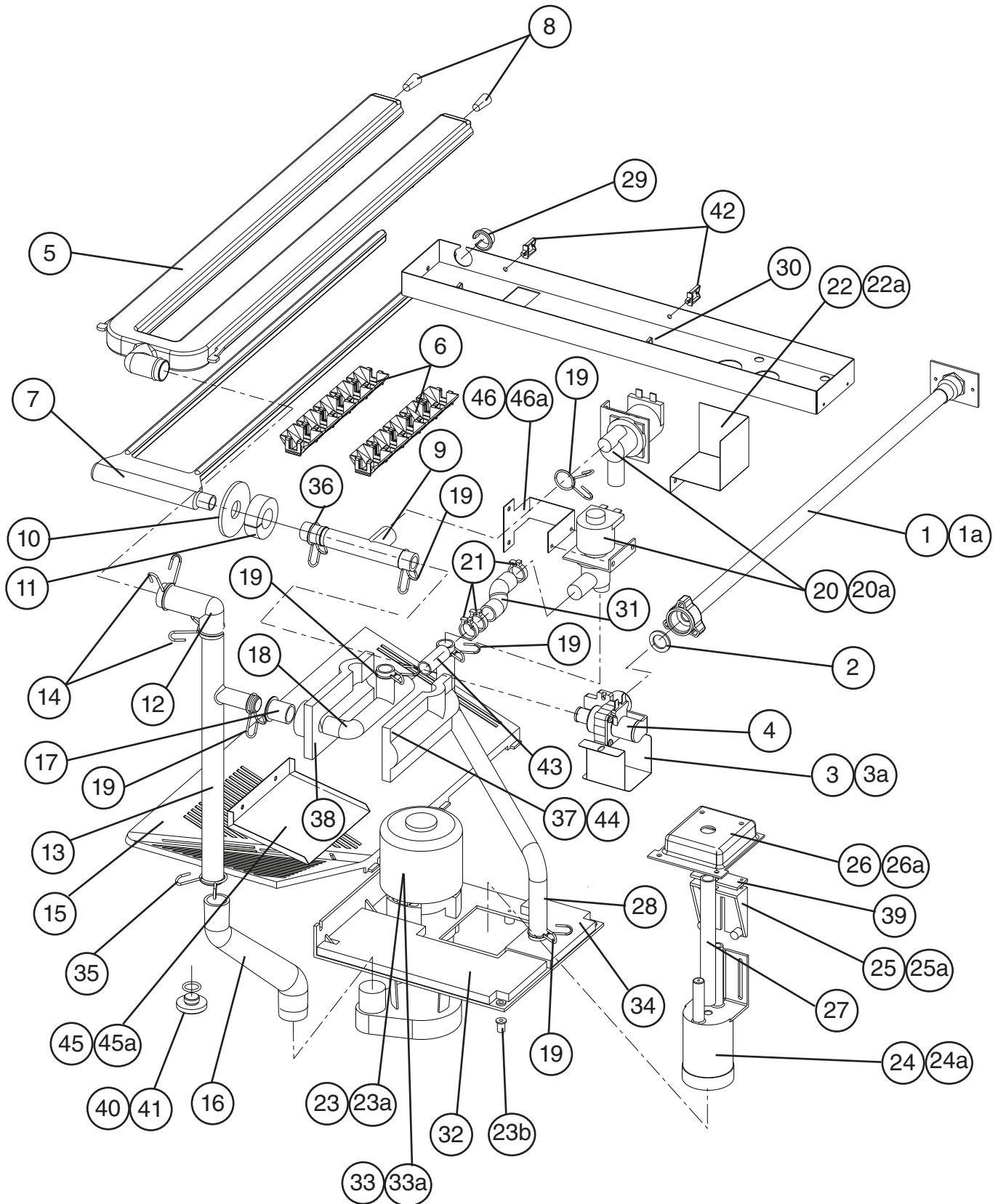
Title: B. Refrigeration Circuit Model: KML-631MRH											
Index No.	Description	Material or Model Number	Part Number	Required Number							
				S-0	S-2 to U-1	V-0 to A-0					
1	Rear Panel	GS	3A1068G01	1	1	1					
1a	T2 Screw	4x8	7P31-0408	9	9	9					
2	Heat Exchanger	COPPER	2A3876G02	1	1	-					
			2A5327G02			1					
3	Receiver Tank	RRMNWP450	437652-01	1	1	1					
3a	Hex Head Bolt w/Washer (LF)	5x10	7B0130510	3	3	3					
4	Line Valve Bracket	GS	4A1406-01	1	1	1					
4a	T2 Screw	4x8	7P31-0408	2	2	2					
5	Compressor	CS08KQE-PFV-255	4A4066-01	1	1	1					
5a	Spacer	028-0188-02	434921-01	4	4	4					
5b	Grommet	027-0167-00	434922-01	4	4	4					
5c	Bolt	8x45	437889-04	4	4	4					
6	Coupling	BRASS	433751G01	1	1	1					
7	Coupling	BRASS	434136G01	1	1	1					
8	Tube Holder - L	GS	438245-01	1	1	1					
8a	T2 Screw	4x8	7P31-0408	2	2	2					
9	Tube Holder - S	GS	438246-01	1	1	1					
9a	T2 Screw	4x8	7P31-0408	2	2	2					
10	Evaporator	-	106492G01	1	1	1					
10a	T2 Screw	4x16, SS	7P32-0416	4	4	4					
11	Drier	C-03E126	4A2666-01	1	1	1					
12	Nylon Tie	PLWP3H-TL	8911-0301	1	1	1					
13	Frame (A)	GS	2A1153-01	1	1	1					
13a	T2 Screw	4x8	7P31-0408	4	4	4					
14	Frame (B)	GS	3A0595-01	1	1	1					
14a	T2 Screw	4x8	7P31-0408	4	4	4					
15	Pressure Switch Bracket	GS	434938-01	1	1	-					
15a	T2 Screw	4x8	7P31-0408	1	1	-					
16	Pressure Switch	ACB-1UB09	433441-07	1	1	-					
			463180-04			1					
17	Expansion Valve	HFE-15 NHD-2	4A1482-01	1	1	1					
18	Expansion Valve Cover	PE FOAM	3A0944-01	1	1	1					
19	Expansion Valve Bulb Holder	SS	3A0107-01	1	1	1					
20	Clamp	SS	443461-02	1	1	1					
21	Thermistor	-	429006-03	1	1	1					
22	Thermistor Holder	COPPER	427430-01	1	1	1					
23	Thermistor Insulation (A)	PE FOAM	439368-01	1	1	1					
24	Thermistor Insulation (B)	PE FOAM	439368-02	1	1	1					
25	Insulated Rubber Tube	-	4A1008G01	1	1	1					
26	Insulation Holder	SS	3A1084-01	1	1	-					
			4A3902-01			1					
26a	T2 Screw	4x8, SS	7P32-0408	2	2	2					

