# Hoshizaki America, Inc.

Modular Crescent Cuber Serenity Series

Model KMS-822MLH



**PARTS LIST** 

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### **Auxiliary Codes**

**KMS-822MLH** V-0 August 2010

## **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.

### **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

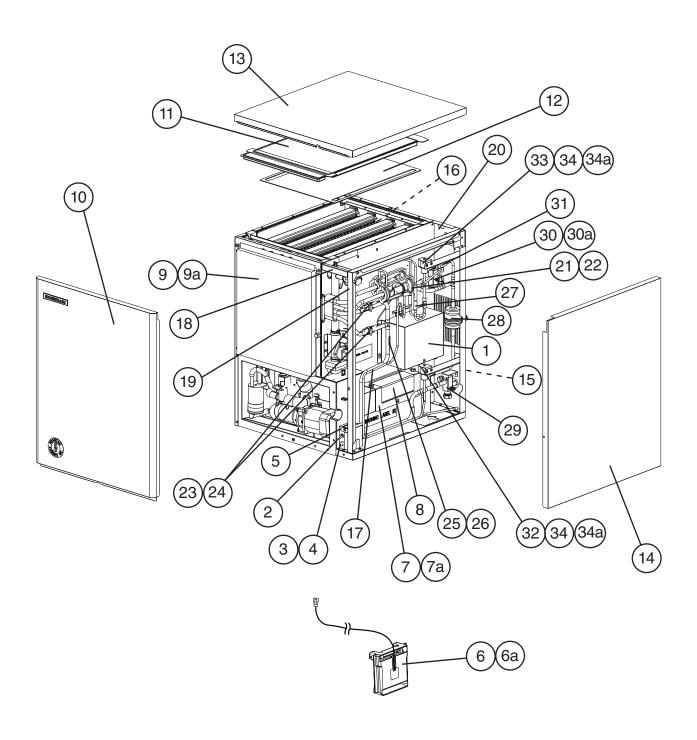
NR = Natural rubber
NP = Neoprene
SI.R = Silicone rubber
SY.R = Synthetic rubber
EPH = Epichlorohydrin

**STEEL** 

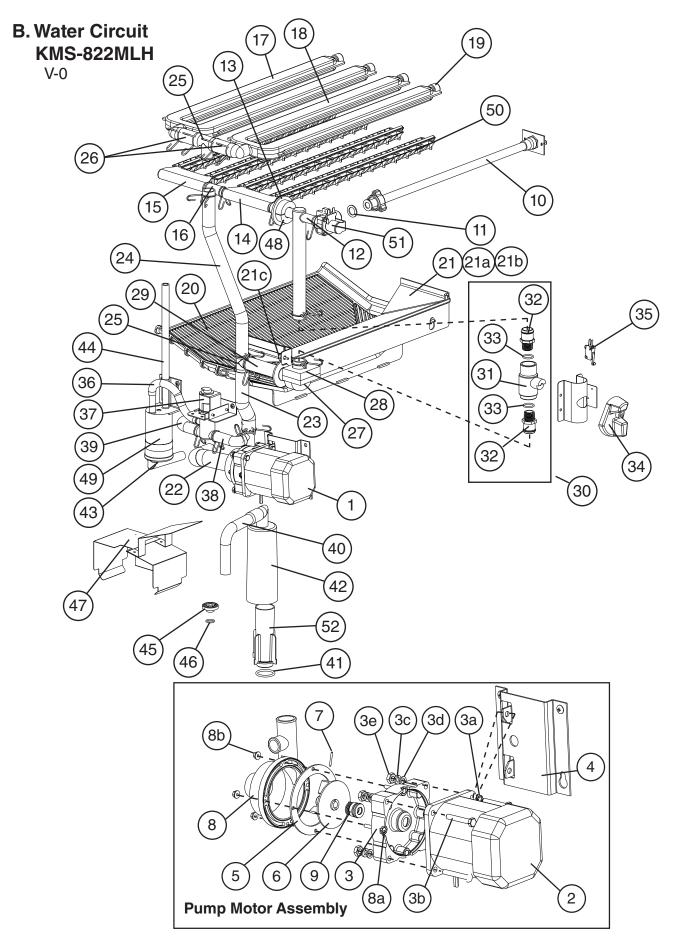
GS = Galvanized steel
SS = Stainless steel
PS = Plated steel
PAS = Primed steel

