

CM650 Parts List

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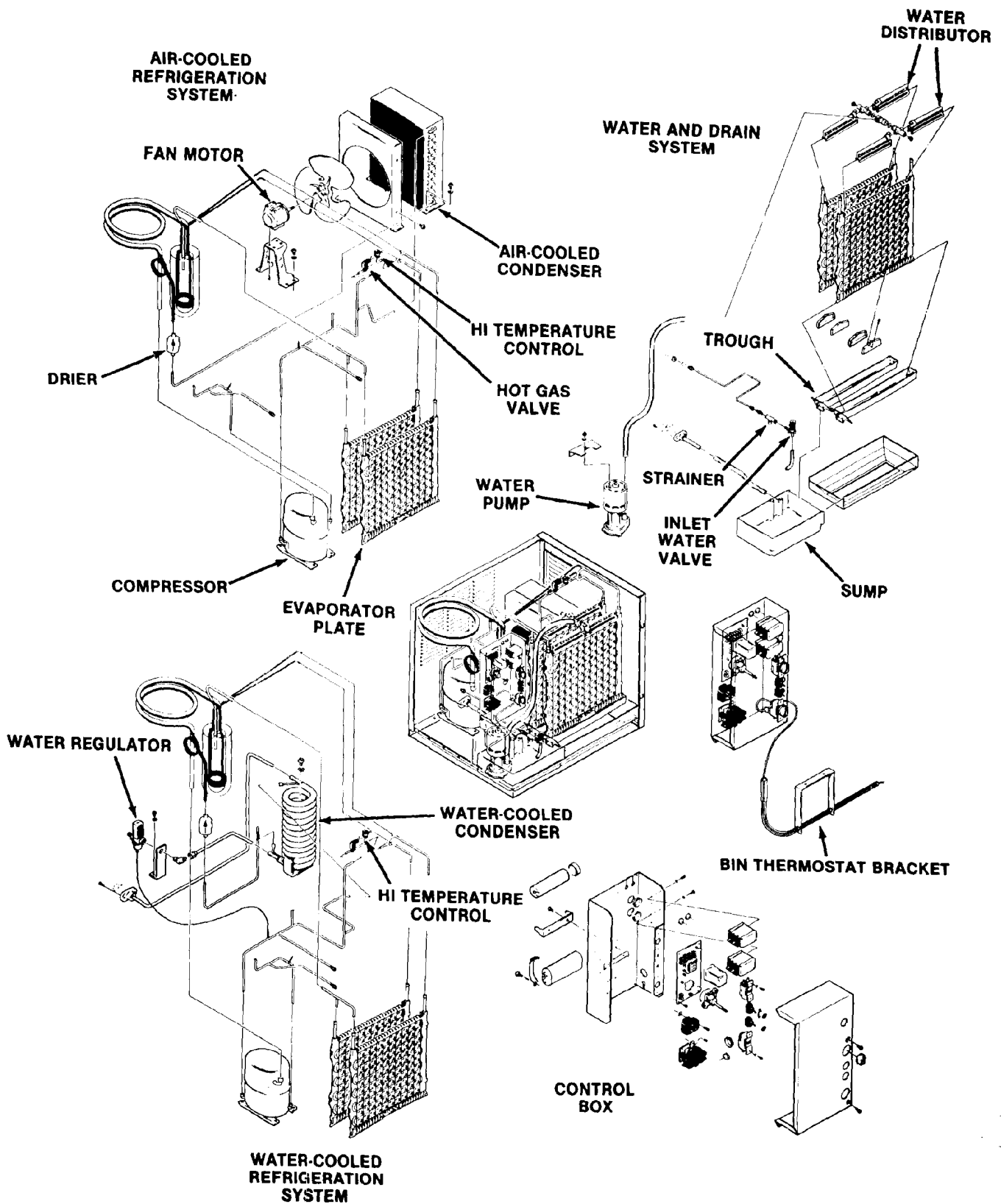
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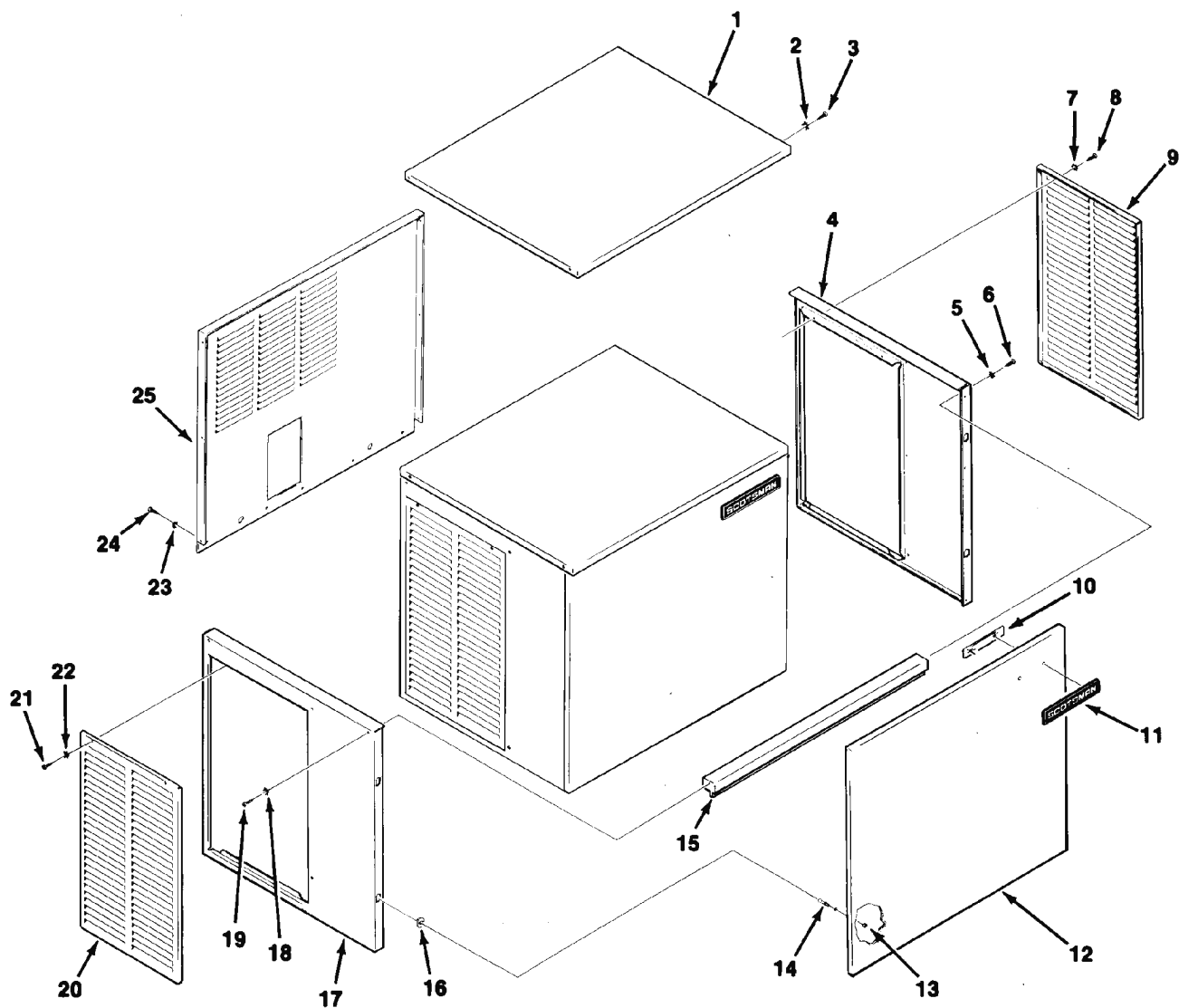
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CM650E SERVICE PARTS



