CME1202R & CME1402R SERVICE PARTS

This parts lists shows the service parts for the CME1202R & CME1402R Remote.

Check the model number of the machine to be certain of obtaining the correct part.

Note: Units have been manufactured in various electrical configurations, including single phase, three phase and 50 Hz.

Included at the back of the parts list are the wiring diagrams.

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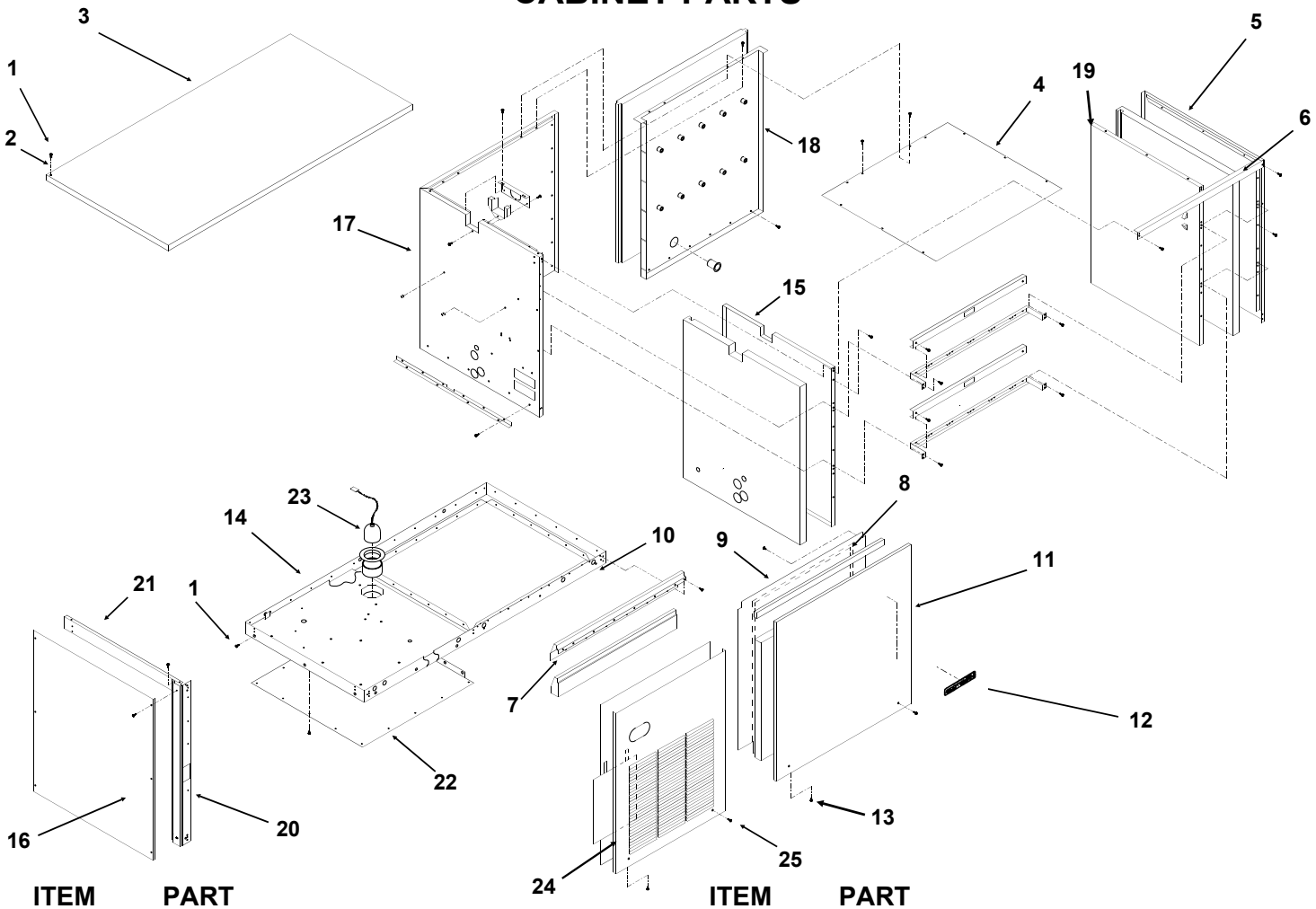
CME1202R & CME1402R SERVICE PARTS

CABINET PARTS



ITEM NUMBER	PART NUMBER	DESCRIPTION
1	03-1531-01	Screws
2	03-1417-27	Washers
3	A35074-001	Panel top (sandalwood)
	A35074-015	Top panel, gray
	A35074-002	Panel top (stainless)
4	A33364-001	Liner top
5	A29164-003	Right panel (sandalwood)
	A29164-015	Right side panel, gray
	A29164-002	Right panel (stainless)
6	A30330-001	Brace front
7	02-2532-01	Liner cap
8	13-0595-00	Gasket (order per foot)
9	02-2795-01	Liner, front panel
10	03-1678-01	Speed clip
11	A35401-022	RIght front panel, stainless
	A35401-021	Right front panel, sandalwood
	A35401-024	Right front panel, gray
	Front panels include insulation and liner.	
	02-3252-01	Plastic bumper
12	15-0711-01	Emblem for sandalwood
	15-0808-03	Grey emblem for SS or gray

ITEM NUMBER	PART NUMBER	DESCRIPTION
13	03-1678-04	Thumb screw
	03-1678-03	Screw retainer
14	A35110-001	Base assembly
15	02-2533-01	Liner, left side
16	A35075-001	Left side panel, sandalwood
	A35075-015	Left side panel, gray
	A35075-002	Left side panel, stainless
17	no number	Retainer
18	02-2531-01	Liner back
19	02-2534-01	Right side liner
20	A35069-001	Corner post
21	A35066-001	Brace
22	02-3151-01	Plastic cover
23	A34908-021	Transducer
24	A35400-001	Left frnt pnl, sandalwood
	A35400-015	Left front panel, gray
	A35400-002	Left frnt pnl, stainless
25	03-1678-02	Panel screw
	03-1678-03	Screw retainer
	02-3252-01	Plastic bumper
26	A36206-001	Back panel (not shown)

