

CME500 SERVICE PARTS

This section contains the parts illustrations and parts lists for the CME500.

CME500 ice machines are manufactured in both 115 volt, 60 cycle and 220 volt, 50 cycle. When ordering electrical parts, be certain to match the voltage to the ice machine.

Example:

CME500AE-1A is a 115 volt, 60 cycle machine.

CME500AE-6A is a 220 volt, 50 cycle machine.

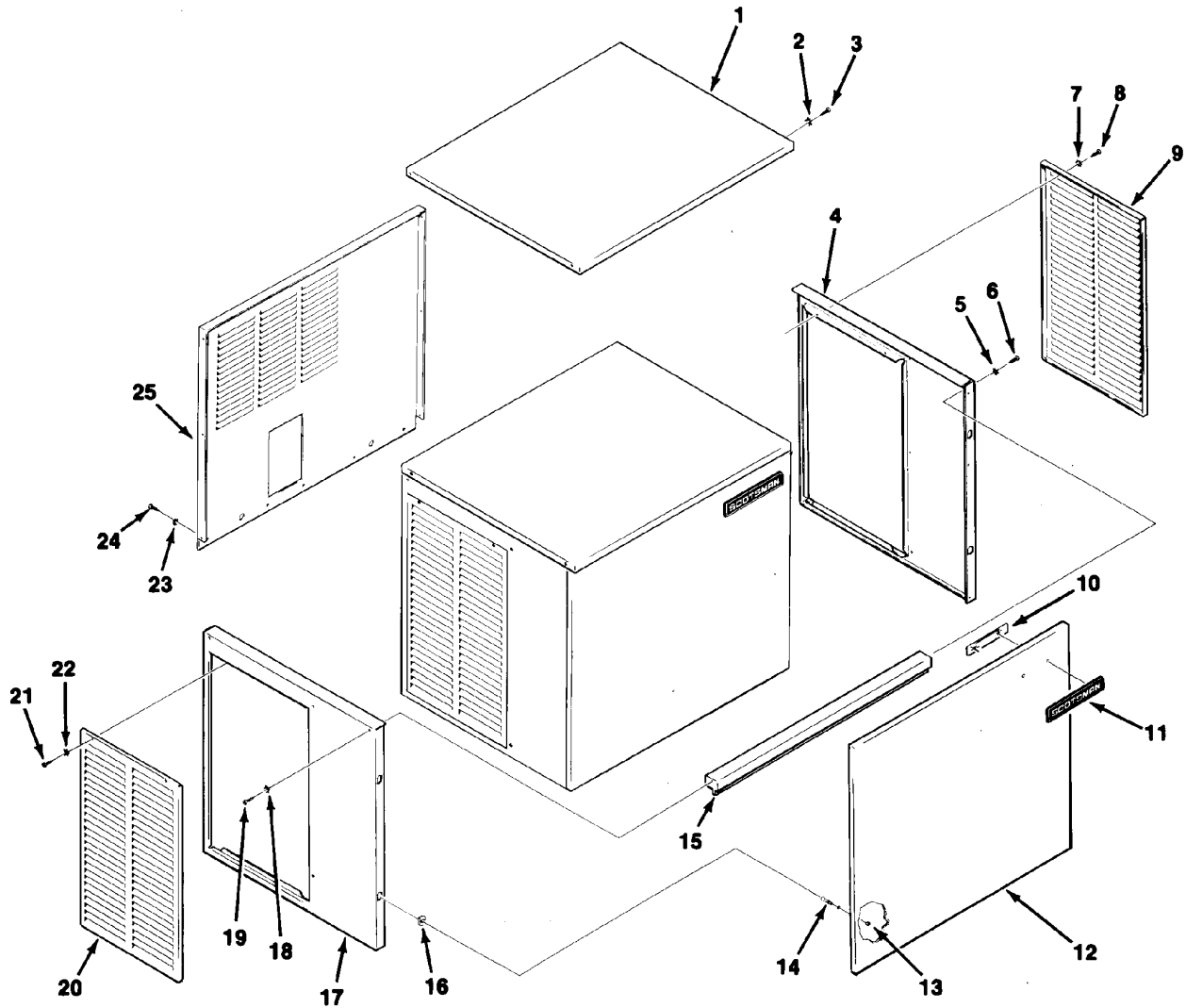
Beginning with 1994 production, the fan motor bracket and condenser shroud were changed.

When ordering parts, to avoid costly delays and errors, give the part number, the complete description as shown in the list, and the quantity of each part or assembly required.