CM650E SERVICE PARTS

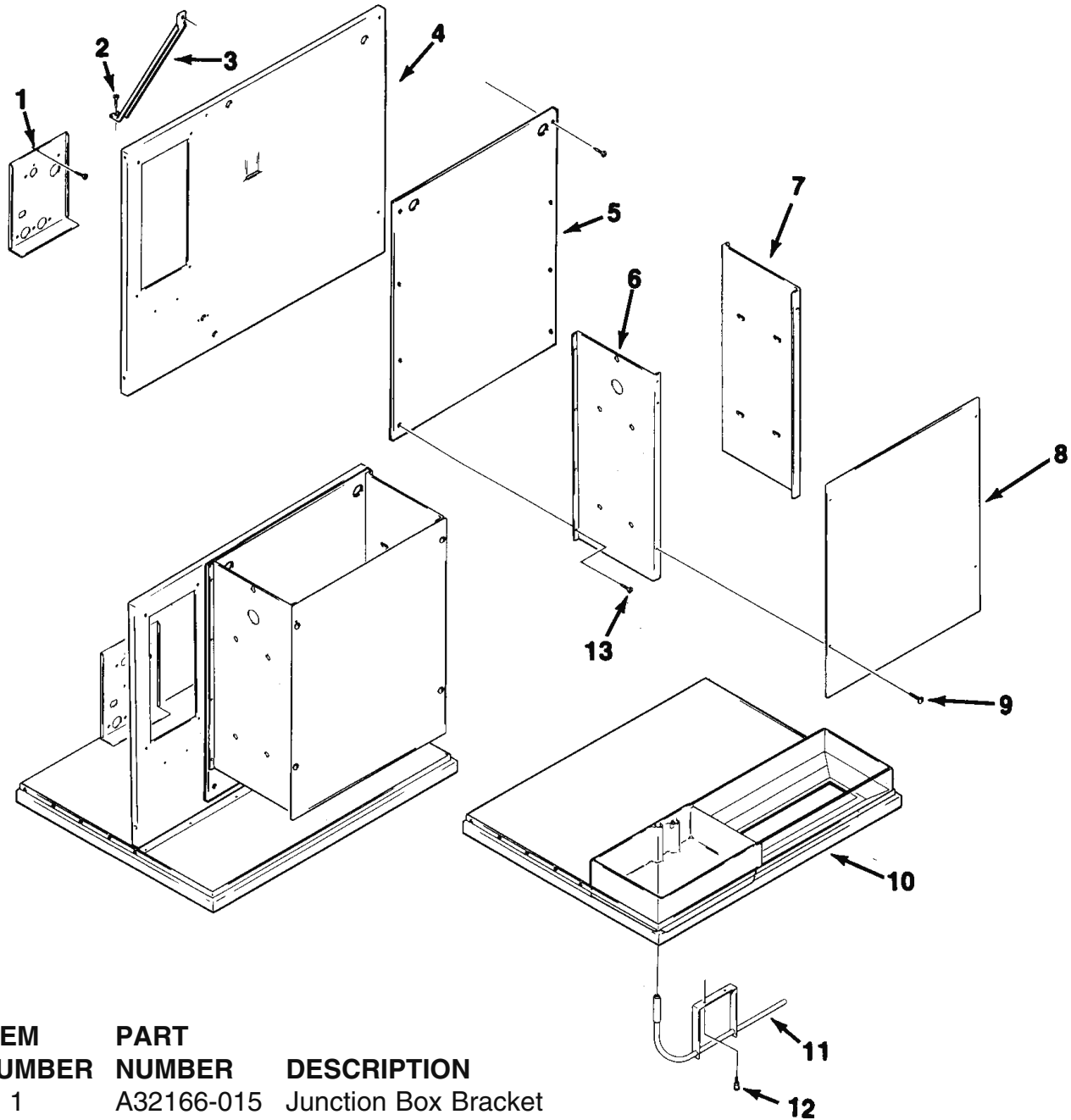
CABINET ASSEMBLY



ITEM NUMBER	PART NUMBER	DESCRIPTION	ITEM NUMBER	PART NUMBER	DESCRIPTION
1	A32159-001	Top Panel, Painted	13	03-1406-04	Nut
	A32159-002	Top Panel, S. S.	14	15-0411-00	Strike
2	03-1417-03	Lockwasher	15	A32169-001	Front Support
3	03-1531-01	Screw	16	02-0836-00	Cabinet Catch
4	A32162-001	Right End Panel, Paint	17	A32163-001	Left End Panel, Paint
	A32162-002	Right End Panel, S.S.		A32163-002	Left End Panel, S.S.
5.	03-1417-03	Lockwasher	18	03-1417-03	Lockwasher
