

CME1356 and CME1656 Service Parts

This parts list contains the part numbers and description of the replacement parts available for these two models.

They have been manufactured in both 50 Hz and 60 Hz models, plus there have been model series changes from A to C to D to E to F to H.

To avoid costly and time consuming errors, double check the model and voltage before ordering a part.

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Cabinet

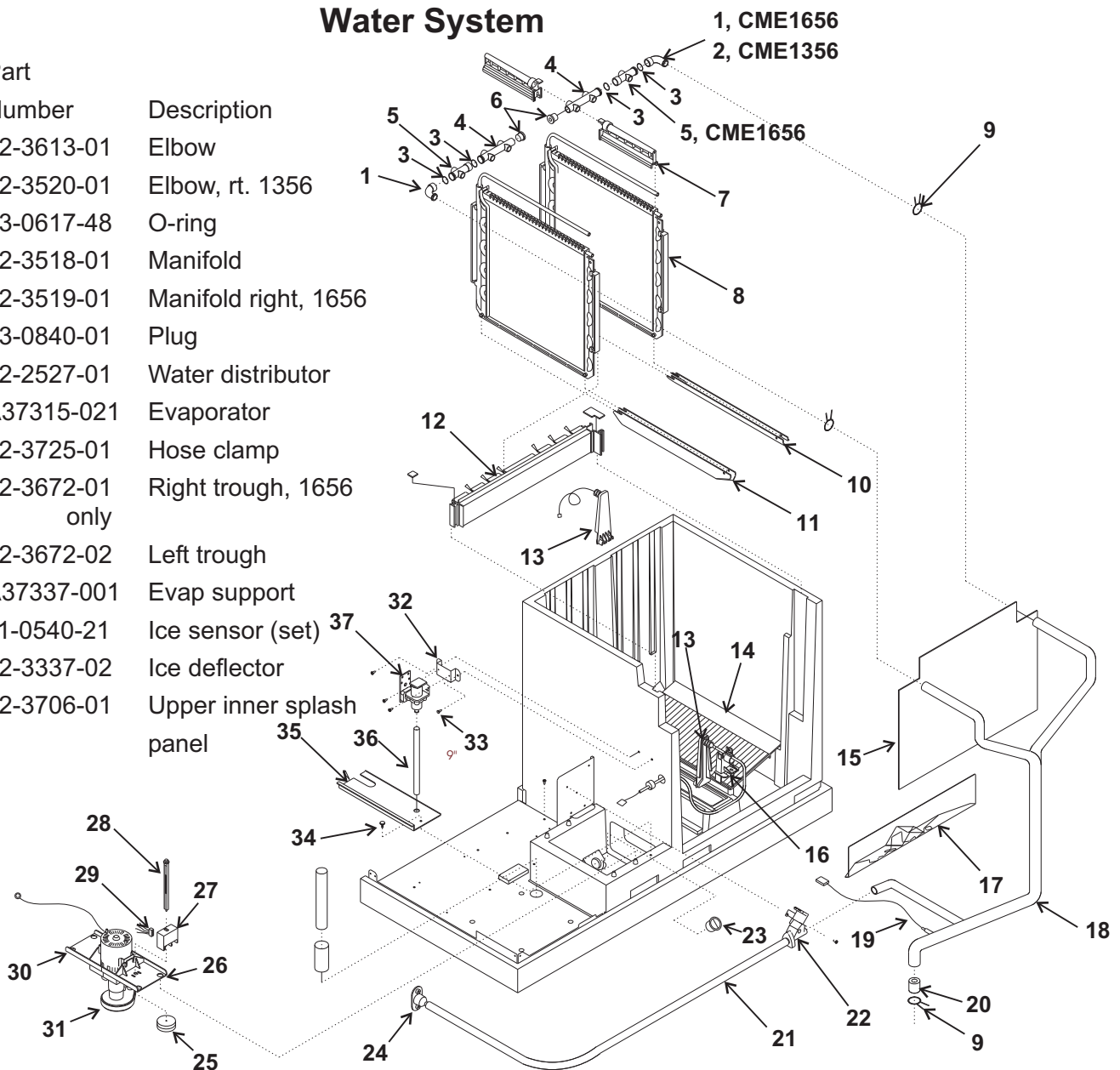


April 2009
Page 2

