CME250 SERVICE PARTS

This section contains the parts illustrations and parts lists for the CME250.

A "no number" designation, when found in the part number column, indicates the part in question is not available from Scotsman as an assembly. This designation is used only for clarity in making the list.

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

When ordering parts, to avoid costly delays and errors, check the complete description as shown in the list.

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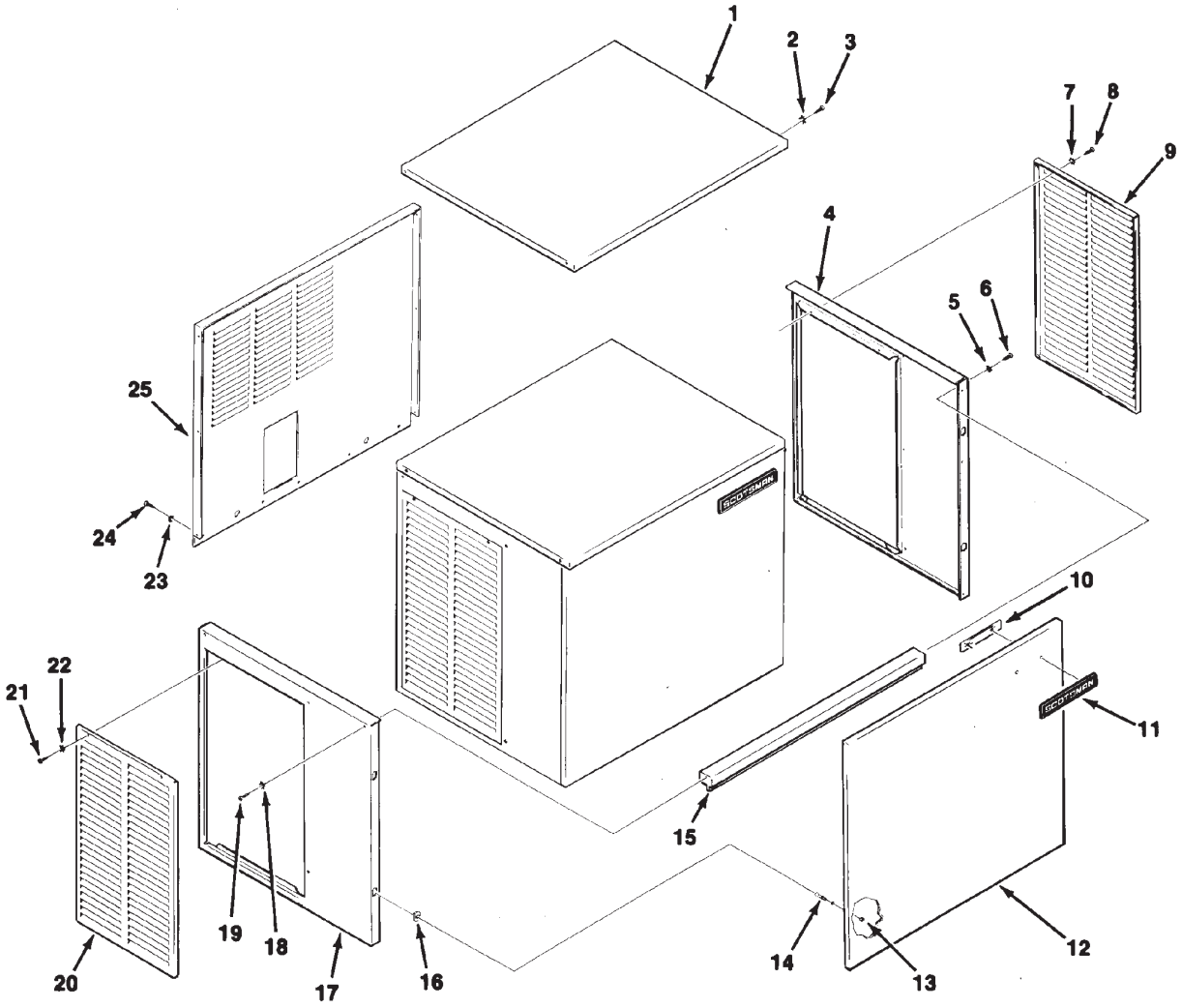
CME250 SERVICE PARTS