6	03-1531-01	Screw	19	03-1531-01	Screw
7	03-1417-03	Lockwasher	20	A32161-001	Service Panel, Paint
8	03-1404-12	Screw		A32161-002	Service Panel, S.S.
9	A32161-001	Service Panel, Painted	21	03-1404-12	Screw
	A32161-002	Service Panel, S.S.	22	03-1412-03	Lockwasher
10	03-0271-00	Speed Nut	23	03-1417-03	Lockwasher
11	15-0711-01	Emblem	24	03-1531-01	Screw
12	A32160-001	Front Panel, Painted	25	A32202-003	Back Panel
	A32160-002	Front Panel, S.S.			

CM650E SERVICE PARTS

CABINET INTERIOR

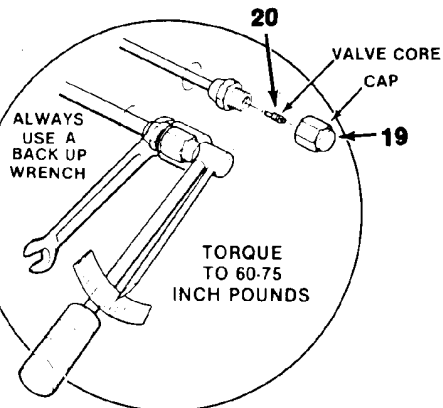
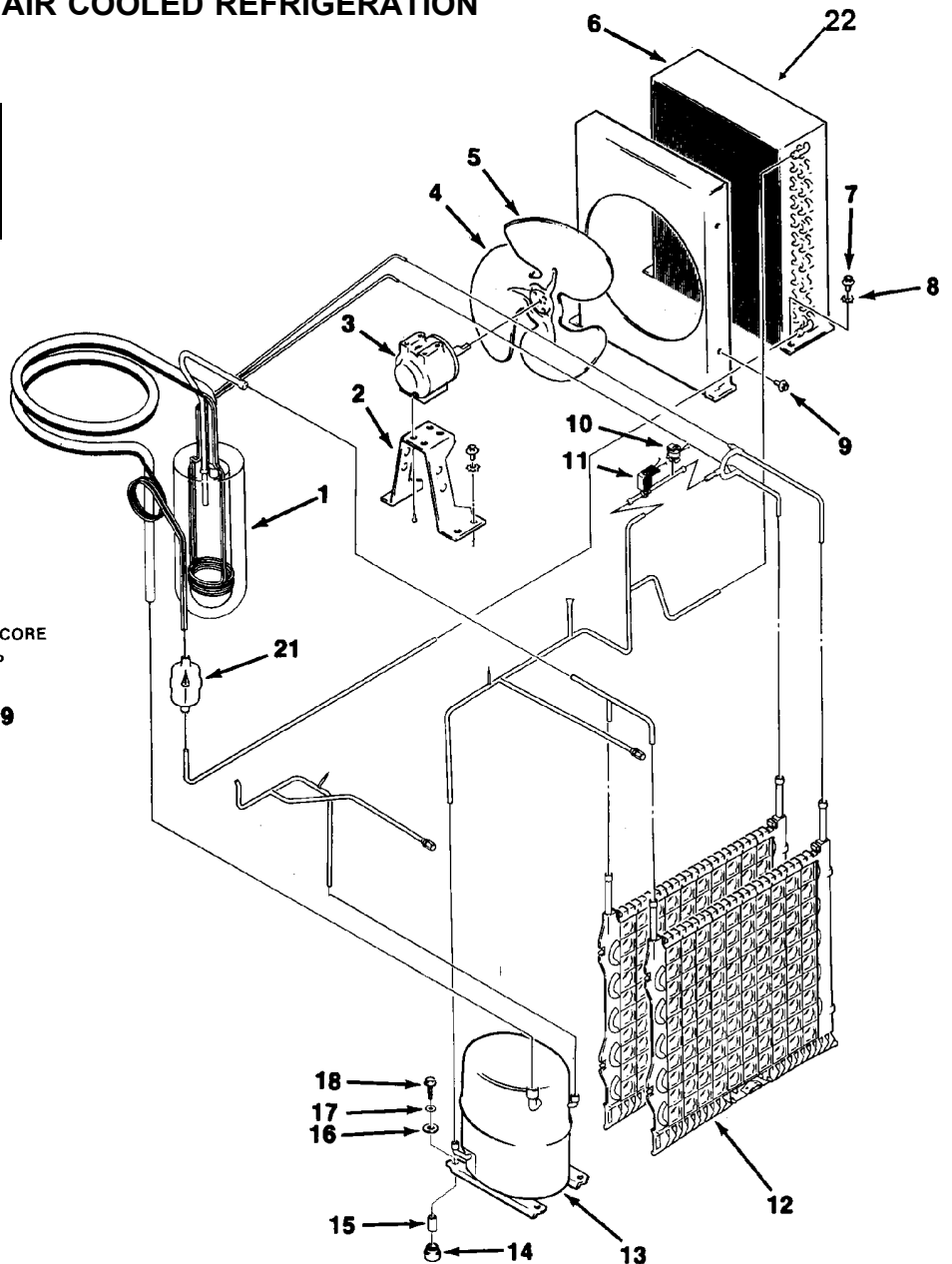


