

CM450 Parts List

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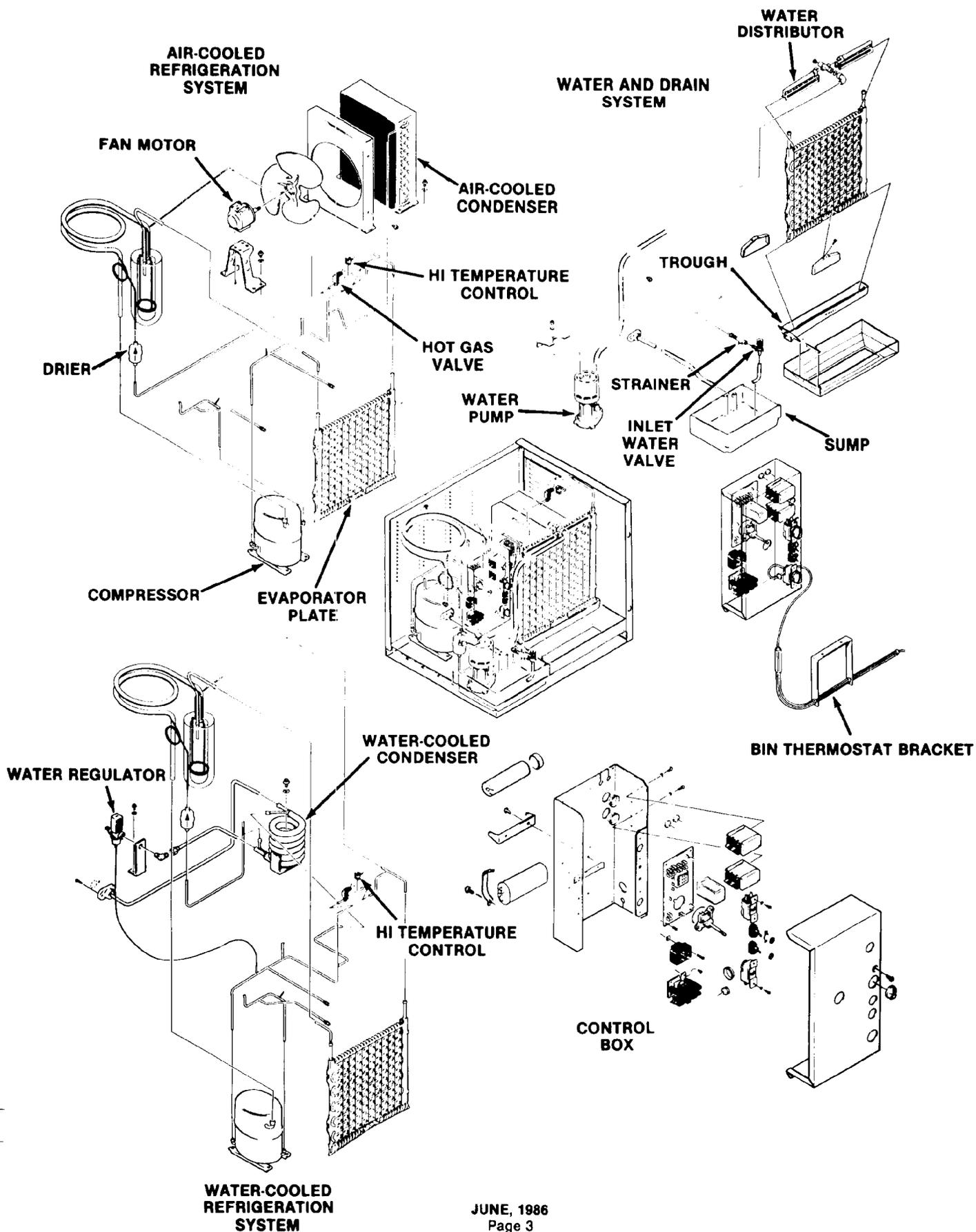
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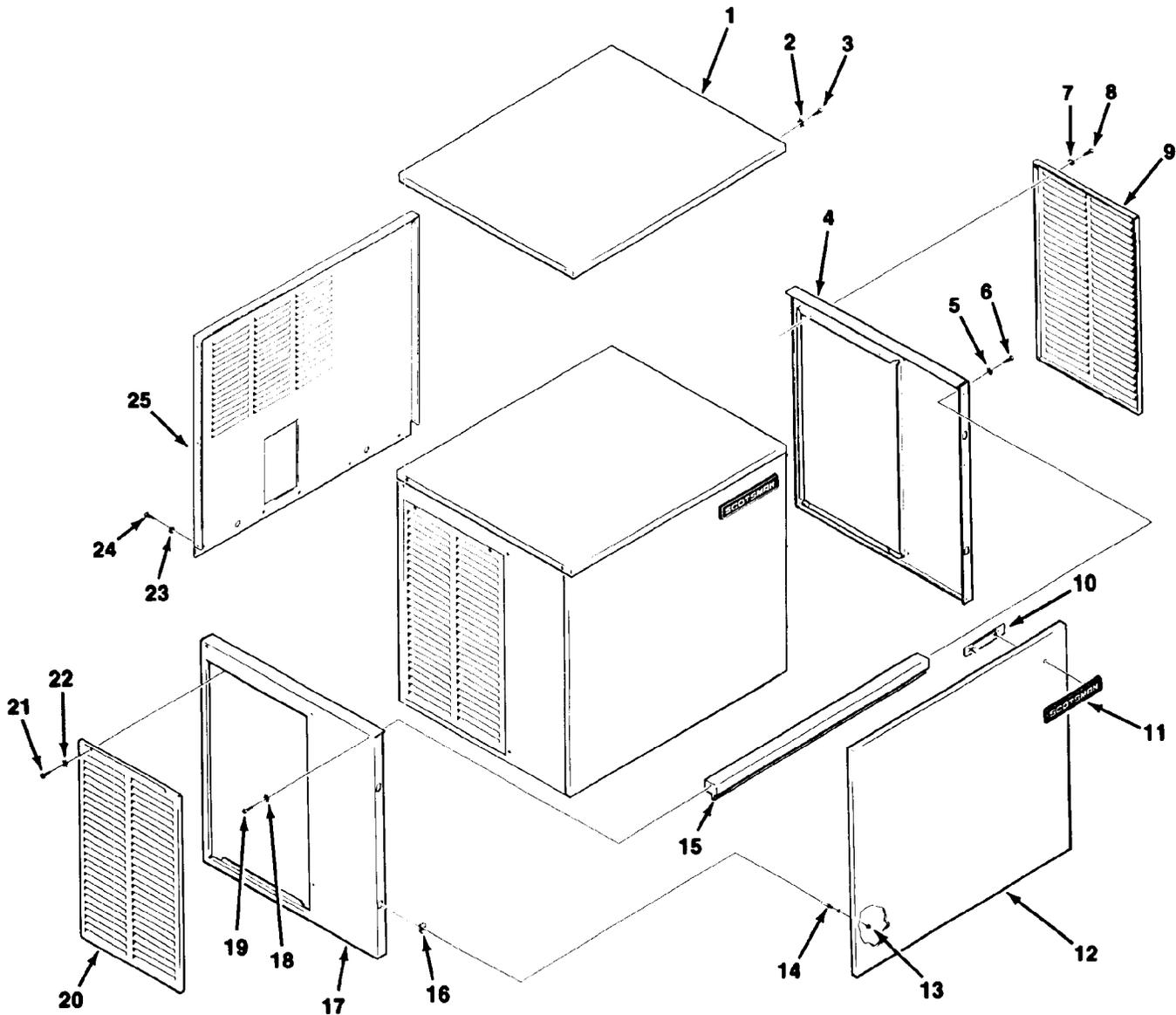
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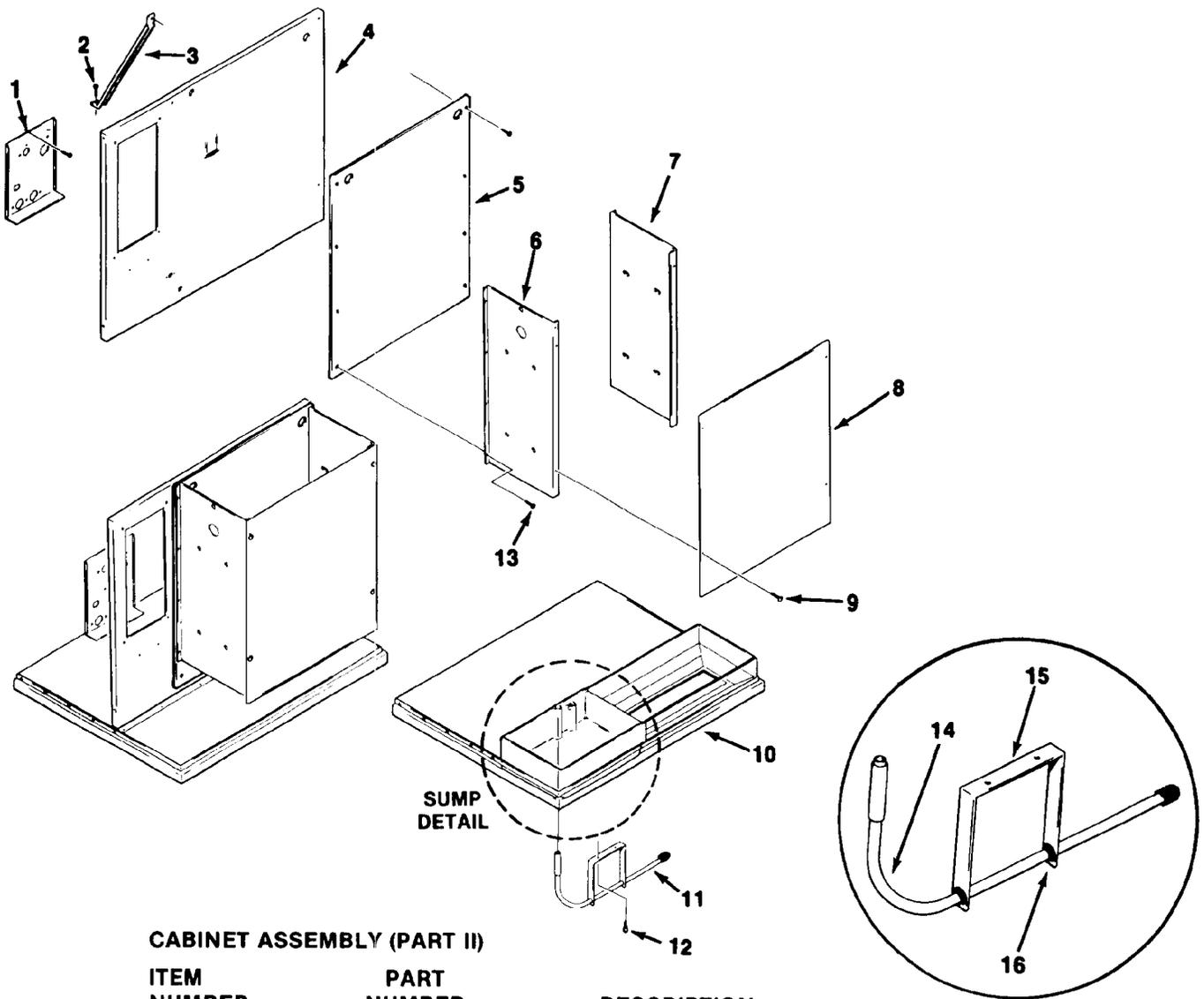
CM450 THE PARTS ILLUSTRATIONS AND PARTS LISTS