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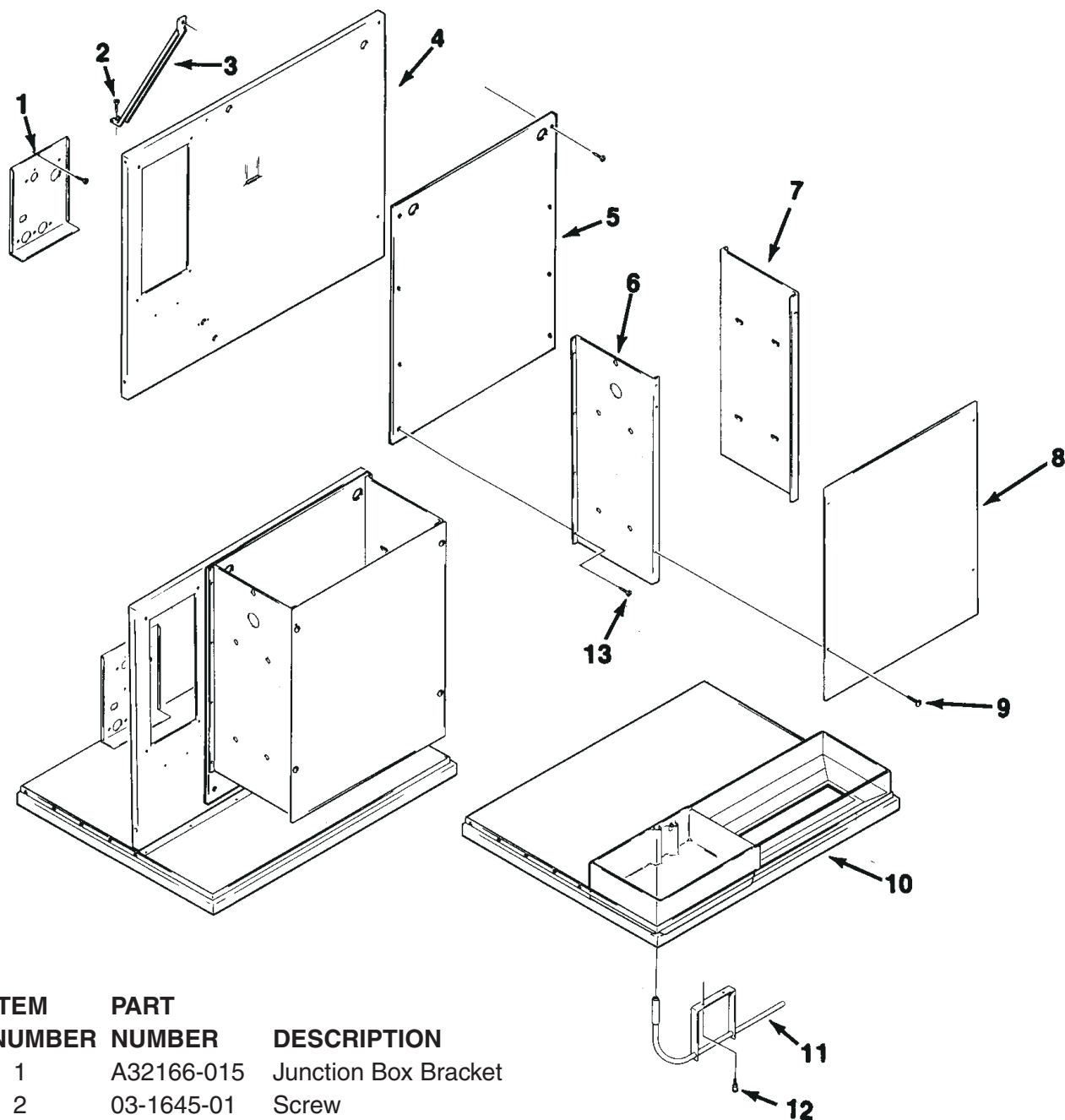
CME500 SERVICE PARTS CABINET ASSEMBLY



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, sandalwood
8	03-1404-12	Screw		A33946-002	Service Panel, gray
9	A32161-001	Service Panel, Painted	21	03-1404-12	Screw
	A33946-002	Service Panel, gray	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	A32202-001	Back Panel, painted
	A32160-002	Front Panel, S.S.		A32202-002	Back panel, stainless