ITEM NUMBER	PART NUMBER	DESCRIPTION
1	A32166-015	Junction Box Bracket
2	03-1645-01	Screw
3	A32210-001	Support Brace
4	A32158-001	Retainer
5	02-2867-01	Splash Panel
6	A32172-001	Evaporator Bracket, Right
7	A32173-001	Evaporator Bracket, Left
8	02-3246-01	Evaporator Plate Cover
9	03-0727-09	Thumbscrew
10	A32153-001	Base
11	A32262-001	Bin Thermostat Bracket
12	03-0727-09	Thumbscrew
13	03-1531-02	Screw

CM650E SERVICE PARTS

AIR COOLED REFRIGERATION

Note: In the original parts list for the CM650E, the part numbers for items 3 and 11 were **WRONG**. Here are the correct part numbers.

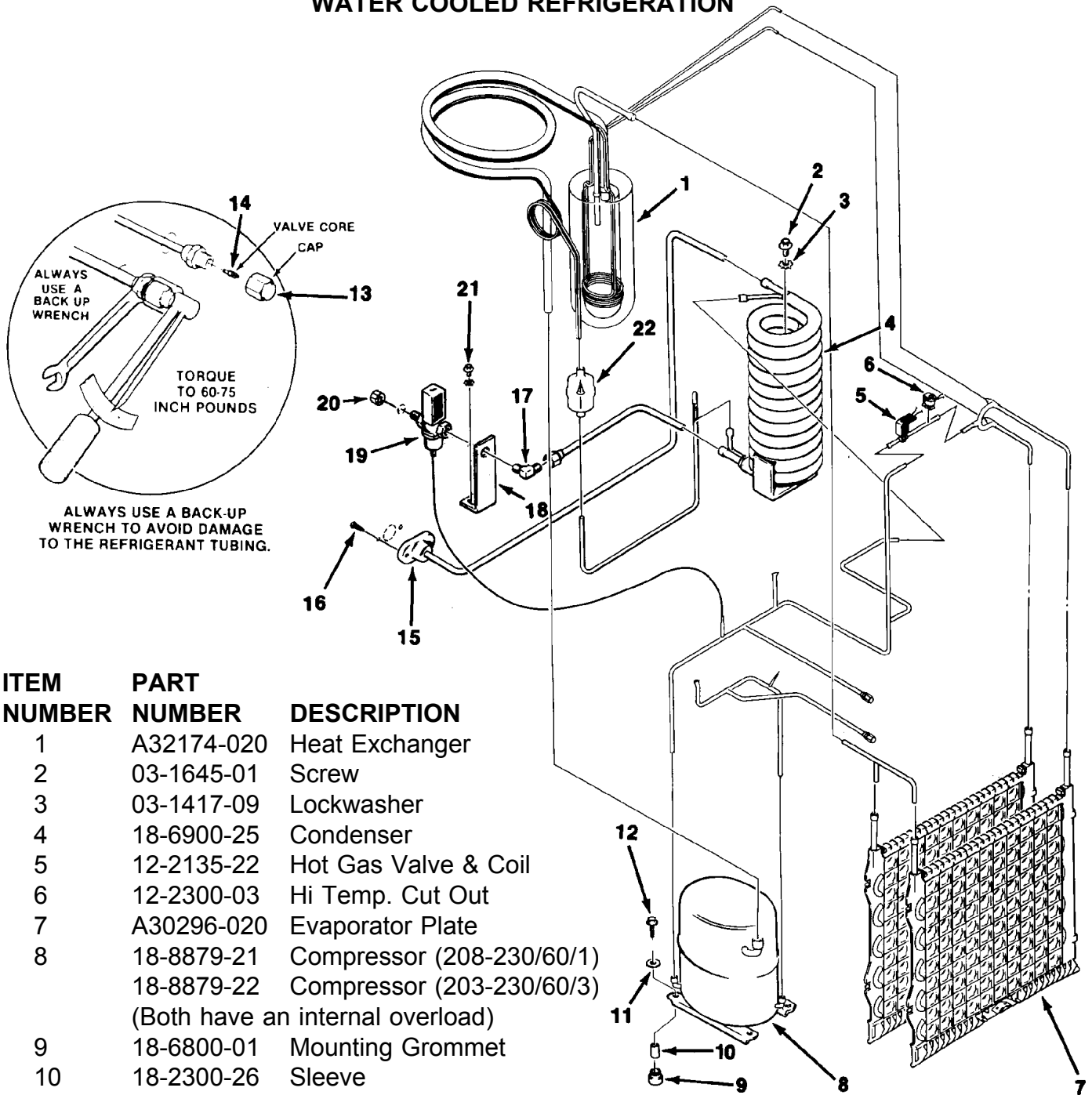


ALWAYS USE A BACK-UP WRENCH TO AVOID DAMAGE TO THE REFRIGERANT TUBING.

ITEM NUMBER	PART NUMBER	DESCRIPTION	ITEM NUMBER	PART NUMBER	DESCRIPTION
1	A32174-020	Heat Exchanger	13	18-8879-21	Compressor (203-230/60/1)
2	18-3739-01	Fan Motor Bracket		18-8879-22	Compressor (208-230/60/3)
3	18-5105-02	Fan Motor			(Both have an internal overload)
4	18-3732-01	Fan Blade	14	18-6800-01	Grommet
5	A32170-001	Fan Shroud	15	18-2300-26	Sleeve
6	18-3709-01	Condenser	16	03-1407-07	Washer
7	03-1645-01	Screw	17	no number	washer
8	03-1410-03	Lockwasher	18	03-1405-20	Screw
	03-1407-05	Washer	19	16-0563-00	Cap
9	03-1531-01	Screw	20	16-0560-00	Core
10	12-2300-03	Hi Temp Cut Out	21	02-3319-01	Drier
11	12-2135-22	Hot Gas Valve	22	A32975-001	Foam Filter
12	A30296-020	Evaporator			