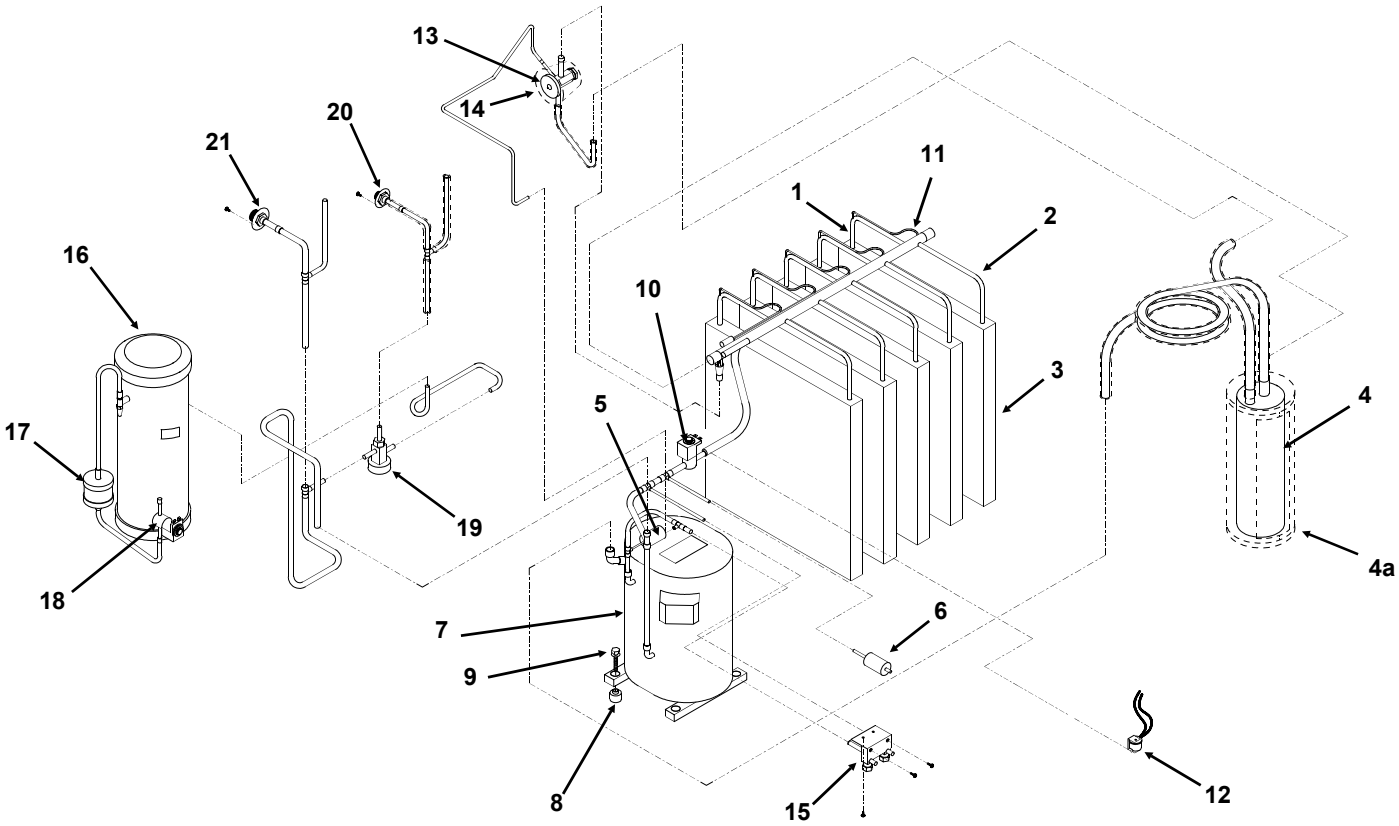
CME1202R & CME1402R SERVICE PARTS

REFRIGERATION SYSTEM

ITEM NUMBER	PART NUMBER	DESCRIPTION
1	16-0888-01	Defrost manifold assembly
2	16-0887-01	Evaporator suction assembly
3	A30296-020	Evaporator plate
4	16-0883-20	Accumulator
4a	no number	½" armaflex insulation
5	11-0484-21	Pump down press. sw.
6	11-0485-22	Hi press cut out,
7		Compressors*
	18-8750-22	CME1202 60 Hz, single phase
	18-8750-24	CME1202 60 Hz, 3 phase
	18-8751-23	CME1402 60 Hz, single phase
	18-8751-25	CME1402 60 Hz, 3 phase
	18-8750-27	CME1202 50 Hz, single phase
	18-2308-01	Crankcase heater
8	18-2200-28	Grommet

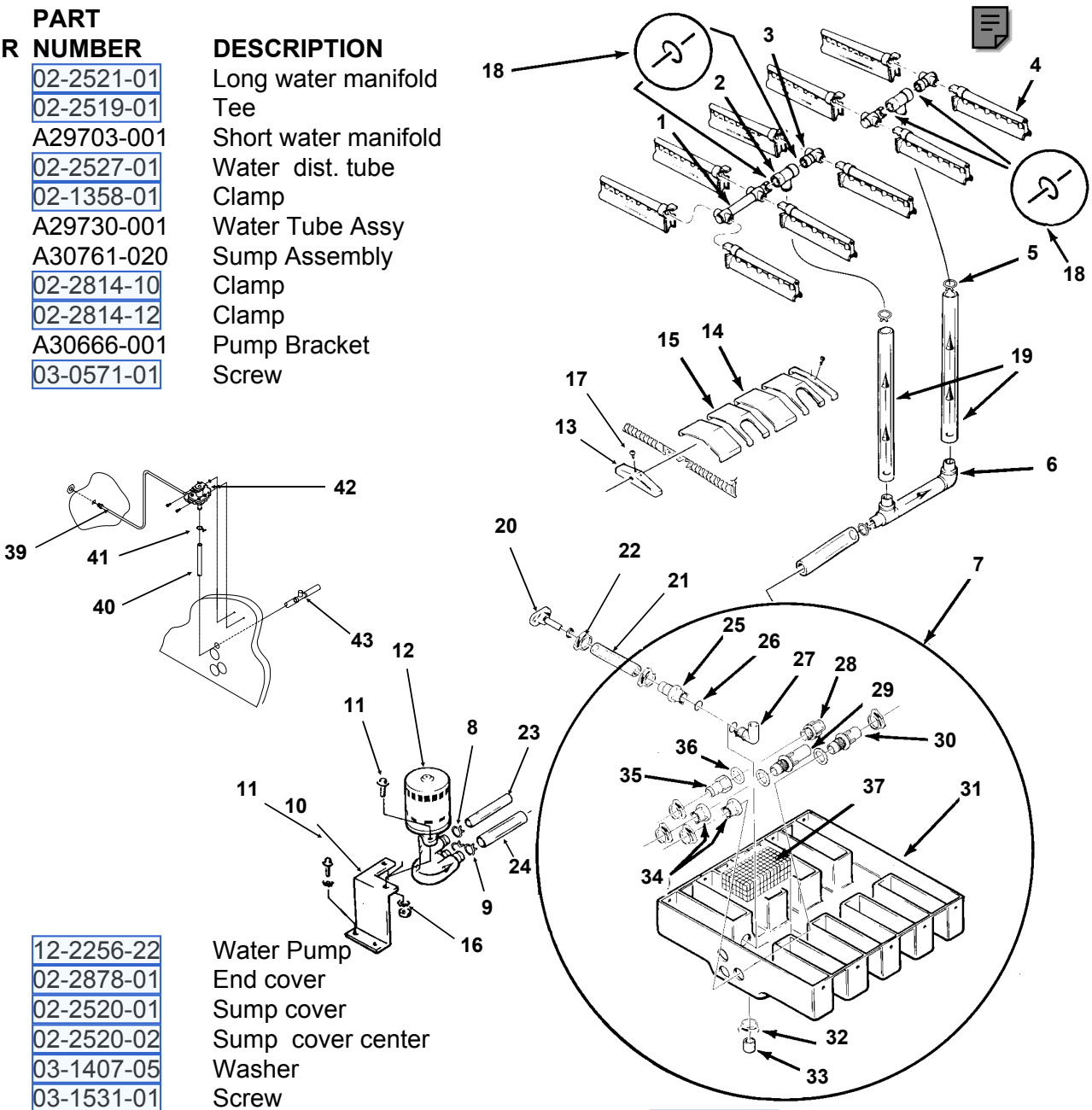
*** Replacement compressors include a crankcase heater and dryer.**

ITEM NUMBER	PART NUMBER	DESCRIPTION
9	03-1405-20	Screw
	03-1407-07	Washer
	18-2200-27	Sleeve
10	11-0494-21	Hot gas valve
11	16-0885-01	Distributor and tubes
12	12-2300-07	Hi temp cut out
13	16-0882-21	TXV
14	02-3396-01	Insulation
15	16-0832-20	Access valve
	16-0832-02	Stem cap
	16-0832-03	Core or port cap
16	16-0884-01	Receiver
17	02-3319-02	Dryer
18	11-0491-21	Liquid line valve
19	11-0422-24	Head press. control valve
20	16-0850-03	Liquid line quick connect
21	16-0850-01	Discharge line quick con.



