

CM850 Parts List

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CM850
SECTION VIII ILLUSTRATED PARTS LISTING

CM850

1	03-1404-14	SCREW, NO. 8 x 1-1/4	7	A29950-002	PANEL, LEFT SIDE (STAINLESS STEEL)
2	03-1417-02	LOCKWASHER, EXTERNAL TOOTH	8	A29935-001	PANEL, BACK
3	A29953-001	PANEL, TOP (ENAMEL)	9	03-1404-10	SCREW, NO. 8 x 1/2 PHIL RECESS TAP S.S.
3	A29953-002	PANEL, TOP (STAINLESS STEEL)	10	A29982-001	LINER LOWER FRONT ASS'Y.
4	A29949-001	PANEL, RIGHT SIDE (ENAMEL)	11	13-0595-01	GASKET
4	A29949-002	PANEL, RIGHT SIDE (STAINLESS STEEL)	12	02-2642-01	MOUNT, PLASTIC PLATE
5	A29983-001	PANEL, UPPER FRONT ASS'Y. (ENAMEL)	13	A29976-001	LINER
5	A29983-002	PANEL, UPPER FRONT ASS'Y. (STAINLESS STEEL)	14	03-1394-00	NUT, PAL
6	A29951-001	PANEL, LOWER FRONT (ENAMEL)	15	03-1404-09	SCREW, NO. 8 x 1/2 PHIL RECESS TAP
6	A29951-002	PANEL, LOWER FRONT (STAINLESS STEEL)	16	A29984-001	LINER, ASSEMBLY TOP
7	A29950-001	PANEL, LEFT SIDE (ENAMEL)	17	15-0667-01	LOGO PLATE

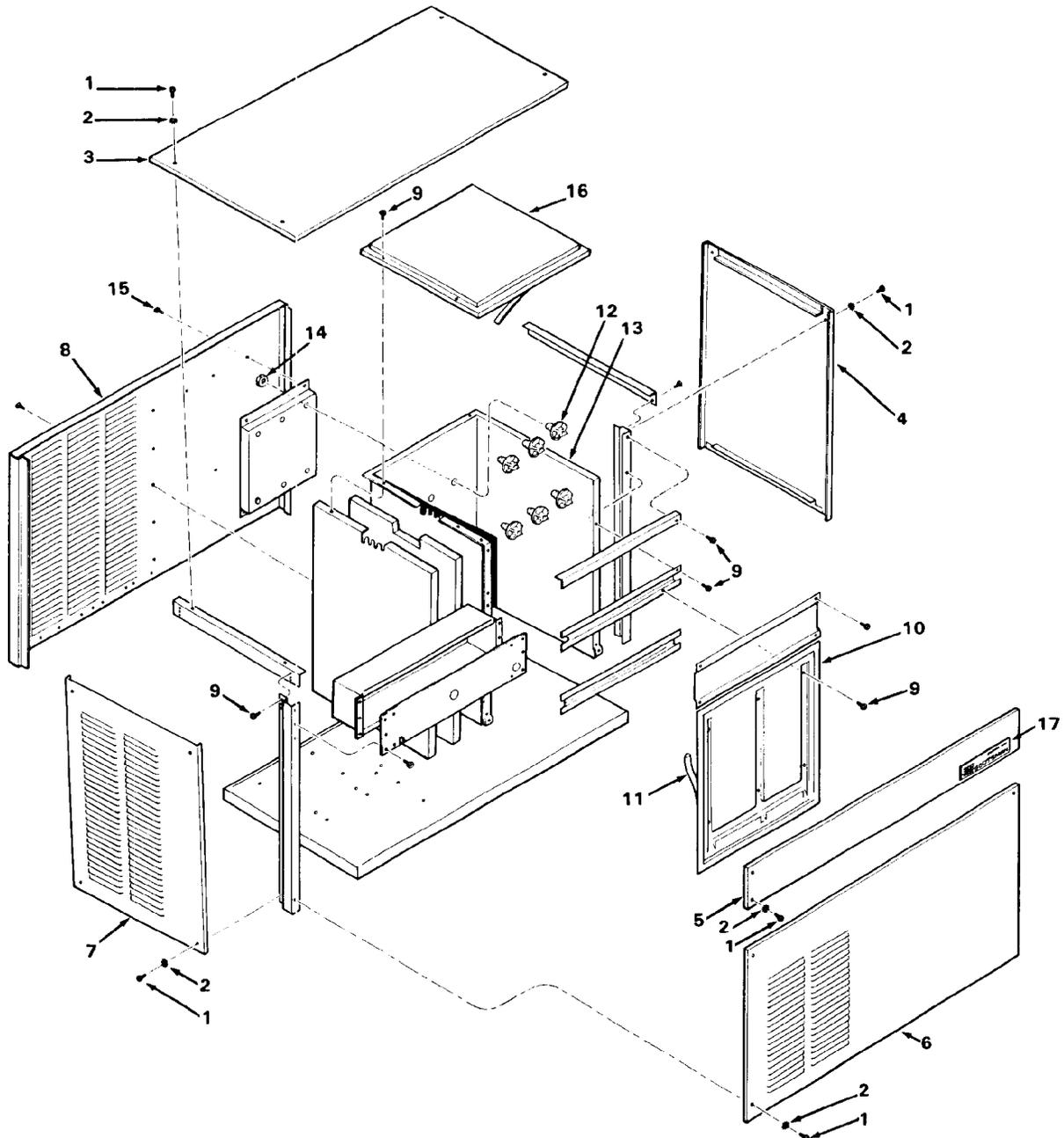


Figure 8-1. CM850 Cabinet Assembly.