CME500 SERVICE PARTS

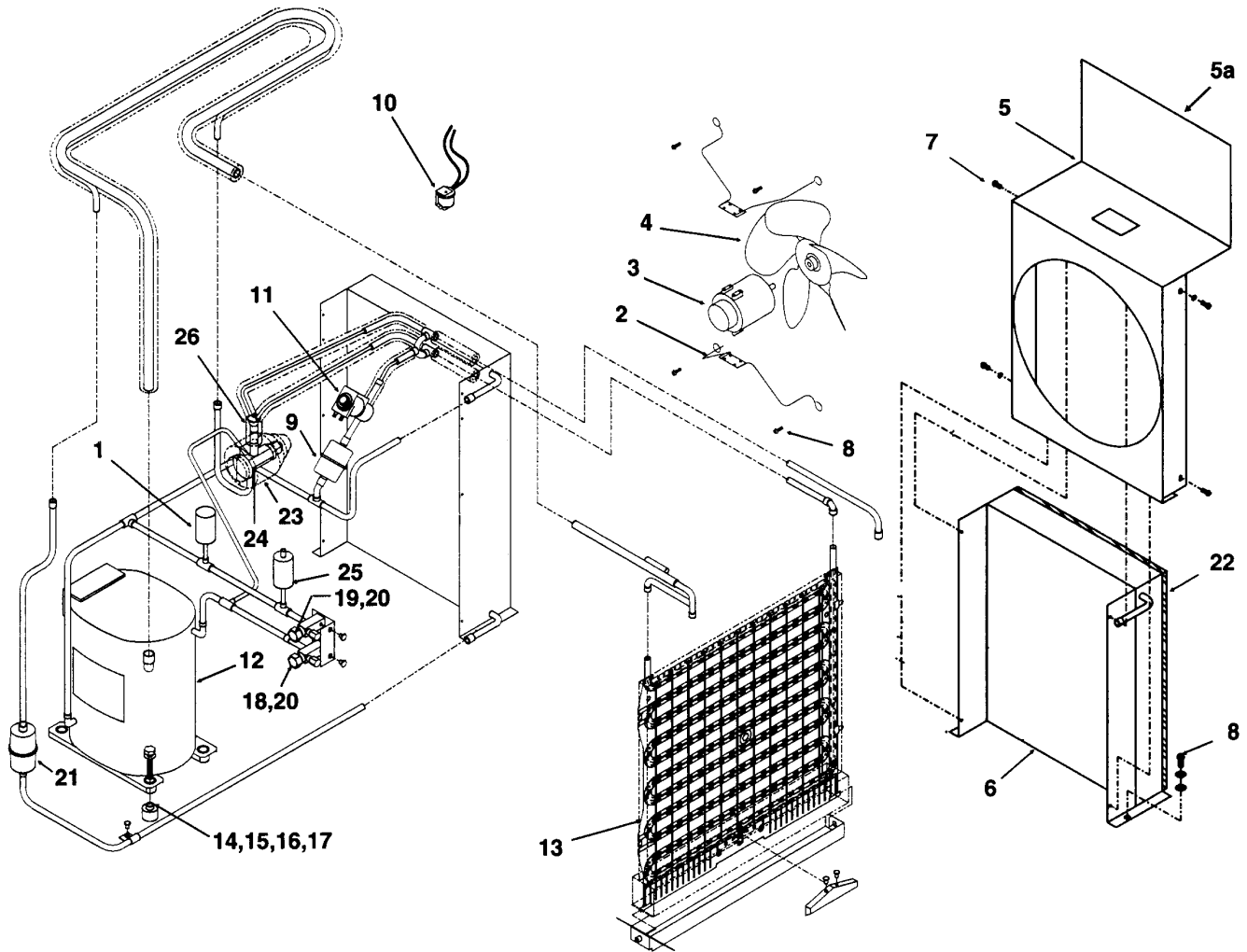
CABINET INTERIOR



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	A35671-001	Evaporator Bracket, Left
7	A32172-001	Evaporator Bracket, Right
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