CME1202R & CME1402R SERVICE PARTS

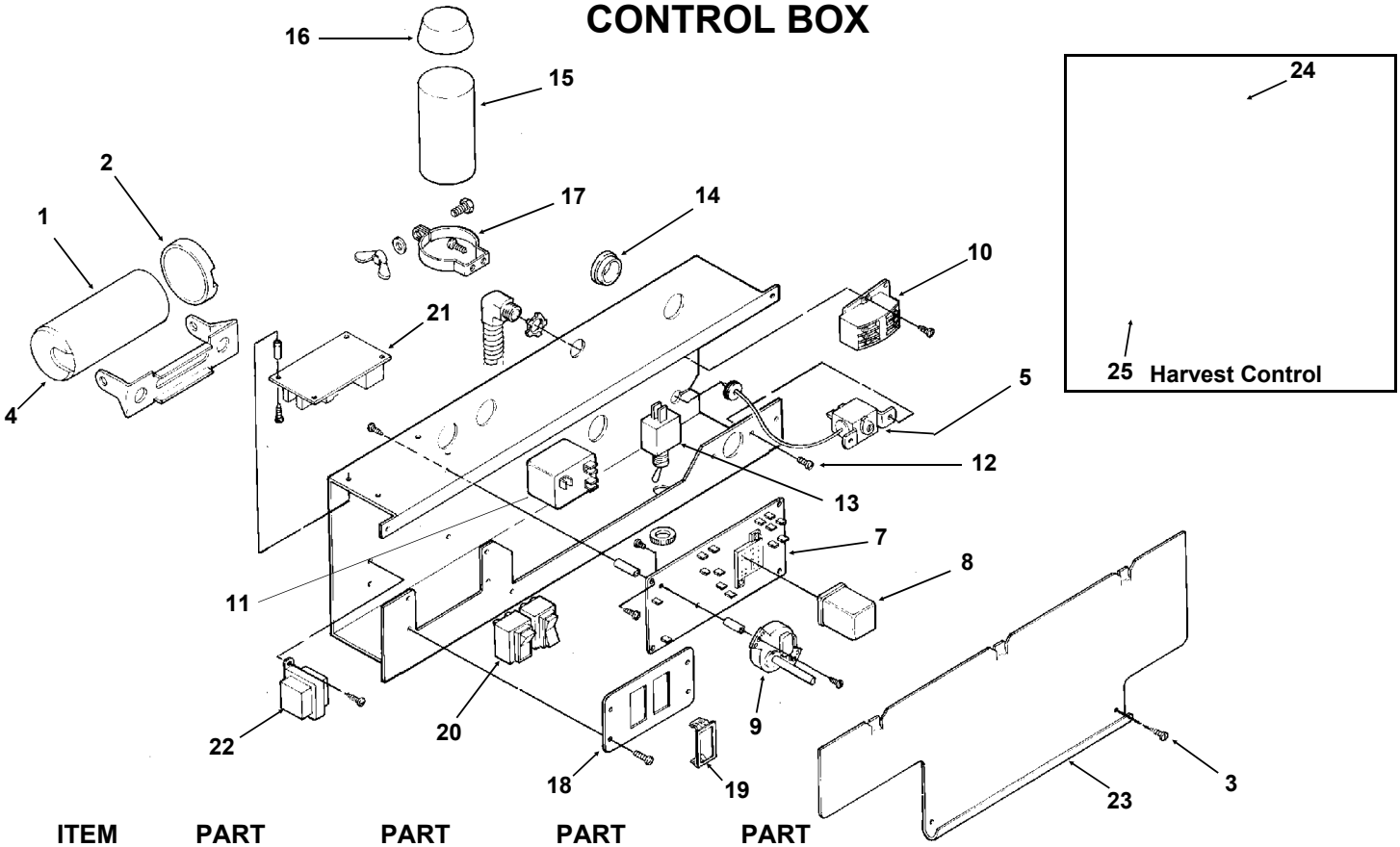
WATER SYSTEM



ITEM NUMBER	PART NUMBER	DESCRIPTION
1	02-2521-01	Long water manifold
2	02-2519-01	Tee
3	A29703-001	Short water manifold
4	02-2527-01	Water dist. tube
5	02-1358-01	Clamp
6	A29730-001	Water Tube Assy
7	A30761-020	Sump Assembly
8	02-2814-10	Clamp
9	02-2814-12	Clamp
10	A30666-001	Pump Bracket
11	03-0571-01	Screw
12	12-2256-22	Water Pump
13	02-2878-01	End cover
14	02-2520-01	Sump cover
15	02-2520-02	Sump cover center
16	03-1407-05	Washer
17	03-1531-01	Screw
18	13-0617-48	O-ring
19	13-0674-07	Hose (18.5")
20	A31757-002	Drain
21	13-0674-07	Tube, drain (7")
22	02-1358-01	Hose clamp
23	13-0674-07	Tube, need 6.25"
24	13-0674-08	Tube, need 6.6"
25	02-2606-01	Female tube
26	13-0617-02	O-ring
27	02-2125-01	Elbow
28	02-2080-01	Overflow
29	02-2792-01	Pick Up tube
30	02-2793-01	Inlet tube
31	no number	sump pan (see item 7)
32	02-1530-01	Clamp
33	13-0796-01	Rubber cap
34	02-2791-01	Water inlet nut
35	02-2606-01	Female tube
36	13-0617-02	O-ring
37	A30760-001	Screen
39	A35119-001	Water inlet assy
40	13-0674-03	Tygon tube, 25" req.
41	02-2814-05	Hose clamp
42	12-2446-26	Inlet water valve
43	16-0670-02	Tee

CME1202R & CME1402R SERVICE PARTS

CONTROL BOX

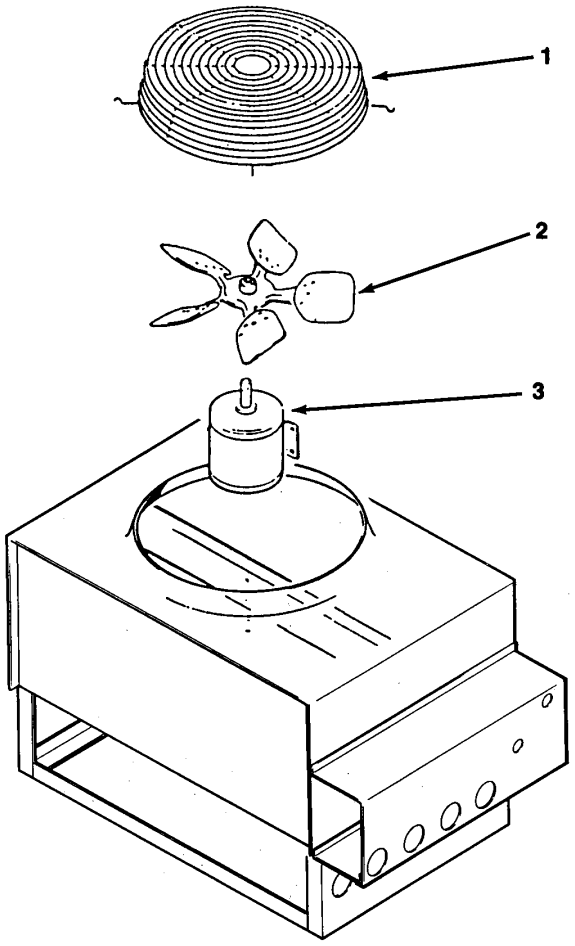


ITEM NUMBER	PART NUMBER 3 phase	PART NUMBER single phase 1202 60 Hz	PART NUMBER single phase 1402	PART NUMBER single phase 1202 50 Hz	DESCRIPTION
1	-	18-1901-48	18-1901-27	same	Start Capacitor
2	-	A35328-001	same	same	Start Cap. Cap
3	-	03-1638-03	same	same	Screw
4	-	18-2200-39	same	same	Start cap. bracket
5	11-0351-22	same	same	same	Cube Size Control
6	02-2242-02	same	same	same	Stand off
7	12-1912-01	same	same	same	Circuit board
8	12-1879-03	same	same	same	Relay
9	12-2628-22	same	same	12-2628-26	Timer & Switch
10	12-0739-02	12-2469-02	same	same	Contactor
11	-	18-1903-46	same	same	Potential Relay
12	03-1403-17	same	same	same	Screw
13	12-0426-01	same	same	same	Comp. Switch
14	-	12-1213-12	same	same	Snap busing
15	-	18-1902-55	18-1902-56	18-1902-57	Run capacitor
16	-	13-0666-00	same	same	Terminal cover
17	-	A32872-001	same	same	Run Cap Bracket
18	02-3173-01	same	same	same	Switch plate
19	12-2414-01	same	same	same	Wash- Off - Ice switch
20	12-2411-01	same	same	same	Bin ice level switch
	12-2402-01	same	same	same	Wire harness, bin level switch to board
21	12-2376-21	same	same	same	Ice level control circuit board
22	12-2285-22	same	same	same	Transformer
23	A35082-001	same	same	same	Control box cover
*24	11-0521-21	same	same	same	Cross amb, harvest thermostat, w/hardware
*25	12-2070-04	same	same	same	Relay for harvest thermostat

* Use began with May 1997 production (-11N)