CABINET ASSEMBLY (PART I)

ITEM NUMBER	PART NUMBER		DESCRIPTION	ITEM NUMBER	PART NUMBER		DESCRIPTION
	"A" & "C"	"D"			"A" & "C"	"D"	
1	A31045-001	A32159-001	Top Panel, Enamel	13	03-1406-04	Same	Nut, #8-32
	A31045-002	A32159-002	Top Panel, Stainless Steel		15-0411-00	Same	Strike
2	03-1417-03	Same	Lockwasher	15	A31046-001	A32169-001	Front Support
3	03-1531-01	Same	Screw, #8-32	16	02-0836-00	Same	Cabinet Catch
4	A31044-001	A32162-001	End Panel (Right), Enamel	17	A31043-001	A32163-001	End Panel (Left), Enamel
	A31044-002	A32162-002	End Panel (Right), Stainless Steel		A31043-002	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		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		03-1412-03	Same	Lockwasher
10	03-0271-00	Same	Spec Nut	23	03-1417-03	Same	Lockwasher
11	15-0711-00	Same	Emblem	24	03-1531-01	Same	Screw
12	A30899-001	A32160-001	Front Panel, Enamel	25	A31048-001	A32202-001	Back Panel, F.A.
	A30899-002	A32160-002	Front Panel, Stainless Steel				