CABINET ASSEMBLY

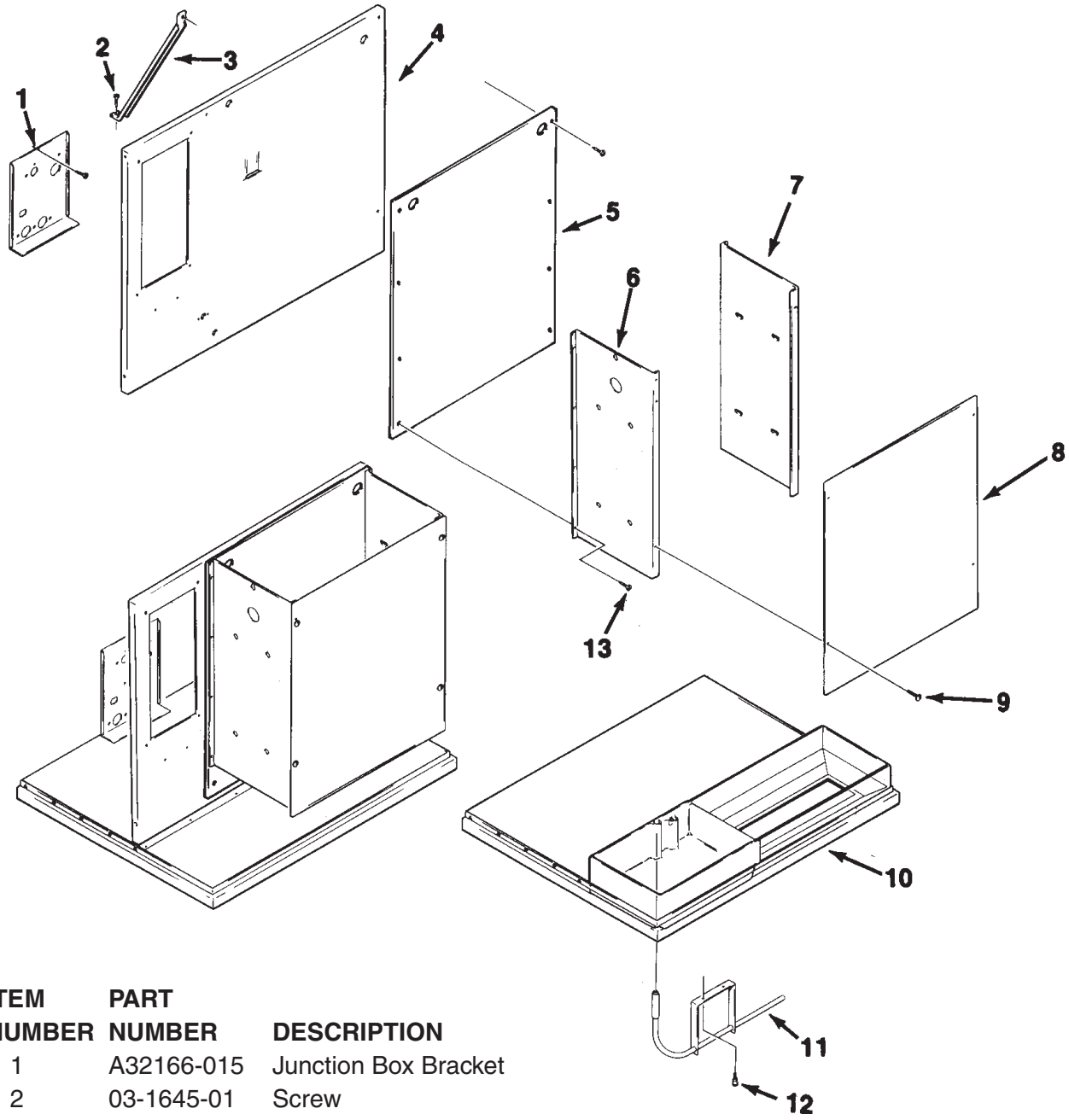


ITEM NUMBER	PART NUMBER	DESCRIPTION
1	A32159-001	Top Panel, Painted
	A32159-002	Top Panel, S. S.
2	03-1417-27	Lockwasher
3	03-1531-01	Screw
4	A32162-001	Right End Panel, Paint
	A32162-002	Right End Panel, S.S.
5.	03-1417-03	Lockwasher
6	03-1531-01	Screw
7	03-1417-03	Lockwasher
8	03-1404-12	Screw
9	A32161-001	Service Panel, Painted
	A33946-002	Service Panel, gray
10	03-0271-00	Speed Nut
11	15-0711-01	Emblem for painted
	15-0808-01	Emblem for stainless
12	A32160-001	Front Panel, Painted
	A32160-002	Front Panel, S.S.

ITEM NUMBER	PART NUMBER	DESCRIPTION
13	03-1406-04	Nut
14	15-0411-00	Strike
15	A32169-001	Front Support
16	02-0836-00	Cabinet Catch
17	A32163-001	Left End Panel, Paint
	A32163-002	Left End Panel, S.S.
18	03-1417-03	Lockwasher
19	03-1531-01	Screw
20	A32161-001	Service Panel, sandalwood
	A33946-032	Service Panel, gray
21	03-1404-12	Screw
22	03-1412-03	Lockwasher
23	03-1417-27	Lockwasher
24	03-1531-01	Screw
25	A32202-003	Back Panel, painted
	A32202-002	Back panel, stainless

CME250 SERVICE PARTS

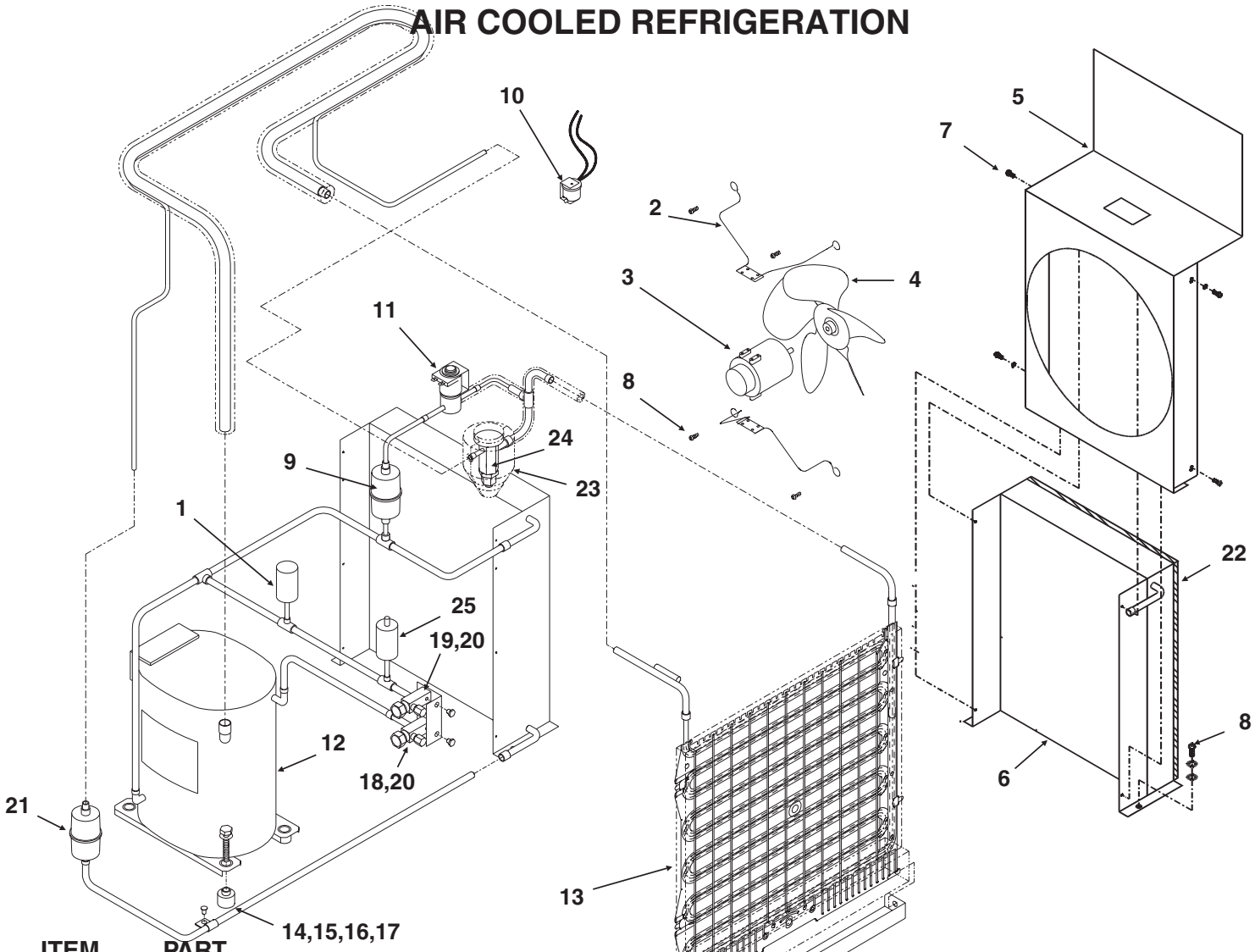
CABINET INTERIOR



ITEM NUMBER	PART NUMBER	DESCRIPTION
1	A32166-015	Junction Box Bracket
2	03-1645-01	Screw
3	A32210-001	Support Brace
4	A35666-001	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	A32153-002	Base
11	A32262-001	Bin Thermostat Bracket
12	03-0727-09	Thumbscrew
13	03-1531-02	Screw