CME500 SERVICE PARTS

AIR COOLED REFRIGERATION

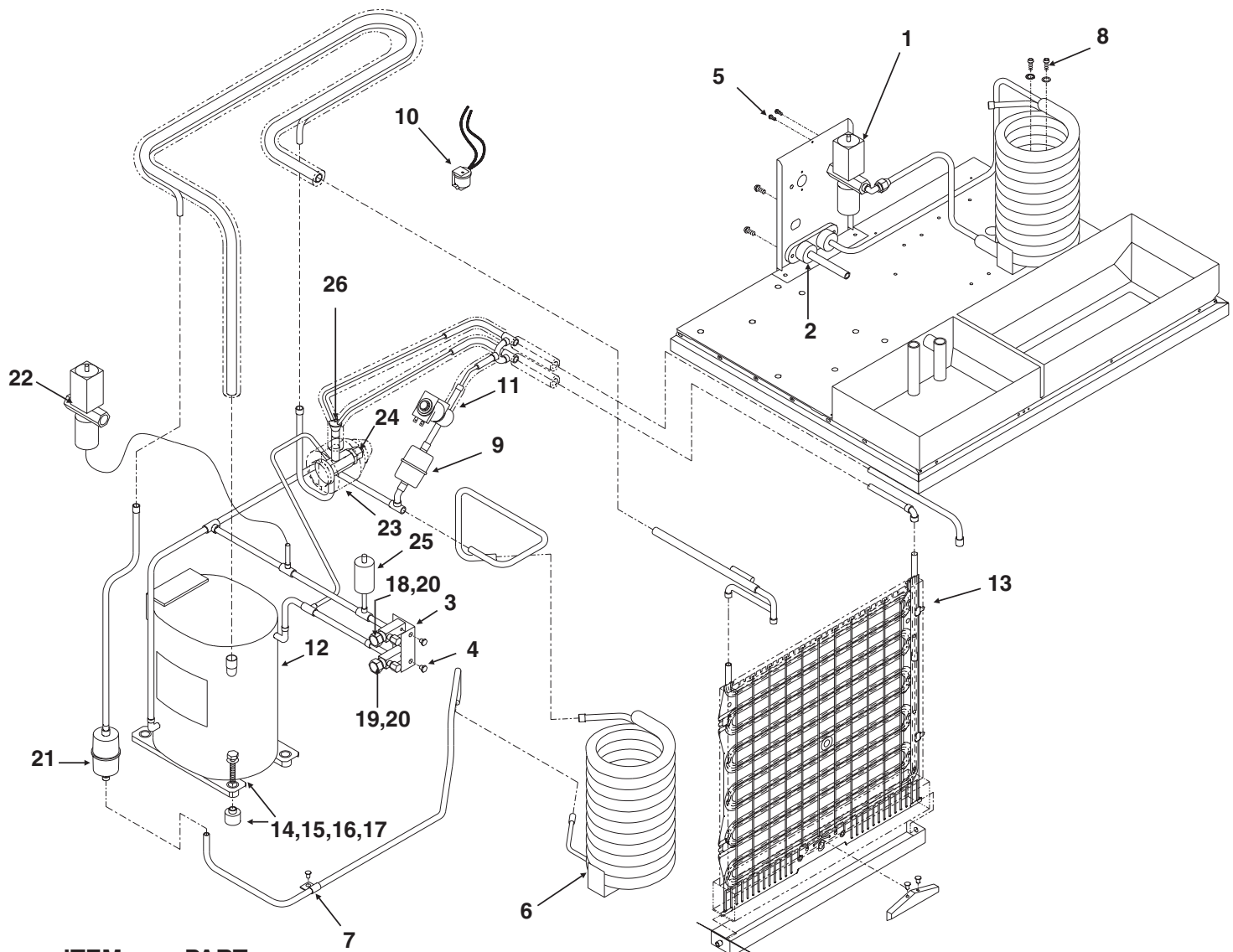


ITEM NUMBER	PART NUMBER	DESCRIPTION	ITEM NUMBER	PART NUMBER	DESCRIPTION
1	11-0479-21	Fan control	12	18-8721-21	115v Compressor, includes drier
2	02-3333-01	Fan motor bracket		18-8711-50	Overload for 60 Hz
	18-3739-01	Fan motor bracket (-12L only)*		18-8721-22	220-240/50/1 Compressor
3	18-5105-11	115v Fan Motor		18-8721-50	Overload for 50 Hz
	18-5105-04	220v 50 Hz Fan motor	13	A30296-020	Evaporator
4	18-3732-01	Fan Blade	14	18-2200-28	Grommet
5	A35932-001	Fan shroud	15	18-2200-27	Sleeve
5a	A35939-001	Fan shroud top	16	03-1407-07	Washer
	A32170-001	Fan shroud (-12L only)*	17	03-1405-20	Screw
6	18-3709-01	Condenser	18	16-0832-20	Lo side access valve (w/caps)
7	03-1404-07	Screw, #6 x 3/8	19	16-0832-21	Hi side access valve (w/caps)
8	03-1645-01	Screw, 1/4 - 20 x 1/2	20	16-0832-02	Stem cap
	03-1410-03	Lockwasher		16-0832-03	Core cap
	03-1407-05	Washer	21	02-3319-02	Drier