CM450 THE PARTS ILLUSTRATIONS AND PARTS LISTS

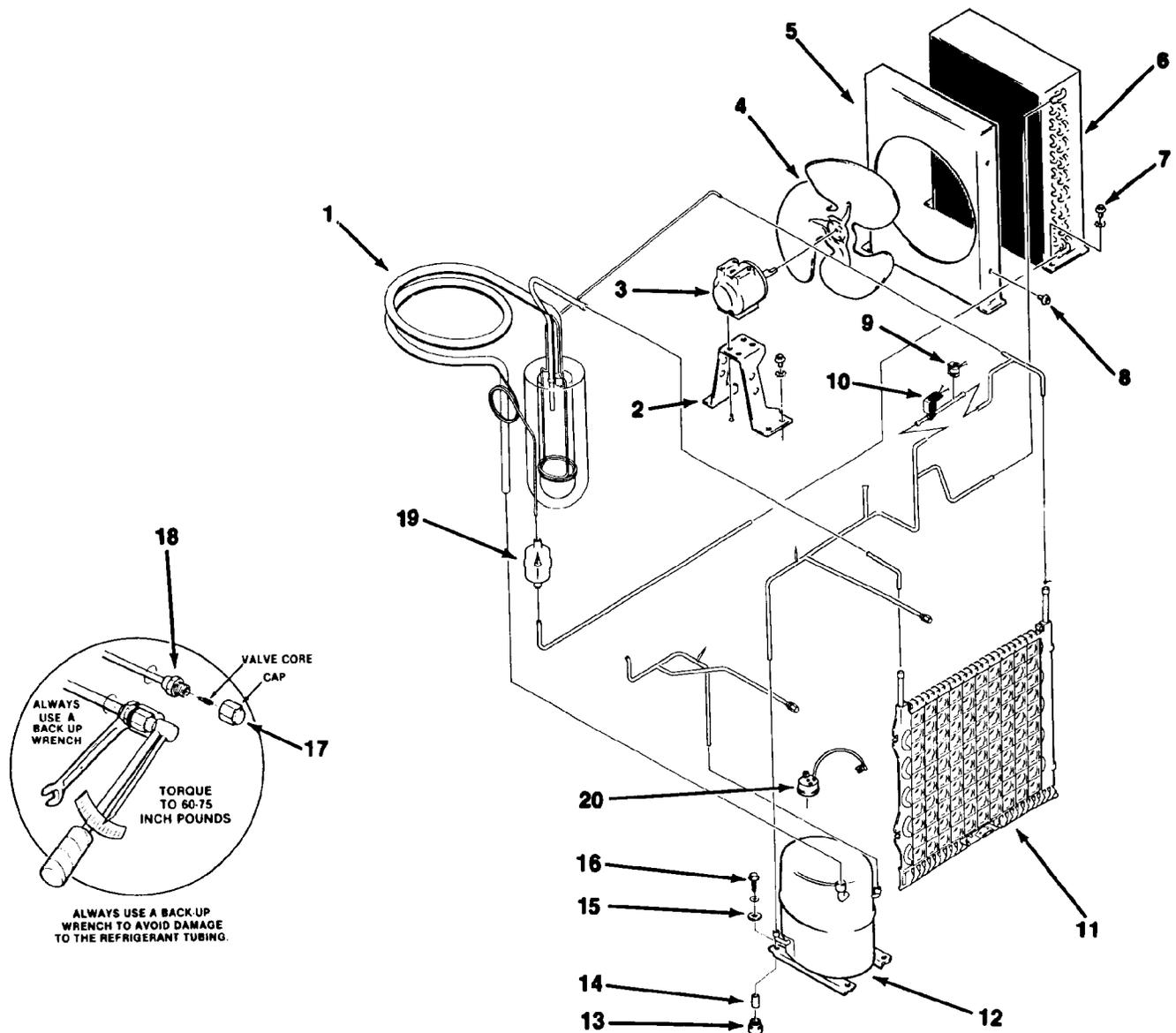


CABINET ASSEMBLY (PART II)

ITEM NUMBER	PART NUMBER		DESCRIPTION
	"A" & "C"	"D"	
1	A31874-001	A32166-001	Junction Box Bracket
2	Same	03-1645-01	Screw
3	A30906-001	A32210-001	Support Brace
4	A31151-001	A32157-001	Retainer F.A.
5	02-2810-C1	02-2867-01	Splash Panel
6	A30895-001	A32172-001	Evaporator Bracket (Right)
7	A30896-001	A32173-001	Evaporator Bracket (Left)
8	A30897-001	A32165-001	Evaporator Plate Cover
9	03-0727-C9	Same	Thumbscrew
10	No Number	A32153-001	Base
11	A30959-001	See Detail "D"	Bin Thermostat Bracket
12	03-0727-05	03-0727-09	Thumbscrew
13	No Number	03-1531-002	Screw
14	No Number	A32261-001	Tube Bin Thermostat
15	No Number	A31104-001	Bracket
16	No Number	13-0116-00	Grommet