Title: B. Refrigeration Circuit Model: KML-631MRH											
Index No.	Description	Material or Model Number	Part Number	Required Number							
				S-0	S-2 to U-1	V-0 to A-0					
27	Valve Body (hot gas)	ATS-B7SHDU-2	4A3978-01	1	1	1					
28	Valve Coil (hot gas)	AMS-C12HDU-3	4A3277-01	1	1	1					
28a	Bolt	-	4A3277F01	1	1	1					
28b	Truss Head Screw	4x8	7C31-0408	2	2	2					
29	Valve Body (line)	ATS-B7SHDU-1	4A3276-01	1	1	1					
30	Valve Coil (line)	AMS-C12HDU-3	4A3277-01	1	1	1					
30a	Bolt	-	4A3277F01	1	1	1					
30b	Truss Head Screw	4x8	7C31-0408	2	2	2					
31	Access Valve	-	457729-01	1	1	1					
32	Strainer	-	441569-02	1	1	1					
33	Elbow	COPPER	4A3152-01	1	1	-					
34	Hot Gas Valve Bracket	GS	4A1999-01	1	-						
			442162-01		1	1					
34a	T2 Screw	4x8	7P31-0408	2	2	2					
35	Copper Tube (A) - Low Side	COPPER	3A4058G01	1	1	1					
36	Copper Tube (A) - High Side	COPPER	2A3879G02	1	1	-					
			2A5326G02			1					
37	Copper Tube (B) - Low Side	COPPER	3A4059G01	1	1	1					
38	Copper Tube (E) - High Side	COPPER	2A3877G01	1	1	1					
39	Copper Tube (F) - High Side	COPPER	3A4063G01	1	1	1					
40	Copper Tube (G) - High Side	COPPER	3A4062G01	1	1	1					
41	Copper Tube (H) - High Side	COPPER	4A4095-01	1	1	1					
42	Insulation Tube	L=30	7762-1020	2	2	2					
43	Insulation Tube	L=125	7762-1030	1	1	1					
44	Insulation Tube	L=200	7762-3555	1	1	1					
45	Cable Tie	PLT-2M	8911-0200	11	11	11					
46	Crankcase Heater	018-0037-00	434924-01	1	1	1					
46a	T2 Screw	4x8	7P31-0408	1	1	1					
47	Silicone Hose	L=30	773013812	1	1	1					

