

CM650R Parts List

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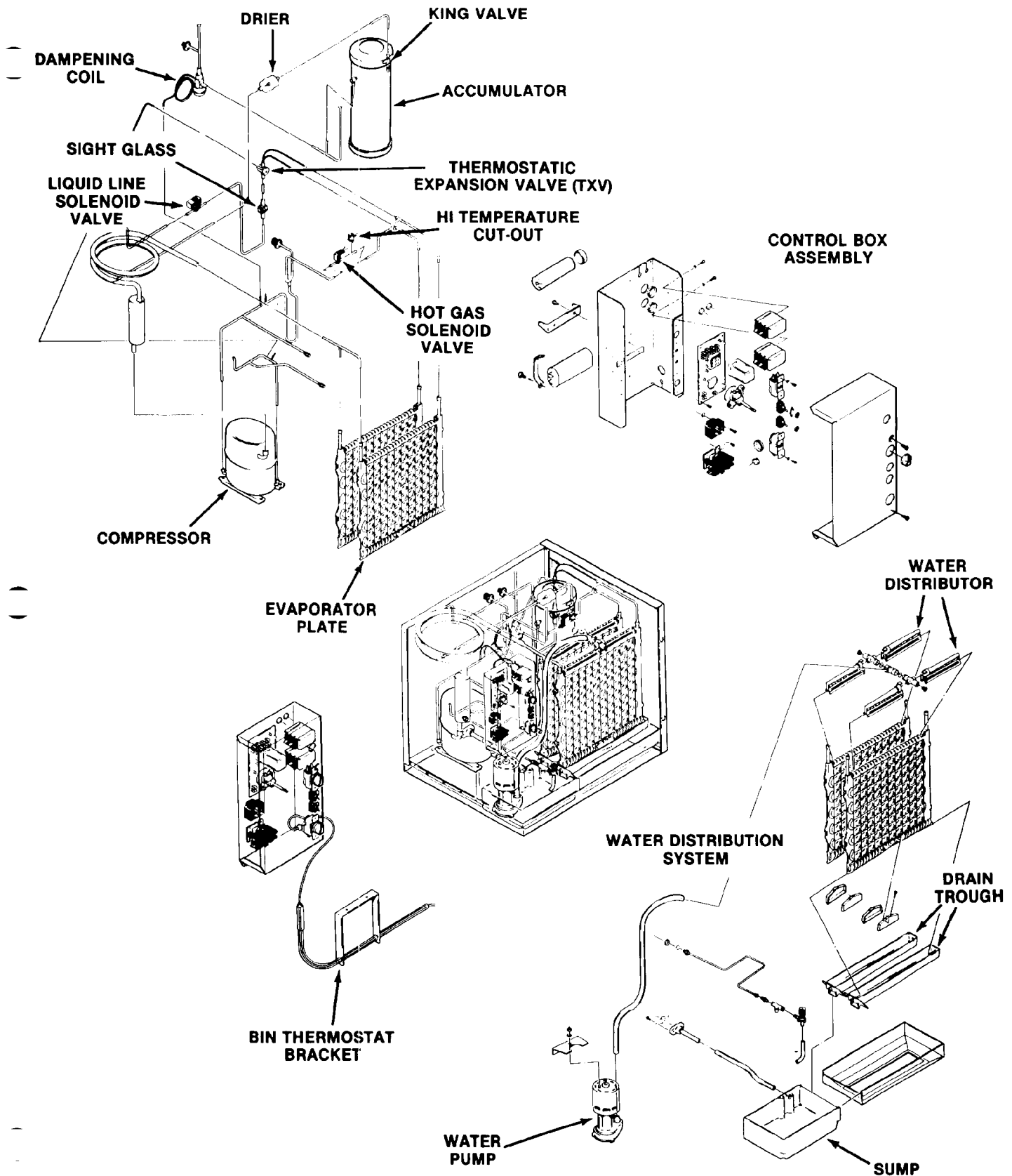
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