**CM850
SECTION VIII ILLUSTRATED PARTS LISTING**

MAJOR ASSEMBLY-AIR-COOLED

1	03-1405-20	SCREW, NO. 5/16-18 x 1-1/2 HEX CAP
2	03-1407-07	WASHER, 5/16 PLAIN
3	18-2300-26	SLEEVE
4	18-2300-27	GROMMET
5	18-3800-02	COMPRESSOR ASSEMBLY (230/60/1)
5	18-3800-03	COMPRESSOR ASSEMBLY (208-220/60/3)
5	18-3800-07	COMPRESSOR ASSEMBLY (208/60/1)
6	03-0571-00	SCREW, NO. 1/4-20 x 1/2 T/C HEX
7	12-1930-01	WATER PUMP ASSEMBLY (115/60/1)
8	03-0571-01	SCREW, NO. 1/4-20 x 3/4 T/C HEX
9	03-1407-05	WASHER, 1/4 PLAIN
10	02-1530-00	CLAMP, HOSE
11	13-0674-07	TUBE, POTABLE WATER
12	13-0227-00	TUBE COVERING
13	12-2135-01	HOT GAS VALVE (120/60/1)
14	A29968-020	HEAT EXCHANGER/ACCUMULATOR ASS'Y
15	13-0003-01	GROMMET
16	13-0844-01	GROMMET
17	03-0571-00	SCREW, NO. 1/4-20 x 1/2 T/C HEX
18	18-0398-01	CONDENSER
19	02-2558-01	SHROUD
20	NO NUMBER	BRACKET, DRIER
21	02-2426-02	DRIER
22	18-3732-01	FAN BLADE
23	18-5105-02	MOTOR, FAN (230/6C/1)
	18-5105-05	MOTOR, FAN (208/6C/1)
24	A24068-001	SPACER
25	18-0597-00	BRACKET, MOTOR MOUNT

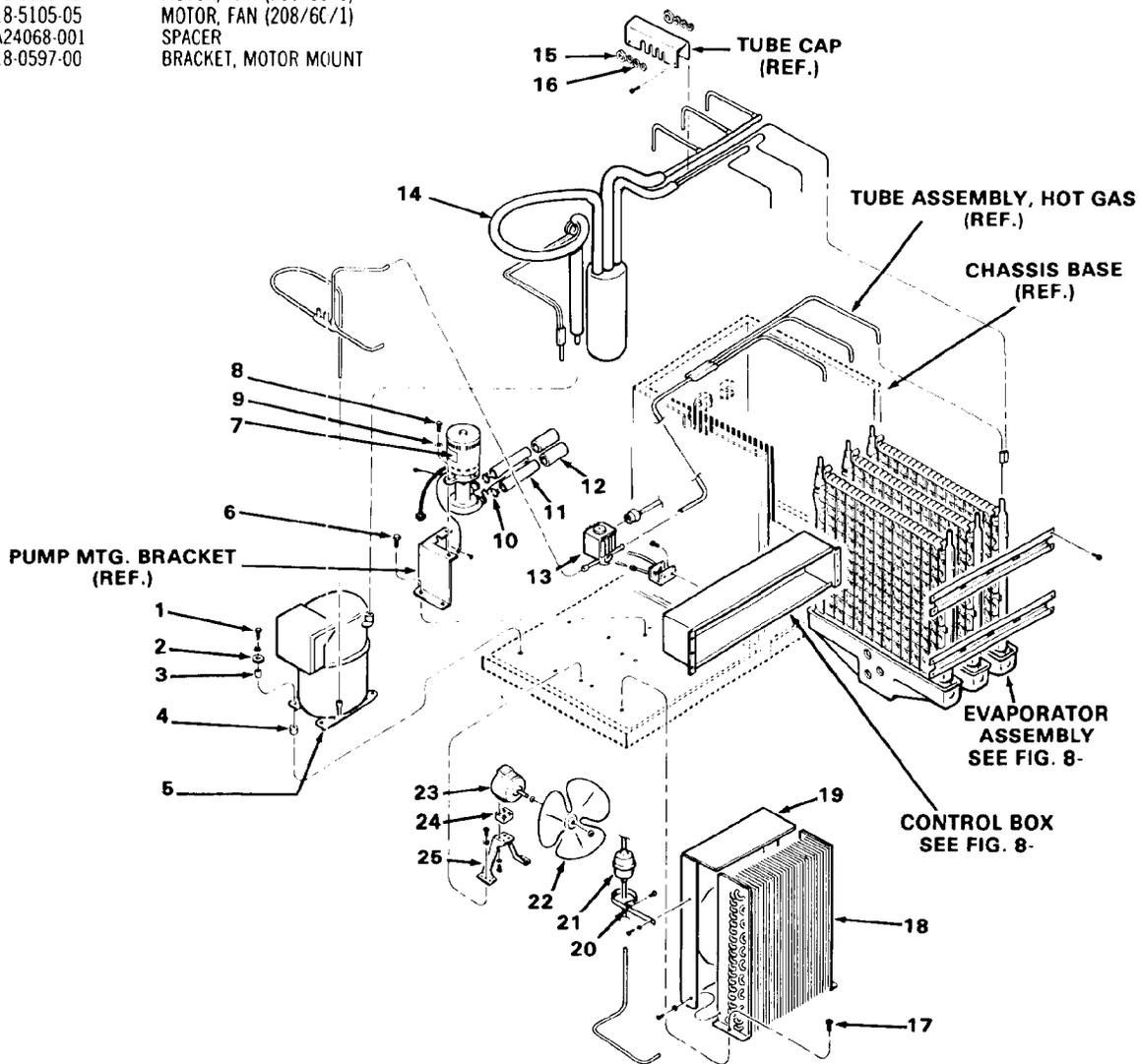


Figure 8-2. CM850 Major Assemblies—Air-Cooled.