CME1356 and CME1656 Service Parts

Water System

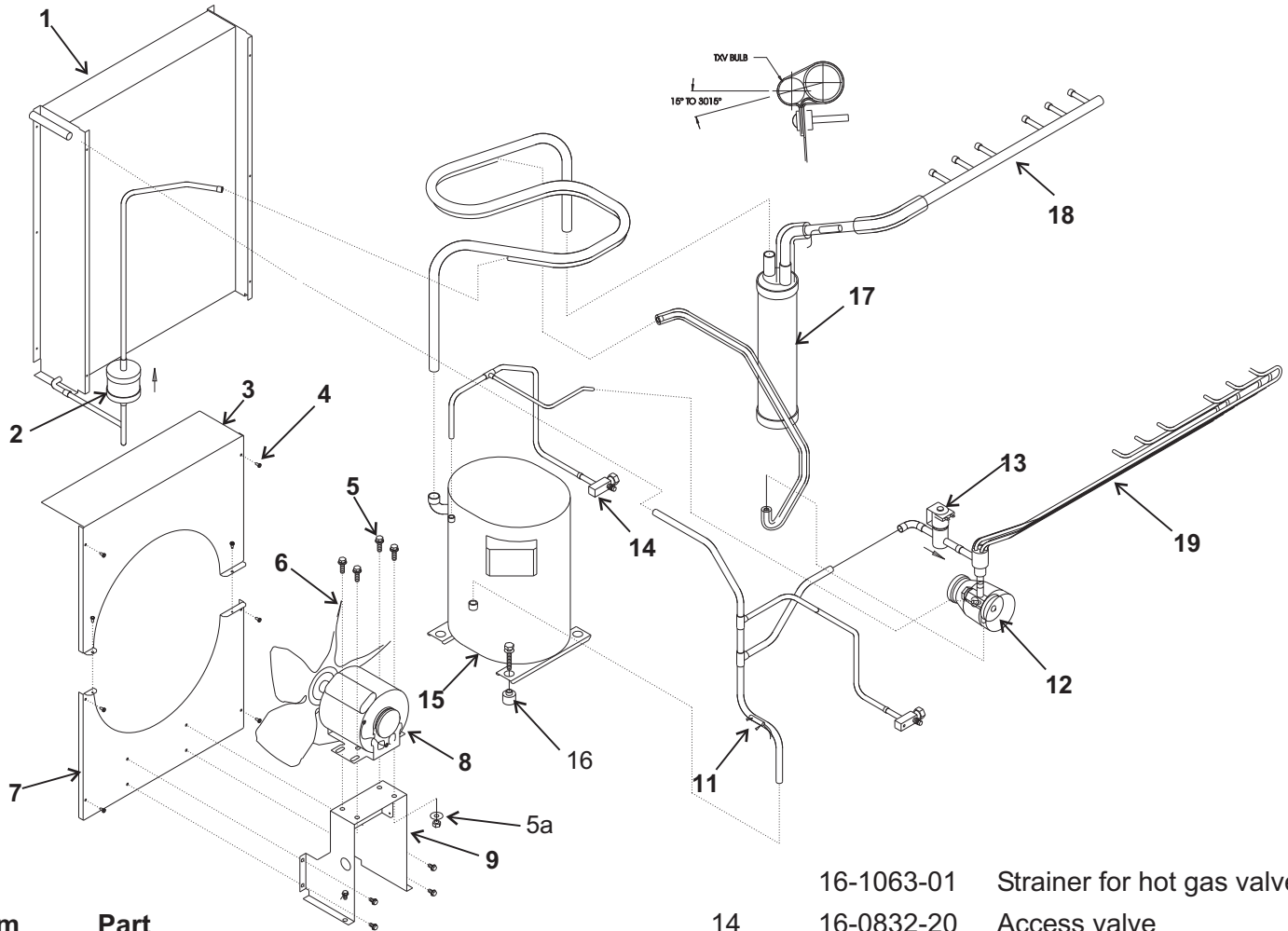
Item Number	Part Number	Description
1	02-3613-01	Elbow
2	02-3520-01	Elbow, rt. 1356
3	13-0617-48	O-ring
4	02-3518-01	Manifold
5	02-3519-01	Manifold right, 1656
6	13-0840-01	Plug
7	02-2527-01	Water distributor
8	A37315-021	Evaporator
9	02-3725-01	Hose clamp
10	02-3672-01	Right trough, 1656 only
11	02-3672-02	Left trough
12	A37337-001	Evap support
13	11-0540-21	Ice sensor (set)
14	02-3337-02	Ice deflector
15	02-3706-01	Upper inner splash panel