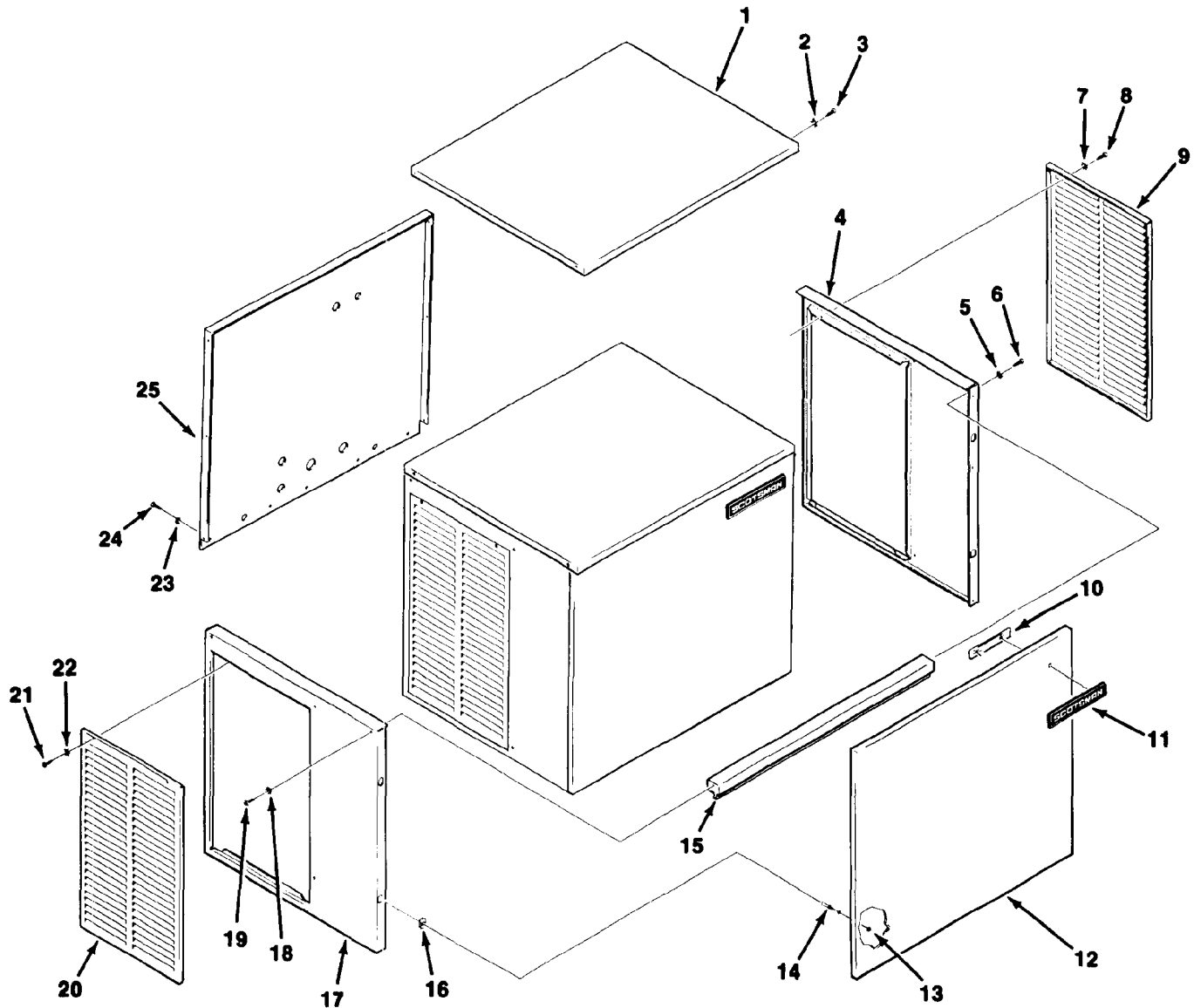
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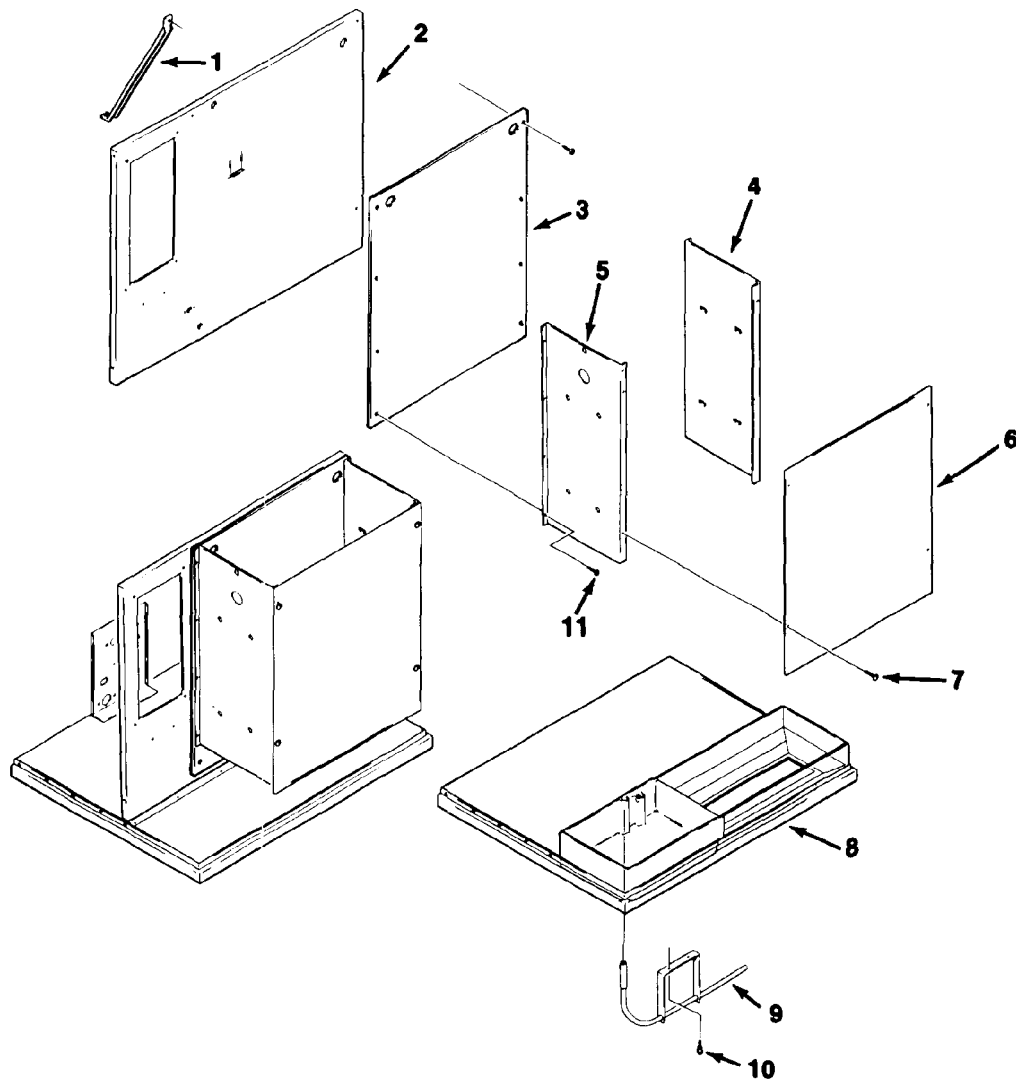
CM650R THE PARTS ILLUSTRATIONS AND PARTS LISTS