DETAIL
"D" MODEL

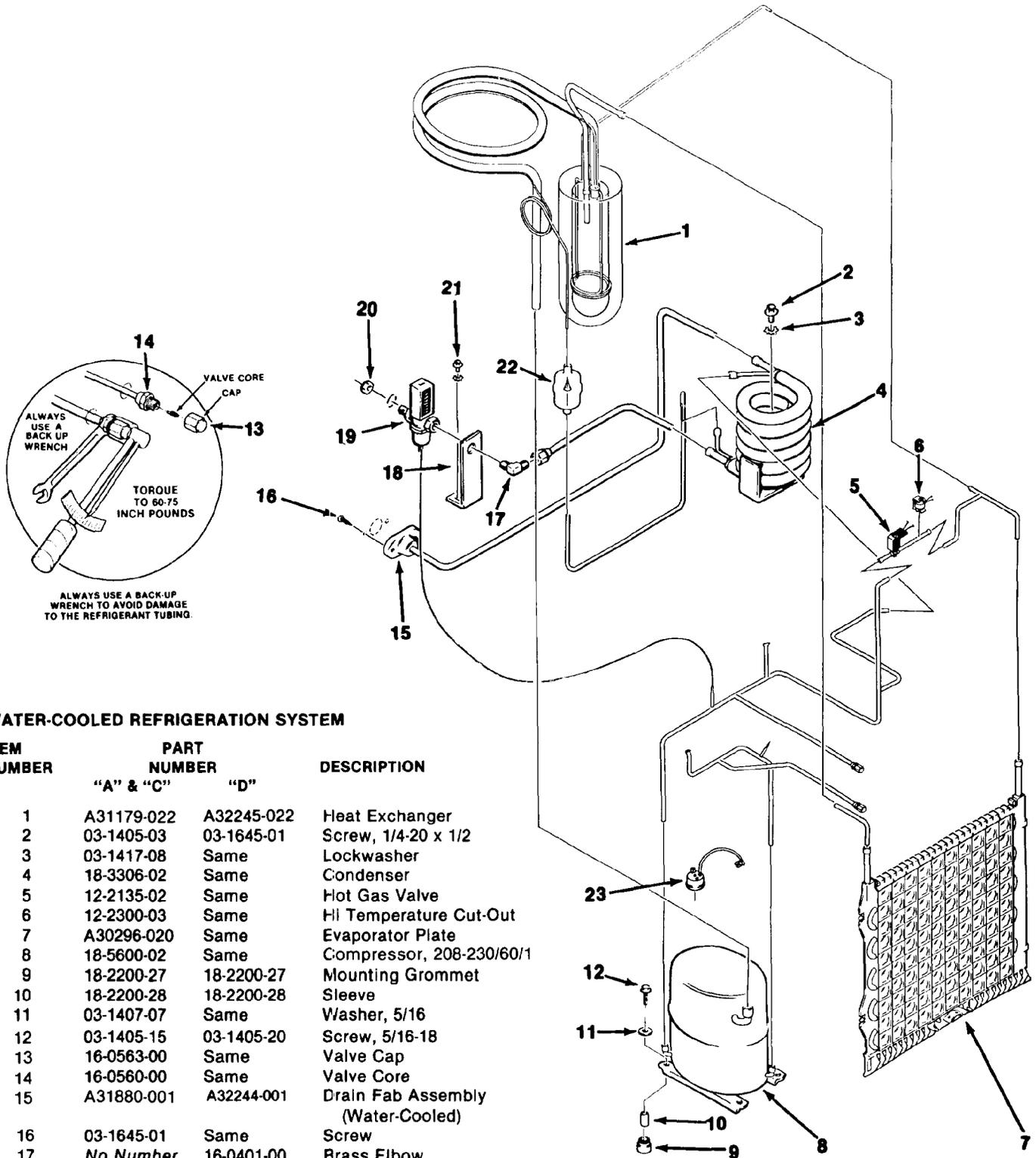
CM450 THE PARTS ILLUSTRATIONS AND PARTS LISTS



AIR-COOLED REFRIGERATION SYSTEM

ITEM NUMBER	PART NUMBER		DESCRIPTION	ITEM NUMBER	PART NUMBER		DESCRIPTION
	"A" & "C"	"D"			"A" & "C"	"D"	
1	A31179-022	A32245-022	Heat Exchanger	10	12-2135-02	Same	Hot Gas Solenoid & Co
2	18-3739-01	Same	Motor Mount	11	A30296-020	Same	Evaporator Plate
3	18-5105-02	Same	Fan Motor	12	18-5600-02	Same	Compressor, 208-230V
4	18-3732-01	Same	Fan Blade	13	18-2200-27	Same	Mounting Grommet
5	A23929-001	A32171-001	Shroud	14	18-2200-28	Same	Sleeve
6	18-0398-01	Same	Condenser	15	03-1407-07	Same	Washer, 5/16
7	03-1405-03	03-1645-01	Screw, 1/4-20 x 1/2	16	03-1405-15	03-1405-20	Screw, 5/16-18
8	03-1404-29	Same	Screw, #8-32	17	16-0563-00	Same	Valve Cap
9	12-2300-03	Same	Hi Temperature Cut-out	18	16-0560-00	Same	Valve Core
				19	02-2426-02	Same	Drier Filter
				20	18-5600-51	Same	Overload Compressor

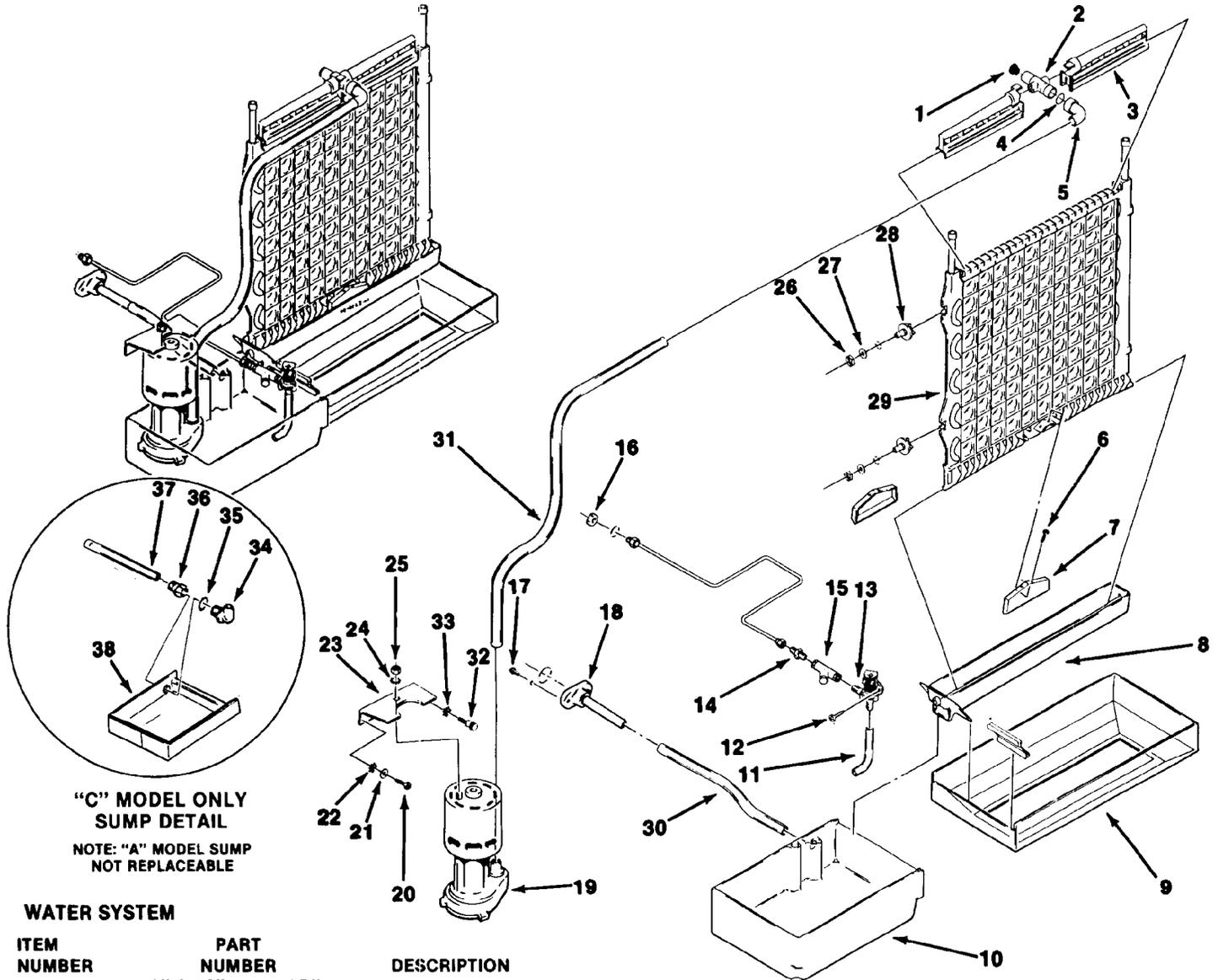
CM450 THE PARTS ILLUSTRATIONS AND PARTS LISTS



WATER-COOLED REFRIGERATION SYSTEM

ITEM NUMBER	PART NUMBER		DESCRIPTION
	"A" & "C"	"D"	
1	A31179-022	A32245-022	Heat Exchanger
2	03-1405-03	03-1645-01	Screw, 1/4-20 x 1/2
3	03-1417-08	Same	Lockwasher
4	18-3306-02	Same	Condenser
5	12-2135-02	Same	Hot Gas Valve
6	12-2300-03	Same	Hi Temperature Cut-Out
7	A30296-020	Same	Evaporator Plate
8	18-5600-02	Same	Compressor, 208-230/60/1
9	18-2200-27	18-2200-27	Mounting Grommet
10	18-2200-28	18-2200-28	Sleeve
11	03-1407-07	Same	Washer, 5/16
12	03-1405-15	03-1405-20	Screw, 5/16-18
13	16-0563-00	Same	Valve Cap
14	16-0560-00	Same	Valve Core
15	A31880-001	A32244-001	Drain Fab Assembly (Water-Cooled)
16	03-1645-01	Same	Screw
17	No Number	16-0401-00	Brass Elbow
18	No Number	Same	Bracket
19	11-0424-01	Same	Water Regulator Valve
20	03-1394-01	Same	Pal Nut
21	03-1403-14	Same	Screw, #8 x 3/16
22	02-2426-02	Same	Drier Filter
23	18-5600-51	Same	Overload Compressor