16	02-3689-01	Ice sensor holder	26	02-3388-04	Pump bracket
17	02-3680-01	Lower inner splash panel	27	11-0539-51	Water level sensor
18	02-3660-02	CME1356 water hose	28	02-3383-04	Float stem, tan for 1356
	02-3660-01	CME1656 water hose		02-3383-05	Float stem, brown for 1656
19	11-0515-21	Temp sensor set	29	12-2665-01	Harness for water sensor
20	02-3614-01	Flow restrictor, 1356 only no longer used	30	02-3388-05	Pump bracket
21	13-0674-06	Drain hose, order 2 units	31	12-2582-21	Water pump
22	11-0514-01	Purge valve	32	A37204-001	Bracket
	11-0514-21	Coil only	33	03-1404-18	Screw
23	02-3703-01	Drain plug	34	03-1691-01	Nylon screw
24	02-3692-21	Drain fitting	35	02-3534-01	Reservoir cover
25	02-3341-01	Float	36	13-0674-02	Tube, order 1 unit
			37	12-2666-01	Inlet water valve
				16-0355-00	Coupling

CME1356 and CME1656 Service Parts

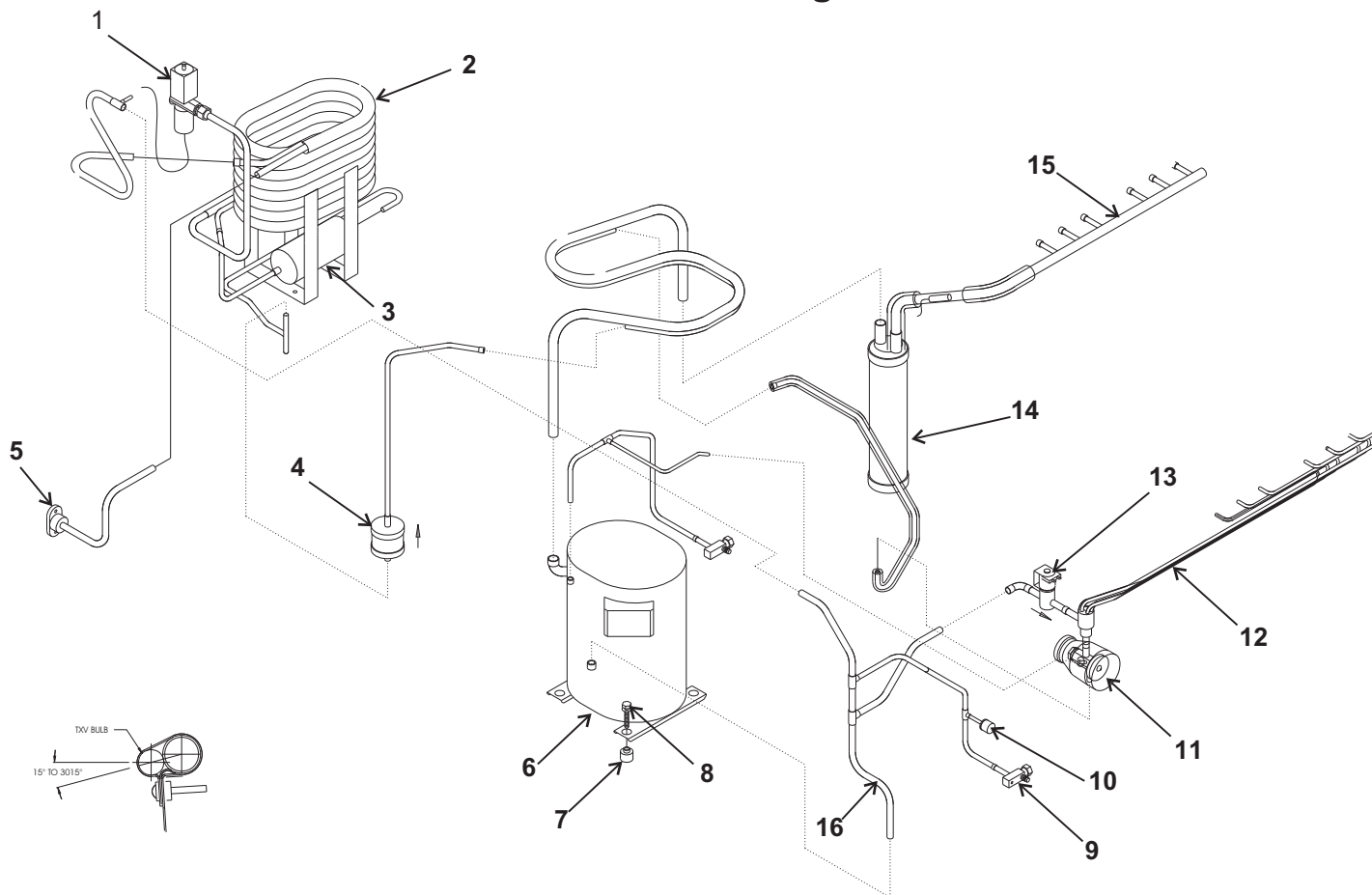
Air Cooled Refrigeration



Item Number	Part Number	Description
1	18-8817-01	Air cooled condenser
2	02-3319-02	Filter dryer
3	A37205-001	Top fan shroud
4	03-1531-01	Screw
5	03-1251-01	Hex cap screw
5a	03-1406-10	Nut
6	18-8765-01	Fan blade
7	A37206-001	Bottom fan shroud
8	18-8818-01	Fan motor
9	A37207-001	Fan bracket
10	03-1645-01	Screw
11	11-0515-21	Temp sensor set
12	16-1066-21	TXV, ANE1 ¼ SZ
	02-3396-01	Insulation for TXV
13	11-0507-01	Hot gas valve, 1356
	11-0507-02	Hot gas valve, 1656
	12-2719-23	Coil for hot gas valve
14	16-1063-01	Strainer for hot gas valve
	16-0832-20	Access valve
	16-0832-03	Port cap