CABINET ASSEMBLY (PART I)

ITEM NUMBER	PART NUMBER		DESCRIPTION	ITEM NUMBER	PART NUMBER		DESCRIPTION
	"A" & "C"	"D"			"A" & "C"	"D"	
1	A31084-001	A32159-001	Top Panel, Enamel	13	03-1406-04	Same	Nut, #8-32
	A31084-002	A32159-002	Top Panel, Stainless Steel	14	15-0411-00	Same	Strike
2	03-1417-03	Same	Lockwasher	15	No Number	A32169-001	Front Support
3	03-1531-01	Same	Screw, #8-32	16	02-0836-00	Same	Cabinet Catch
4	A31086-001	A32162-001	End Panel (Right), Enamel	17	A31085-001	A32163-001	End Panel (Left), Enamel
	A31086-002	A32162-002	End Panel (Right), Stainless Steel		A31085-002	A32163-002	End Panel (Left), Stainless Steel
5	03-1417-03	Same	Lockwasher	18	03-1417-03	Same	Lockwasher
6	03-1531-01	Same	Screw	19	03-1531-01	Same	Screw
7	03-1417-03	Same	Lockwasher	20	A31242-001	A32161-001	Service Panel, Enamel
8	03-1404-12	Same	Screw, #8-32		A31242-002	A32161-002	Service Panel, Stainless Steel
9	A31242-001	A32161-001	Service Panel, Enamel	21	03-1404-12	Same	Screw, #8-32
	A31242-002	A32161-002	Service Panel, Stainless Steel	22	03-1412-03	Same	Lockwasher
10	03-0271-00	Same	Speed Nut	23	03-1417-03	Same	Lockwasher
11	15-0711-00	Same	Emblem	24	03-1531-01	Same	Screw
12	A30900-001	A32160-001	Front Panel, Enamel	25	A31048-001	A32202-001	Back Panel, F.A.
	A30900-002	A32160-002	Front Panel, Stainless Steel				

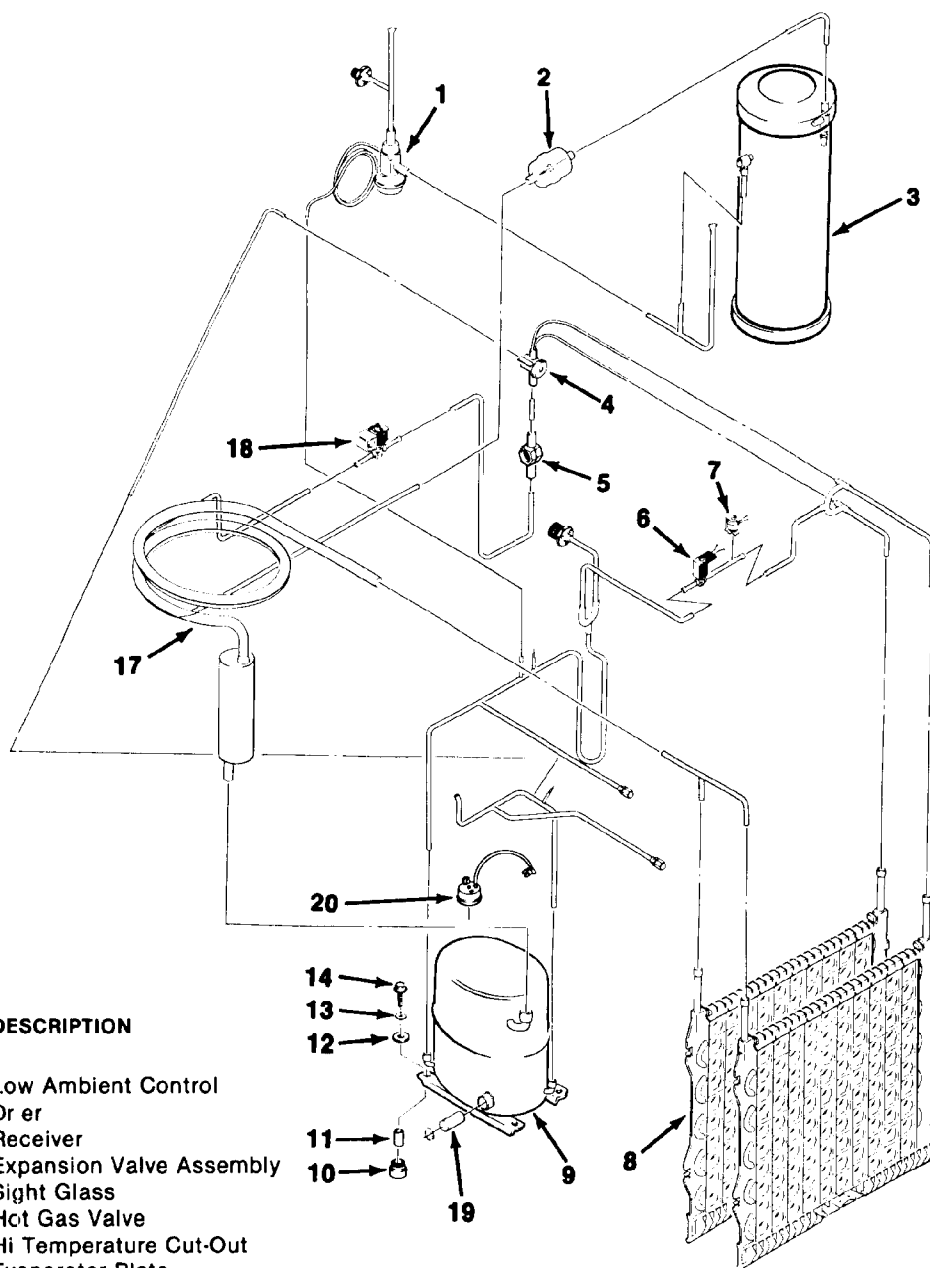
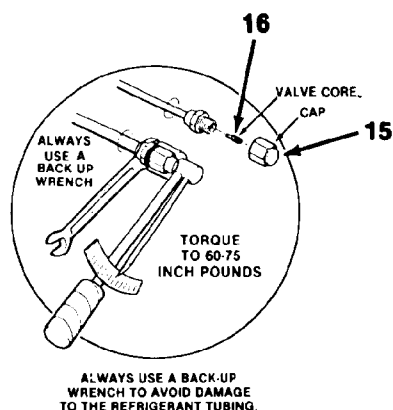
CM650R THE PARTS ILLUSTRATIONS AND PARTS LISTS