CME1202R & CME1402R SERVICE PARTS

REMOTE CONDENSER



RCE1401-32

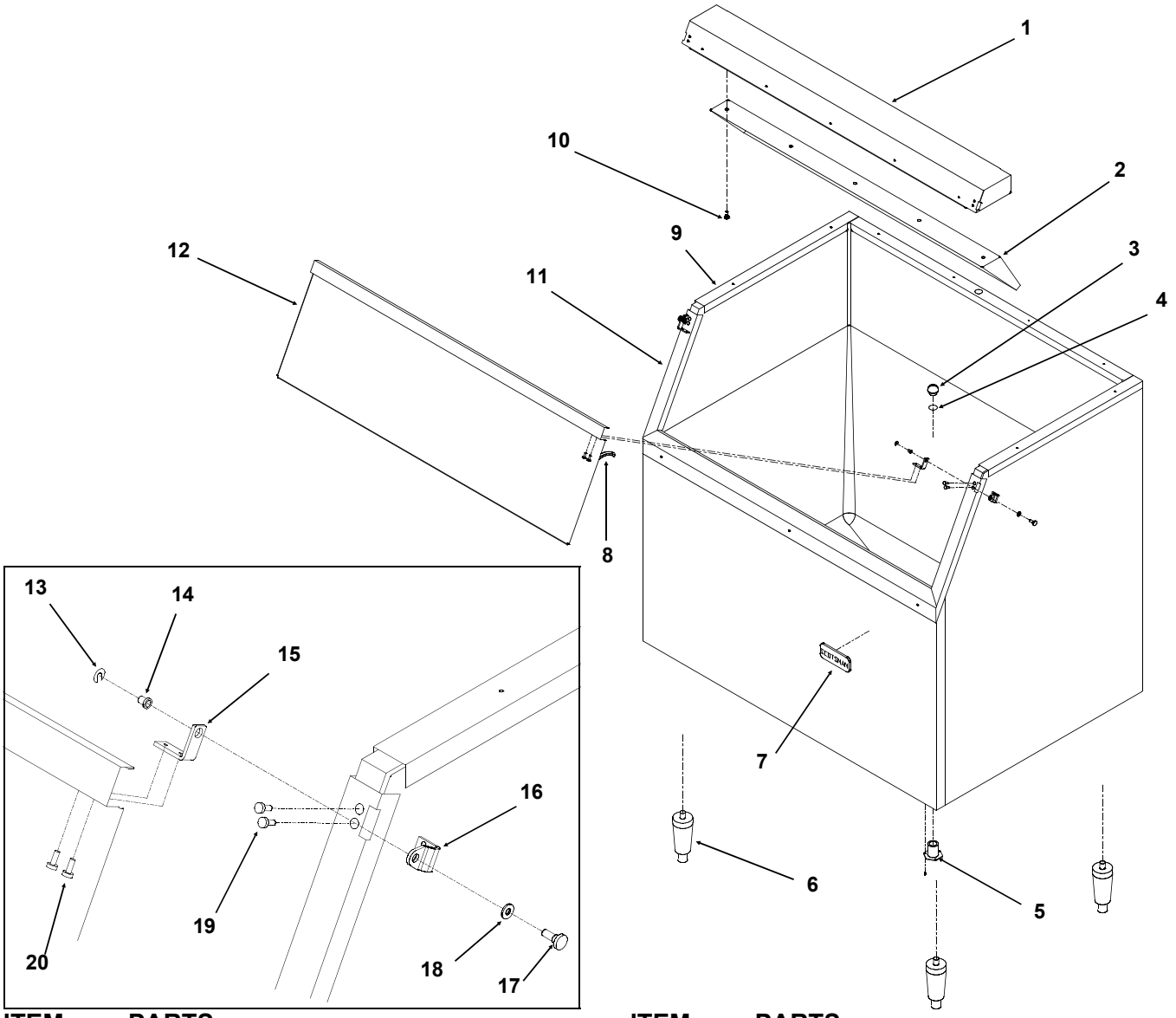
ITEM NUMBER	PART NUMBER	DESCRIPTION
1	02-2618-01	Fan guard
2	18-6304-01	Fan blade
3	18-5301-01	Fan motor
Not Shown:		
4	16-0701-06	Quick connect, liquid
5	16-0850-01	Quick connect, discharge
6	16-1057-01	Quick connect, pre-charged 3/8" line
7	16-1057-02	Quick connect, pre-charged 1/2" line

ERC401

1	02-3575-01	Fan guard
2	18-8800-01	Fan blade
3	18-8796-32	Fan motor

CME1202R & CME1402R SERVICE PARTS

BH900 ICE STORAGE BIN



ITEM NUMBER	PARTS NUMBER	DESCRIPTION
1	A35322-020	Canopy Assembly
2	A35152-001	Ice Baffle
3	02-2809-01	Drain Top
4	13-0617-11	O-ring
5	02-3201-01	Drain casting
6	KLP2E	Leg Kit, Black
	KLP2S	Leg Kit, Nickel Plated
7	15-0711-01	Emblem
8	13-0595-00	Door gasket(6.25’ reg.)
9	19-0503-04	Bin gasket
10	03-0727-11	Baffle screw
11	A35275-001	Door frame assy.
	A37641-021	Door frame, BH900S-C
12	A35323-020	Door with gasket
13	03-1539-09	"E" ring
14	02-2380-01	Hinge bushing

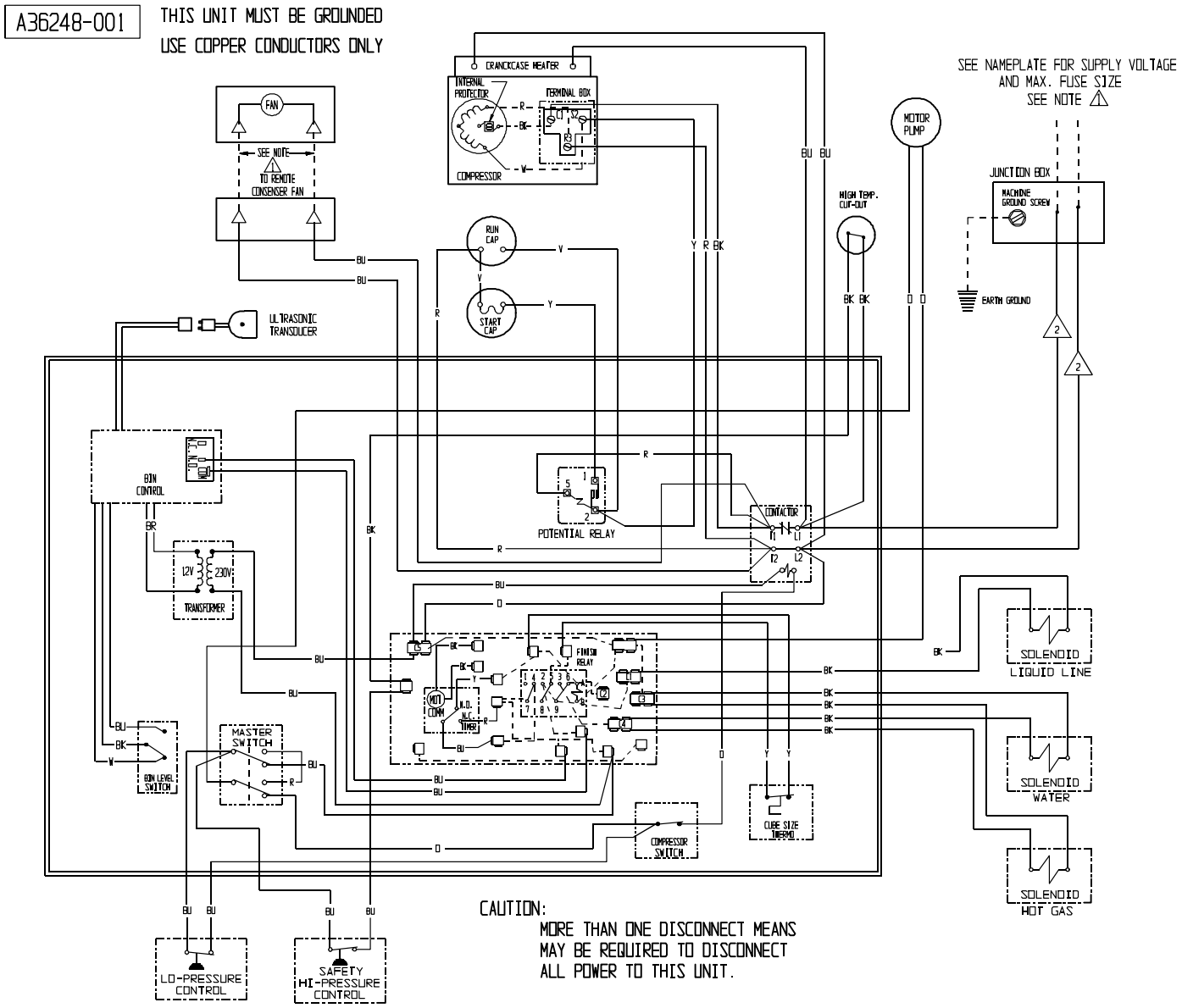
ITEM NUMBER	PARTS NUMBER	DESCRIPTION
15	02-3195-01	Door hinge
16	02-3196-01	Bin hinge
17	02-2806-01	Shoulder screw
18	02-2380-02	Spacer
19	03-1403-29	Screw 10-24
20	03-1403-24	Screw 10-24
21	A35280-001	Left bin channel
21a	A35311-001	Back bin channel
21b	A35279-001	Right bin channel
22	02-0540-00	Scoop

Note: There were a few BH900CE/CS type bins that used a different door, gasket, hinge & pin:

12	02-3222-01	Door
	13-0595-01	Gasket
	02-3225-01	Hinge kit
	02-3226-01	Pivot pin set