CM850
SECTION VIII ILLUSTRATED PARTS LISTING

MAJOR ASSEMBLY-WATER-COOLED

1	03-1405-20	SCREW, NO. 5/16-18 x 1-1/2 HEX CAP
2	03-1407-07	WASHER, 5/16 PLAIN
3	18-2300-26	SLEEVE
4	18-2300-27	GROMMET
5	18-3800-02	COMPRESSOR ASSEMBLY (230/60/1)
	18-3800-03	COMPRESSOR ASSEMBLY (208-220/60/3)
	18-3800-07	COMPRESSOR ASSEMBLY (208/60/1)
6	03-0571-00	SCREW, NO. 1/4-20 x 1/2 T/C HEX
7	12-1930-01	WATER PUMP ASSEMBLY (115/60/1)
8	03-0571-01	SCREW, NO. 1/4-20 x 3/4 T/C HEX
9	03-1407-05	WASHER, 1/4 PLAIN
10	02-1530-00	CLAMP, HOSE
11	13-0674-07	TUBE, POTABLE WATER
12		TUBE COVERING
13	12-2135-01	HOT GAS VALVE (120/60/1)
14	A29968-020	HEAT EXCHANGER/ACCUMULATOR ASS'Y
15	13-0003-01	GROMMET
16	13-0844-01	GROMMET
17	03-0571-00	SCREW, NO. 1/4-20 x 1/2 T/C HEX
18	03-1407-05	WASHER, 1/4 PLAIN
19	18-3306-02	CONDENSER
20	A29985-001	PIPE NIPPLE ASS'Y
21	11-0198-02	WATER REGULATOR
22	NO NUMBER	ELBOW
23	02-2628-01	RECEIVER
24	02-2426-02	DRIER

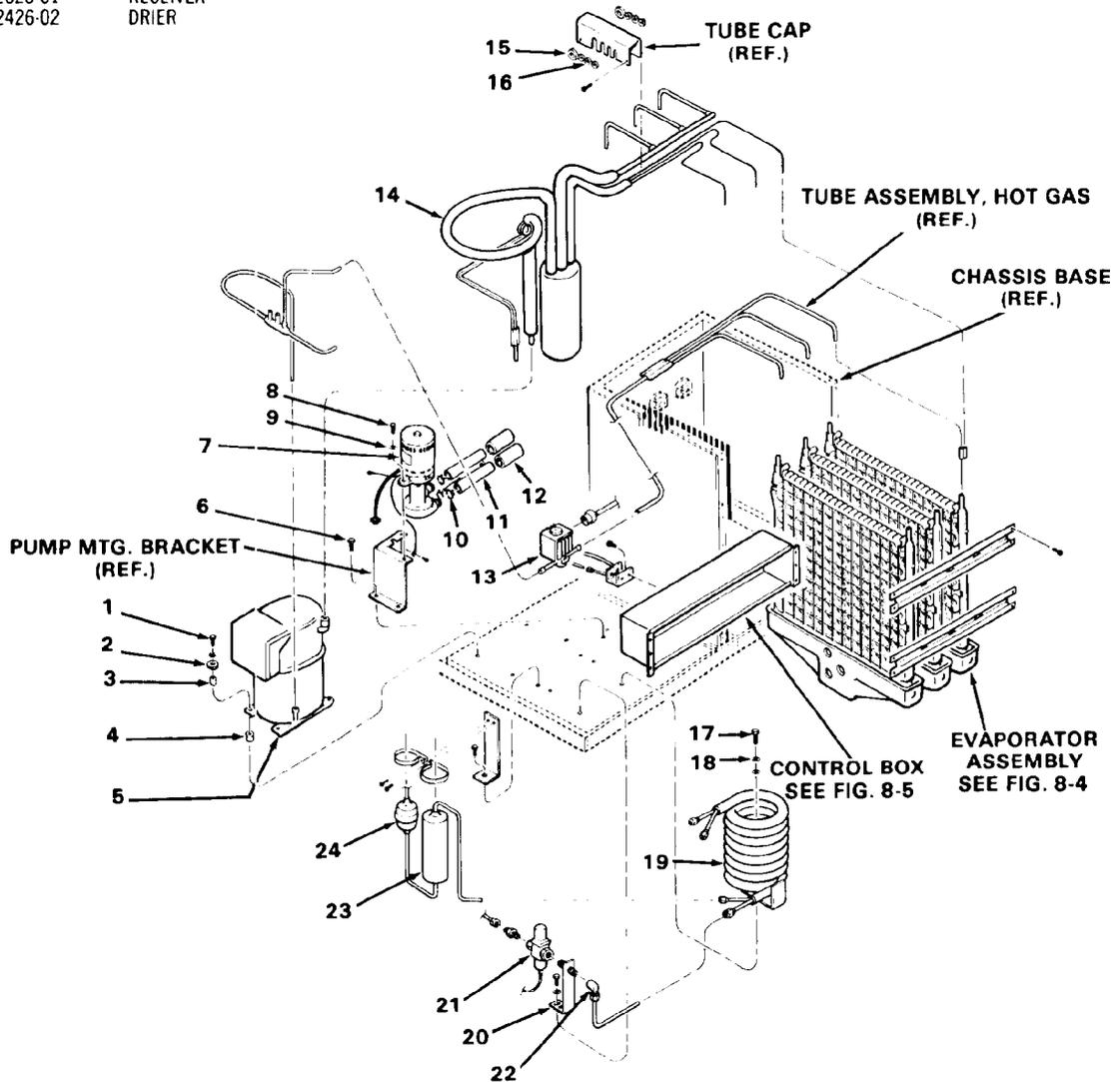


Figure 8-3. CM850 Major Assemblies—Water-Cooled.