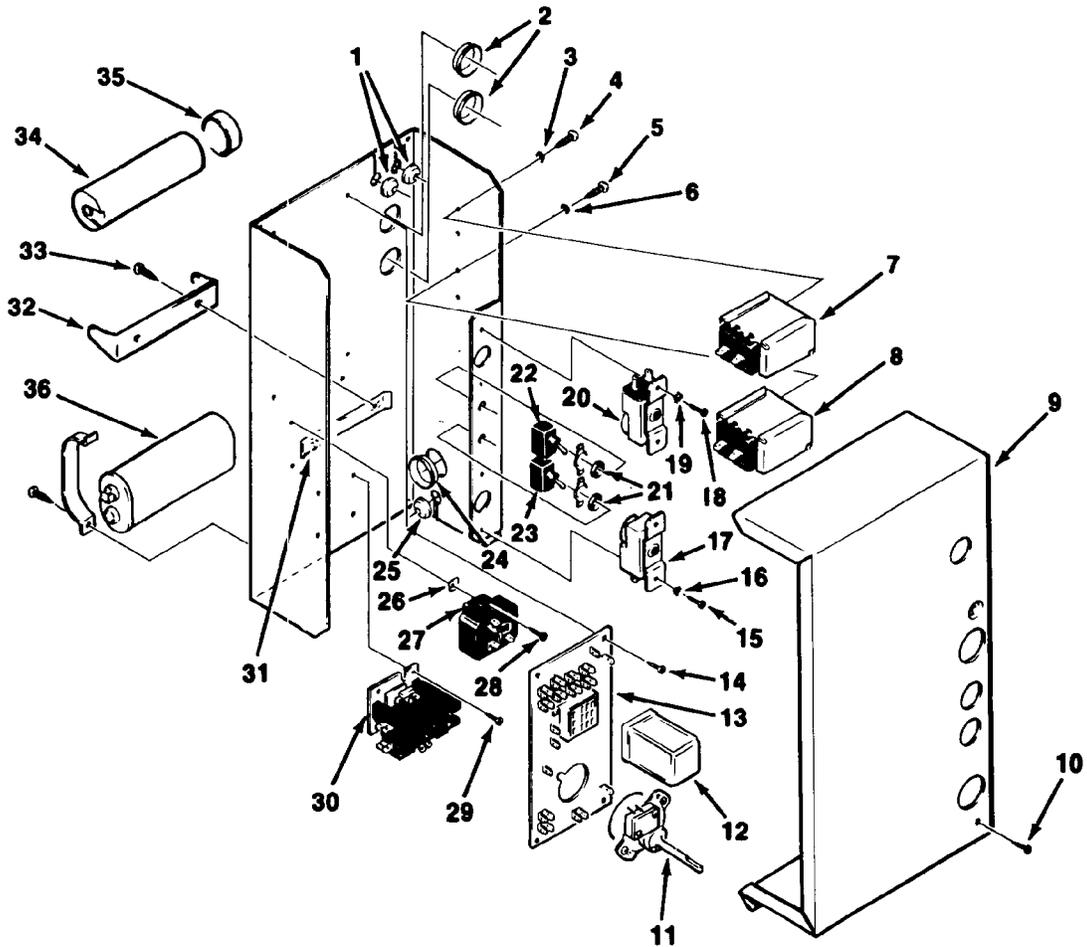
CM450 THE PARTS ILLUSTRATIONS AND PARTS LISTS



WATER SYSTEM

ITEM NUMBER	PART NUMBER		DESCRIPTION				
	"A" & "C"	"D"					
1	13-0840-01	Same	Manifold Hole Plug	21	Same	03-1407-03	Washer
2	A29703-001	Same	Manifold Water Tube	22	Same	03-1408-31	Washer
3	02-2527-01	Same	Water Distributor Tube	23	A30914-001	A30914-002	Pump Mounting Bracket
4	13-0617-48	Same	O-Ring	24	03-1417-03	03-1417-05	Lockwasher, #10
5	16-0671-01	Same	Elbow	25	03-1406-03	03-1406-05	Nut, #10-32
6	03-1404-10	Same	Screw, #8 x 1/2" S.S.	26	Same	03-1394-03	Pal Nut
7	02-2523-01	02-2878-01	Sump End Cover	27	Same	03-1408-34	Special Washer
8	02-2801-01	02-2868-01	Drain Trough	28	02-2642-01	Same	Plate Mount
9	No Number	No Number	Cube Chute	29	A30296-020	Same	Evaporator Plate
10	See "C" Detail	02-2869-01	Sump	30	Same	13-0674-07	Drain Hose, 8"
11	A30918-001	Same	Sump Inlet Tube	31	13-0674-07	13-0674-07	Water Hose, 33"
12	03-1531-01	Same	Screw, #8-32	32	03-0727-05	03-0727-09	Thumbscrew
13	12-2261-02	12-2313-02	Solenoid Valve Assembly	33	03-1417-03	Same	Lockwasher
14	No Number	No Number	Half Union Coupling	"A" & "C" SUMP DETAIL			
15	No Number	16-0162-00	Strainer			"A"	"C"
16	03-1394-01	Same	Pal Nut	34	A30917-001	A30917-002	Stand Pipe
17	03-1645-01	Same	Screw	35	13-0617-02	Same	O-Ring
18	A31757-004	A32282-003	Drain Fab Assembly (Air-Cooled)	36	02-2606-01	Same	Tube - Female
19	12-2260-22	Same	Water Pump Assembly	37	13-0674-07	Same	Drain Tube, 8"
20	Same	03-1403-17	Screw, #8-32 x 3/8"	38	See "C" Detail	02-2852-02	Reservoir