CME250 SERVICE PARTS

AIR COOLED REFRIGERATION



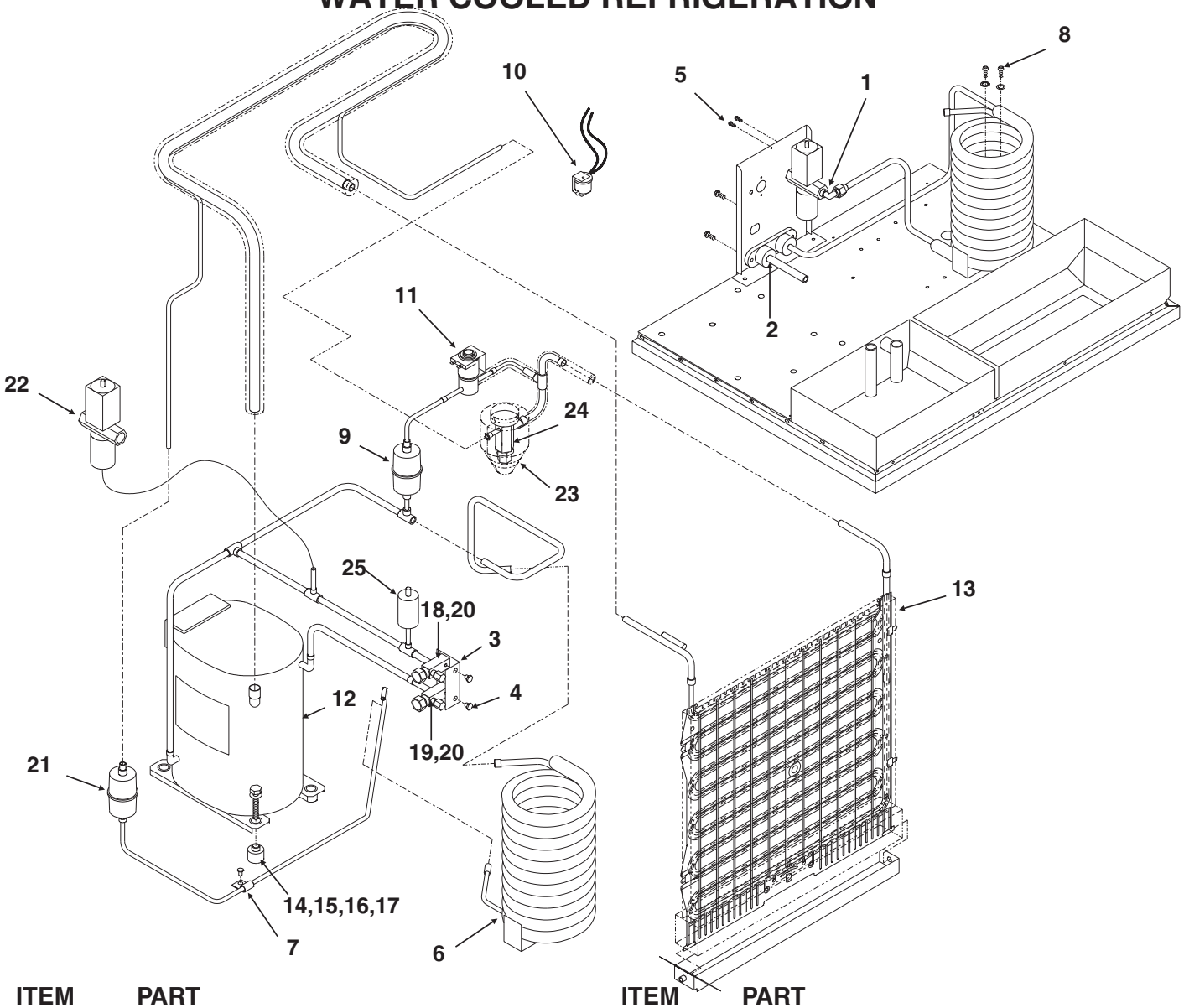
ITEM NUMBER	PART NUMBER	DESCRIPTION
1	11-0479-21	Fan control
2	18-3739-01	Fan Motor Bracket -12L only*
	02-3333-01	Fan Motor Bracket
3	18-5105-11	Fan Motor
4	18-3732-01	Fan Blade
5	A32171-001	Fan shroud-12L only*
	A35978-001	Fan shroud
5a	A35979-001	Fan shroud top
6	18-0398-01	Condenser
7	03-1404-05	Screw, #6 x 3/8
8	03-1645-01	Screw, 1/4 - 20 x 1/2
	03-1410-03	Lockwasher
	03-1407-05	Washer
9	02-3231-01	Hot gas valve filter-12L only*
10	12-2300-03	Hi Temp Cut Out
11	12-2417-22	Hot Gas Valve
12	18-8720-21	Compressor, includes drier
	18-5700-50	Overload

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

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	02-3319-01	Drier
22	A32975-001	Foam Filter
23	A36067-001	TXV insulation
24	16-0866-21	TXV - ext. equalized
		12L units must add ext. equalizer.
25	11-0485-21	Hi Pressure Cut Out Switch

CME250 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	03-1682-02	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	12-2417-22	Hot Gas Valve
12	18-8720-21	Compressor, includes drier
	18-5700-50	Overload

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

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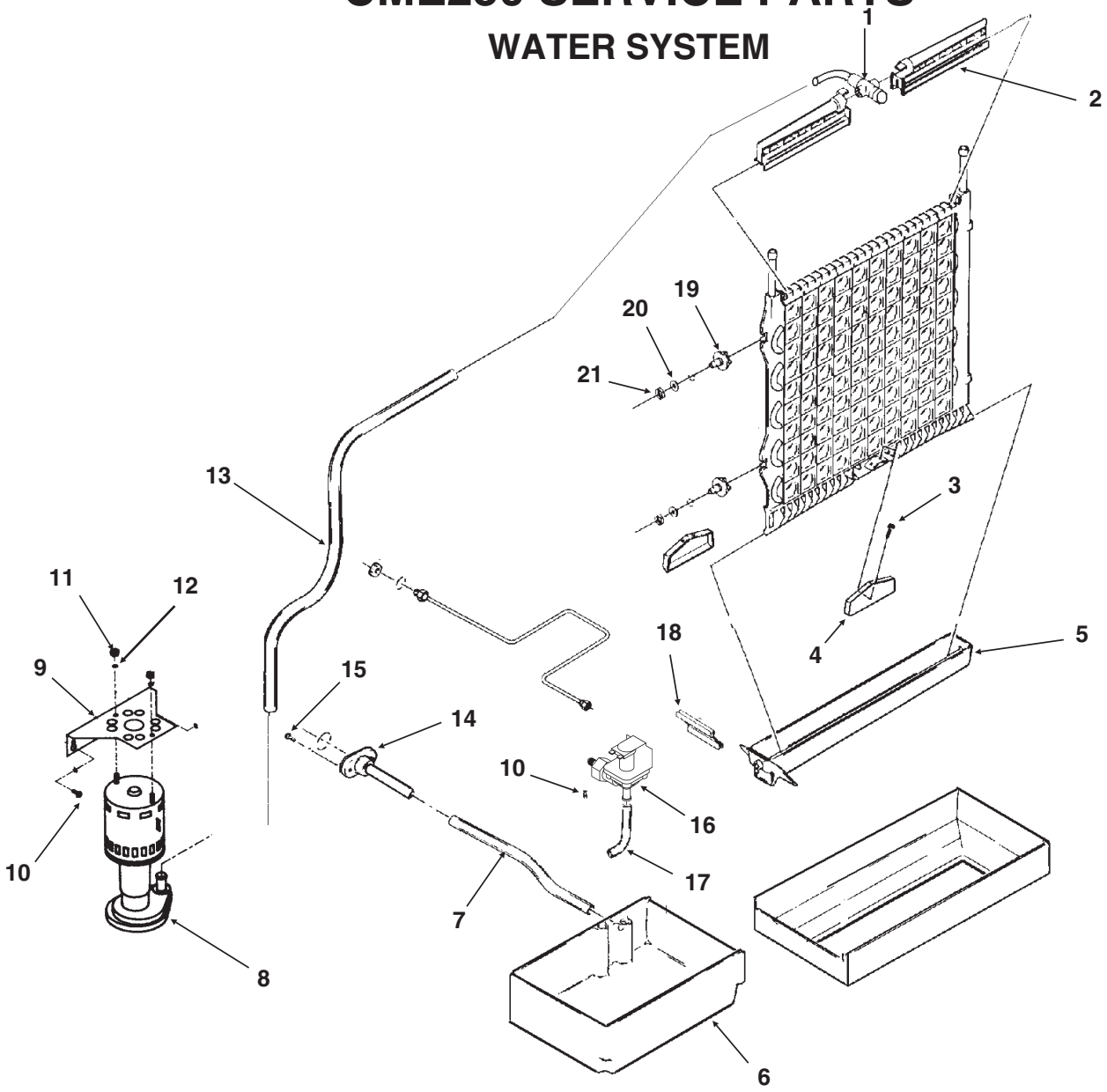
17	03-1405-20	Screw
18	16-0832-20	Lo side access valve (w/caps)
19	16-0832-21	Hi side access valve (w/caps)
20	16-0832-02	Stem cap
	16-0832-03	Core cap
21	02-3319-01	Drier
22	11-0478-01	Water regulating valve
23	A36067-001	TXV insulation
24	16-0866-21	TXV - ext. equalized
		12L units must add ext. equalizer.
25	11-0486-21	Hi Pressure Cut Out Switch