**CM850
SECTION VIII ILLUSTRATED PARTS LISTING**

EVAPORATOR ASSEMBLY

- | | | |
|----|------------|--|
| 1 | 02-2527-01 | TUBE, WATER DISTRIBUTER |
| 2 | 02-2521-01 | MANIFOLD, WATER (LONG) |
| 3 | 02-2519-01 | TEE |
| 4 | A29703-001 | MANIFOLD, WATER (SHORT) |
| 5 | 02-1530-01 | CLAMP, HOSE (S.S.) |
| 6 | 13-0674-07 | TUBE, POTABLE WATER |
| 7 | 02-2542-01 | VALVE ASSEMBLY, FLOAT AND JAM NUT |
| 8 | NO NUMBER | TUBING, WATER INLET ASSEMBLY |
| 9 | 03-1394-00 | PAL NUT |
| 10 | A29969-001 | SUMP ASSEMBLY |
| 11 | A29428-020 | EVAPORATOR PLATE |
| 12 | 02-2523-01 | END COVER, SUMP |
| 13 | 02-2520-01 | COVER, SUMP |
| 14 | 02-2544-01 | COVER, SUMP CTR. |
| 15 | 03-1404-10 | SCREW, NO. 8 x 1/2 PHIL RECESS
T/F TAP S.S. |

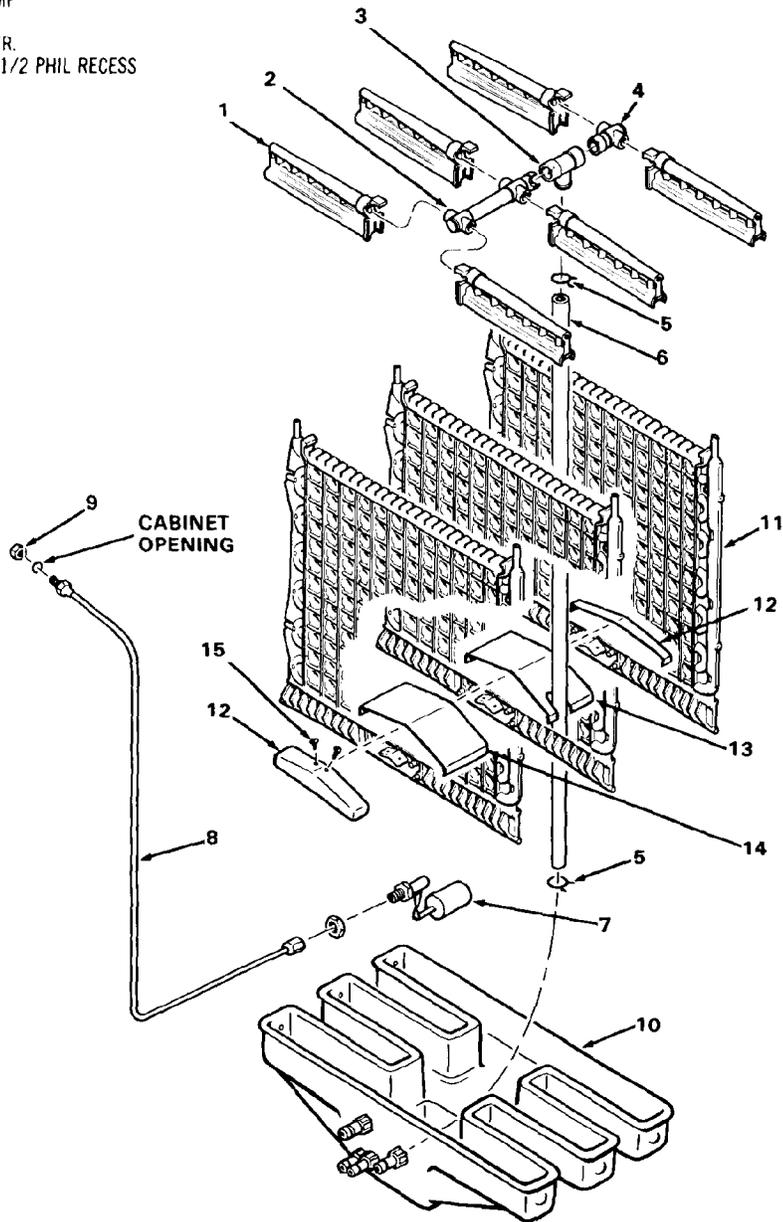


Figure 8-4. CM850 Evaporator Assembly.

CM850
SECTION VIII ILLUSTRATED PARTS LISTING

CONTROL BOX ASSEMBLY

1	03-1578-01	GROUND SCREW	13	12-1879-03	RELAY (9A)
2	NO NUMBER	SNAP BUSHING	14	03-1403-02	SCREW, NO. 6-32 x 1/4 PHIL RECESS PAN HD
3	12-0426-01	SWITCH (MASTER)	15	12-2107-01	TIMER & SWITCH ASSEMBLY
4	12-0426-01	SWITCH (COMPRESSOR)	16	02-2242-01	STAND OFF
5	12-1213-13	SNAP BUSHING	17	12-2037-01	CONTACTOR (10A) (4A)
6	13-0124-00	GROMMET	17	12-0739-01	CONTACTOR (9A)
7	11-0351-03	CUBE SIZE CONTROL	18	18-1901-15	START CAP (NOT USED ON -9)
8	11-0353-03	BIN THERMOSTAT	19	18-1903-34	POT, RELAY (NOT USED ON -9)
9	11-0388-02	HI REFRIGERANT PRESSURE CONTROL (W/C ONLY)	20	NO NUMBER	BRACKET, CAP (NOT USED ON -9)
10	02-2242-01	7/8 INCH STAND OFF	21	18-1902-34	CAPACITOR, RUN
11	12-1912-01	CIRCUIT BOARD	22	03-1404-09	SCREW, NO. 8 x 1/2 PHIL RECESS T/F TAP
12	03-1403-02	SCREW, NO. 6-32 x 1/4 PHIL RECESS PAN HD	23	NO NUMBER	COVER, CONTROL BOX
13	12-1879-02	RELAY	24	03-1403-14	SCREW, NO. 8 x 3/16 PHIL RECESS PAN HD