C. Water Circuit

KML-631MAH, KML-631MWH, KML-631MRH

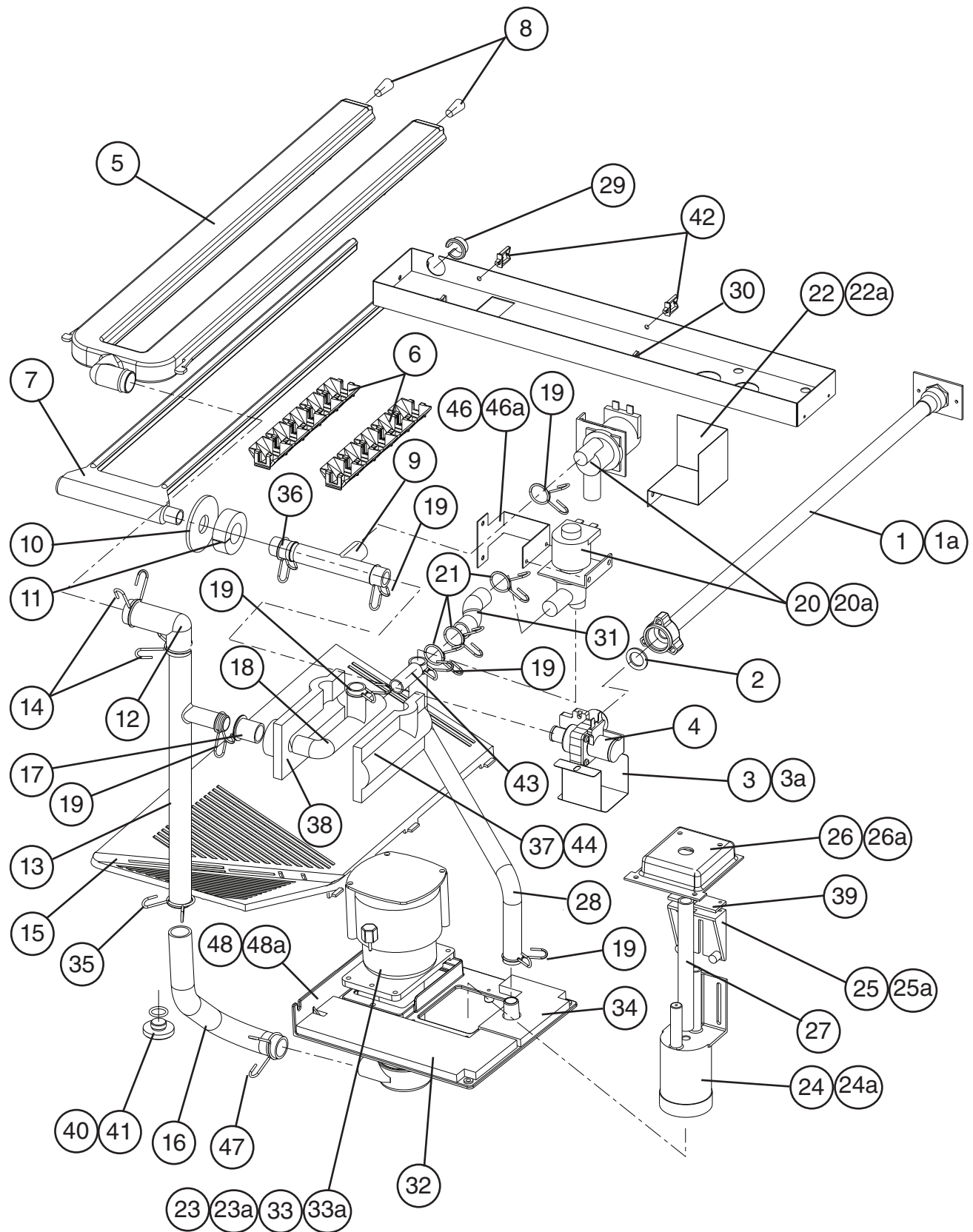
S-0 to T-0



C. Water Circuit

KML-631MAH, KML-631MWH, KML-631MRH

U-1 to A-0



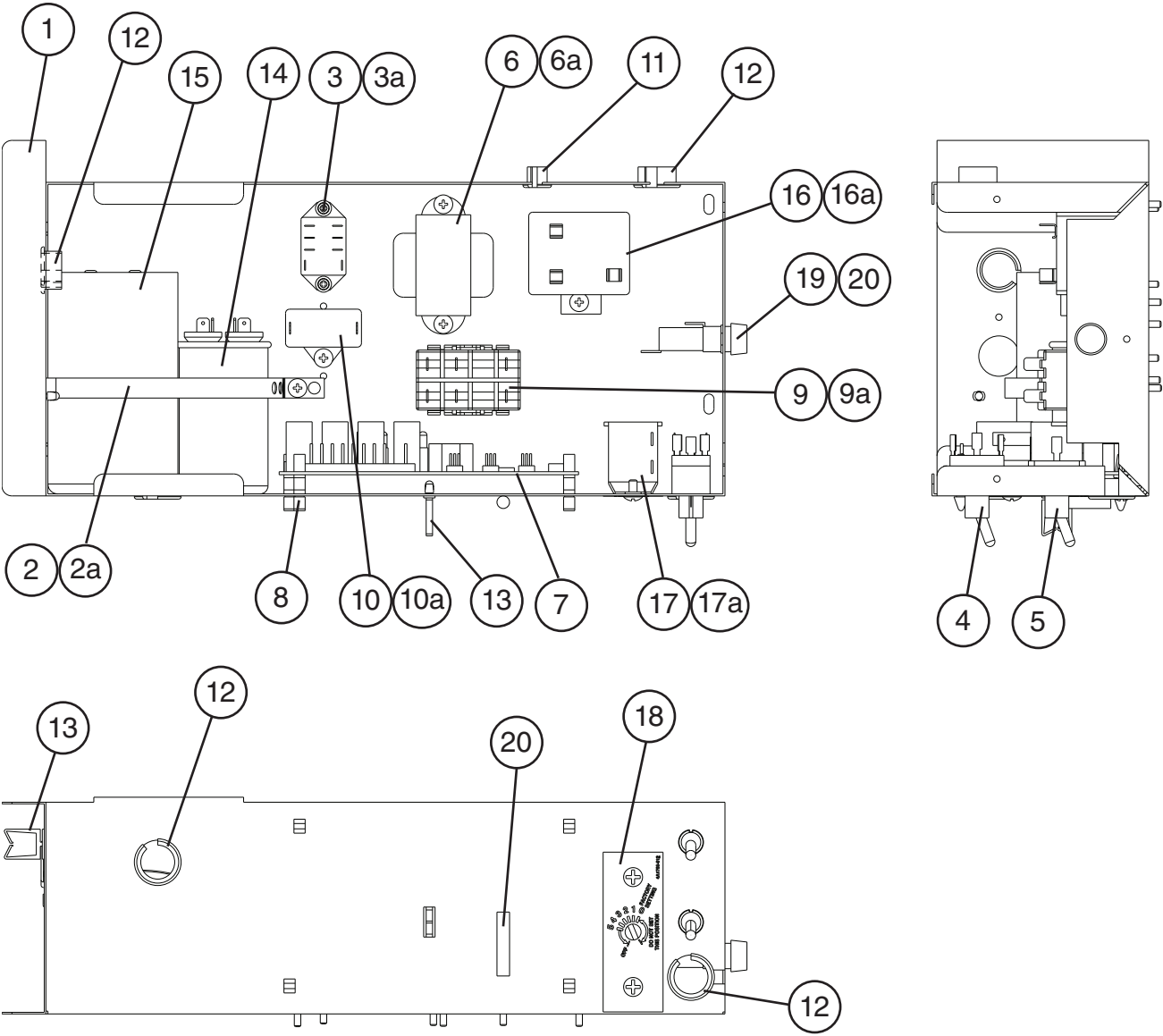
Title: C. Water Circuit Model: KML-631MAH, KML-631MWH, KML-631MRH											
Index No.	Description	Material or Model Number	Part Number	Required Number							
				S-0	S-2	T-0 U-0	U-1 to A-0				
1	Water Supply Pipe	COPPER	4A0768G04	1	1	1	1				
1a	T2 Screw	4x8	7P31-0408	2	2	2	2				
2	Rubber Gasket	NR	413854-03	1	1	1	1				
3	Water Valve Bracket	GS	321443-01	1	1	1	1				
3a	T2 Screw	4x8	7P31-0408	1	1	1	1				
4	Water Valve	J248-072	3U0111-04	1	1	1	1				
5	Spray Tube	PE	1A0260-02	1	1	1	1				
6	Spray Guide (A)	PE	208586-01	6	6	6	6				
7	Water Supply Tube	PE	2A0079-01	1	1	1	1				
8	Plug	EPDM	4A0176-01	2	2	2	2				
9	Water Supply Tee	SANTOPRENE	4A1006-01	1	1	1	1				
10	Flange	EPDM	439267-01	1	1	1	1				
11	Insulation (E)	PE FOAM	4A0392-01	1	1	1	1				
12	Elbow	-	4A0393-01	1	1	1	1				
13	Connecting Pipe	PE	3A1335-02	1	1	1	1				
14	Hose Clamp	SS, 25 mm	427443-03	2	2	2	2				
15	Cube Guide (A)	ABS	2A0660-01	1	1	1	1				
16	Pump Hose	EPDM	4A1007-01	1	1	1	-				
	Vinyl Hose	L=245	7716-2025				1				
17	Rubber Ring	EPDM	4A1004-01	1	1	1	1				
18	Bypass Hose	SANTOPRENE	4A1005-01	1	1	1	1				
19	Hose Clamp	SS, 18 mm	427443-05	6	6	6	6				
20	Solenoid Valve	-	439322-01	2	-						
			4A3722-01		2	2	2				
20a	Truss Head Screw	4x8	7C31-0408	4	4	4	4				
21	Hose Clamp	-	4A2017-06	3	-						
			427443-05		3	3	3				
22	Solenoid Cover	GS	4A0996-01	1	1	1	1				
22a	T2 Screw	4x8	7P31-0408	2	2	2	2				
23	Pump	-	2A2861-01	1	1	-					
			2A4408-01			1	-				
			4A4259-01				1				
23a	Truss Head Screw	4x16, SS	7C32-0416	4	4	4	-				
	Thumbscrew		415949G11				1				
23b	Well Nut	347011	4A1070-01	2	2	-					
24	Float Switch	213095	4A3624-01	1	1	1	1				
24a	T2 Screw	4x8, SS	7P32-0408	2	2	2	2				
25	Float Switch Bracket	ABS	327757-01	1	1	1	1				
25a	T2 Screw	4x12, SS	7P32-0412	2	2	2	2				
26	Float Switch Cover	ABS	3A0665-01	1	1	1	1				
26a	T2 Screw	4x8, SS	7P32-0408	3	3	3	3				
27	Vinyl Hose	L=150	7716-1216	1	1	1	1				
28	Vinyl Hose	L=415	7716-1519	1	1	1	1				
29	Bushing	OCB-875	428394-04	1	1	1	1				
30	Wire Saddle	VWS4238-C	4A0338-02	6	6	6	6				
31	Vinyl Hose	L=55	7716-1519	1	1	1	1				