CME250 SERVICE PARTS

WATER SYSTEM

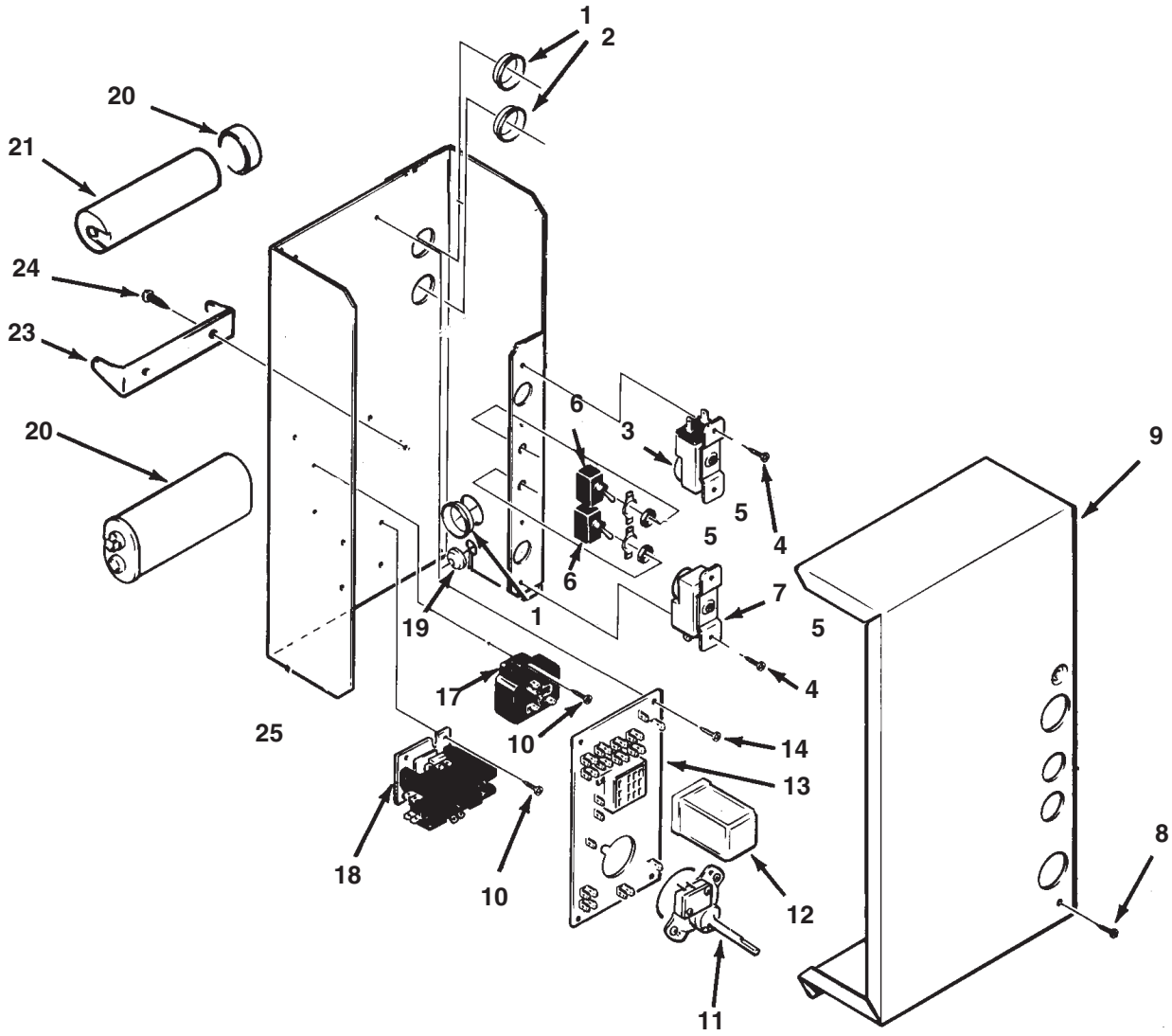


ITEM NUMBER	PART NUMBER	DESCRIPTION
1	A30926-001	Manifold w/ “T” & “elbow”
2	02-2527-01	Water distributor tube
3	03-1531-01	Screw
4	02-2878-02	End cover
5	02-2868-01	Drain trough
6	02-2869-01	Reservoir
7	13-0674-07	Drain hose, 8"
8	12-2260-21	Water pump
9	A35554-001	Pump bracket
10	03-1531-01	Screw
11	03-1406-05	Nut
12	03-1417-06	Lockwasher

ITEM NUMBER	PART NUMBER	DESCRIPTION
13	13-0674-07	Pump hose, 33"
14	A32282-003	Drain assembly, AC
15	03-1645-01	Screw
16	12-2447-21	Inlet water valve
17	A35926-001	Water inlet tube
18	02-2875-01	Deflector
19	02-2642-01	Plate mount
20	03-1408-34	Washer
21	03-1394-03	Pal nut