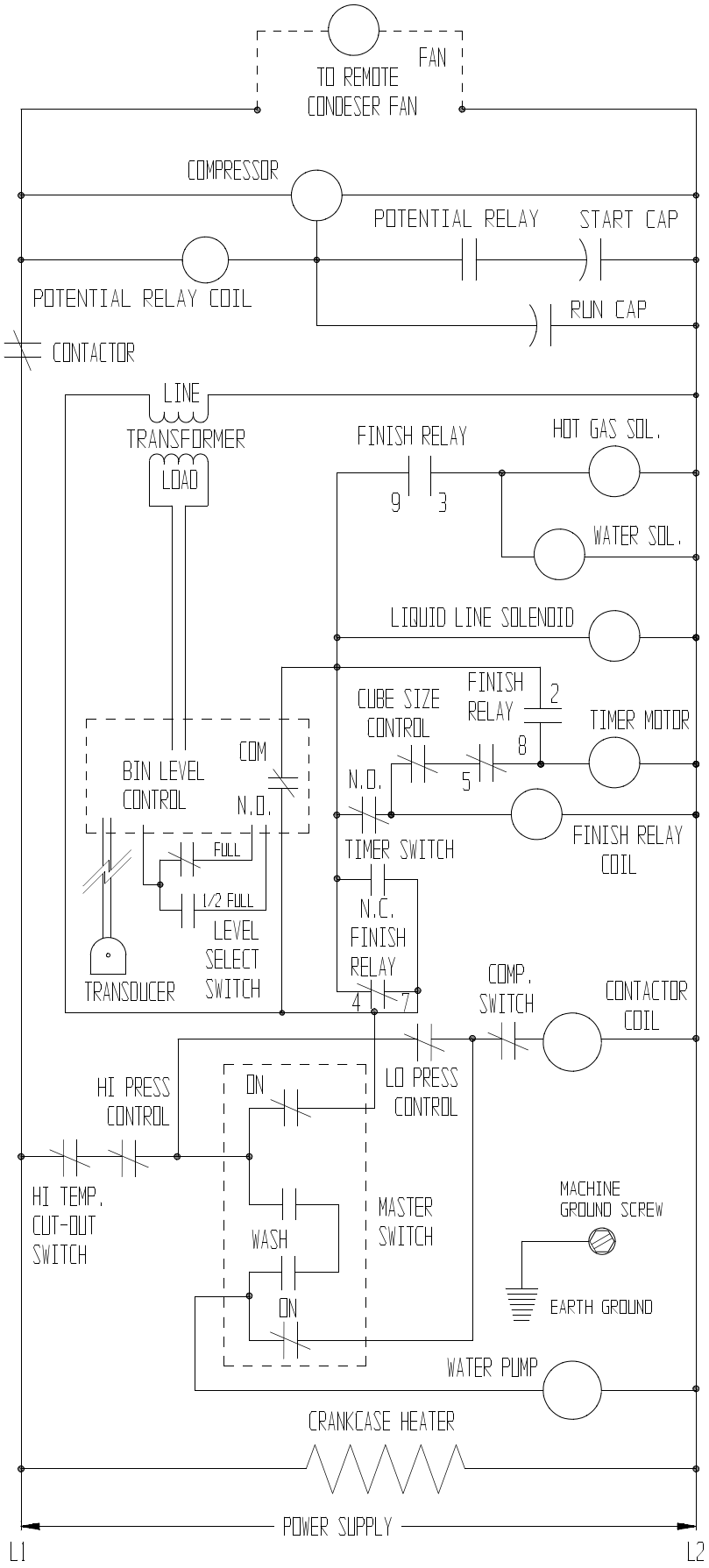
CME1202R & CME1402R SERVICE PARTS

Single Phase Wiring Diagram



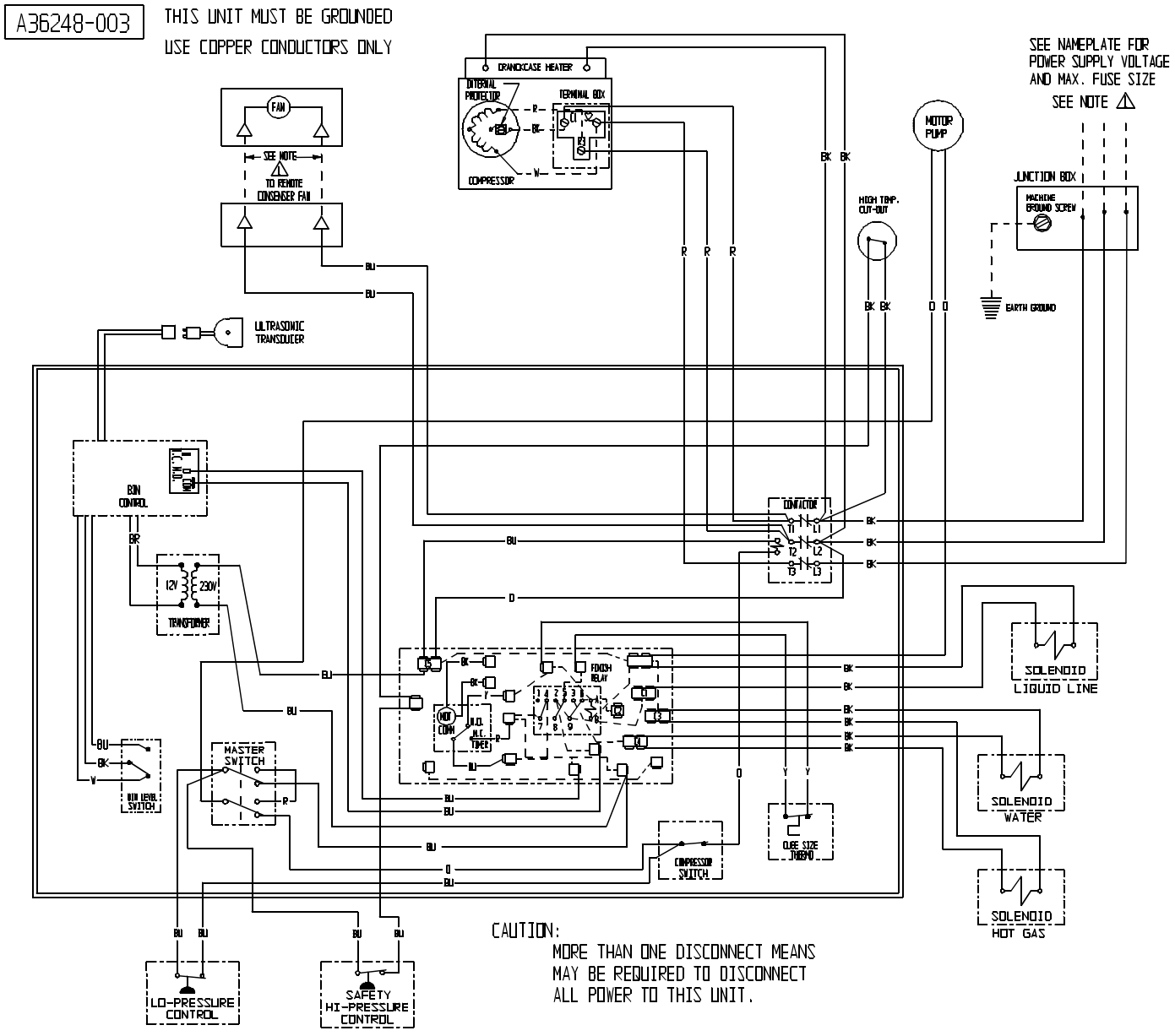
CME1202R & CME1402R SERVICE PARTS

Single Phase Schematic Diagram



CME1202R & CME1402R SERVICE PARTS

3 Phase Wiring Diagram