CABINET ASSEMBLY (PART II)

ITEM NUMBER	PART NUMBER		DESCRIPTION
	"A" & "C"	"D"	
1	A30906-001	A32210-001	Support Brace
2	A31151-002	A32158-001	Retainer F.A.
3	02-2810-01	02-2867-01	Splash Panel
4	A31080-001	A32172-001	Evaporator Bracket (Right)
5	A31082-001	A32173-001	Evaporator Bracket (Left)
6	A30897-001	A32165-001	Evaporator Plate Cover
7	03-0727-05	Same	Thumbscrew
8	A31217-001	A32153-001	Base
9	A31099-001	A32262-001	Bin Thermostat Bracket
10	03-0727-05	03-0727-09	Thumbscrew
11		03-1531-002	Screw

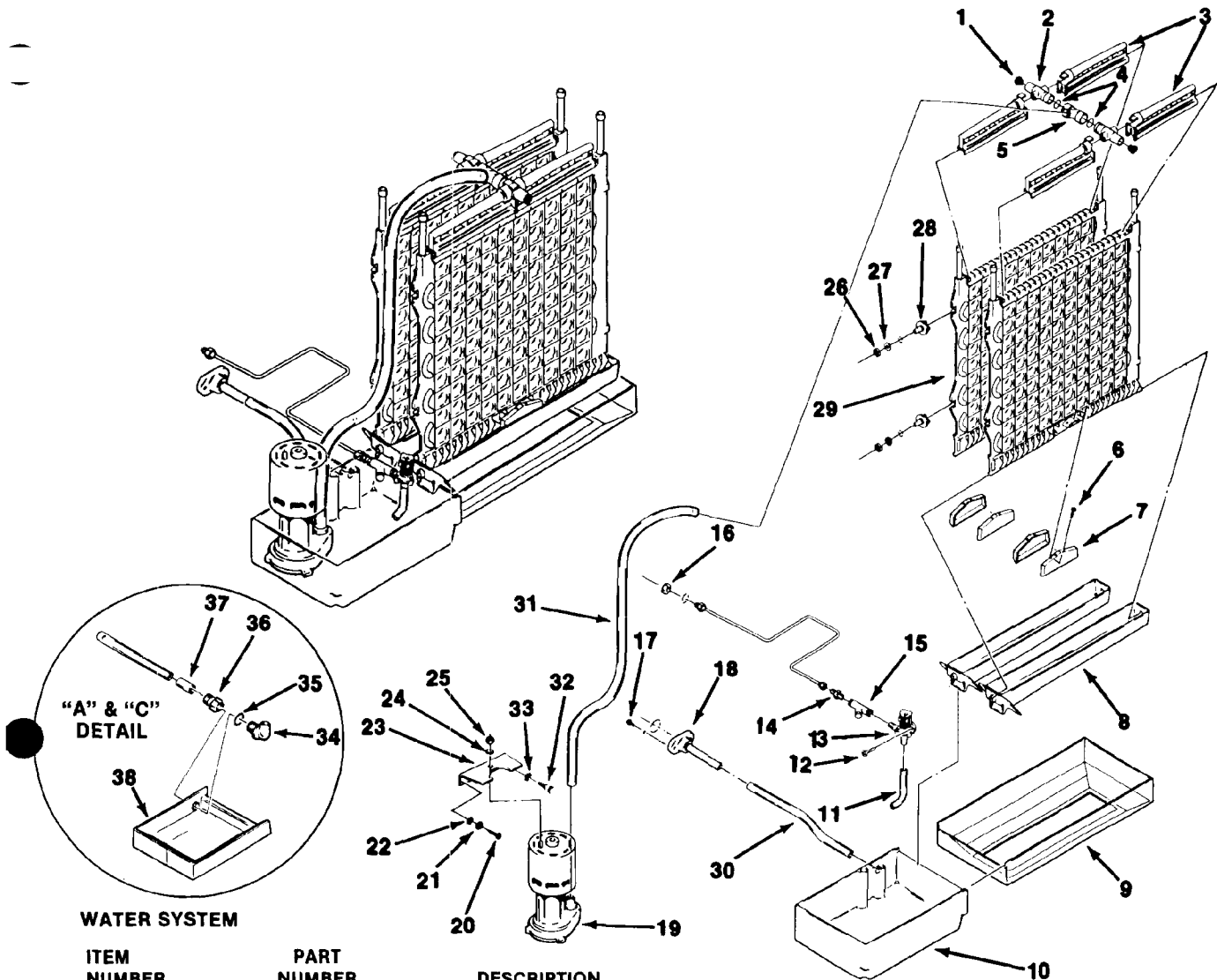
CM650R THE PARTS ILLUSTRATIONS AND PARTS LISTS



REFRIGERATION SYSTEM

ITEM NUMBER	PART NUMBER		DESCRIPTION
	"A" & "C"	"D"	
1	11-0422-02	Same	Low Ambient Control
2	02-2426-02	Same	Dr e r
3	16-0761-01	Same	Receiver
4	16-0758-02	Same	Expansion Valve Assembly
5	16-0762-01	Same	Sight Glass
6	12-2135-02	Same	Hot Gas Valve
7	12-2300-03	Same	Hi Temperature Cut-Out
8	A30296-020	A30296-020	Evaporator Plate
9	18-5600-02	Same	Ccmpressor (208-230/60/1)
	18-5800-03	Same	Ccmpressor (208-230/60/3)
10	18-2200-28	Same	Mounting Grommet
11	18-2200-27	Same	Sleeve
12	03-1407-07	Same	Washer, 5/16
13	03-1417-12	Same	Washer
14	03-1405-20	Same	Screw, 5/16-18
15	16-0563-00	Same	Valve Cap
16	16-0560-00	Same	Valve Core
17	A31132-020	A32305-020	Heat Exchanger
18	12-2274-01	12-2274-01	Liquid Line Solenoid (CM650R)
19	12-1868-02	Same	Crankcase Heater
			(CM650R) 32D
	Same	12-1868-03	Crankcase Heater
			(CM650R) 3D
20	18-5600-51	Same	Overload for 18-5600-02
			Compressor