	16-0832-02	Stem cap
15	18-8751-23	Compressor, 60 Hz, single phase
	18-8751-29	Compressor, 60 Hz, 3 phase
	18-8751-27	Compressor, 50 Hz, single phase
16	18-2300-27	Grommet
	18-2200-27	Sleeve
	03-1405-20	Bolt
	03-1407-07	Washer
17	16-1031-21	Accumulator
18	16-1032-02	Suction manifold, 1656
	16-1032-01	Suction manifold, 1356
19	A37312-021	Distributor and tubes, 1356
	A37312-022	Distributor and tubes, 1656

CME1356 and CME1656 Service Parts

Water Cooled Refrigeration



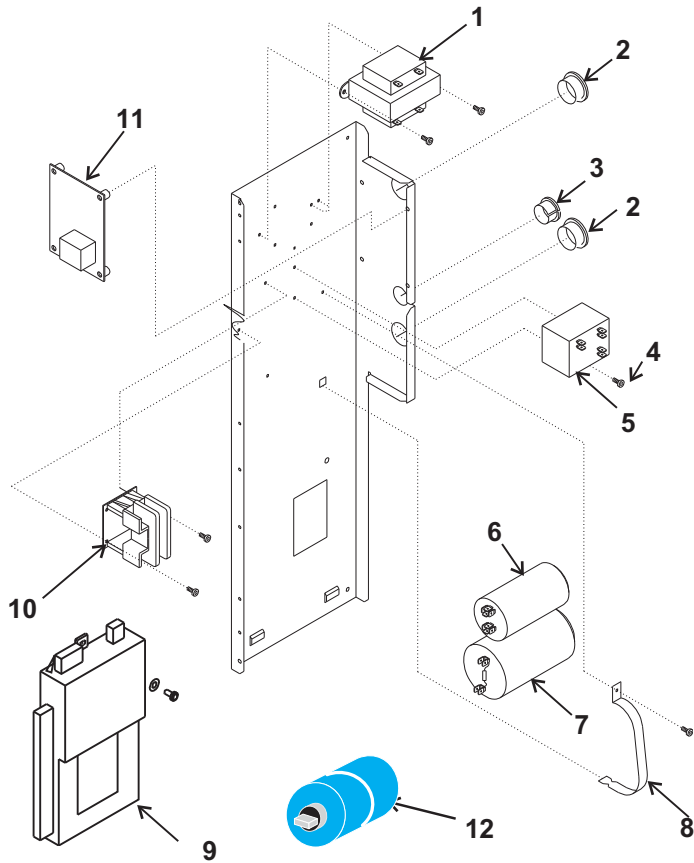
Item Number	Part Number	Description	Item Number	Part Number	Description
1	11-0608-21	Water regulating valve	9	16-0832-20	Access valve
2	18-8767-25	A - E series water cooled condenser		16-0832-03	Port cap
	18-8865-21	F & higher series water cooled condenser		16-0832-02	Stem cap
3	02-2628-02	Receiver	10	11-0501-21	Hi pressure cut out
4	02-3319-02	Filter dryer	11	16-1066-21	TXV, ANE1 ¼ SZ
5	A31828-003	Adapter		02-3396-01	Insulation for TXV
6	Compressors:		12	A37312-021	Distributor and tubes, 1356
	18-8751-23	60 Hz, single phase		A37312-022	Distributor and tubes, 1656
	18-8751-29	60 Hz, 3 phase	13	11-0507-01	Hot gas valve, 1356
	18-8751-27	50 Hz, single phase		11-0507-22	Hot gas valve, 1656
7	18-2300-27	Grommet		16-1063-01	Strainer for hot gas valve
	18-2200-27	Sleeve		12-2719-23	Coil for hot gas valve
8	03-1405-20	Bolt	14	16-1031-21	Accumulator
	03-1407-07	Washer	15	16-1032-02	Suction manifold, 1656
				16-1032-01	Suction manifold, 1356
			16	11-0515-21	Temp sensor set