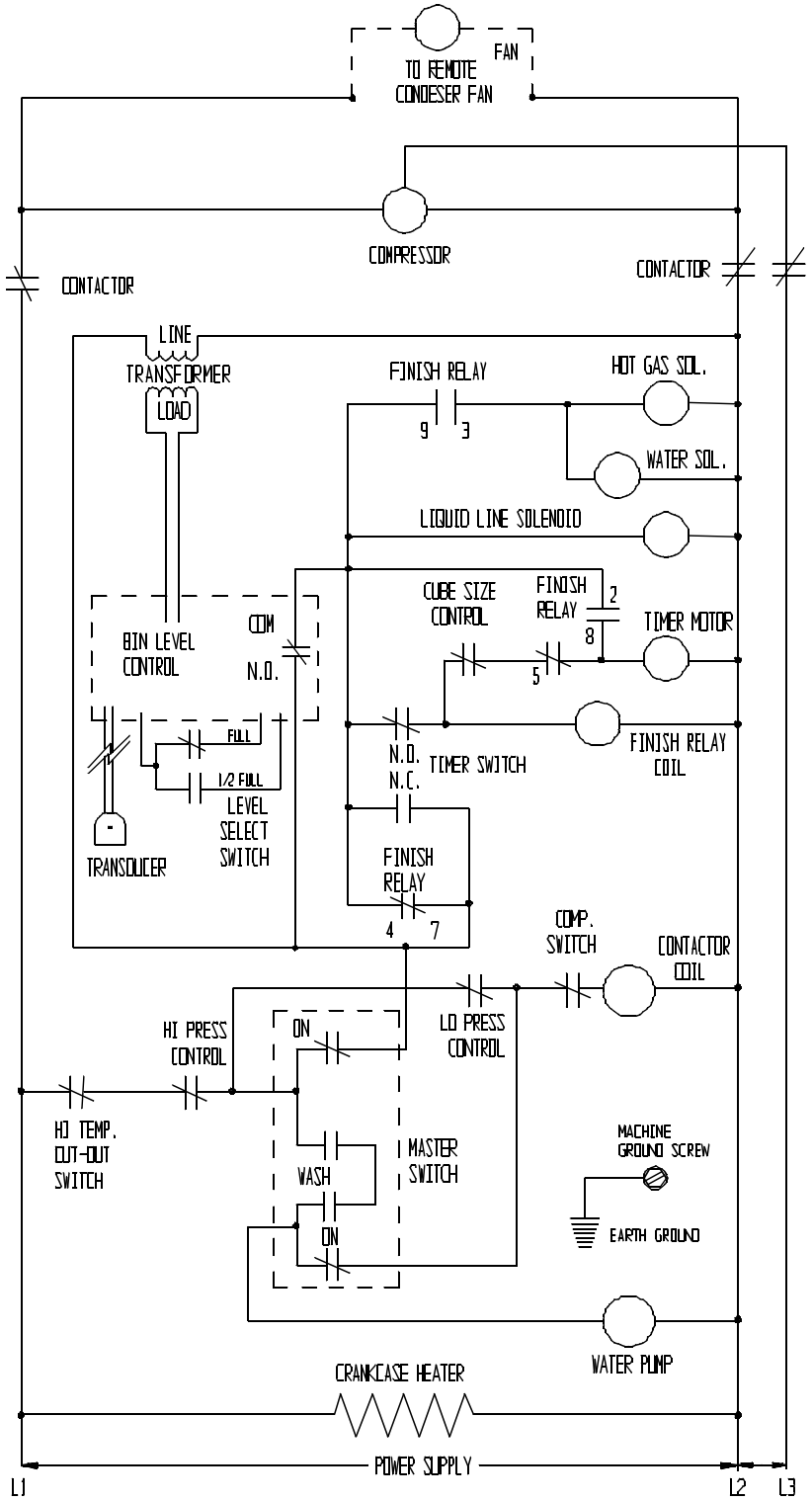


CME1202R & CME1402R SERVICE PARTS

3 Phase Schematic Diagram

NOTE:

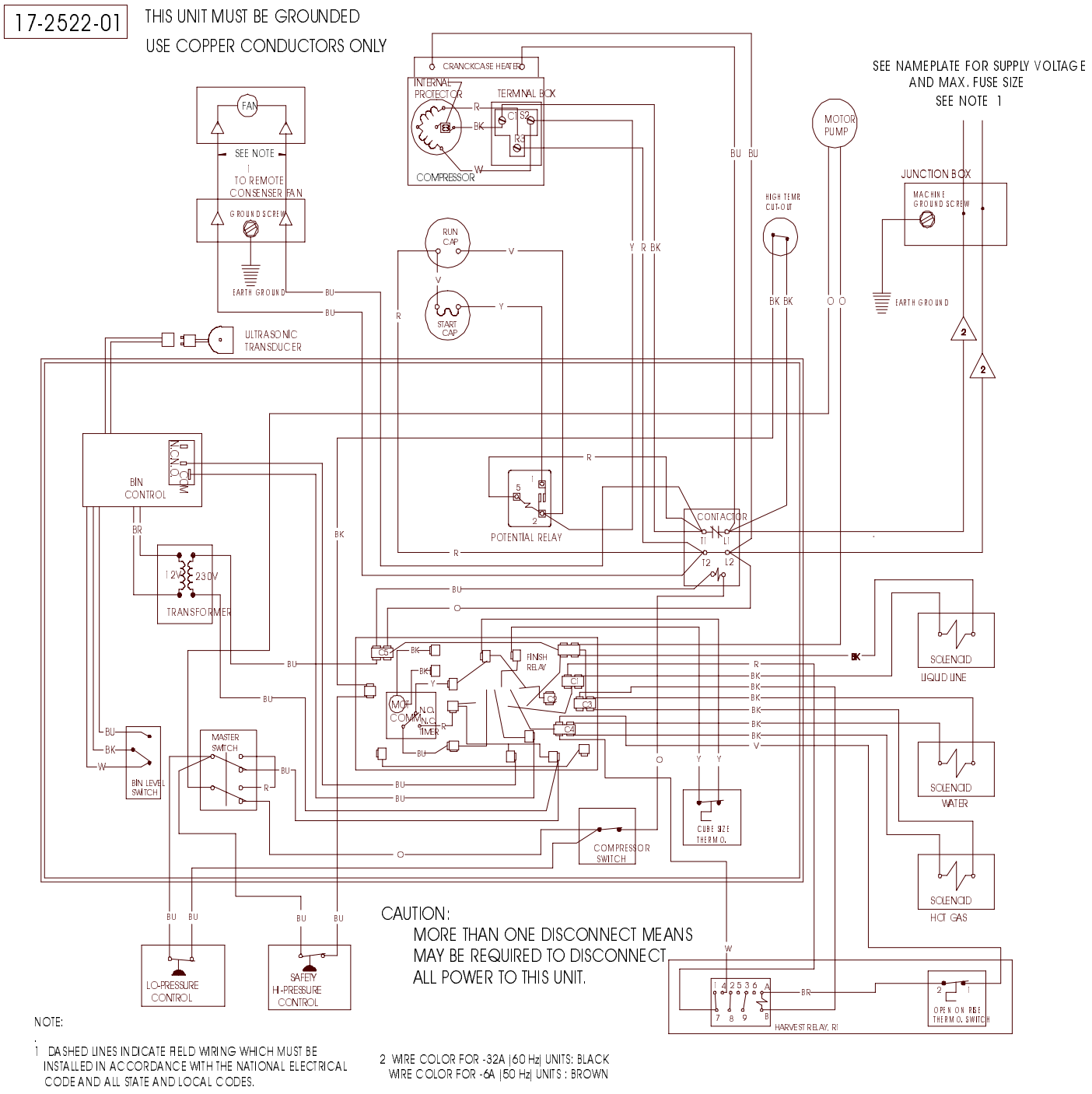
⚠ DASHED LINES INDICATE FIELD WIRING WHICH MUST BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND ALL STATE AND LOCAL CODES.