# A. Ice Cuber Assembly and Refrigeration Circuit KMS-822MLH

V-0



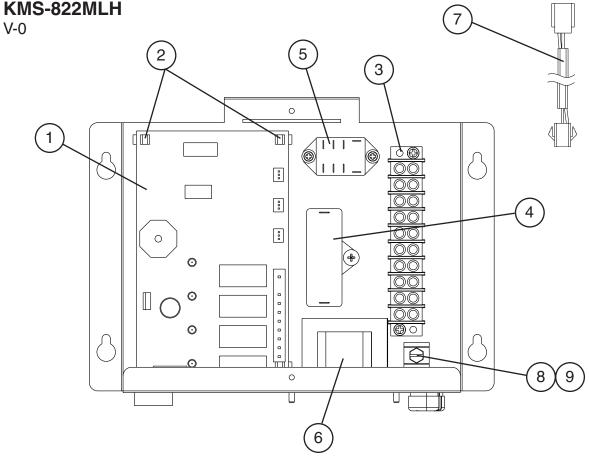
Title: A.	Ice Cuber Assembly and Refri	embly and Refrigeration Circuit Model: KMS-822MLH								
Index		Material or		Required Number						
No.	Description	Model Number	Part Number	V-0						
	Ice Cuber Assem		1A2071A01							
	Order Assembly Parts In	dividually								
1	Control Box Cover		3A6397-01	1						
2	Toggle Switch		443119-01	1						
3	Fuse Holder		4A3449-01	1						
4	Fuse	10A, 250V	4A0893-07	1						
5	Switch Box Cover		4A5212-01	1						
6	Bin Control		2A4393G01	1						
6a	Thumbscrew		415949G10	2						
7	Bin Control Bracket		3A2642-01	1						
7a	Thumbscrew		415949G10	2						
8	Bin Control Bracket Insulation		4A3068-01	1						
9	Front Insulation		3A2933G01	1						
9a	Thumbscrew		415949G12	1						
10	Front Panel		2A6191G01	1						
11	Top Insulation		3A2934G01	1						
12	Top Cover		3A2922-01	1						
13	Top Panel		2A6189G01	1						
14	Side Panel (R)	SS	2A2800G01	1						
15	Wire Harness (KMS-SRK)		469256G01	1						
	Refrigeration Circ		1A2075A01	1						
	Order Assembly Parts In	dividually			$\vdash$		$\vdash$		+	
16	Evaporator		2A2781G02	1	$\vdash$		$\vdash$		+	
17	Heat Exchanger		2A6184G01	1	$\vdash$		$\vdash$		+	
18	Front Frame		3A6191-01	1	$\vdash$				-	
19	Side Frame		2A6183G01	1	$\vdash$		$\vdash$		+	
20	Rear Panel		2A6182-01	1	$\vdash$					
21	Expansion Valve		4A1414-01	2					-	
22	Expansion Valve Cover		3A0944-01	2	$\vdash$					
23	Expansion Valve Bulb Holder		3A0107-01	2	$\vdash$		$\sqcup$		_	
24	Clamp		443461-02	2					-	
25	Thermistor		429006-03	1					1	
26	Thermistor Holder		427430-01	1	$\vdash$		$\vdash \vdash$		1	
27	Check Valve		4A1373-01	2					1	
28	Drier		4A2663-01	1	$\vdash$		$\vdash \vdash$		+	
29	Shutoff Valve		4A3490-01	1			$\vdash$		1	
30	Shutoff Valve		4A2215-01	1	$\vdash$		$\vdash \vdash$		1	
30a	Hex Head Bolt		7B01I1420	1					1	
31	Strainer		441569-02	1					1	
32	Line Valve Body		4A3276-01	1						
33	Hot Gas Valve Body		4A3978-01	1			$\sqcup \sqcup$		1	
34	Valve Coil		4A3277-01	2			$\sqcup \sqcup$		4	
34a	Bolt		4A3277F01	2					1	