CM650E SERVICE PARTS

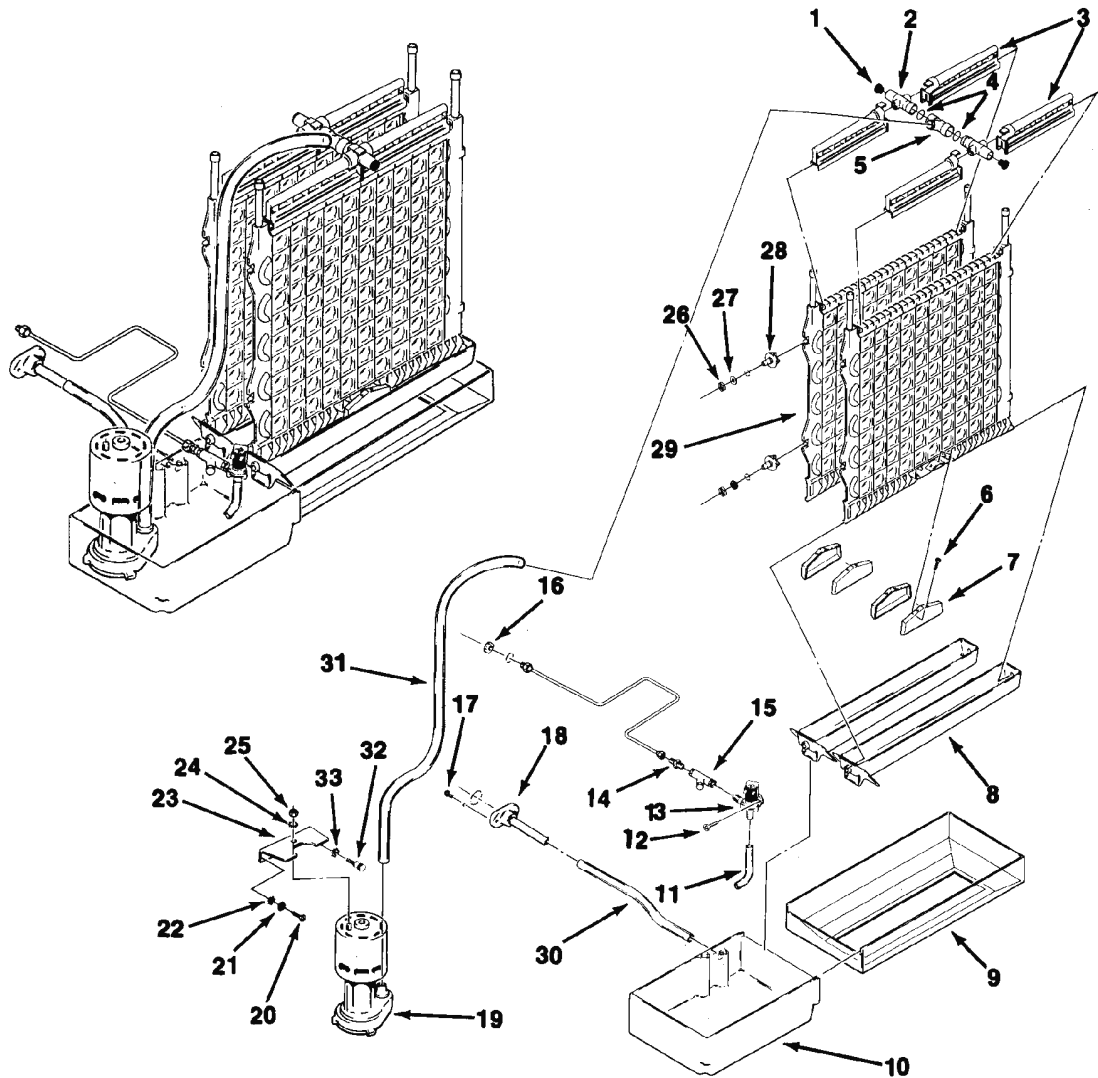
WATER COOLED REFRIGERATION



ITEM NUMBER	PART NUMBER	DESCRIPTION
1	A32174-020	Heat Exchanger
2	03-1645-01	Screw
3	03-1417-09	Lockwasher
4	18-6900-25	Condenser
5	12-2135-22	Hot Gas Valve & Coil
6	12-2300-03	Hi Temp. Cut Out
7	A30296-020	Evaporator Plate
8	18-8879-21	Compressor (208-230/60/1)
	18-8879-22	Compressor (203-230/60/3)
		(Both have an internal overload)
9	18-6800-01	Mounting Grommet
10	18-2300-26	Sleeve
11	03-1407-07	Washer
12	03-1405-20	Screw
13	16-0563-00	Valve Cap
14	16-0560-00	Valve Core
15	A33363-001	Drain Fab Assembly
16	03-1403-14	Screw
17	16-0401-02	Brass Elbow
18	no number	Bracket
19	11-0424-01	Water Reg. Valve
20	03-1394-01	Pal Nut
21	03-1403-14	Screw
22	02-3319-02	Filter Drier