Title: C. Water Circuit Model: KML-631MAH, KML-631MWH, KML-631MRH											
Index No.	Description	Material or Model Number	Part Number	Required Number							
				S-0	S-2	T-0 U-0	U-1 to A-0				
32	Pump Bracket Insulation (A)	PE FOAM	4A1052-01	1	1	1	-				
			4A4783-01				1				
33	Tooth Washer (pump ground)	ZINC, M4	7R21-0400	1	1	1	1				
33a	T2 Screw (pump ground)	4x8	7P31-0408	1	1	1	1				
34	Pump Bracket Insulation (B)	PE FOAM	4A1053-01	1	1	1	1				
35	Hose Clamp	SS, 27 mm	427443-08	1	1	1	1				
36	Hose Clamp	SS, 20 mm	427443-06	1	1	1	1				
37	Bypass Hose Insulation (A1)	NP	4A1259-01	1	1	1	1				
38	Bypass Hose Insulation (A2)	NP	4A1260-01	1	1	1	1				
39	Float Switch Spacer	ABS	4A0650-01	1	1	1	1				
40	Drain Plug	POLYACETAL	309246-01	1	1	1	1				
41	"O"-Ring	1AP15	7611-P015	1	1	1	1				
42	Wire Saddle	VWS4274-C	4A0338-03	2	2	2	2				
43	Joint Pipe	-	439329-01	1	1	1	1				
44	Cable Tie	-	8911-0150	2	2	2	2				
45	Barrier	-	4A2997-01	1	1	-					
45a	T2 Screw	4x8	7P31-0408	2	2	-					
46	Solenoid Valve Bracket	-	4A3137-01	1	1	1	1				
46a	T2 Screw	4x8	7P31-0408	2	2	2	2				
47	Hose Clamp		427443-03				1				
48	Pump Bracket		2A4920G01				1				
48a	Truss Head Screw	4x16, SS	7C32-0416				4				