9	02-3231-01	Hot gas valve filter (-12L only)*	22	A32975-001	Foam Filter
10	12-2300-03	Hi Temp Cut Out	23	A36067-001	TXV insulation
11	12-2417-21	115v Hot Gas Valve with coil	24	16-0867-21	TXV
	12-2417-23	220v, 50 Hz Hot gas valve coil	25	11-0485-21	Hi Pressure Cut Out Switch
			26	16-0843-01	Distributor

*Only used on units with serial numbers ending in -12L.

CME500 SERVICE PARTS

WATER COOLED REFRIGERATION

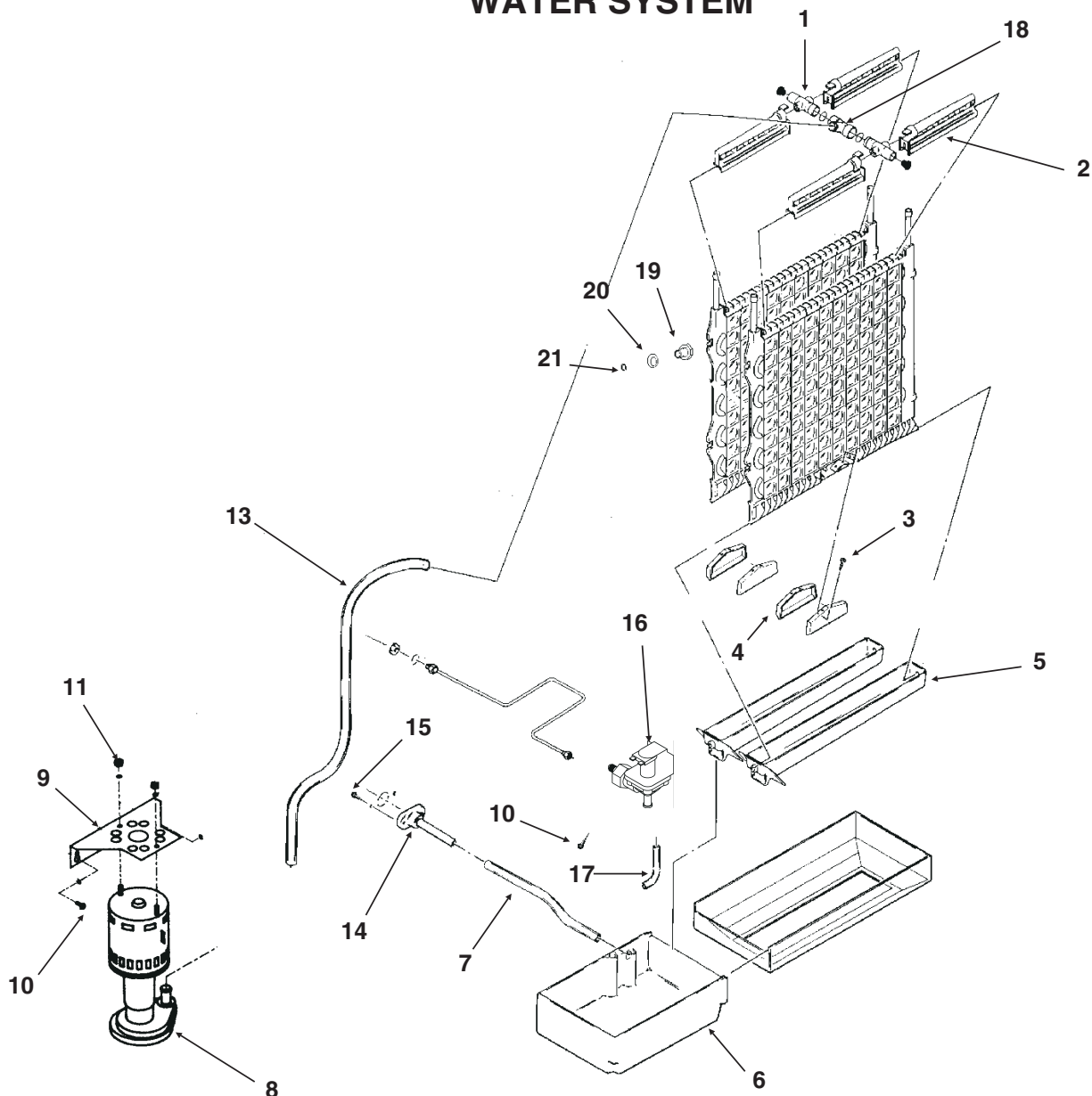


ITEM NUMBER	PART NUMBER	DESCRIPTION
1	16-0401-00	Brass elbow
2	A32244-001	Drain assembly
3	A35588-001	Bracket for valves
4	03-0571-02	Screw
5	03-1403-14	Screw
6	18-3306-25	Condenser
7	03-1682-01	Clamp
8	03-1645-01	Screw, 1/4 - 20 x 1/2
	03-1417-08	Lockwasher
9	02-3231-01	Hot gas valve filter (-12L only)*
10	12-2300-03	Hi Temp Cut Out
11	12-2417-21	115v Hot Gas Valve with coil
	12-2417-23	220v, 50 Hz Hot gas valve
12	18-8721-21	115v Compressor, includes drier
	18-8711-50	Overload for 60 Hz comp.
	18-8721-22	220/240/50/1 Compressor