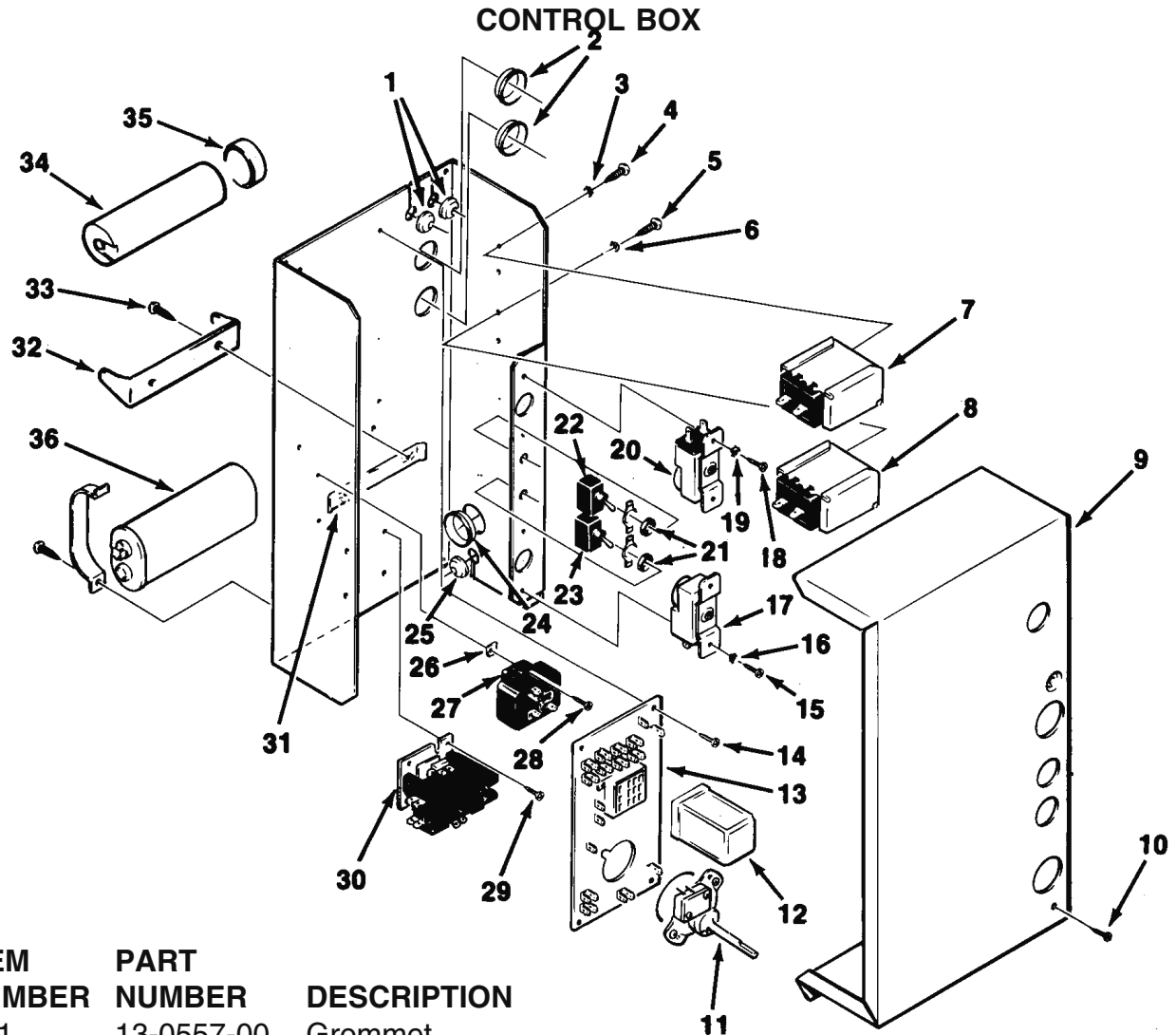
CM650E SERVICE PARTS

WATER SYSTEM



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

CM650E SERVICE PARTS

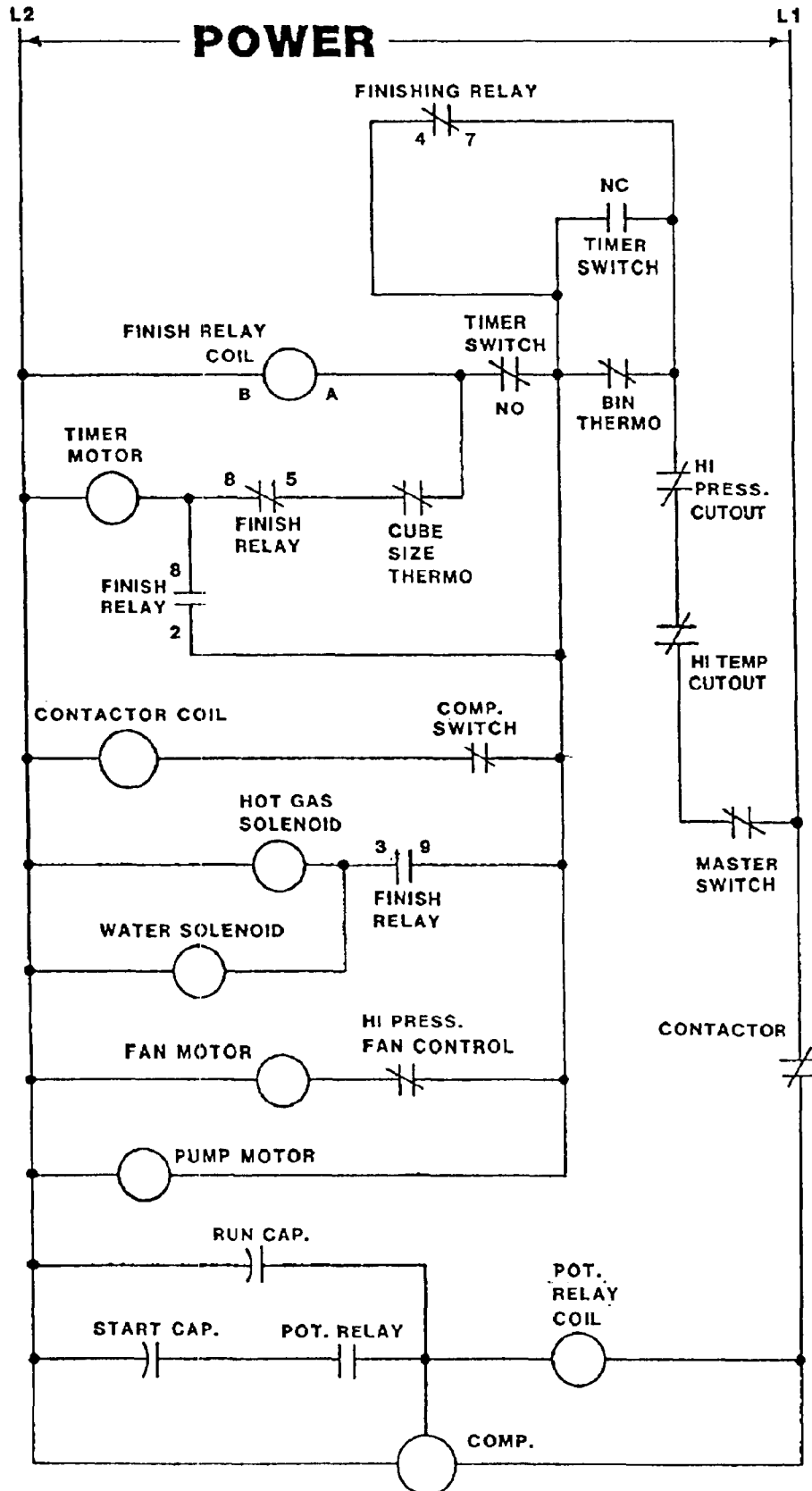


ITEM NUMBER	PART NUMBER	DESCRIPTION
1	13-0557-00	Grommet
2	12-1213-10	Snap Bushing
3	03-1417-18	Lockwasher
4	03-1403-02	Screw
5	03-1403-02	Screw
6	03-1417-18	Lockwasher
7	11-0426-22	Fan Control
8	11-0425-21	High Press. Safety -AC
	11-0410-22	High Press. Safety -WC
9	A32168-001	Control Box Cover
10	03-1531-01	Screw
11	12-2317-22	Timer & Switch
12	12-1879-03	Relay, 230 V
13	12-1912-01	Circuit Board
14	03-1403-02	Screw
15	03-1403-05	Screw
16	03-1417-03	Lockwasher
17	11-0427-22	Bin Thermostat
18	03-1403-05	Screw
19	03-1417-03	Lockwasher
20	11-0428-21	Cube Size Control