D. Control Box Assembly

KML-631MAH, KML-631MWH, KML-631MRH

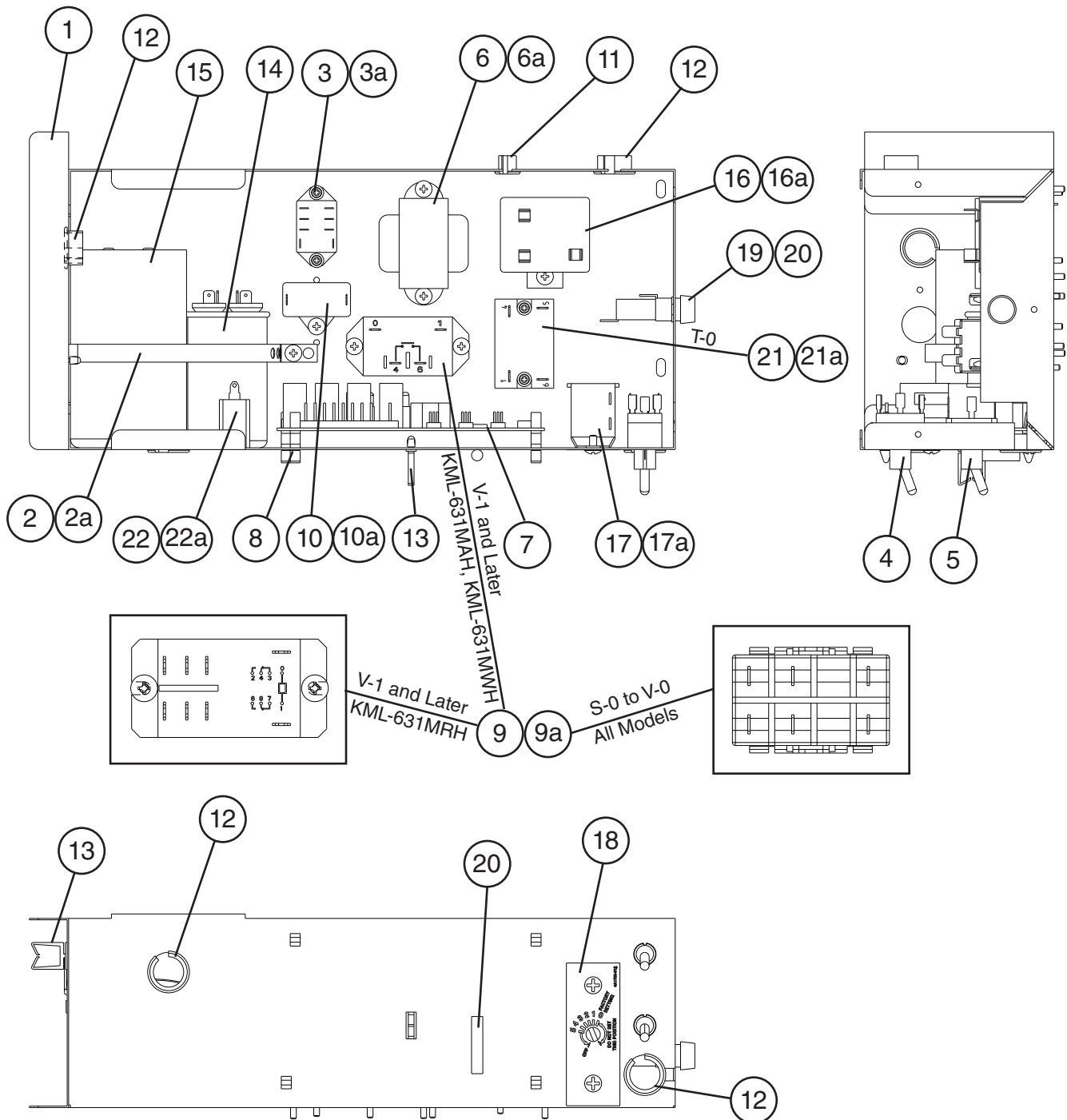
S-0, S-2



D. Control Box Assembly

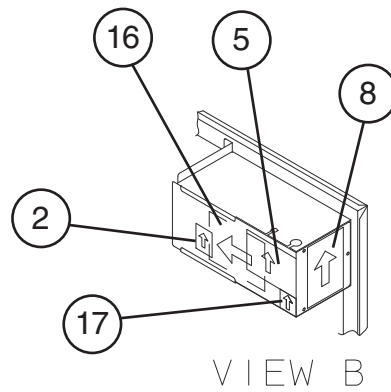
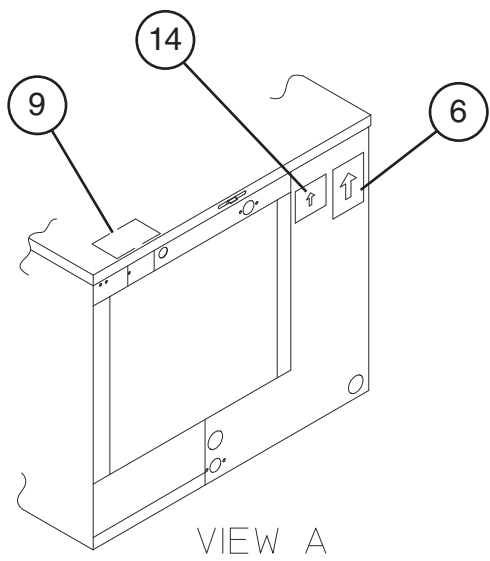
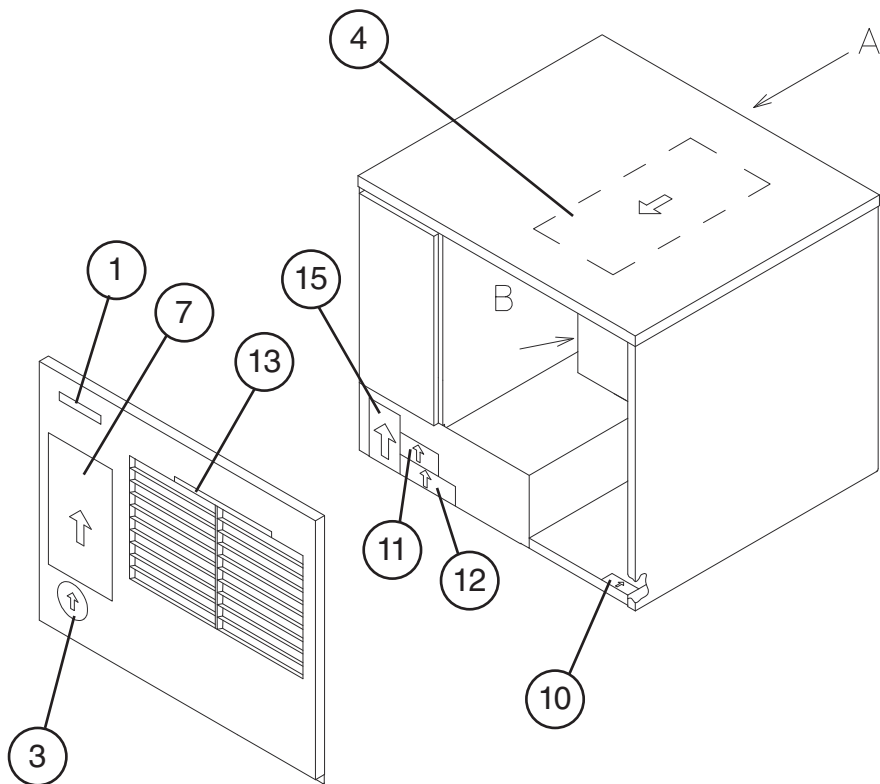
KML-631MAH, KML-631MWH, KML-631MRH

T-0 to A-0



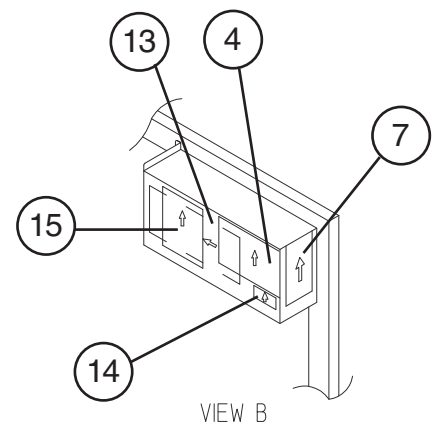
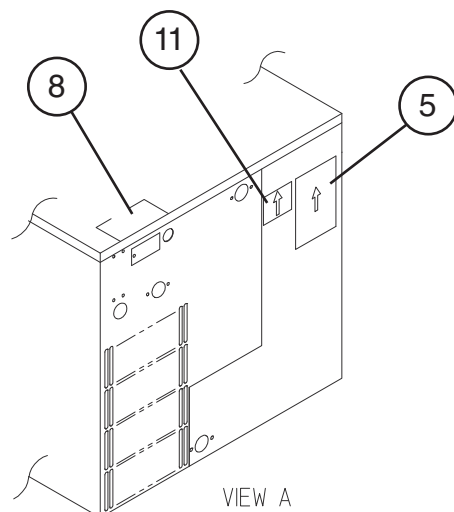
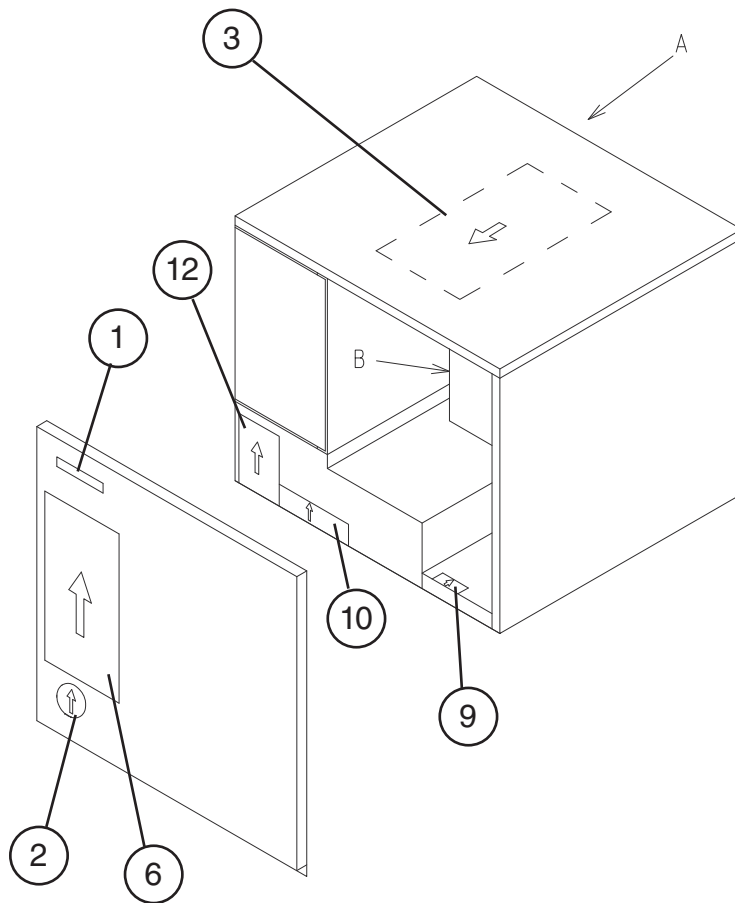
Title: D. Control Box Assembly Model: KML-631MAH, KML-631MWH, KML-631MRH											
Index No.	Description	Material or Model Number	Part Number	Required Number							
				S-0 S-2	T-0 U-0	U-1 V-0	V-1 A-0				
1	Control Box	GS	3A2372G02	1	-						
			3A2372G03		1	1	-				
			3A2372G07				1				
2	Strap	GS	4A2262-03	1	1	1	1				
2a	T2 Screw	4x8	7P31-0408	1	1	1	1				
3	Relay	LY2F 120 VAC	406132-07	1	1	1	1				
3a	Tapping Screw	3x8	431415-01	2	2	2	2				
4	Toggle Switch (Control)	8966K84	443119-01	1	1	1	1				
5	Toggle Switch (Service)	8966K211	4A0985-01	1	1	1	1				
6	Transformer	26D285H	3A0172-01	1	1	1	1				
6a	T2 Screw	4x8	7P31-0408	2	2	2	2				
7	Control Board	HOS-001A	2A1410-01	1	1	1	1				
8	Board Support	CBLS37-M	4A0336-03	4	4	4	4				
9	Magnetic Contactor	VC20	428393-01	1	1	1	-				
	Compressor Relay	KML-631MAH	4A3140-01				1				
		KML-631MWH									
		KML-631MRH	4A5096-01				1				
9a	T2 Screw	4x8	7P31-0408	2	2	2	2				
10	Fan Motor Capacitor	KML-631MAH 5MFD, 250VAC	443192-02	1	1	1	1				
10a	T2 Screw	KML-631MAH 4x10	7P31-0410	1	1	1	1				
11	Bushing	OCB-500	428394-02	1	1	1	1				
12	Bushing	OCB-875	428394-04	4	4	4	4				
13	Wire Saddle	VWS4238-C	4A0338-02	2	2	2	2				
14	Run Capacitor	30MFD, 370 VAC	3A2005-03	1	1	1	1				
15	Start Capacitor	145-174MFD, 250VAC	3A0076-01	1	1	1	1				
16	Start Relay (Starter)	3ARR3CT10S5	4A1107-09	1	1	1	1				
16a	T2 Screw	4x8	7P31-0408	1	1	1	1				
17	Thermostat	YTB-3U112	4A2879-01	1	1	1	1				
17a	Truss Head Screw	4x8	7C31-0408	2	2	2	2				
18	Control Label	PES FILM	4A1758-01	1	1	1	1				
19	Fuse Holder	HTB821	4A3449-01	1	1	1	1				
20	Fuse	AGC-10 250V 10A	4A0893-07	1	1	1	1				
21	Pump Motor Relay	HE1AN 120VAC	4A1307-01		1	-					
21a	Tapping Screw	3x8	431415-01		2	-					
22	Pump Motor Capacitor	2.5MFD, 250VAC	4A2128-05			1	1				
22a	T2 Screw	4x10	7P31-0410			1	1				