CME250 SERVICE PARTS

CONTROL BOX



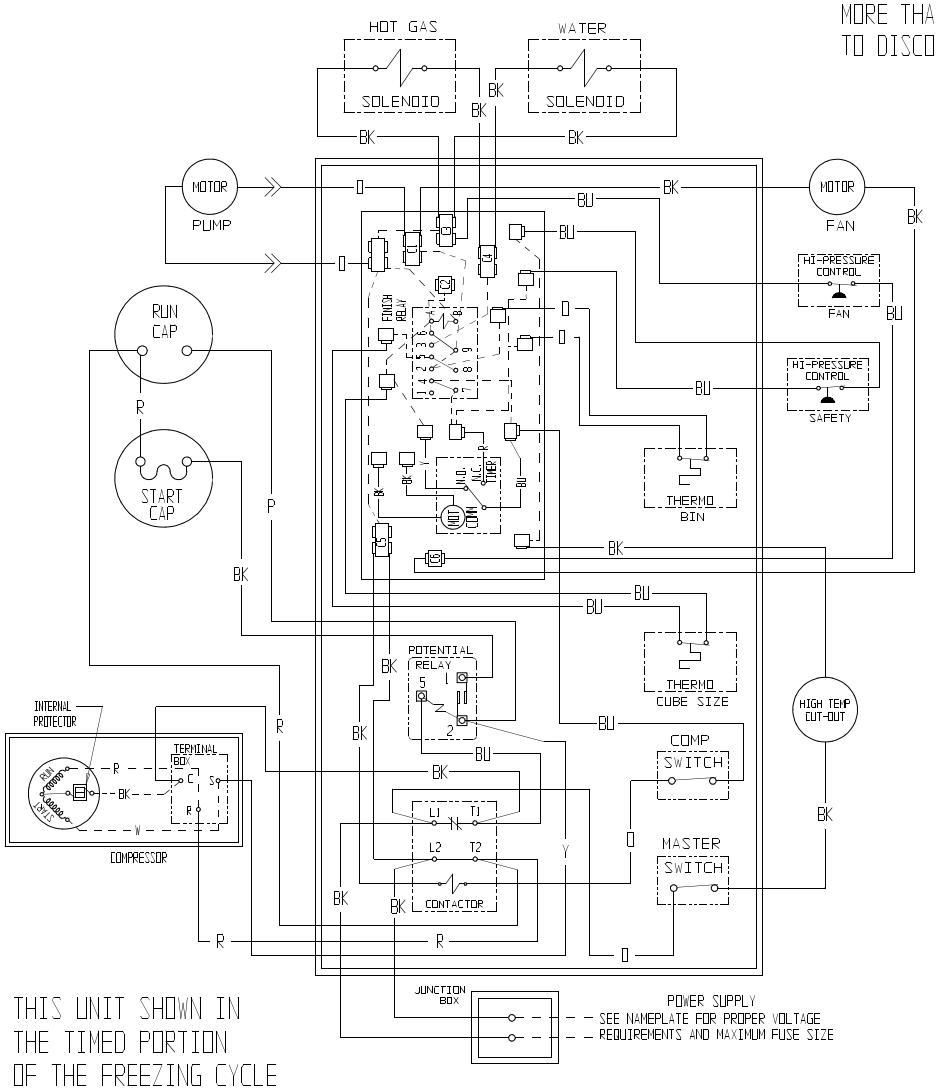
ITEM NUMBER	PART NUMBER	DESCRIPTION
1	12-1213-17	Snap bushing
2	12-1213-10	Snap bushing
3	11-0436-21	Cube size thermostat
4	03-1403-17	Screw
5	03-1417-27	Lockwasher
6	12-0426-01	Toggle switch
7	11-0427-22	Bin thermostat
8	03-1531-01	Screw
9	A32168-001	Control Box Cover
10	03-1638-03	Screw
11	12-2317-21	Timer & Switch
12	12-1879-02	Relay, 115 V
13	12-1912-01	Circuit Board

ITEM NUMBER	PART NUMBER	DESCRIPTION
14	03-1403-02	Screw
15	03-1403-05	Screw
16	03-1417-03	Lockwasher
17	18-1903-44	Potential relay
18	12-2469-03	Contactor
19	12-1213-04	Snap bushing
20	18-1902-52	Run capacitor
	13-0666-00	Cap for run capacitor
	A32872-001	Clamp for run capacitor
21	18-1901-49	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

CME250 SERVICE PARTS
AIR COOLED WIRING DIAGRAM

A35661-032

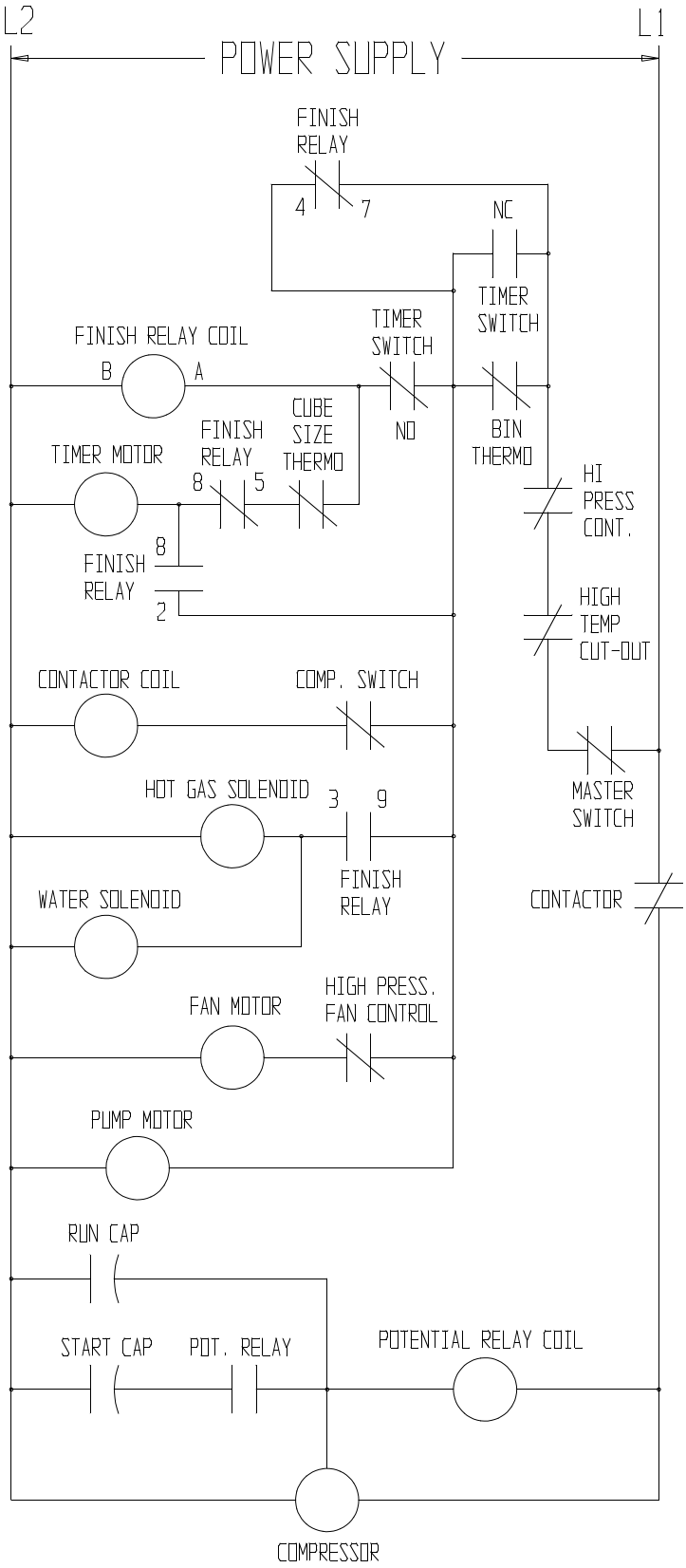
CAUTION:
MORE THAN ONE DISCONNECT MEANS MAY BE REQUIRED
TO DISCONNECT ALL POWER TO THIS UNIT