ITEM NUMBER	PART NUMBER	DESCRIPTION
21	03-1417-16	Lockwasher
22	12-0426-01	Switch
23	12-0426-01	Switch
24	12-1213-17	Snap Bushing
25	13-0557-00	Grommet
26	03-1423-01	Speed Nut
27	18-1903-46	Potential Relay
28	03-1403-02	Screw
29	03-1403-15	Screw
30	12-2469-02	Contactor, -32 (1 phase)
	12-0739-02	Contactor, -3 (3 phase)
31	no number	Twin Speed Nut
32	18-2200-39	Start Capacitor Bracket
33	03-1403-15	Screw
34	18-1901-48	Start Capacitor
35	18-2200-38	Start Capacitor Cap.
36	18-1902-45	Run Capacitor

CM650E WIRING DIAGRAMS

Schematic Diagram for CM650E-32E (208-230/60/1) Air or Water Cooled.



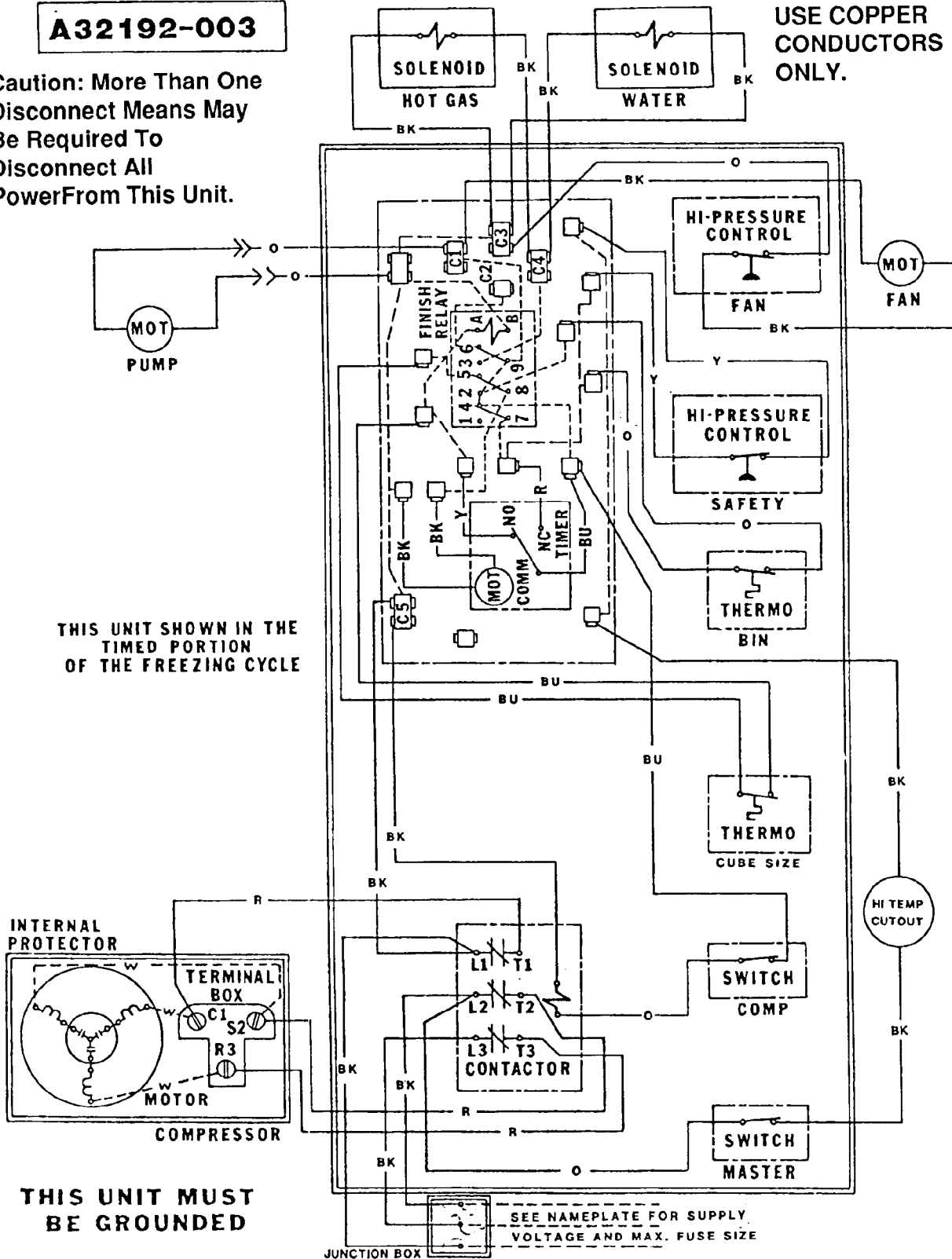
CM650E WIRING DIAGRAMS

Component Layout Diagram for CM650E-3E (208-230/60/3) Air and Water Cooled.

A32192-003

Caution: More Than One Disconnect Means May Be Required To Disconnect All Power From This Unit.

USE COPPER CONDUCTORS ONLY.



CM650E WIRING DIAGRAMS

Schematic Diagram for CM650E-3E, (208-230/60/3) Air or Water Cooled.