E. Label Location
KML-631MAH
S-0 to A-0



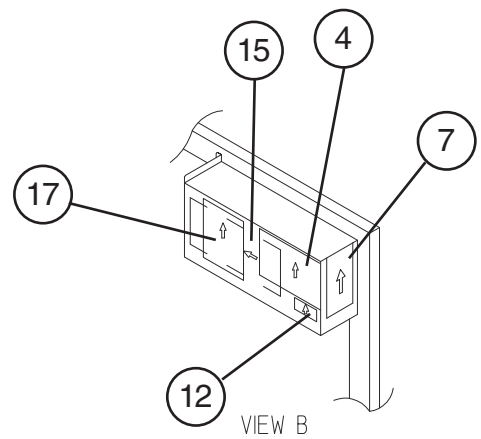
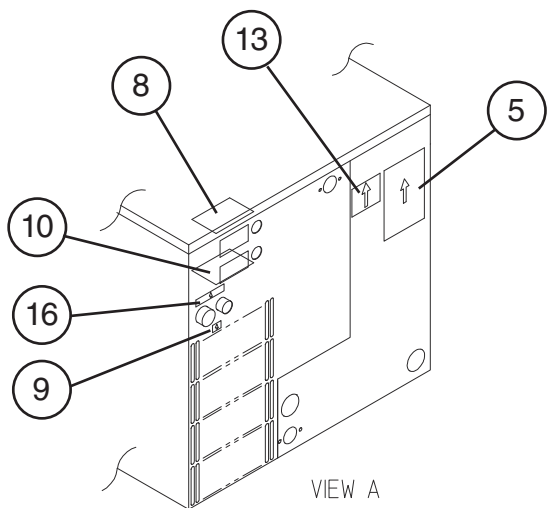
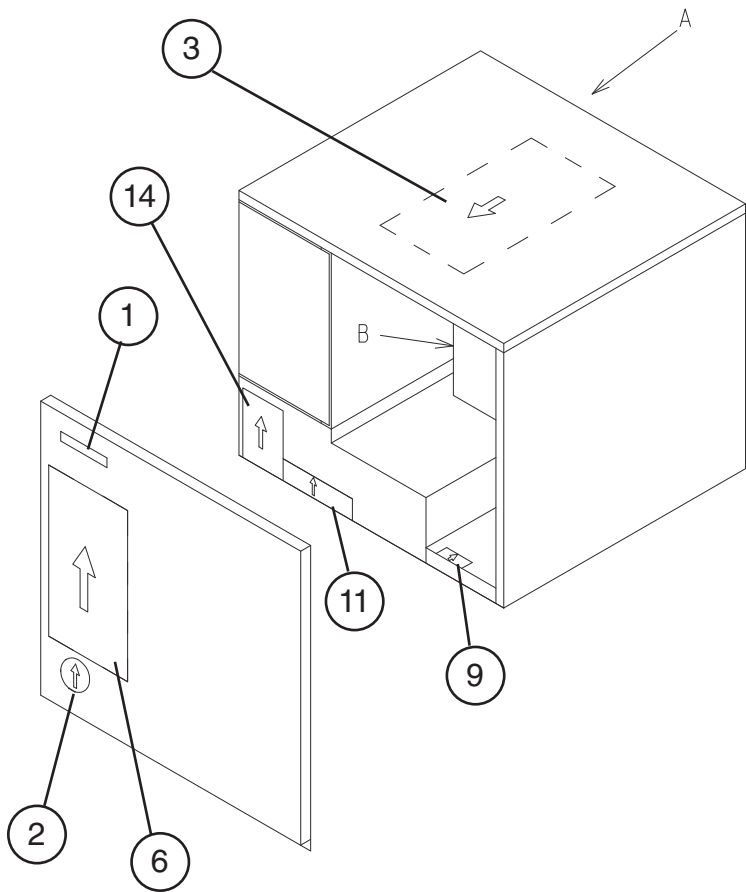
Title: E. Label Location Model: KML-631MAH												
Index No.	Description	Material or Model Number	Part Number	Required Number								
				S-0 S-2	T-0	U-1 V-0	V-1 A-0					
1	Emblem	PETP FILM	4A0560-01	1	1	1	1					
2	Label - Alarm	PVC FILM	4A3517-01	1	1	-						
			4A4737-01			1	1					
3	Label - Penguin - HA (R)	PETP FILM	4A0526-01	1	1	1	1					
4	Maintenance Label	PVC FILM	3A4471-01	1	1	-						
			3A5223-01			1	1					
5	Wiring Label	PVC FILM	3A2379-01	1	-							
			3A4835-01		1	-						
			3A5356-01			1	-					
			3A6147-01				1					
6	Nameplate	PES FILM	2A3843-01	1	1	-						
			2A5071-01			1	1					
7	Instruction Sheet	PAPER	2A3845-01	1	1	-						
8	Manual Label	PVC FILM	4A2863-01	1	1	-						
			4A4735-01			1	1					
9	Tag - Warning: Electrical Connection	PAPER	428430-01	1	1	-						
			4A4801-01			1	1					
10	Label - R404A	PES FILM	4A0960-01	1	1	1	1					
11	Caution Label (F)	PVC FILM	439146-01	1	1	-						
	Warning Label (F)		4A4767-01			1	1					
12	Caution Label (K)	PVC FILM	439150-01	1	1	-						
	Warning Label (K)		4A4736-01			1	1					
13	Label - Air Filter	PETP FILM	426177-01	1	1	1	1					
14	Instruction Label	PVC FILM	444575-01	1	1	1	1					
15	Rating Label	PES FILM	2A3844-01	1	1	-						
			2A5070-01			1	1					
16	Label - Control Board	PVC FILM	3A2220-01	1	1	1	1					
17	Label - Fuse	PVC FILM	4A2817-01	1	1	-						
			4A4829-01			1	1					