CM450 THE PARTS ILLUSTRATIONS AND PARTS LISTS

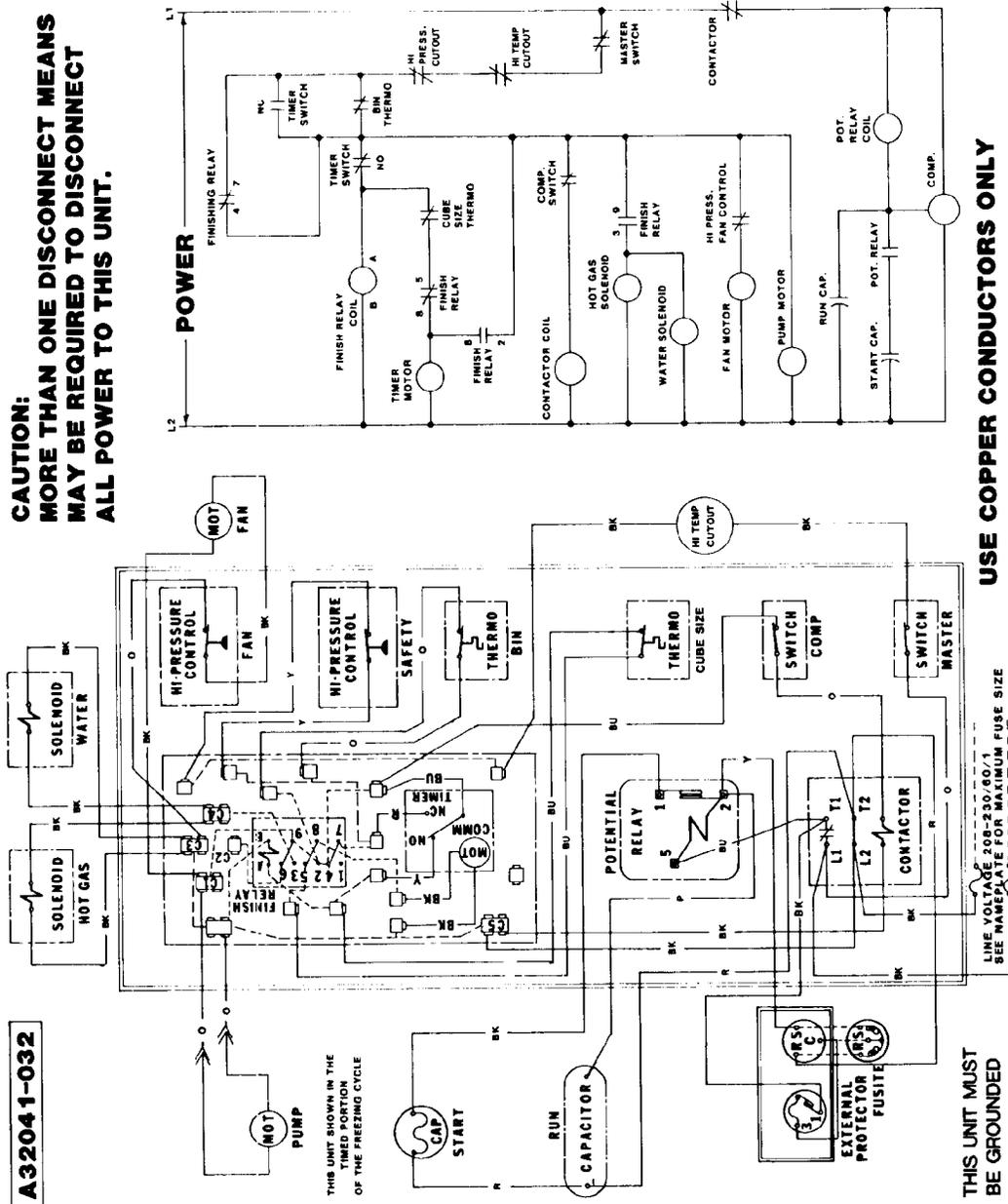


CONTROL BOX

ITEM NUMBER	PART NUMBER		DESCRIPTION	ITEM NUMBER	PART NUMBER		DESCRIPTION
	"A" & "C"	"D"			"A" & "C"	"D"	
1	13-0557-00	Same	Grommet	17	11-0427-02	Same	Bin Thermostat
2	12-1213-10	Same	Snap Bushing	18	03-1403-05	Same	Screw, #8-32 (2)
3	03-1417-18	Same	Tooth Lockwasher (2)	19	03-1417-03	Same	Tooth Lockwasher
4	03-1403-02	Same	Screw, #6-32 (2)	20	11-0428-01	Same	Cube Size Control
5	03-1403-02	Same	Screw, #6-32 (2)	21	03-1417-16	Same	Tooth Lockwasher
6	03-1417-18	Same	Tooth Lockwasher (2)	22	12-0426-01	Same	Switch SPST
7	11-0426-01	Same	Fan Pressure Control (Air-Cooled Only)	23	12-0426-01	Same	Switch SPST
8	11-0425-01	Same	High Pressure Control (Air-Cooled)	24	12-1213-17	Same	Snap Bushing
	11-0410-02	Same	High Pressure Control (Water-Cooled)	25	13-0557-00	Same	Grommet
9	A30902-001	A32168-001	Control Box Cover	26	03-1423-01	Same	Speed Nut (1)
10	03-1531-01	Same	Screw	27	18-1903-33	Same	Potential Relay (208-230)
11	12-1980-02	Same	Timer	28	03-1403-02	Same	Screw, #6-32 (2)
12	12-1879-03	Same	Relay, 3PDT (208-230)	29	03-1403-15	Same	Screw, #8-32
13	12-1912-01	Same	Circuit Board	30	12-2048-02	Same	Contactor (208-230/60/1)
14	03-1403-02	Same	Screw, #6-32 (5)	31	03-1103-00	Same	Twin Speed Nut (1)
15	03-1403-05	Same	Screw, #8-32 (2)	32	18-2200-39	Same	Start Capacitor Bracket
16	03-1417-03	Same	Tooth Lockwasher	33	03-1403-15	Same	Screw, #8-32 (2)
				34	18-1901-45	Same	Start Capacitor
				35	18-2200-38	Same	Start Capacitor Cap
				36	18-1902-45	Same	Run Capacitor