THIS UNIT SHOWN IN THE TIMED PORTION OF THE FREEZING CYCLE

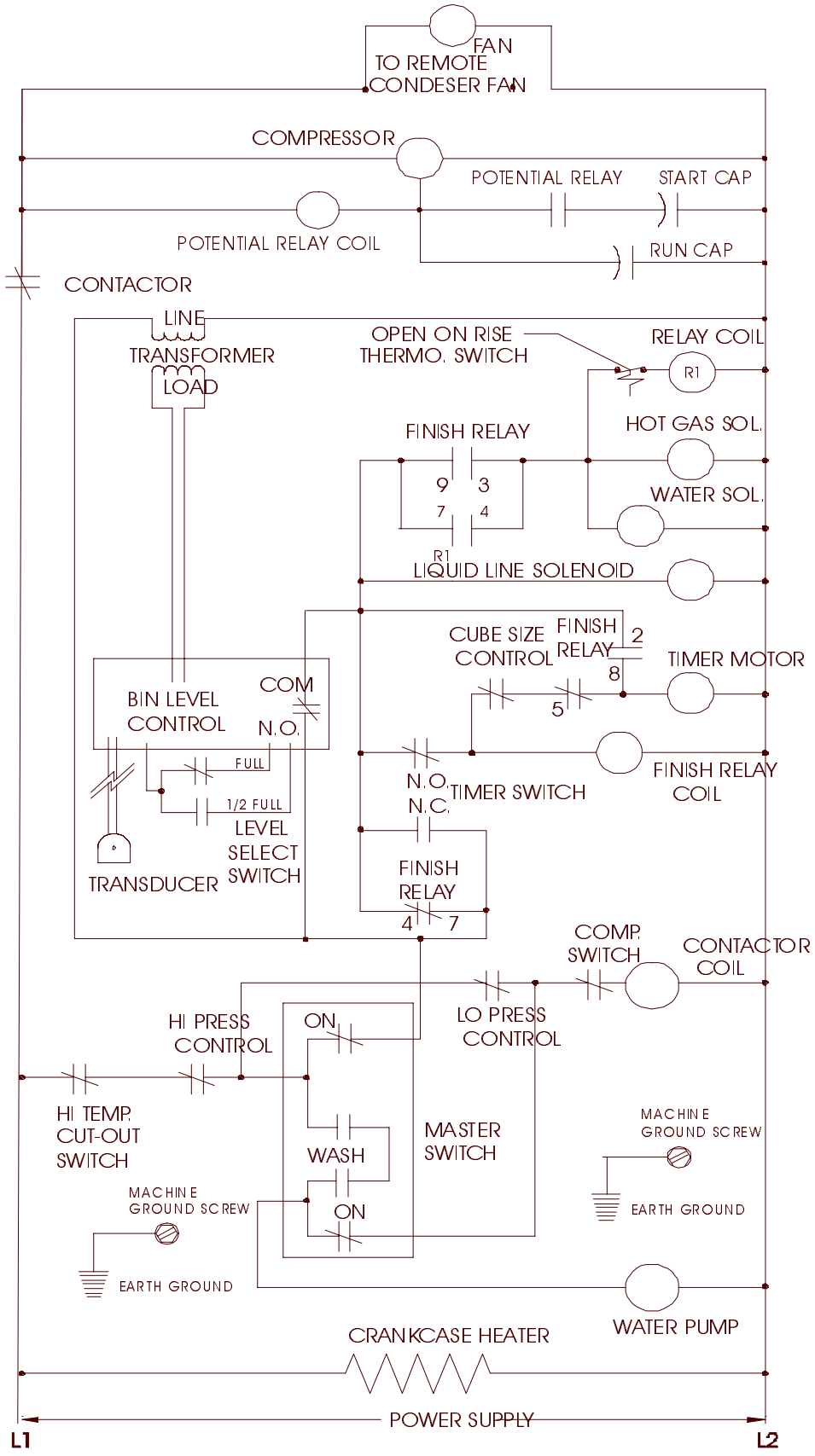
CME1202R & CME1402R SERVICE PARTS

Single phase Wiring Diagram May 1997 production and later



CME1202R & CME1402R SERVICE PARTS

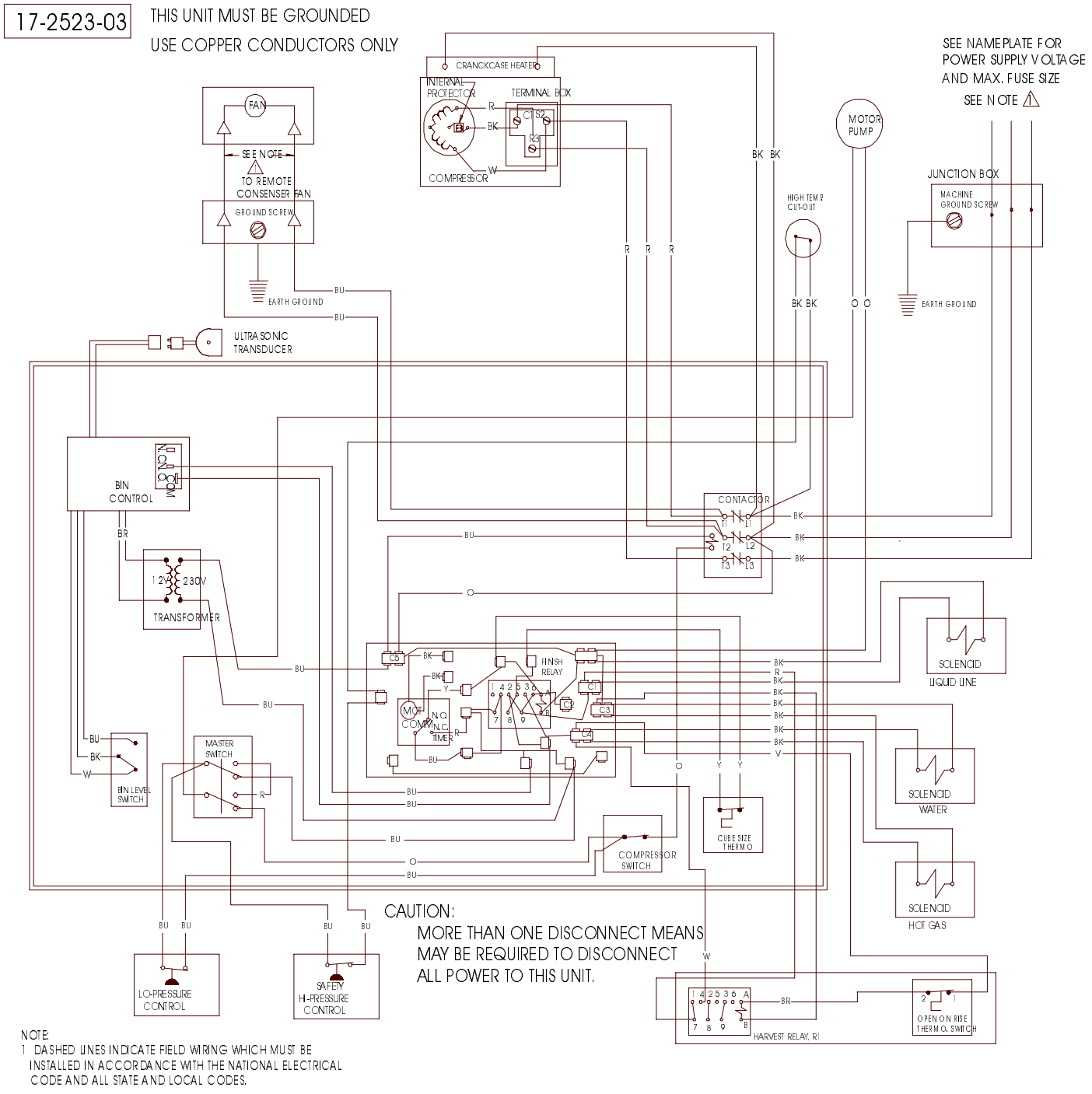
Single phase Schematic Diagram May 1997 production and later