ITEM NUMBER	PART NUMBER	DESCRIPTION
13	A30296-020	Evaporator
14	18-2200-28	Grommet
15	18-2200-27	Sleeve
16	03-1407-07	Washer
17	03-1405-20	Screw
18	16-0832-20	Lo side access valve (w/caps)
19	16-0832-21	Hi side access valve (w/caps)
20	16-0832-02	Stem cap
	16-0832-03	Core cap
21	02-3319-02	Drier
22	11-0478-01	Water regulating valve
23	A36067-001	TXV insulation
24	16-0867-21	TXV
25	11-0486-21	Hi Pressure Cut Out Switch
26	16-0843-01	Distributor

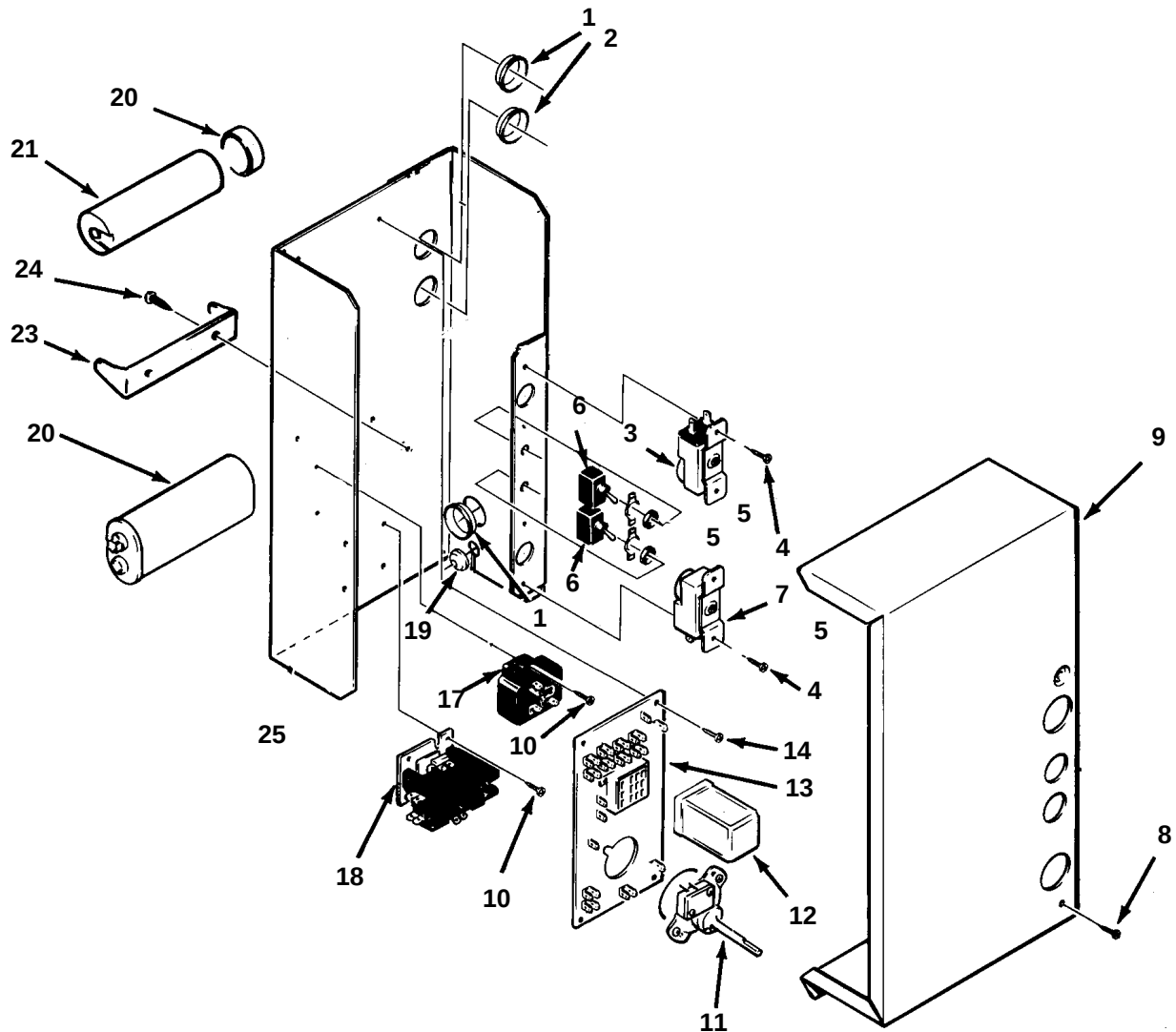
CME500 SERVICE PARTS

WATER SYSTEM



ITEM NUMBER	PART NUMBER	DESCRIPTION	ITEM NUMBER	PART NUMBER	DESCRIPTION
1	A29703-001	Manifold	12	03-1417-06	Lockwasher
2	02-2527-01	Water distributor tube	13	13-0674-07	Pump hose, 33"
3	03-1531-01	Screw	14	A32282-003	Drain assembly
4	02-2878-01	End cover	15	03-1645-01	Screw
5	02-2868-01	Drain trough	16	12-2446-23	115v Inlet water valve
6	02-2869-01	Reservoir		12-2446-24	220v, 50 Hz water valve
7	13-0674-07	Drain hose, 8"	17	A30918-001	Water inlet tube
	02-2814-11	Hose clamp	18	02-2519-01	Tee
8	12-2265-21	115v Water pump	19	02-2642-01	Plate mount
	12-2265-22	220v 50 Hz water pump	20	03-1408-34	Washer
9	A35554-015	Pump bracket	21	03-1394-03	Pal nut
10	03-1531-01	Screw			
11	03-1406-05	Nut			

CME500 SERVICE PARTS CONTROL BOX



ITEM NUMBER	PART NUMBER	DESCRIPTION
1	12-1213-17	Snap bushing
2	12-1213-10	Snap bushing
3	11-0437-21	Cube size thermostat
4	03-1403-17	Screw
5	03-1417-27	Lockwasher
6	12-0426-01	Toggle switch
7	11-0427-22	Bin thermostat
8	03-1531-01	Screw
9	A32168-001	Control Box Cover
10	03-1638-03	Screw
11	12-2317-21	115v Timer & Switch
	12-2317-26	220v 50 Hz Timer & Switch
12	12-1879-02	Relay, 115 V
	12-1879-03	Relay, 220v, 50 Hz
13	12-1912-01	Circuit Board
14	03-1403-02	Screw
15	03-1403-05	Screw

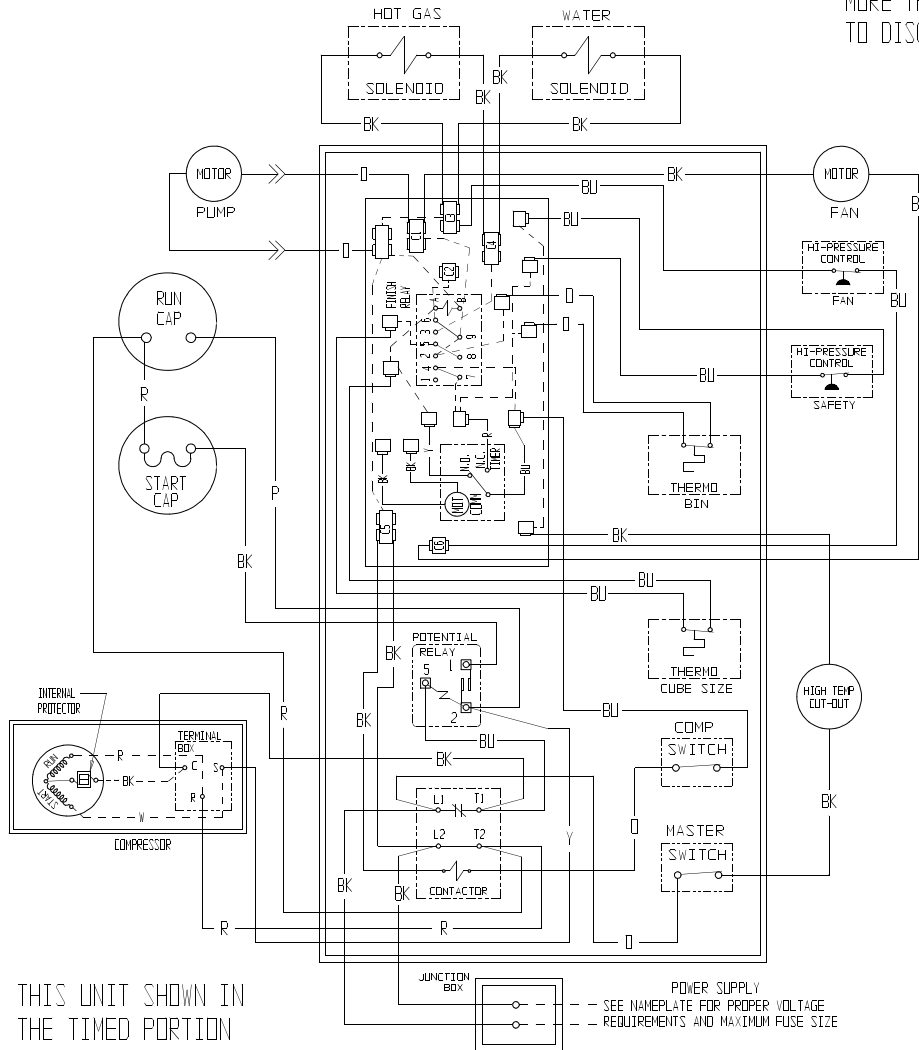
ITEM NUMBER	PART NUMBER	DESCRIPTION
16	03-1417-03	Lockwasher
17	18-1903-50	115v Potential relay
	18-1903-29	220v 50Hz Potential relay
18	12-2048-01	115v Contactor
	12-2048-02	220v 50 Hz contactor
19	12-1213-04	Snap bushing
20	18-1902-45	115v Run capacitor
	18-1902-30	220v 50 Hz Run capacitor
	13-0666-00	Cap for run capacitor
	A32872-001	Clamp for run capacitor
21	18-1901-03	115v Start capacitor
	18-1901-43	220v Start capacitor
22	18-2200-38	Cap for start capacitor
23	18-2200-39	Bracket for start capacitor
24	03-1418-06	Screw
25	03-1406-06	#10 Hex nut