CM650R THE PARTS ILLUSTRATIONS AND PARTS LISTS



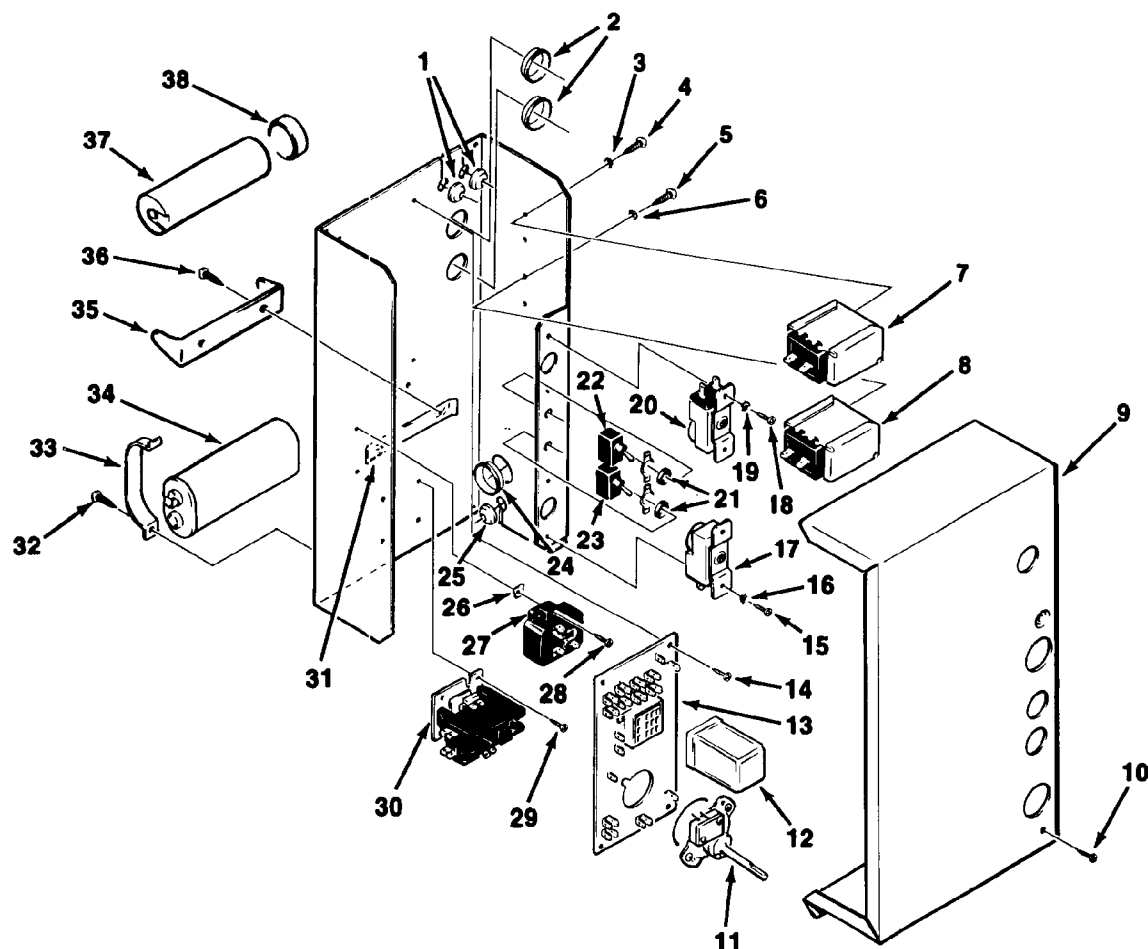
WATER SYSTEM

ITEM NUMBER	PART NUMBER "A" & "C"	PART NUMBER "D"	DESCRIPTION
1	13-0840-01	Same	Manifold Hole Plug
2	A29703-001	Same	Manifold Water Tube
3	02-2527-01	Same	Water Distributor Tube
4	13-0617-48	Same	O-Ring (2)
5	02-2519-01	Same	Plastic Tee
6	03-1404-10	Same	Screw, #8 x 1/2" S.S.
7	02-2878-01	Same	Sump End Cover
8	02-2801-01	02-2868-01	Drain Trough
9	No Number	No Number	Cube Chute
10		02-2869-01	Sump
11	A30918-001	Same	Sump Inlet Tube
12	03-1531-01	Same	Screw, #8-32
13	12-2261-03	12-2313-03	Solenoid Valve Assembly
14		16-0791-01	Half Union Coupling
15		16-0162-00	Strainer
16	03-1394-01	Same	Pal Nut
17	03-1405-03	03-1645-01	Screw
18	A31757-004	A32282-003	Drain Fab Assembly (Air-Cooled)