THIS UNIT SHOWN IN THE TIMED PORTION
OF THE FREEZING CYCLE

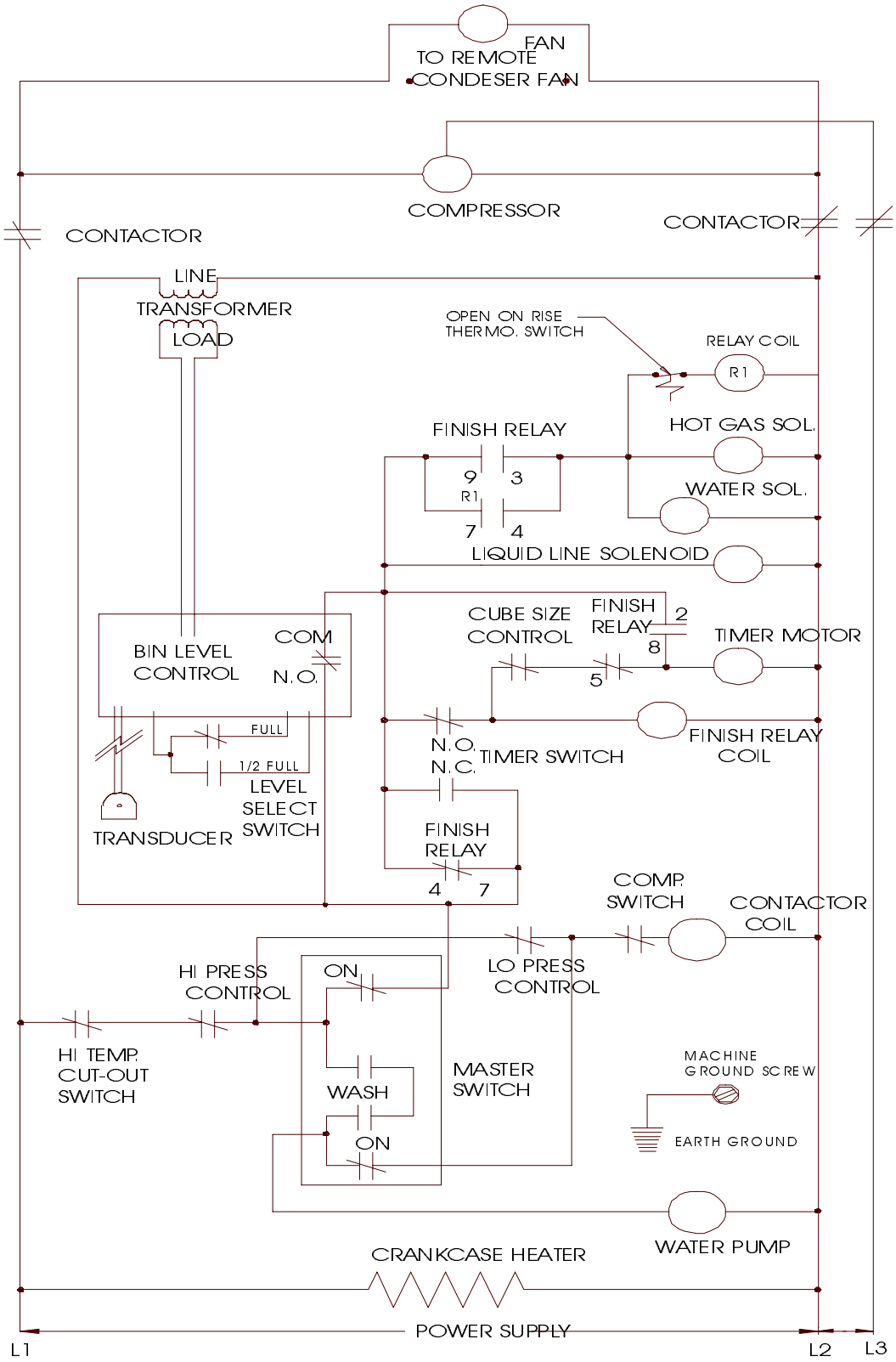
CME1202R & CME1402R SERVICE PARTS

3 phase Wiring Diagram May 1997 production and later



CME1202R & CME1402R SERVICE PARTS

3 phase Schematic Diagram May 1997 production and later



THIS UNIT SHOWN IN THE TIMED PORTION
OF THE FREEZING CYCLE

SCOTSMAN®

Bulletin Number: PS - 5 - 97
Bulletin Date: April 1997

SERVICE BULLETIN

Subject: CME1202 and CME1402 control circuit enhancement.

Beginning with May 1997 production (-11N), a thermostat and relay will have been added to all versions of the above two models. The benefit of this enhancement is that it greatly reduces the impact of ambient temperature changes - machines with this circuit will automatically adjust the harvest cycle length as needed to release all ice.

The thermostat and relay form the working components of a new circuit that, under certain low temperature conditions, by-passes the timer during the harvest cycle. The the timer still operates as it has, except when the low temperature conditions are present.

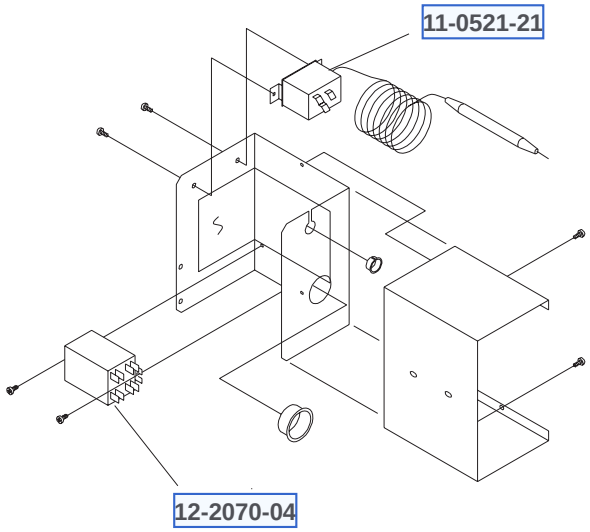
There is a kit available to add this part to any prior CME1202, CME1402, CMS1202 or CMS1402. The part number is: **A37281-020.**

How it works (refer to schematic diagram on the back):

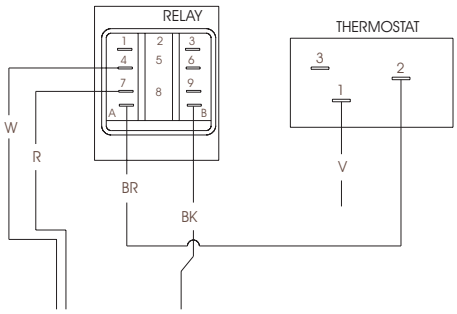
When the unit is harvesting under low temperatures, the thermostat, sensing the inlet tube of the accumulator, will be closed. This connects power to the relay coil, which then closes contacts 7-4, which parallel and by-pass the plug-in finish relay contacts 9-3. When this happens the timer motor will stop at the end of its normal harvest time but the machine continues to harvest until the suction line temperature warms up and the thermostat opens, cutting power to the relay coil and breaking the by-pass circuit. In effect, this means that the timer always determines the MINIMUM harvest time, and, when conditions are cold, the new control circuit determines the MAXIMUM harvest time, which will vary as needed.

Under normal conditions the new circuit does not affect the machine at all.

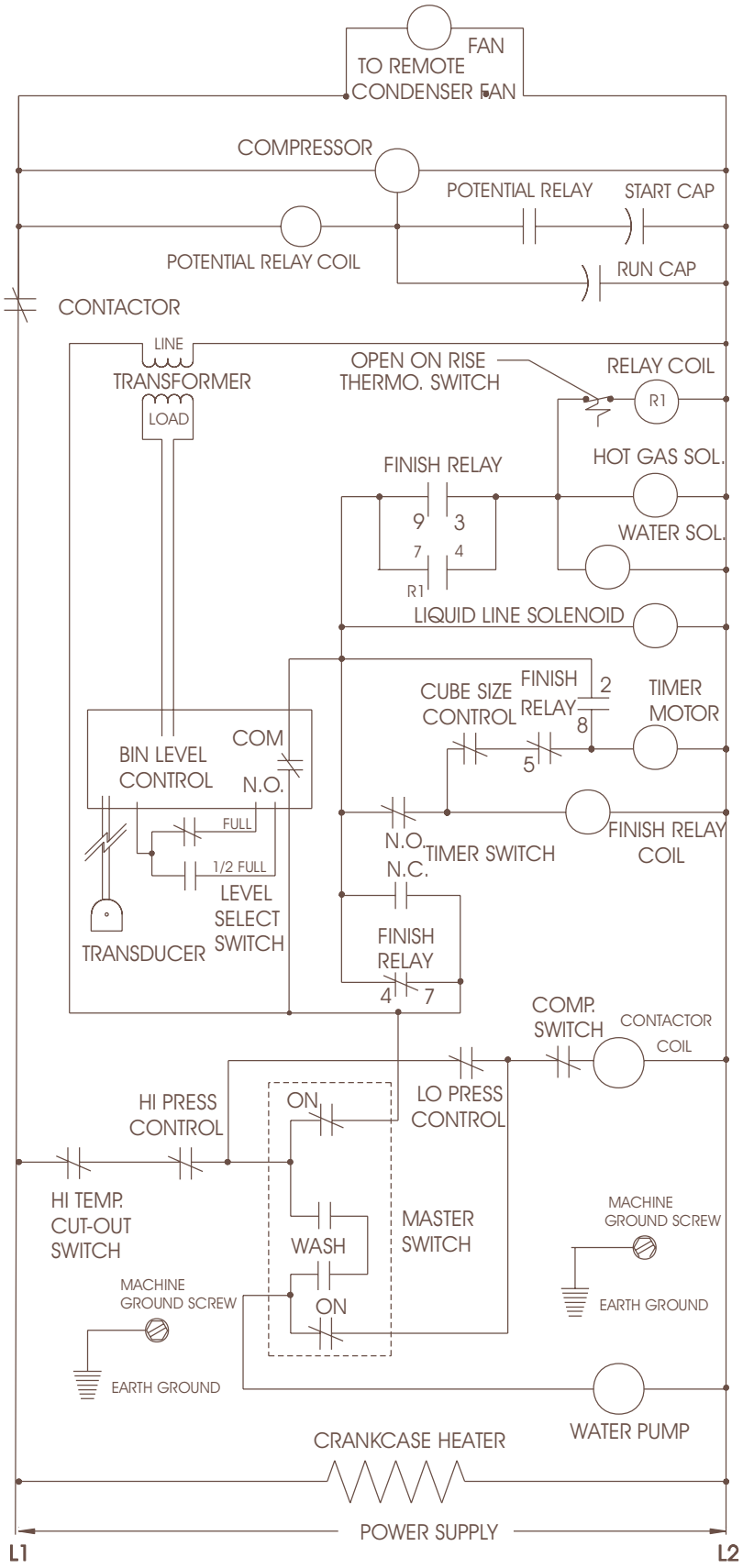
Two service parts are available: The thermostat, its part number is: 11-0521-21 and it includes the clamps and screws needed to attach it to the suction line. The relay part number is 12-2070-04.



Kit Wiring Detail



A schematic diagram of a single phase remote is on the back of this bulletin. Three phase will be similar.



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OF THE FREEZING CYCLE