CM450C WIRING DIAGRAM

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



USE COPPER CONDUCTORS ONLY

A32041-032

THIS UNIT SHOWN IN THE
 TIMED PORTION
 OF THE FREEZING CYCLE

**THIS UNIT MUST
 BE GROUNDED**

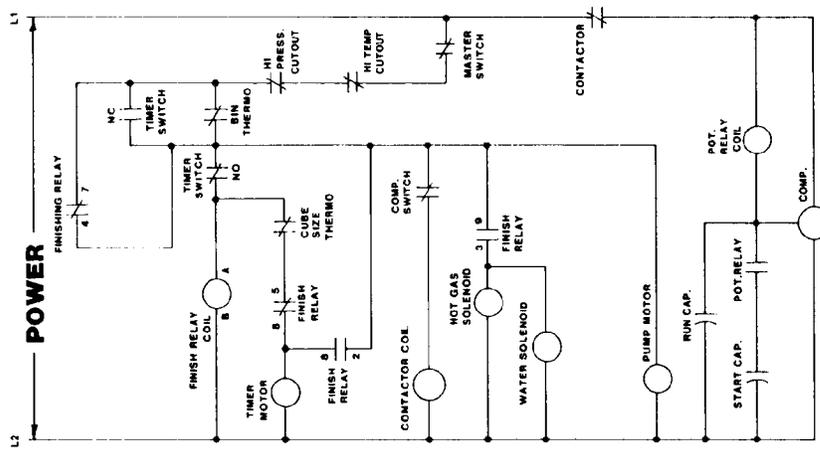
LINE VOLTAGE 208-230/60/1
 SEE NAME PLATE FOR MAXIMUM FUSE SIZE

CM450AE-32C (208-230/60/1) Air-Cooled

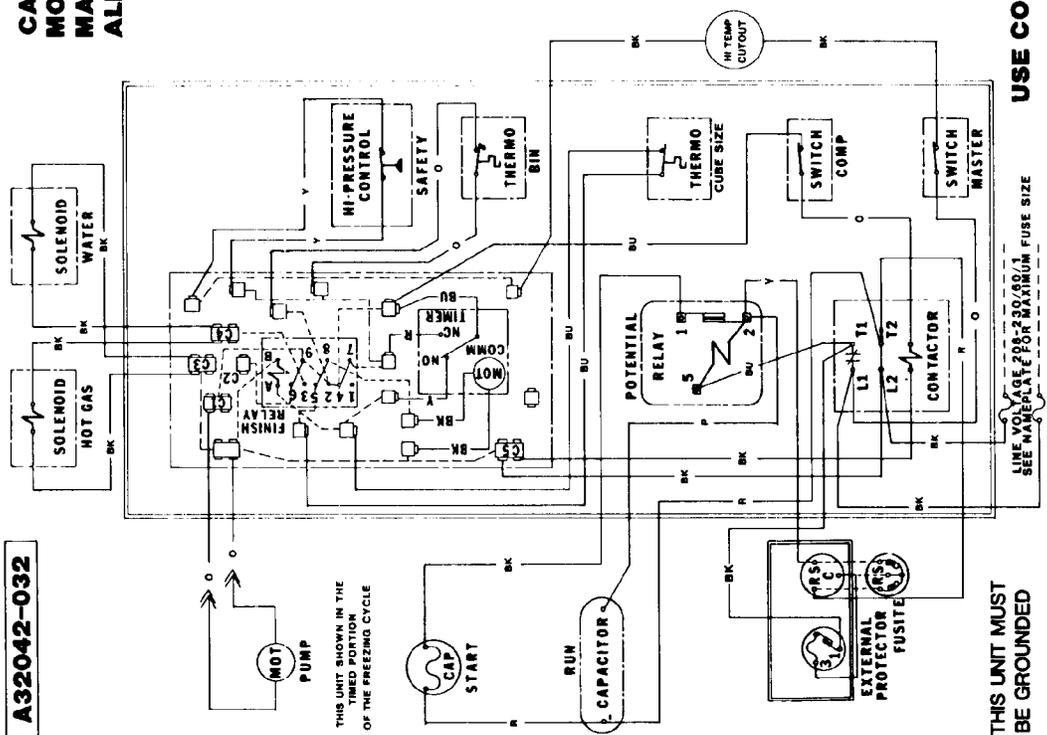
Use of the High Temperature cut-out begins with Serial Number 877760-02G.

CM450C WIRING DIAGRAM

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



USE COPPER CONDUCTORS ONLY



A32042-032

LINE VOLTAGE FOR SOLENOID FUSE SIZE
 SEE MANUAL

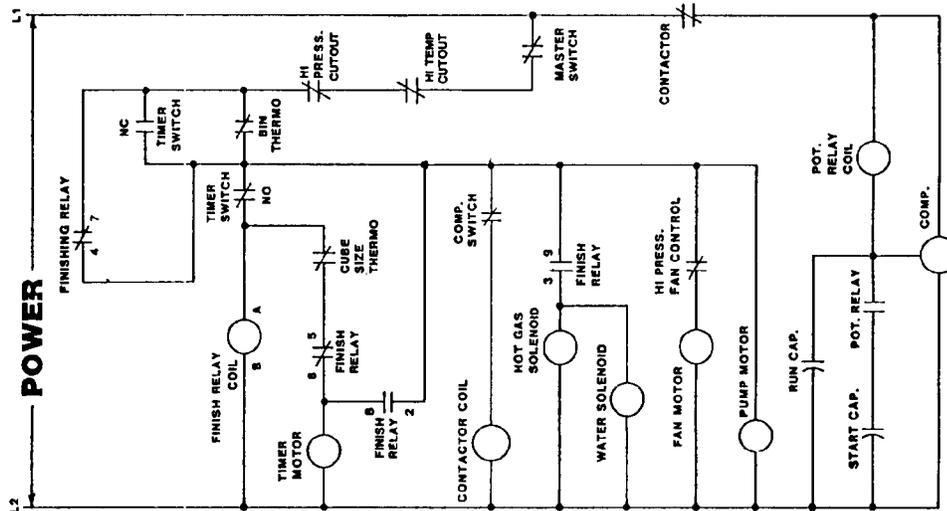
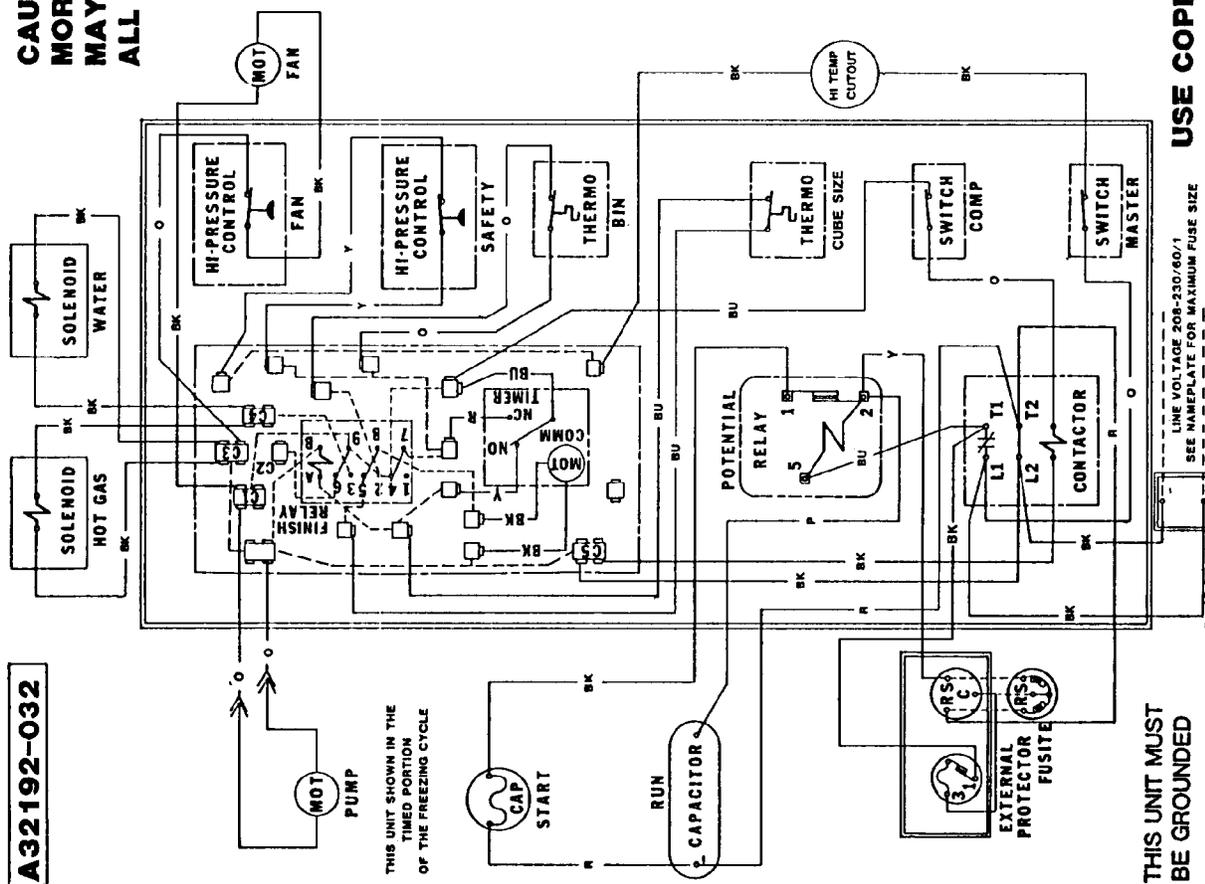
THIS UNIT MUST BE GROUNDED