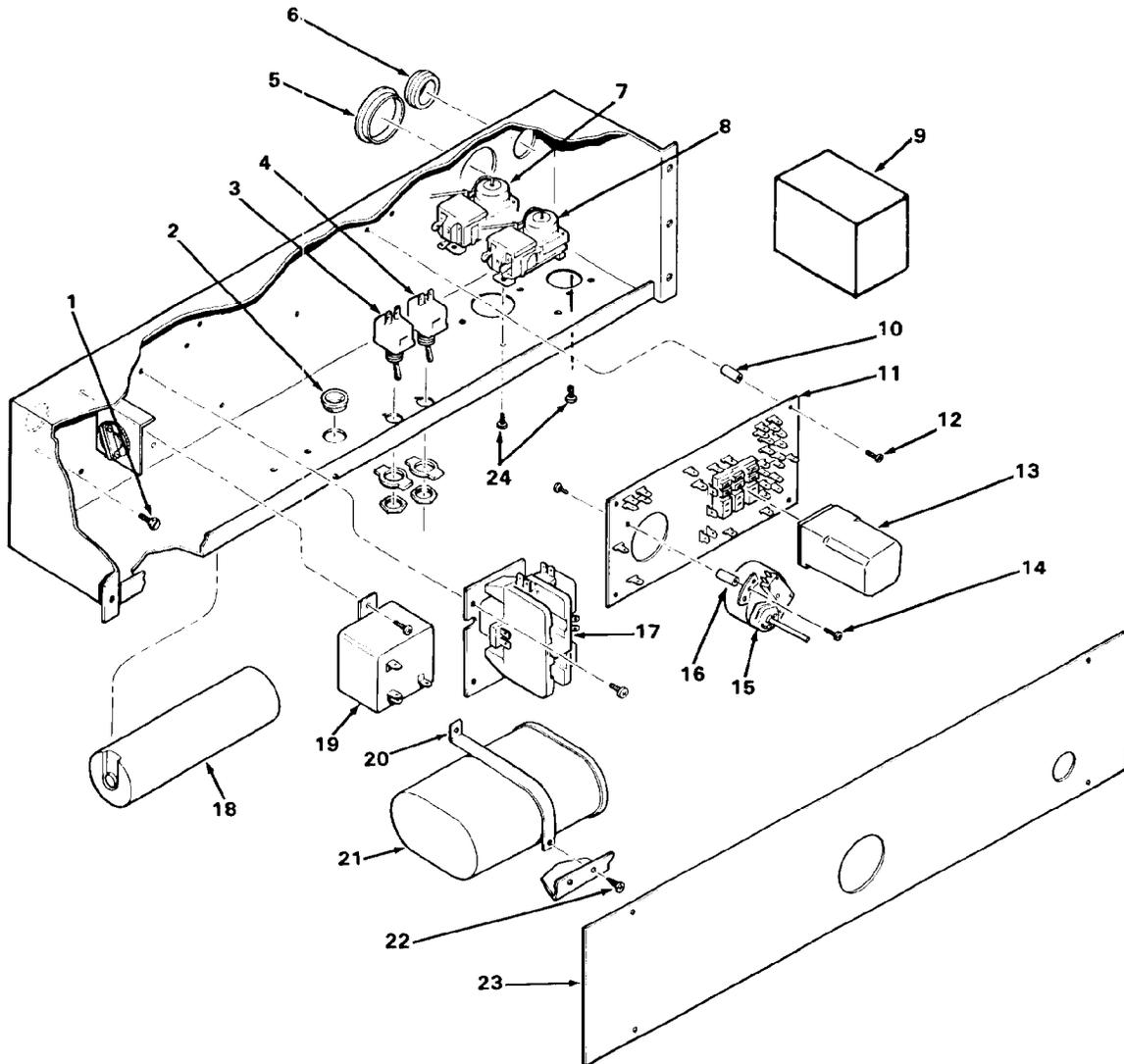


Figure 8-5. CM850 Control Box Assembly.