19	12-2265-22	Same	Water Pump Assembly
20		03-1403-17	Screw, #8-32 x 3/8"
21			03-1407-03 Washer
22			03-1408-31 Washer
23	A30914-001	A30914-002	Pump Mounting Bracket
24	03-1417-03	03-1417-05	Lockwasher, #10
25	03-1406-03	03-1406-05	Nut, #10-32
26		03-1394-03	Pal Nut
27		03-1408-34	Special Washer
28	02-2642-01	Same	Plate Mount
29	A30296-020	Same	Evaporator Plate
30	No Number	13-0674-07	Drain Hose, 8"
31	13-0674-07	Same	Water Hose, 33"
32	03-0727-45	03-0727-09	Thumbscrew
33	03-1417-03	Same	Lockwasher

"A" & "C" DETAIL

"A"	"C"	
34	A30917-001	Stand Pipe
35	13-0617-02	O-Ring
36	02-2606-01	Tube - Female
37	13-0674-11	Drain Tube, 3.5"
38	02-2812-01	Reservoir

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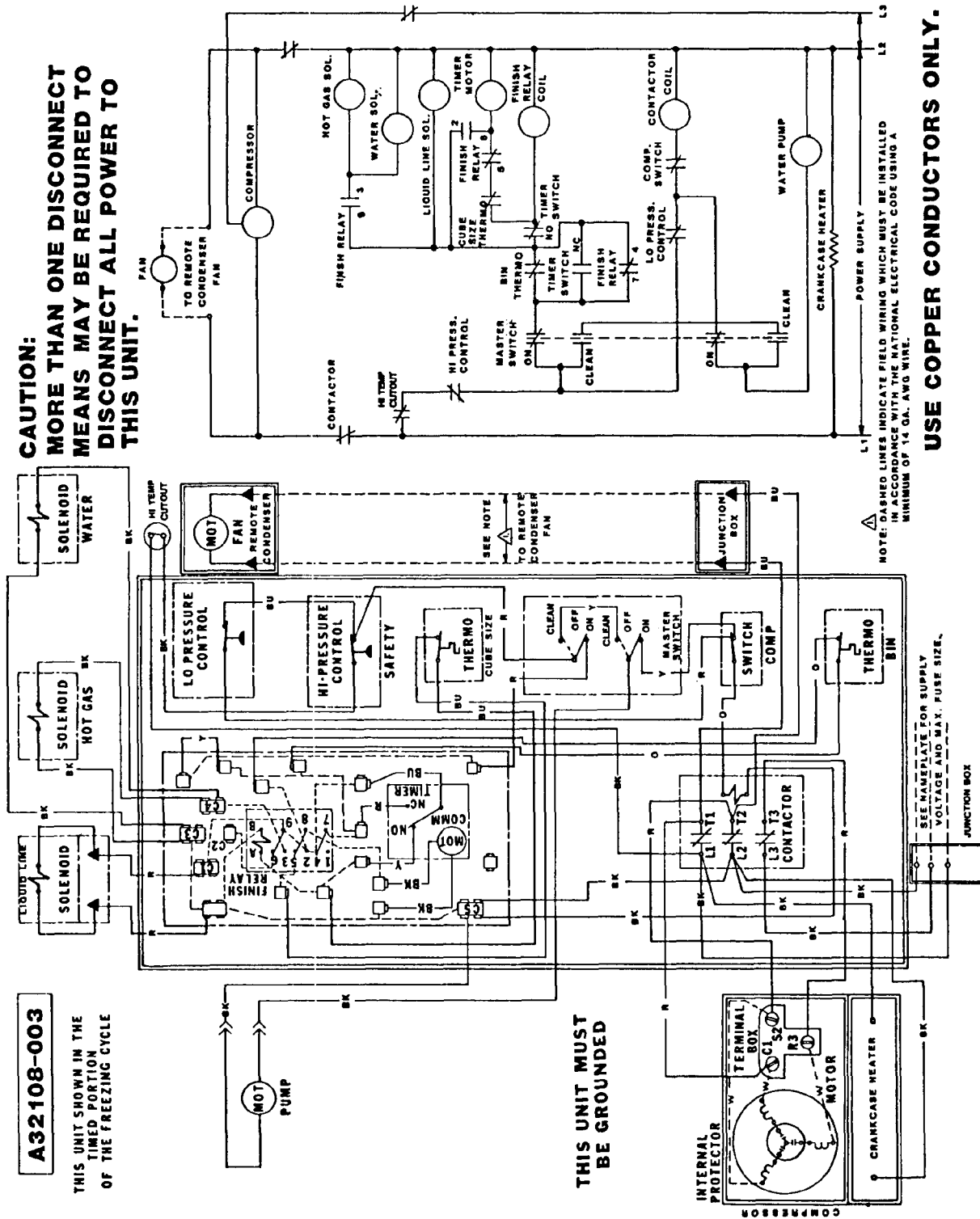