CME1356 and CME1656 Service Parts

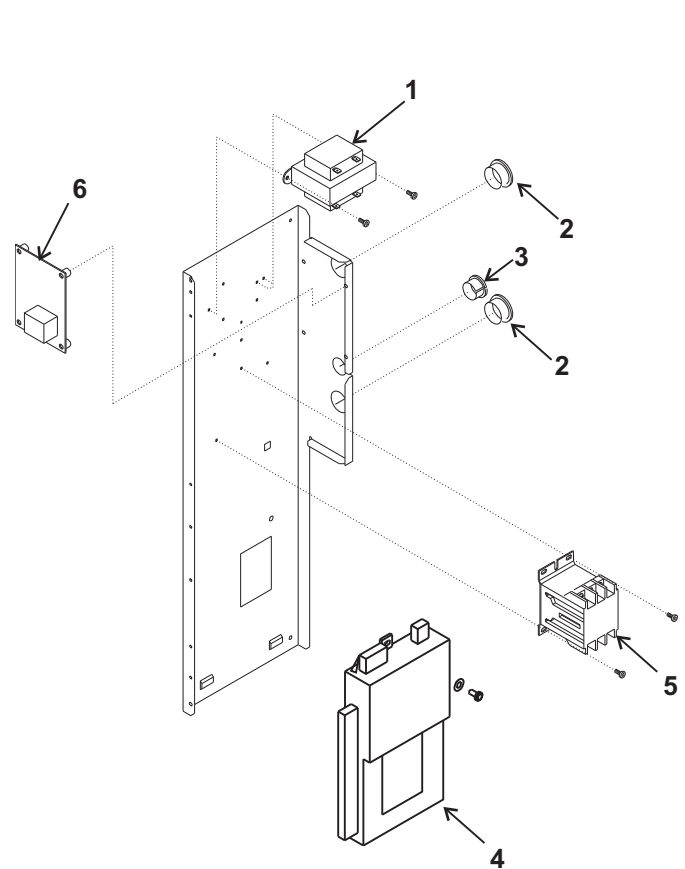
Electrical



Single Phase



Three Phase



Single Phase

Item Number	Part Number	Description
1	A37217-001	Transformer
2	12-1213-11	Snap bushing
3	12-1213-10	Snap bushing
4	03-1531-01	Screw
5	18-1903-46	60 Hz potential relay
	18-1903-56	50 Hz potential relay
6	18-1902-56	Run capacitor
7	18-1901-27	60 Hz start capacitor
	18-1901-57	50 Hz start capacitor
8	A37125-001	Strap
9	12-2838-24	Controller Kit
10	12-2469-01	Single phase contactor
11	11-0531-22	Purge valve timer
12	18-8840-01	PTCR
12a	18-8840-02	PTCR Bracket