Title: B.	. Water Circuit Model: KMS-82	22MLH										
Index		Material or		Required Number								
No.	Description	Model Number	Part Number	V-0								
	Water Circuit		1A1360A03									
	Order Assembly Parts In	·					<u> </u>			ļ		
1	Pump Motor Assembly (includes items 2 through 9)	HS-0178	2A2848A01	1								
2	Pump Motor	M91A60SP201	2U0106-01	1								
3	Pump Flange		215662-01	1								
3a	Tooth Washer	SS	7R22-0600	2								
3b	Hex Bolt	6×40, SS	7B02-0640	4								
3c	Split Lock Washer	SS	7L22-0600	4								
3d	Flat Washer	SS	7W22-0600	4								
3e	Hex Nut	SS	7N12-0600	4								
4	Pump Motor Bracket	SS	323904-01	1								
5	Packing		428547-01	1								
6	Impeller		428548-01	1								
7	Pin		4A0648-01	1								
8	Pump Housing		2A2762-01	1								
8a	Hex Bolt	4×30, SS	7B02-0430	4								
8b	Hex Flange Nut		7J02-0400	4								
9	Mechanical Seal		4A3820-01	1								
10	Water Supply Pipe		4A0768G08	1								
11	Rubber Gasket		413854-03	1								
12	Water Valve Hose		3A2648-01	1								
13	Flange		439267-01	1								
14	Water Supply Tube		2A2370-01	1								
15	Water Supply Tube		2A2370-02	1								
16	Vinyl Hose	L=47	7716-1519	1								
17	Spray Tube		2A2369-01	1								
18	Spray Tube		2A2369-02	1								
19	Spray Tube Plug		3A2645-01	4								
20	Cube Guide (A)		1A0842-01	1					ļ			
21	Cube Guide (B)		1A0781-01	1								
21a	Collar		435269-01	2			<u> </u>			<u> </u>		
21b	Flat Head T2 Screw	4×12, SS	7P22-0412	2			<u> </u>		<u> </u>	<u> </u>		
21c	Thumbscrew		415949G10	1			<u> </u>					
22	Suction Hose		4A3001-01	1								
23	Discharge Hose		3A2646-01	1						<u> </u>		
24	Vinyl Hose	L=358	7716-2025	1			<u> </u>			<u> </u>		
25	Distributor		432426-01	2			<u> </u>					
26	Vinyl Hose	L=63	7716-2025	2					-	<u> </u>		
27	Corner Insulation (A)		439376-01	1			<u> </u>			<u> </u>		
28	Corner Insulation (B)		439392-01	1			<u> </u>			<u> </u>		
29	Bypass Hose	0.000	439237-03	1			<u> </u>			<u> </u>		
30	Ball Valve Assembly (includes items 31 through 33)	S-0761	442137A01	1								
31	Ball Valve		439293-01	1								
32	Male Adaptor		325826-01	2								
33	"O" Ring		7611-P018	2								
34	Handle		215383-01	1								