CM450WE-32C (208-230/60/1) Water-Cooled

Use of the High Temperature cut-out begins with Serial Number 877760-02G.

CM450D WIRING DIAGRAM

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



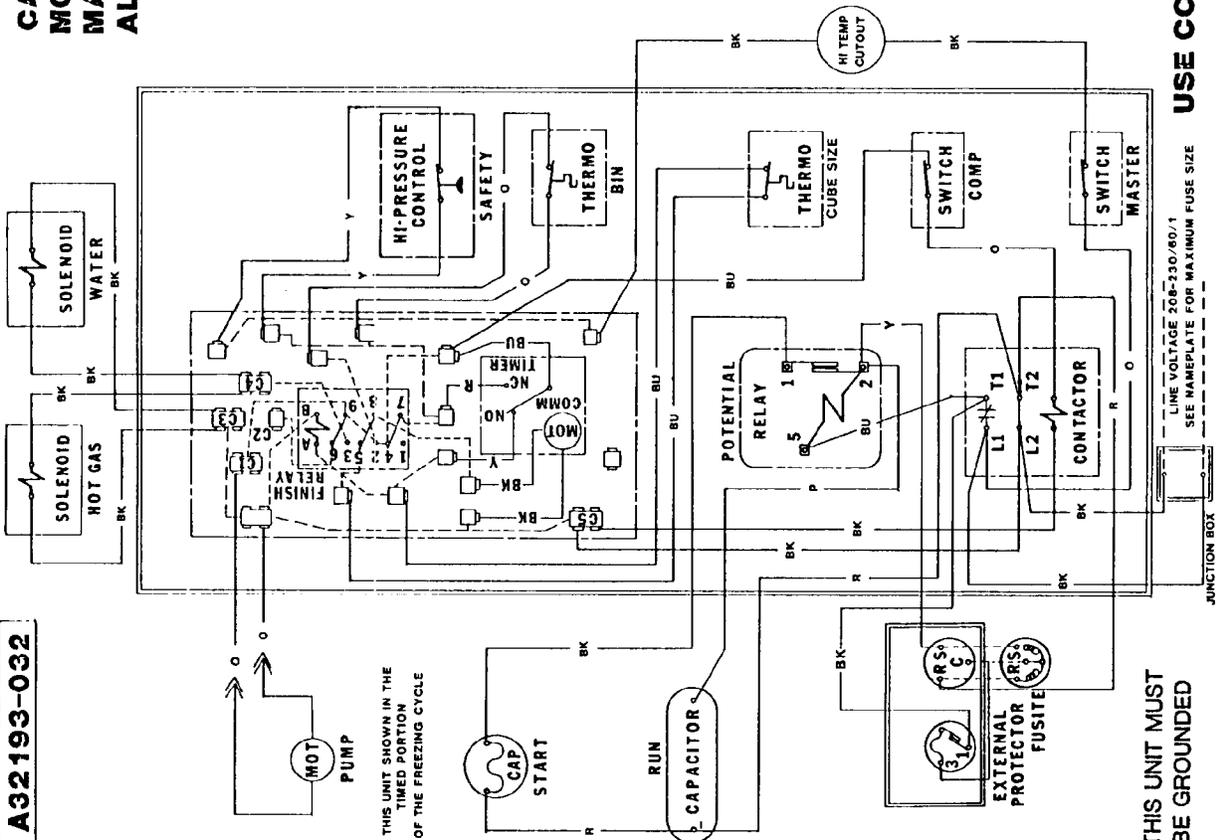
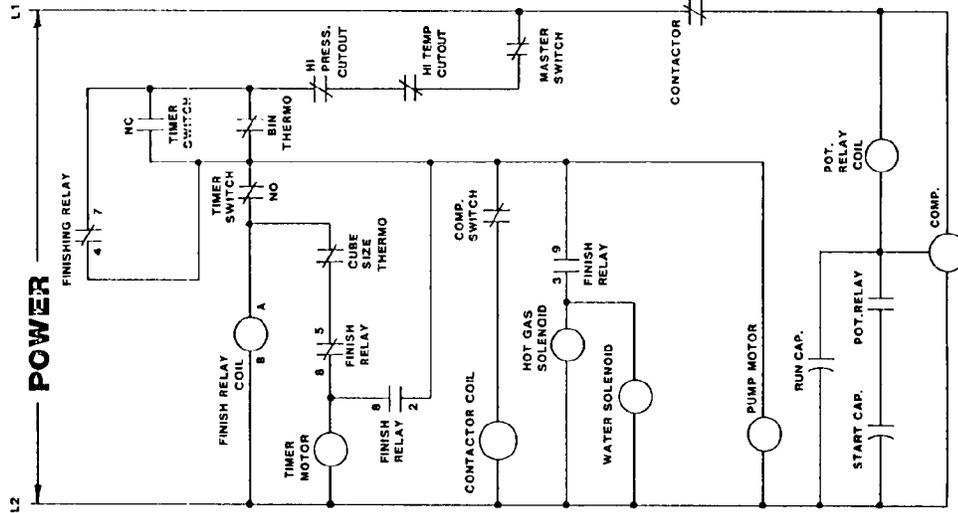
USE COPPER CONDUCTORS ONLY

**THIS UNIT MUST
 BE GROUNDED**

Wiring Diagram CM450AE-32D (208-230/60/1)

CM450D WIRING DIAGRAM

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



A32193-032

THIS UNIT SHOWN IN THE
 TIMED PORTION
 OF THE FREEZING CYCLE

USE COPPER CONDUCTORS ONLY

LINE VOLTAGE 208-230/60/1
 SEE NAMEPLATE FOR MAXIMUM FUSE SIZE

**THIS UNIT MUST
 BE GROUNDED**

Wiring Diagram CM450WE-32D (208-230/60/1)