CM850
SECTION VII WIRING DIAGRAMS

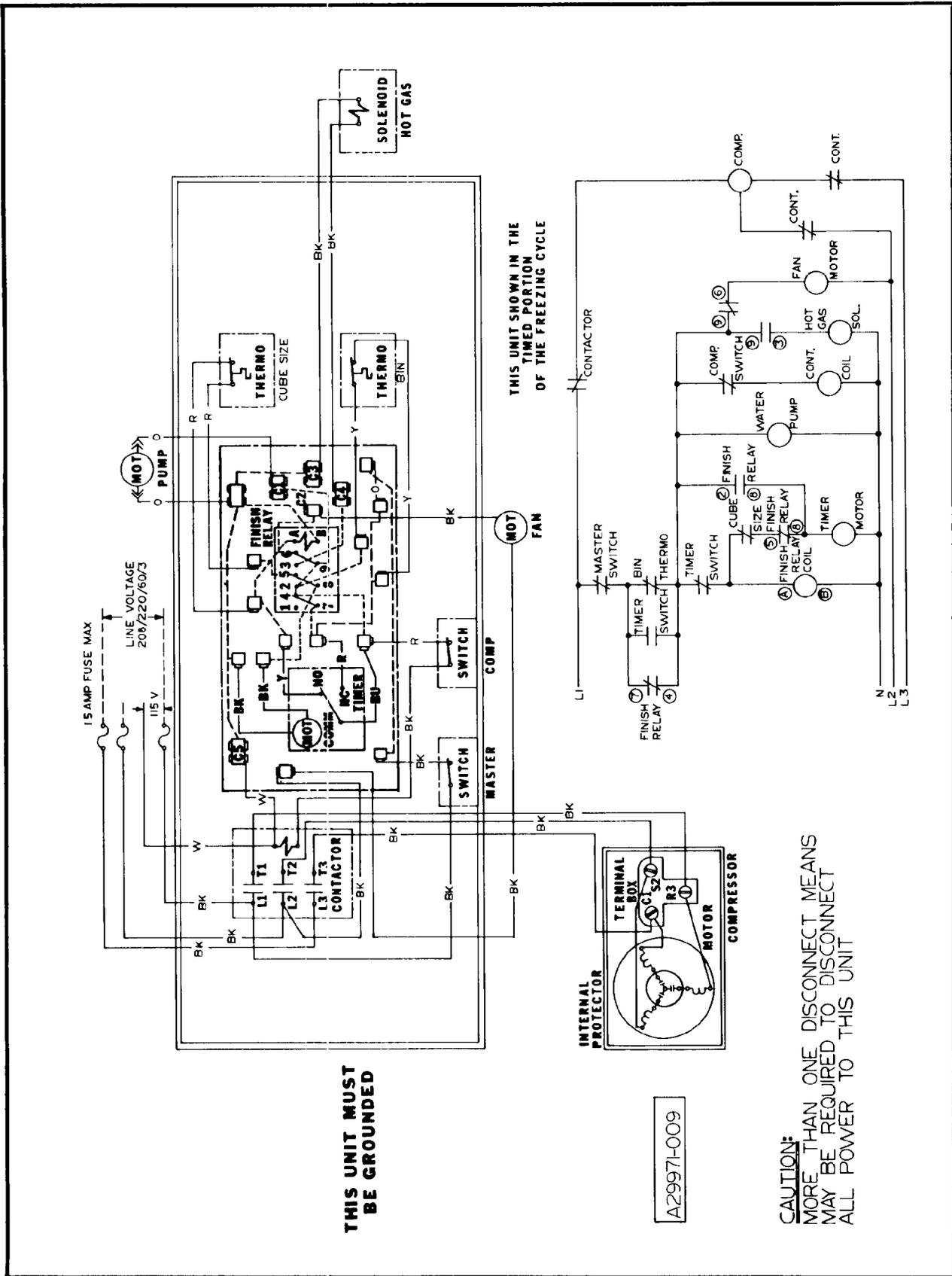


Figure 7-1. Wiring Diagram CM850—Air-Cooled (115/208-220/60/3).