THIS UNIT SHOWN IN
THE TIMED PORTION
OF THE FREEZING CYCLE

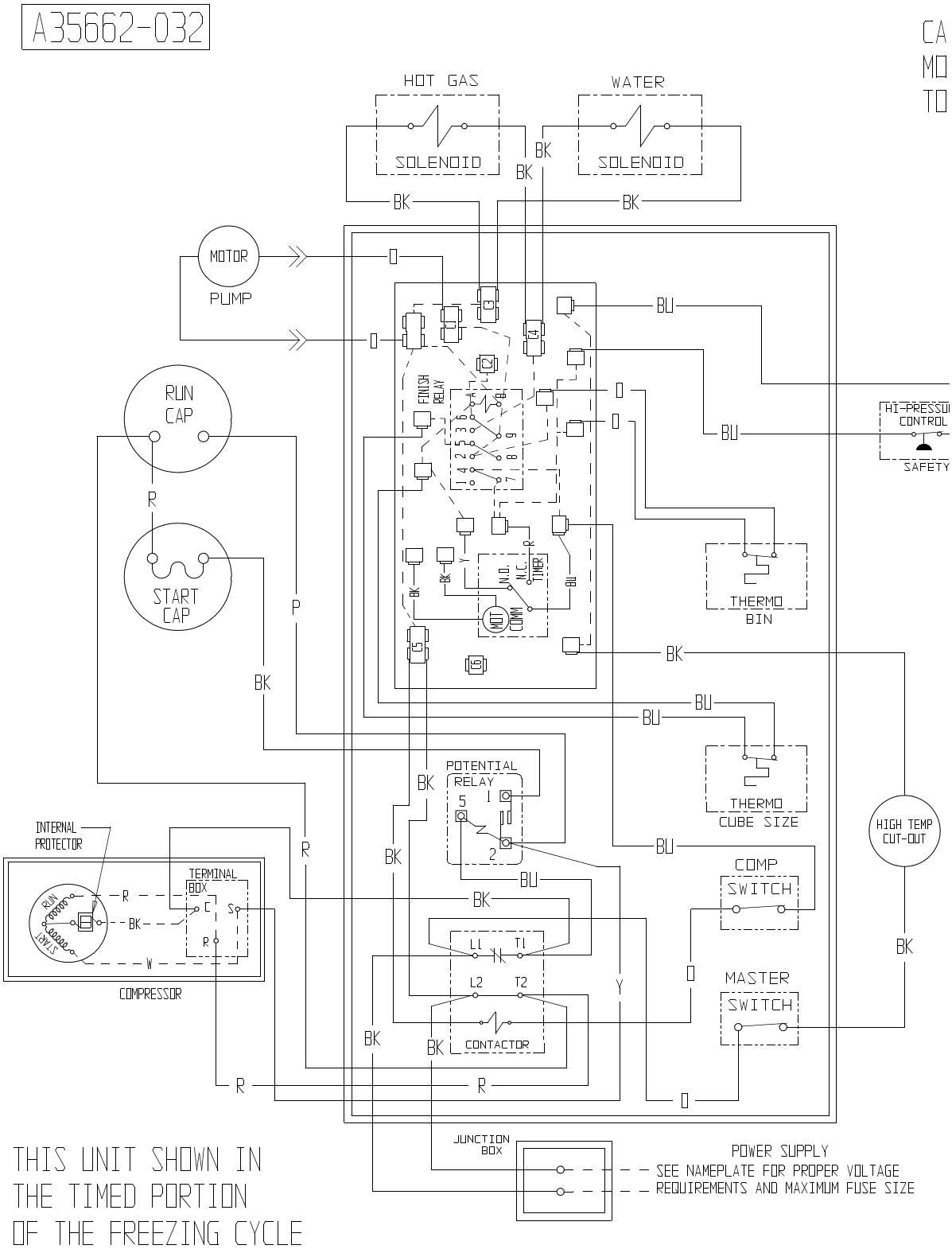
USE COPPER CONDUCTORS ONLY

CME250 SERVICE PARTS
AIR COOLED SCHEMATIC DIAGRAM



THIS UNIT MUST BE GROUNDED

CME250 SERVICE PARTS
WATER COOLED WIRING DIAGRAM



CME250 SERVICE PARTS
WATER COOLED SCHEMATIC DIAGRAM

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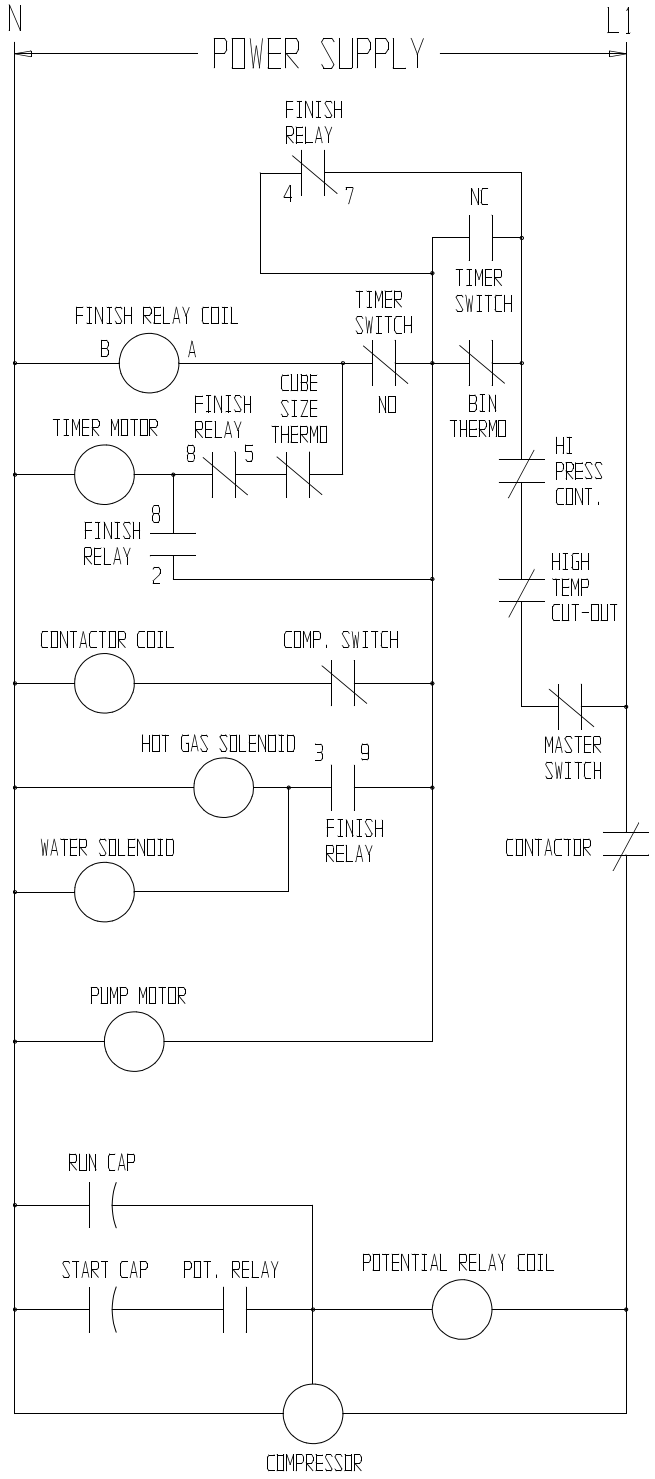
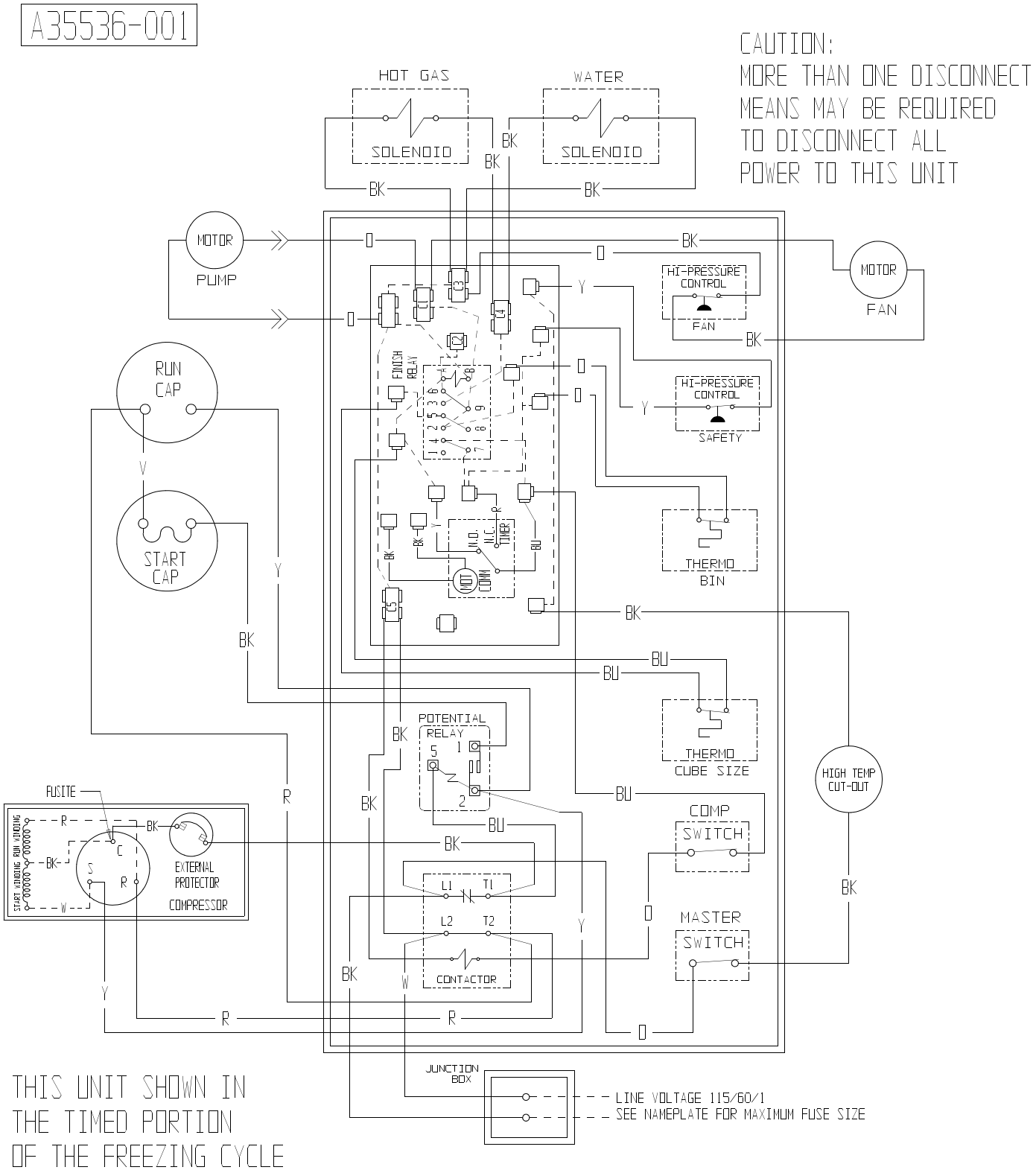