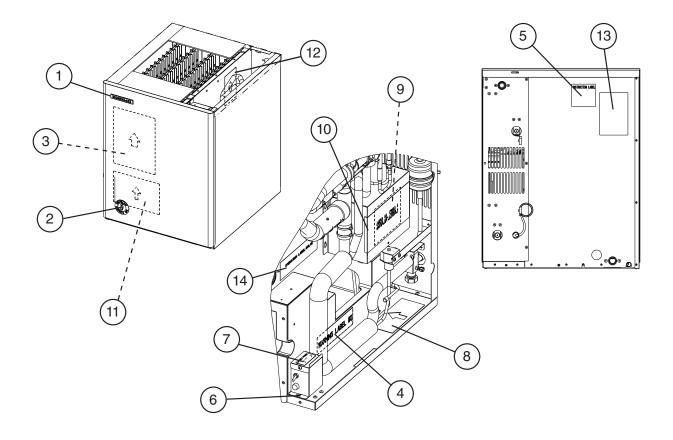
Title: B	. Water Circuit Model: KMS-822	2MLH										
Index		Material or		Required Number								
No.	Description	Model Number	Part Number	V-0								
35	Microswitch		4A2546-01	1								
36	Float Switch Hose		3A2647-01	1								
37	Drain Valve		4A2396-01	1								
38	Pump Motor Drain Hose		4A3044-01	1								
39	Drain Hose		4A3002-01	1								
40	Overflow Drain Hose		4A3003-01	1								
41	"O" Ring		4A1234-01	1								
42	Overflow Cap		321002-01	1								
43	Float Switch Connector		426799-03	1								
44	Silicone Hose	L=200	773013896	1								
45	Drain Plug		309246-01	1								
46	"O" Ring		7611-P015	1								
47	Water Shield	SS	3A2725G01	1								
48	Insulation (E)		4A0392-01	1								
49	Float Switch		4A3624-01	1								
50	Spray Guide		2A4282-03	4								
51	Water Valve		3U0111-02	1								
52	Overflow Pipe		430722-08	1								
		Н	ose Clamps									
		25mm, SS	427443-03	9								
	Hose Clamp	16.5mm, SS	427443-04	1								
	Hose Clamp	18mm, SS	427443-05	3								
	Hose Clamp	20mm, SS	427443-06	3								
	Hose Clamp	27mm, SS	427443-08	2								

# C. Control Box Assembly KMS-822MLH



Title: C.	. Control Box Assembly Model:	KMS-822MLH								
Index	N	Material or				Requi	red Nu	umber		
No.	Description N	Nodel Number	Part Number	V-0						
	Control Box Assemi	bly	3A6211A01							
	Order Assembly Parts Ind	lividually								
1	"G" Control Board		2A3792-01	1						
2	Board Support		4A0336-03	4						
3	Terminal Block		4A4201-01	1						
4	Pump Motor Capacitor 10	0 MFD, 250VAC	443192-01	1						
5	Relay (X10)		406132-07	1						
6	Control Transformer		3A0172-01	1						
7	Wire Harness (Bin Control)	.=90	4A2200G04	1						
8	Square Washer		433537-02	1						
9	Grounding Screw		433304-02	1						

## D. Label Location KMS-822MLH V-0



Title: D.	Title: D. Label Location Model: KMS-822MLH										
Index		Material or		Required Number							
No.	Description	Model Number	Part Number	V-0							
	Label Location	l									
	Order Assembly Parts Individually		2A6206A01								
1	Emblem		4A0560-01	1							
2	Penguin Label-HA-R		4A0526-01	1							
3	Maintenance Label		2A6207-01	1							
4	Warning Label (K)		4A4736-01	1							
5	Instruction Label		444575-01	1							
6	Manual Label		3A6223-01	1							
7	Fuse Label		4A2817-01	1							
8	Warning Label		4A4209-01	1							
9	Alarm Label		4A3517-01	1							
10	Control Board Label		3A4799-01	1							
11	Wiring Label		2A6167-01	1							
12	Rating Label		2A3300-05	1							
13	Nameplate		2A3298-05	1							
14	Valve Operation Label		439541-01	1							

# E. Accessories & Packaging KMS-822MLH

V-0

Title: E.	Title: E. Accessories & Packaging Model: KMS-822MLH											
les el es e							Requi	ired N	umber			
Index No.	Description	Material or Model Number	Part Number	V-0								
110.	'	Model Mulliber			$\vdash$				-			$\vdash$
1	Mounting Bracket		4A0363-01	2								igsquare
	Offset Mounting Bracket		4A5311-01	1								
1a	Hex Bolt	5×12, SS	7B02-0512	4								
2	Extension Bracket		4A4296G01	1								
2a	Thumbscrew		415949G10	2								
3	Instruction Manual		91A1YF10A	1								
	Packaging		2A6210A01									