CM850
SECTION VII WIRING DIAGRAMS

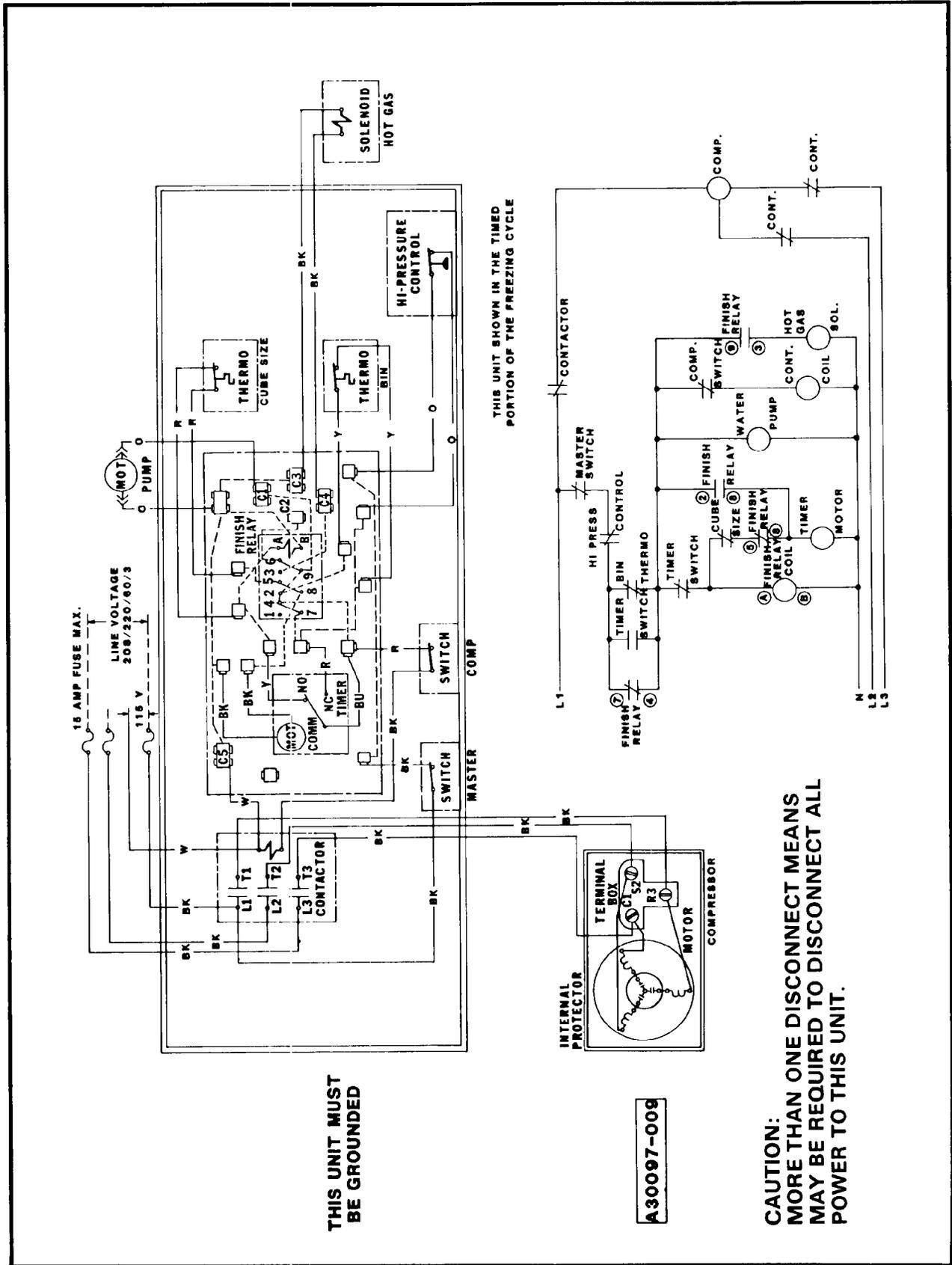
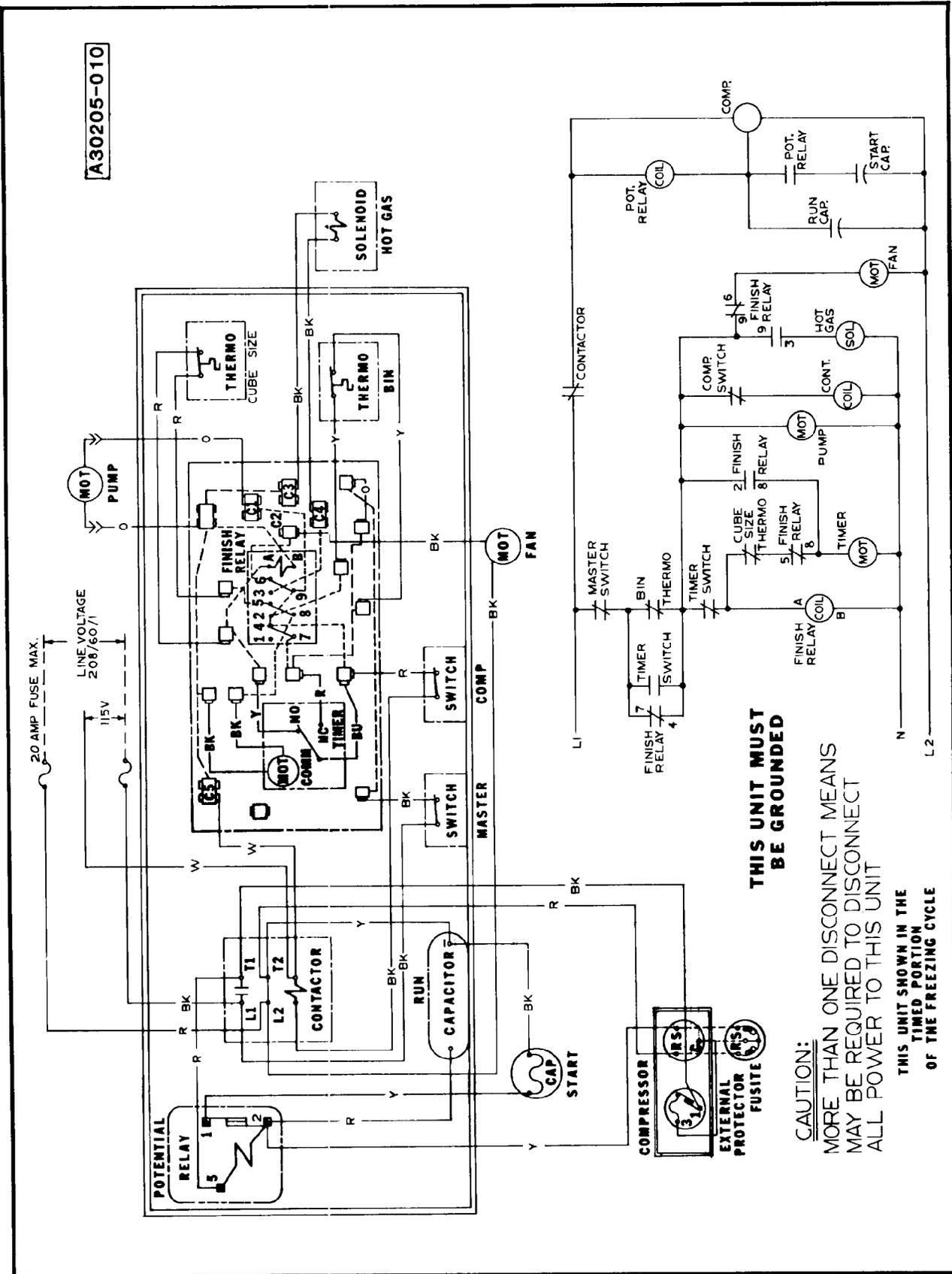