E. Label Location **KML-631MWH** S-0 to A-0



Title: E. Label Location Model: KML-631MWH												
Index No.	Description	Material or Model Number	Part Number	Required Number								
				S-0	T-0	U-1 V-0	V-1 A-0					
1	Emblem	PETP FILM	4A0560-01	1	1	1	1					
2	Label - Penguin - HA (R)	PETP FILM	4A0526-01	1	1	1	1					
3	Maintenance Label	PVC FILM	3A4471-01	1	1	-						
			3A5223-01			1	1					
4	Wiring Label	PVC FILM	3A2379-01	1	-							
			3A4835-01		1	-						
			3A5356-01			1	-					
			3A6147-01				1					
5	Nameplate	PES FILM	2A3843-02	1	1	-						
			2A5071-02			1	1					
6	Instruction Sheet	PAPER	2A3845-01	1	1	-						
7	Manual Label	PVC FILM	4A2863-01	1	1	-						
			4A4735-01			1	1					
8	Tag - Warning: Electrical Connection	PAPER	428430-01	1	1	-						
			4A4801-01			1	1					
9	Label - R404A	PES FILM	4A0960-01	1	1	1	1					
10	Caution Label (K)	PVC FILM	439150-01	1	1	-						
	Warning Label (K)		4A4736-01			1	1					
11	Instruction Label	PVC FILM	444575-01	1	1	1	1					
12	Rating Label	PES FILM	2A3844-02	1	1	-						
			2A5070-02			1	1					
13	Label - Control Board	PVC FILM	3A2220-01	1	1	1	1					
14	Label - Fuse	PVC FILM	4A2817-01	1	1	-						
			4A4829-01			1	1					
15	Label - Alarm	PVC FILM	4A3517-01	1	1	-						
			4A4737-01			1	1					