THIS UNIT MUST BE GROUNDED

CME250 SERVICE PARTS

"E" Series Air Cooled Wiring Diagram



CME250 SERVICE PARTS

"E" Series Air Cooled Wiring Diagram

CAUTION:
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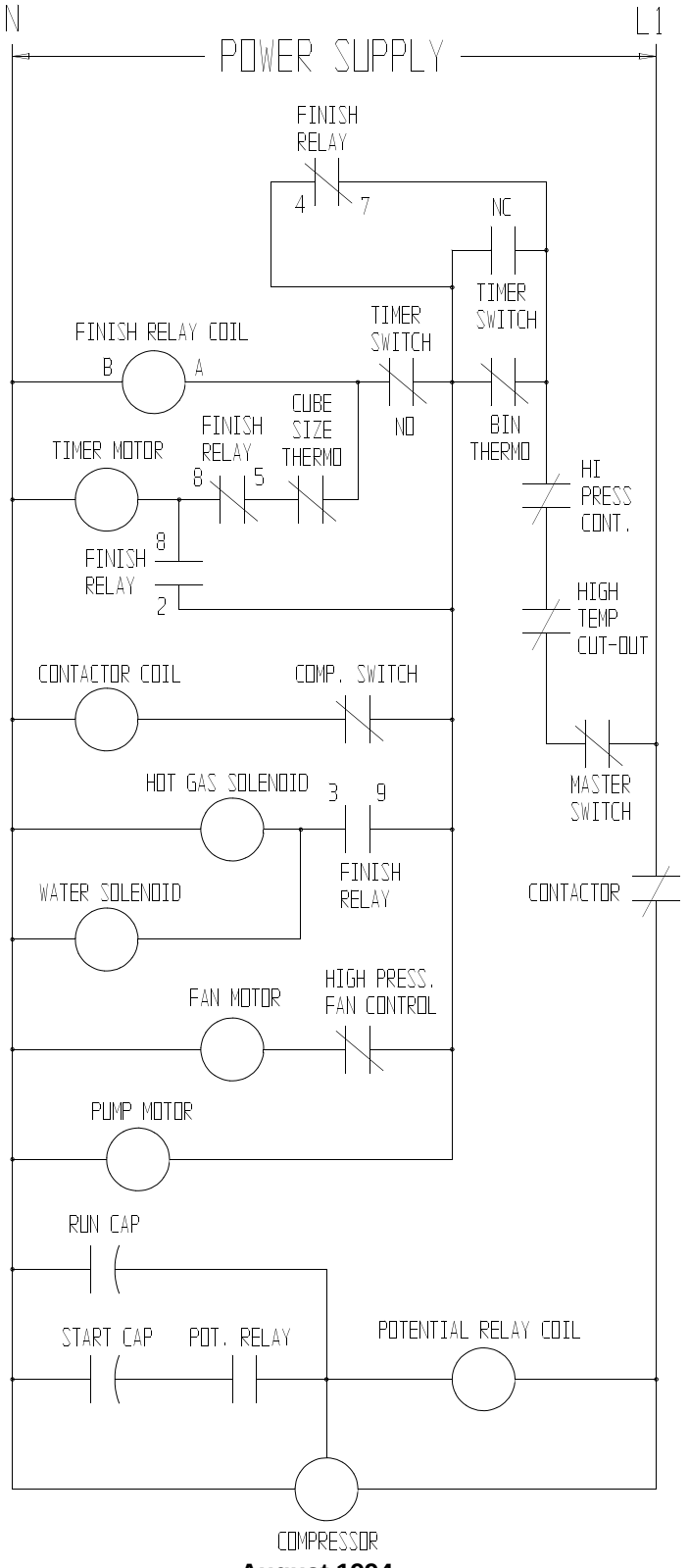
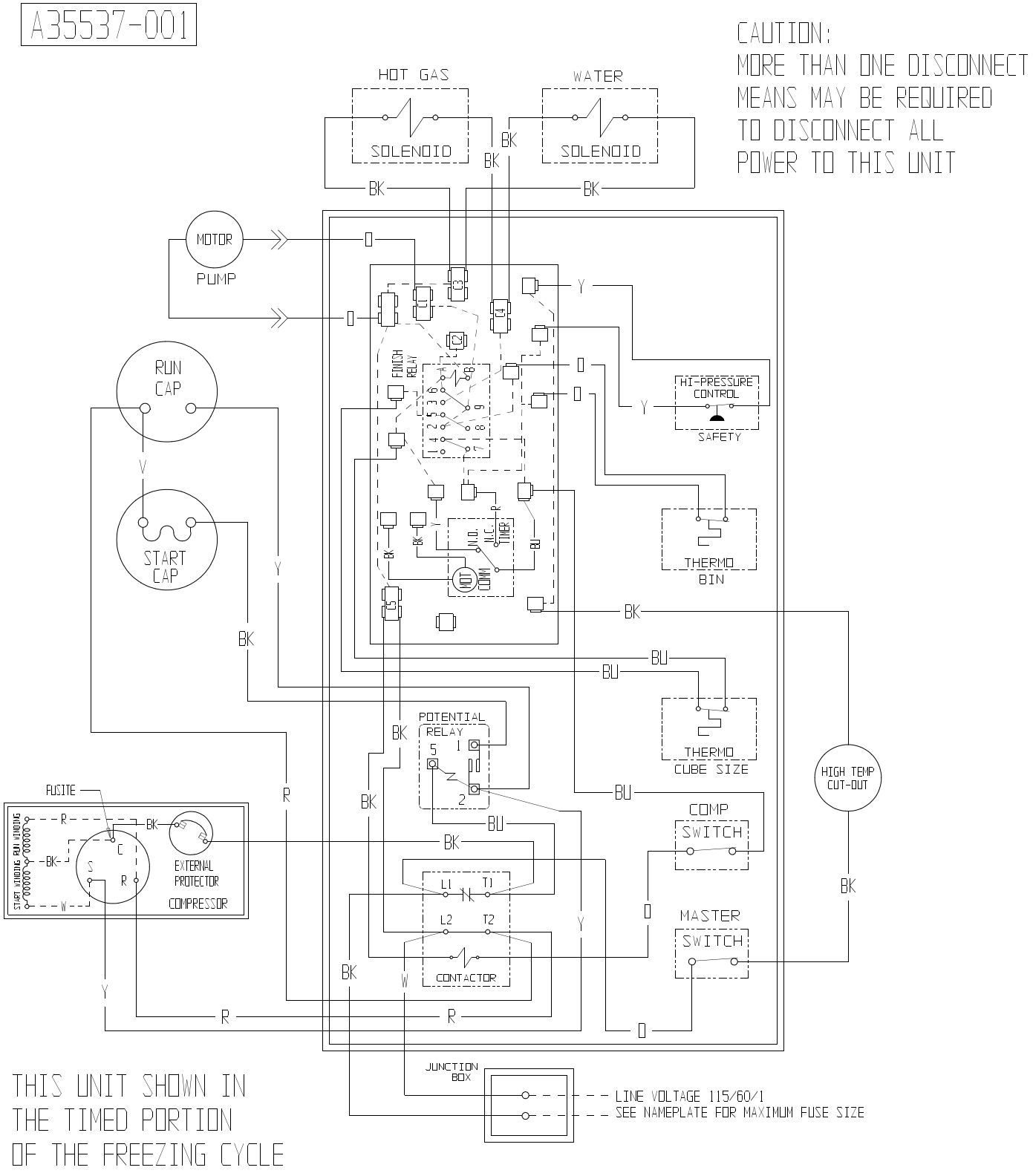