Figure 7-2. Wiring Diagram CM850—Water-Cooled (115/208-220/60/3).

CM850
SECTION VII WIRING DIAGRAMS



THIS UNIT MUST BE GROUNDED

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

**THIS UNIT SHOWN IN THE
TIMED PORTION
OF THE FREEZING CYCLE**

Figure 7-3. Wiring Diagram CM850—Air-Cooled (115/208/60/1).

CM850
SECTION VII WIRING DIAGRAMS

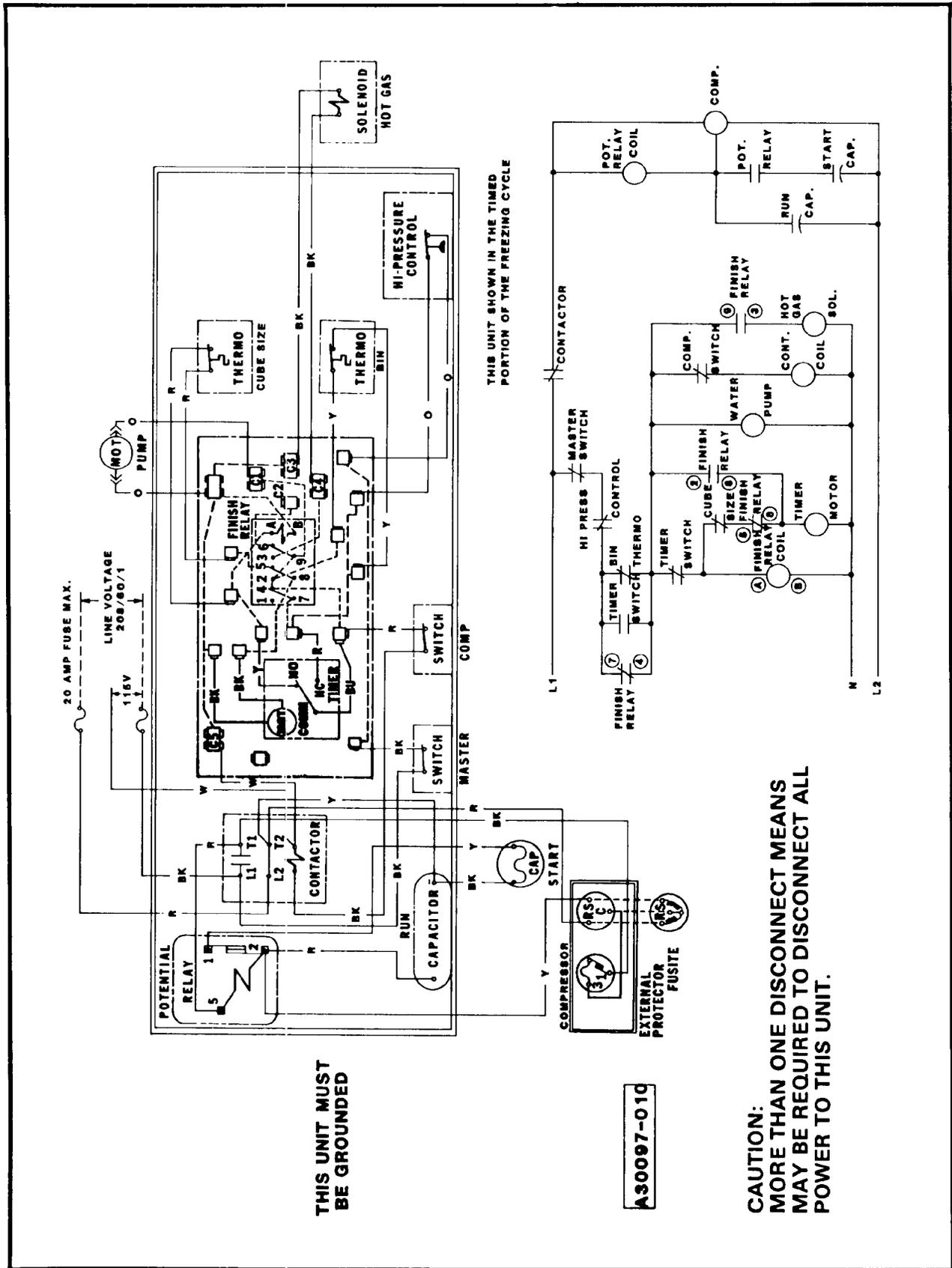
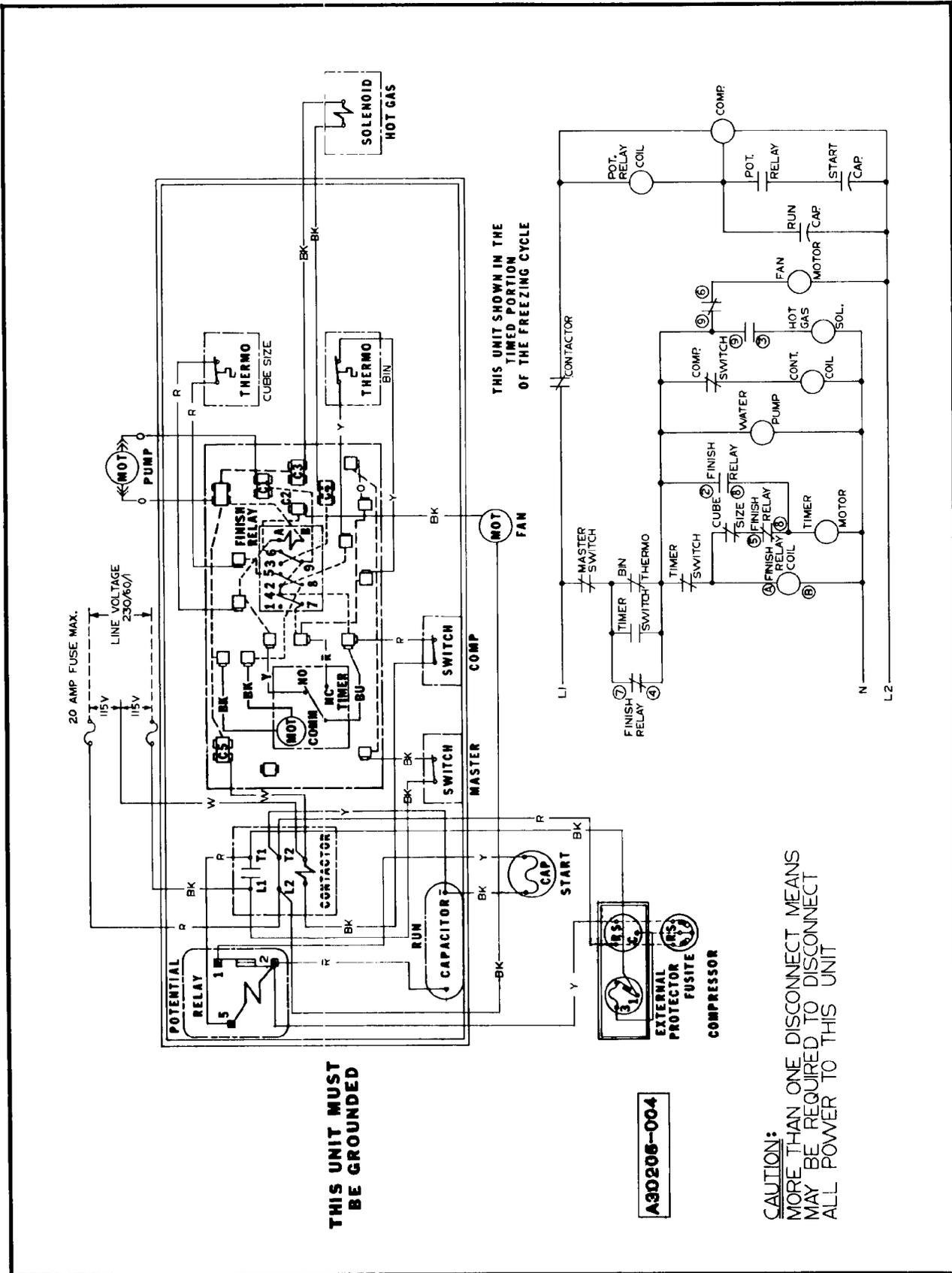


Figure 7-4. Wiring Diagram CM850—Water-Cooled (115/208/60/1).

CM850
SECTION VII WIRING DIAGRAMS



THIS UNIT MUST BE GROUNDED

THIS UNIT SHOWN IN THE TIMED PORTION OF THE FREEZING CYCLE

A3D206-004

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

Figure 7-5. Wiring Diagram CM850—Air-Cooled (115/208-220/60/3).