E. Label Location **KML-631MRH** S-0 to A-0

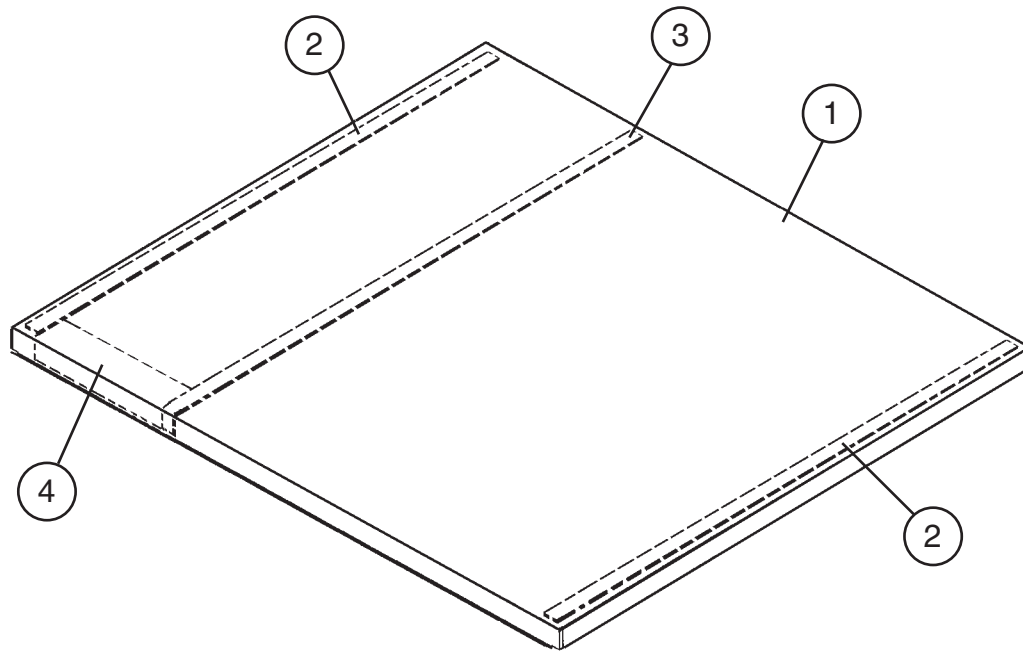


Title: E. Label Location Model: KML-631MRH												
Index No.	Description	Material or Model Number	Part Number	Required Number								
				S-0 S-2	T-0	U-1 V-0	V-1 A-0					
1	Emblem	PETP FILM	4A0560-01	1	1	1	1					
2	Label - Penguin - HA (R)	PETP FILM	4A0526-01	1	1	1	1					
3	Maintenance Label	PVC FILM	3A4471-01	1	1	-						
			3A5223-01			1	1					
4	Wiring Label	PVC FILM	3A2379-01	1	-							
			3A4836-01		1	-						
			3A5362-01			1	-					
			3A6150-01				1					
5	Nameplate	PES FILM	2A3843-03	1	1	-						
			2A5071-03			1	1					
6	Instruction Sheet	PAPER	2A3845-01	1	1	-						
7	Manual Label	PVC FILM	4A2863-01	1	1	-						
			4A4735-01			1	1					
8	Tag - Warning: Electrical Connection	PAPER	428430-01	1	1	-						
			4A4801-01			1	1					
9	Label - R404A	PES FILM	4A0960-01	2	2	1	1					
10	Tag - Fan Motor Leads	PAPER	4A1494-01	1	1	1	1					
11	Caution Label (K)	PVC FILM	439150-01	1	1	-						
	Warning Label (K)		4A4736-01			1	1					
12	Label - Fuse	PVC FILM	4A2817-01	1	1	-						
			4A4829-01			1	1					
13	Instruction Label	PVC FILM	444575-01	1	1	1	1					
14	Rating Label	PES	2A3844-03	1	1	-						
			2A5070-03			1	1					
15	Label – Control Board	PVC FILM	3A2220-01	1	1	1	1					
16	Caution - Remote Label	PVC FILM	4A1491-01	1	1	1	1					
17	Label - Alarm	PVC FILM	4A3517-01	1	1	-						
			4A4737-01			1	1					

F. Top Panel Assembly

KML-631MAH, KML-631MWH, KML-631MRH

S-0 to A-0

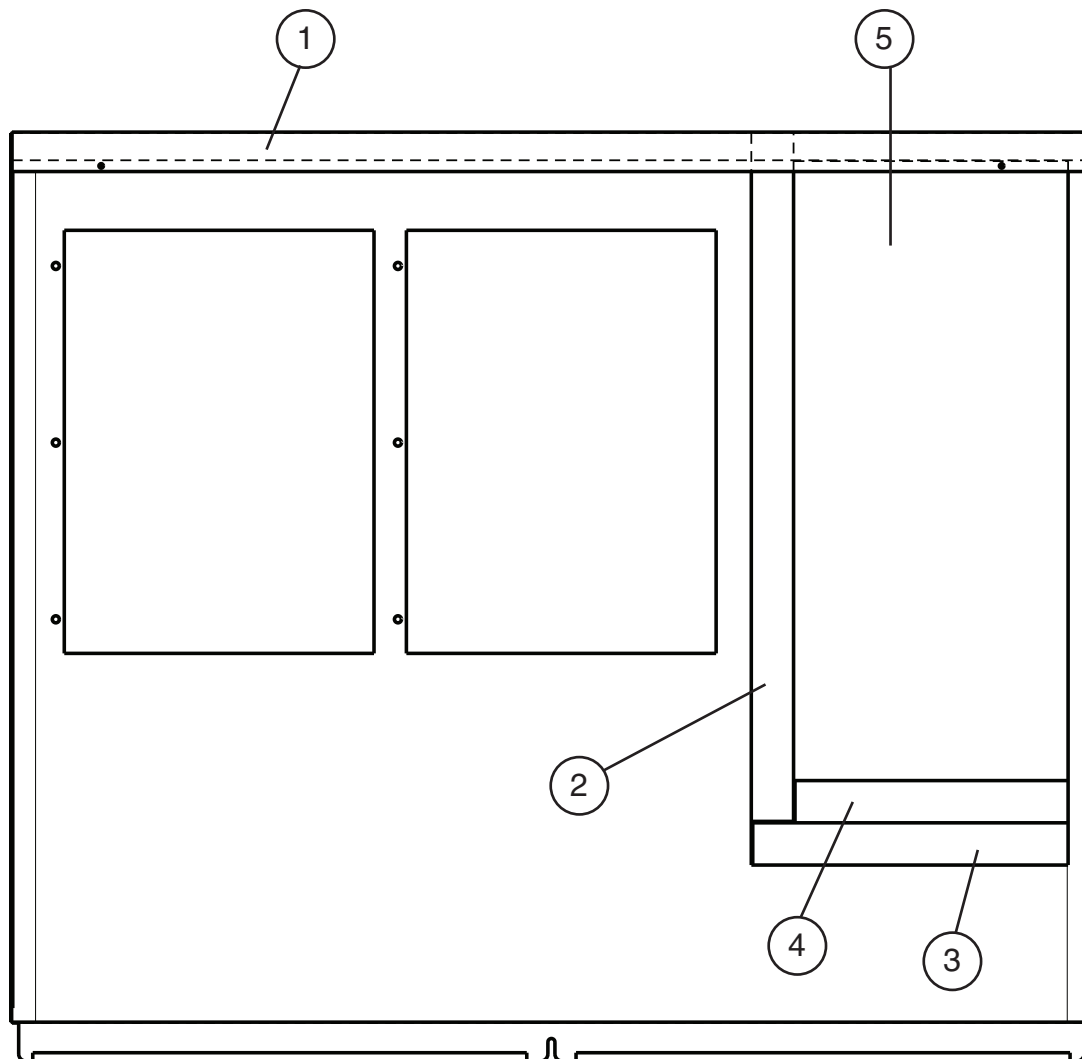


Title: F. Top Panel Assembly Model: KML-631MAH, KML-631MWH, KML-631MRH												
Index No.	Description	Material or Model Number	Part Number	Required Number								
				S-0 to A-0								
1	Top Panel	SS	2A2110-01	1								
2	Gasket	PVC	427014-04	2								
3	Gasket (A)	NORMOUNT V710	324859-03	1								
4	Insulation	PE FOAM	438012-01	1								

G. Front Panel Assembly

KML-631MAH, KML-631MWH, KML-631MRH

S-0 to A-0



Title: G. Front Panel Assembly Model: KML-631MAH, KML-631MWH, KML-631MRH											
Index No.	Description	Material or Model Number	Part Number	S-0 to A-0	Required Number						
1	Front Panel (A)	KML-631MAH	2A2109-01	1							
		KML-631MWH	2A2109-02	1							
		KML-631MRH									
2	Foam Seal	L=490	4A0661L01	1							
3	Foam Seal	L=225	4A0661L01	1							
4	Foam Seal	L=195	4A0661L01	1							
5	Insulation (C) (MAH Only)	PE FOAM	3A4043-01	1							

H. Accessories

KML-631MAH, KML-631MWH, KML-631MRH

S-0 to A-0

Title: H. Accessories Model: KML-631MAH, KML-631MWH, KML-631MRH												
Index No.	Description	Material or Model Number	Part Number	Required Number								
				S-0 to A-0								
1	Instruction Manual	PAPER	91A1HH10C	1								
2	Universal Brace	GS	4A0363-01	2								
2a	Hex Head Bolt	5×12, SS	7B02-0512	2								