TO DISCONNECT ALL POWER TO THIS UNIT

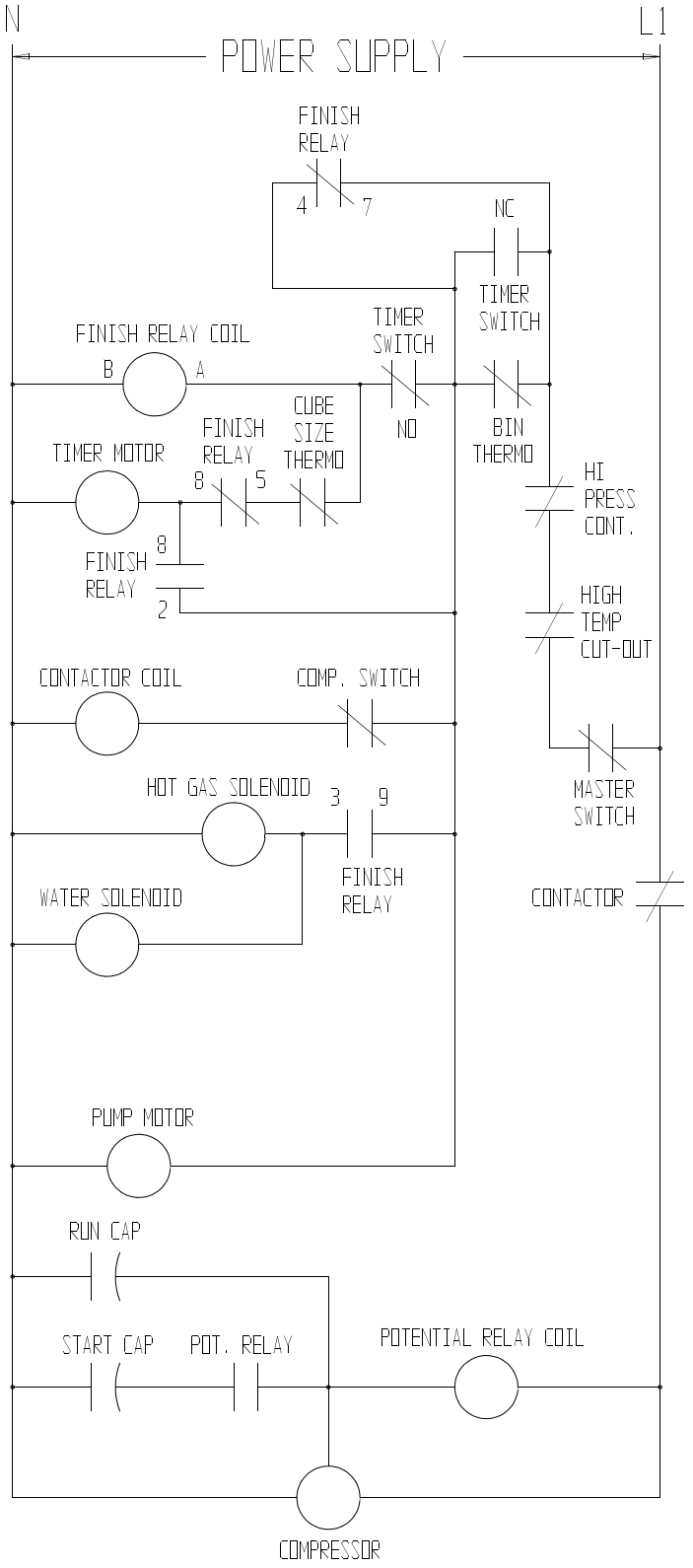


CME250 SERVICE PARTS

"E" Series Water Cooled Wiring Diagram



CME250 SERVICE PARTS

"E" Series Water Cooled Wiring Diagram

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