CONTROL BOX

ITEM NUMBER	PART NUMBER		DESCRIPTION	ITEM NUMBER	PART NUMBER		DESCRIPTION
	"A" & "C"	"D"			"A" & "C"	"D"	
1	13-0557-00	Same	Grommet	20	11-0435-01	Same	Cube Size Control
2	12-1213-10	Same	Snap Bushing	21	03-1417-16	Same	Tooth Lockwasher
3	03-1417-18	Same	Tooth Lockwasher (2)	22	12-0426-01	Same	Switch SPST
4	03-1403-02	Same	Screw, #6-32 (2)	23	12-0426-01	Same	Switch SPST
5	03-1403-02	Same	Screw, #6-32 (2)	24	12-1213-17	Same	Snap Bushing
6	03-1417-18	Same	Tooth Lockwasher (2)	25	13-0557-00	Same	Grommet
7	11-0420-01	Same	Lo Pressure Control	26	03-1423-01	Same	Speed Nut (1)
8	11-0429-01	Same	High Pressure Control	27	18-1903-33	Same	Potential Relay (208-230/60/1)
9	A30902-001	A32168-001	Control Box Cover	28	03-1403-02	Same	Screw, #6-32 (2)
10	03-1531-01	Same	Screw	29	03-1403-15	Same	Screw, #8-32
11	12-1980-02	Same	Timer	30	12-2048-02	Same	Contactor (208-230/60/3)
12	12-1879-03	Same	Relay, 3PDT (208-230)	31	03-1103-00	Same	Twin Speed Nut (1)
13	12-1912-01	Same	Circuit Board	32	03-1418-06	Same	Hex Screw, #10-24 x 1/2 (2)
14	03-1403-02	Same	Screw, #6-32 (5)	33	No Number	Same	Bracket, Run Capacitor
15	03-1403-05	Same	Screw, #8-32 (2)	34	18-1902-45	Same	Run Capacitor
16	03-1417-03	Same	Tooth Lockwasher	35	18-2200-39	Same	Start Capacitor Bracket
17	11-0427-02	Same	Bin Thermostat	36	03-1403-15	Same	Screw, #8-32 (2)
18	03-1403-05	Same	Screw, #8-32 (2)	37	18-1901-45	Same	Start Capacitor
19	03-1417-03	Same	Tooth Lockwasher	38	18-2200-38	Same	Start Capacitor Cap

CM650R WIRING DIAGRAM

CAUTION:
MORE THAN ONE DISCONNECT
MEANS MAY BE REQUIRED TO
DISCONNECT ALL POWER TO
THIS UNIT.



USE COPPER CONDUCTORS ONLY.

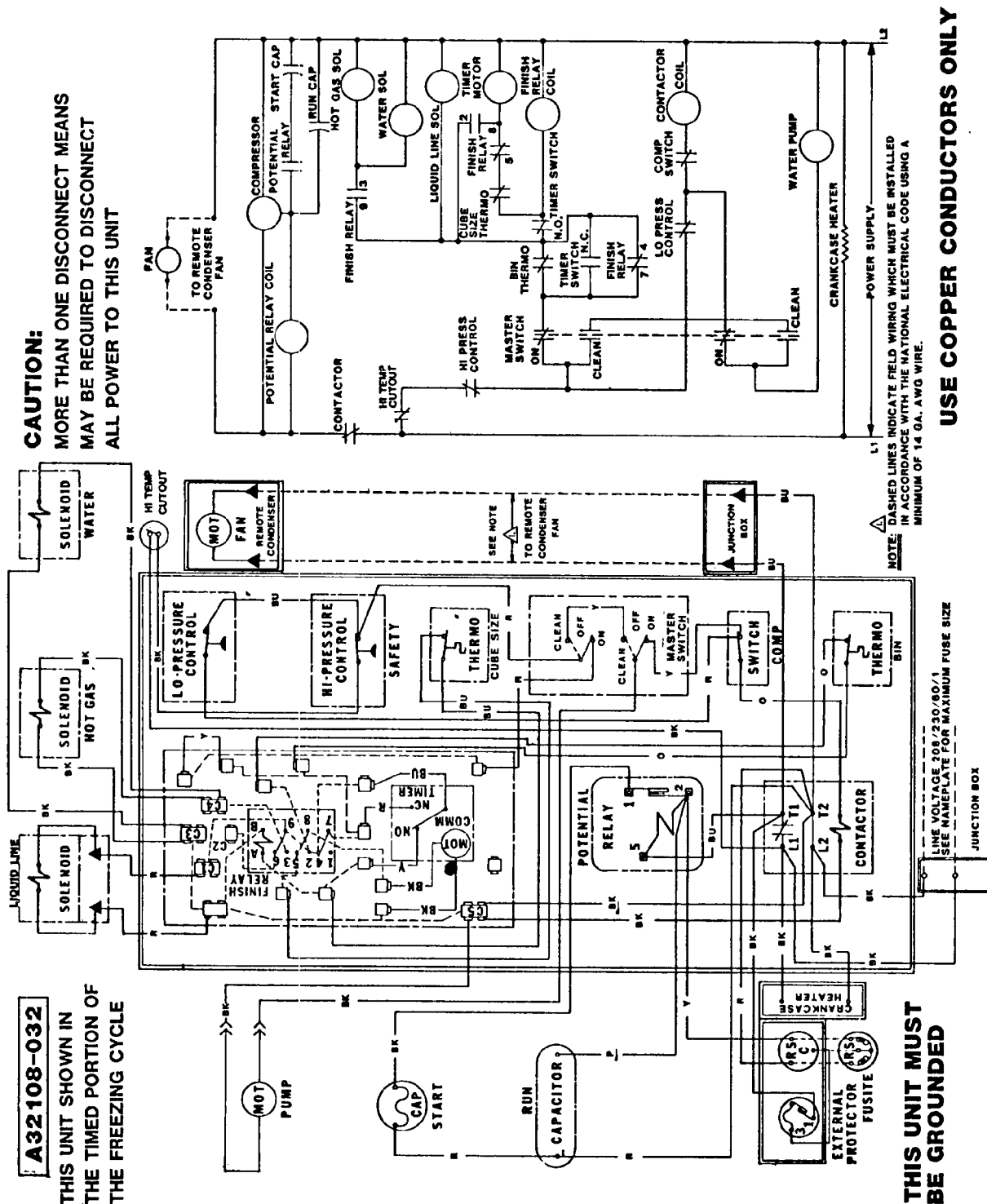
Use of the High Temperature cut-out begins with Serial Number 877650-02G