CME500 SERVICE PARTS

AIR COOLED 115v, 60 Hz WIRING DIAGRAM

A35661-032

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

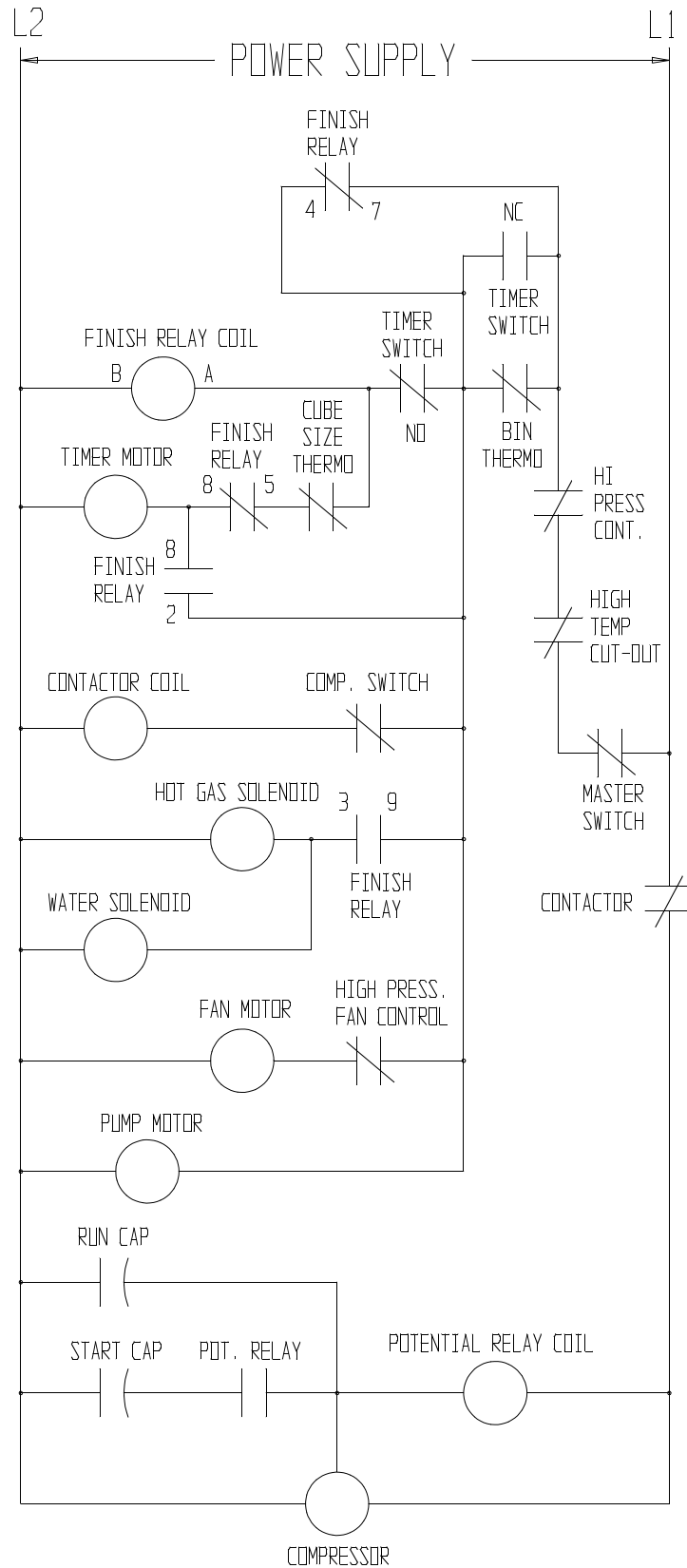


THIS UNIT SHOWN IN
THE TIMED PORTION
OF THE FREEZING CYCLE

USE COPPER CONDUCTORS ONLY

CME500 SERVICE PARTS

AIR COOLED 115v, 60 Hz SCHEMATIC DIAGRAM



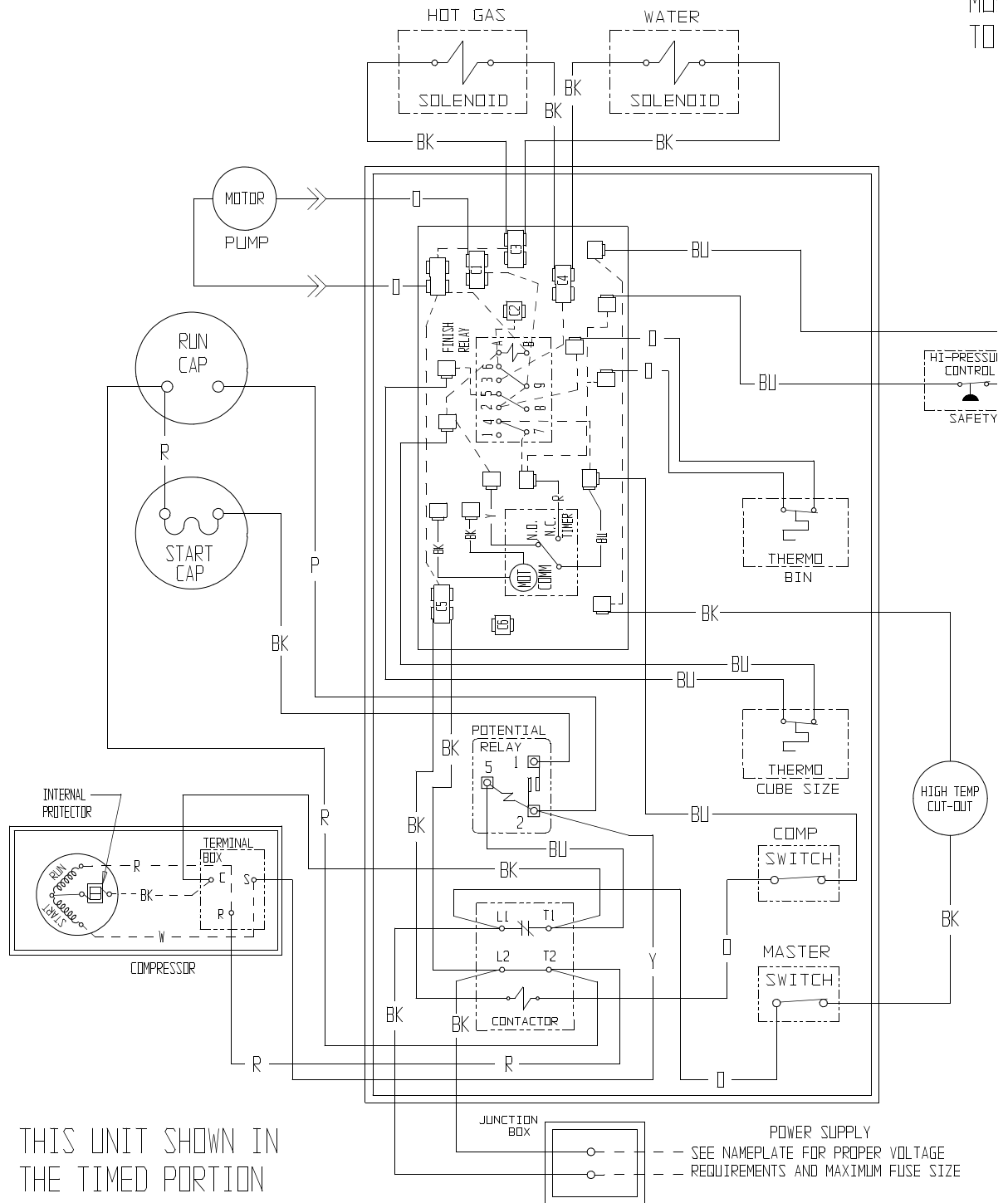
THIS UNIT MUST BE GROUNDED