Wiring Diagram CM650RE-3C (208-230/60/3)

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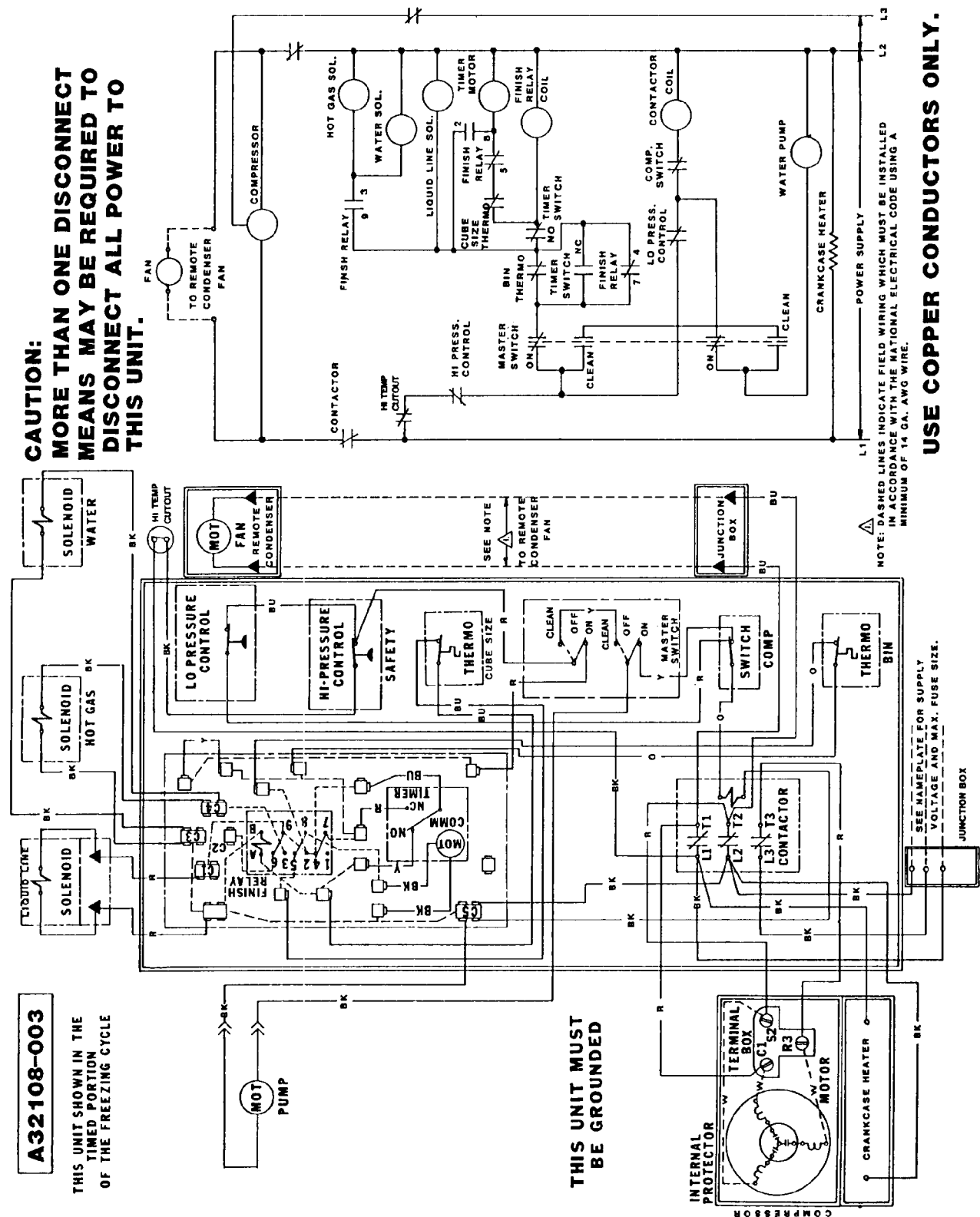


Use of the High Temperature cut-out begins with Serial Number 877650-02G

Wiring Diagram CM650RE-32 (208-230/60/3)

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CM650R WIRING DIAGRAM



Wiring Diagram CM650RE-3D (208-220/60/3)

DASHED LINES INDICATE FIELD WIRING WHICH MUST BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE USING A MINIMUM OF 14 GA. AWG WIRE.