CME500 SERVICE PARTS

WATER COOLED 115v, 60 Hz WIRING DIAGRAM

A35662-032

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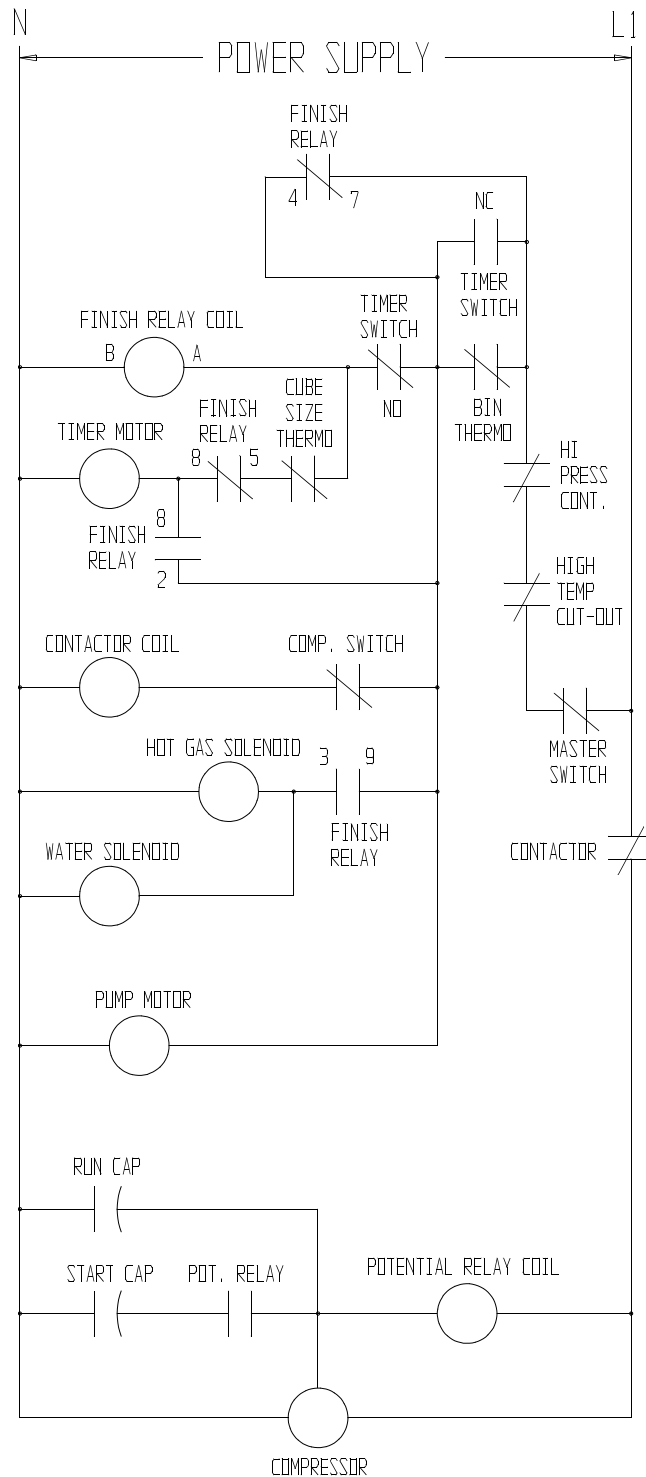
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CME500 SERVICE PARTS WATER COOLED 115v, 60 Hz SCHEMATIC DIAGRAM

CAUTION:

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THIS UNIT MUST BE GROUNDED