Three Phase

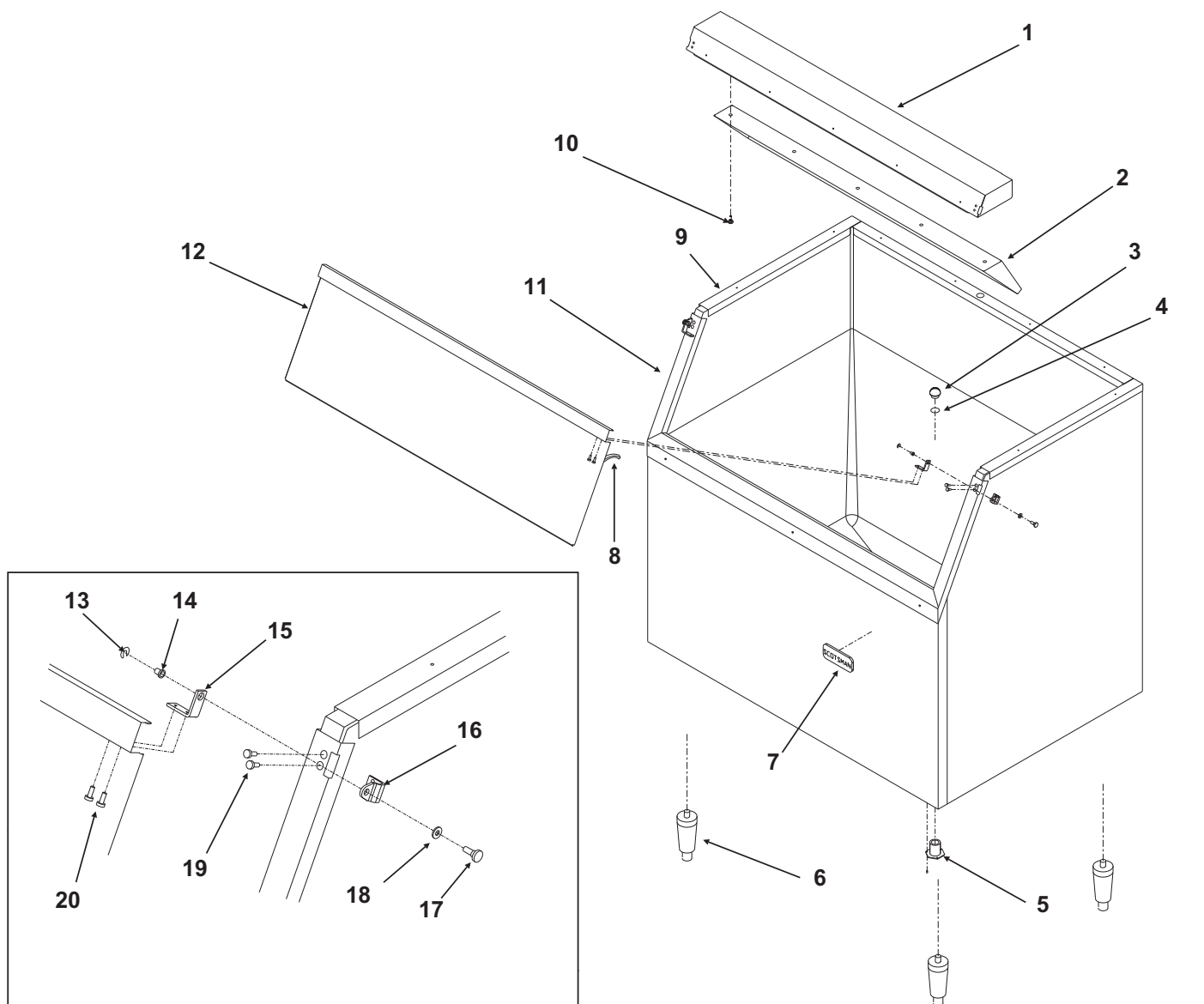
Item Number	Part Number	Description
1	A37217-001	Transformer
2	12-1213-11	Snap bushing
3	12-1213-10	Snap bushing
4	12-2838-24	Controller
5	12-2533-01	Three phase contactor
6	11-0531-22	Purge valve timer

Not Shown

11-0521-21	Bin thermostat
02-3740-01	Thermostat bracket
03-1675-03	3 pronged knob
12-2701-01	Bin thermo harness
12-2663-01	Lo voltage harness, A-C
12-2659-01	Hi voltage harness, A-C
12-2679-01	Relay, -6 B thru H
12-2686-01	Fuse, -6 B thru H
12-2639-02	Transformer, -6 B, thru H
12-2798-01	Hi volt harness, -6 B thru H
12-2738-01	Lo volt harness, -6 B thru C
12-2792-01	Lo volt harness, -6 D thru H
D thru H series:	
12-2791-01	Lo voltage harness, 60 Hz
12-2796-01	Hi voltage harness, 60 Hz

CME1356 and CME1656 Service Parts

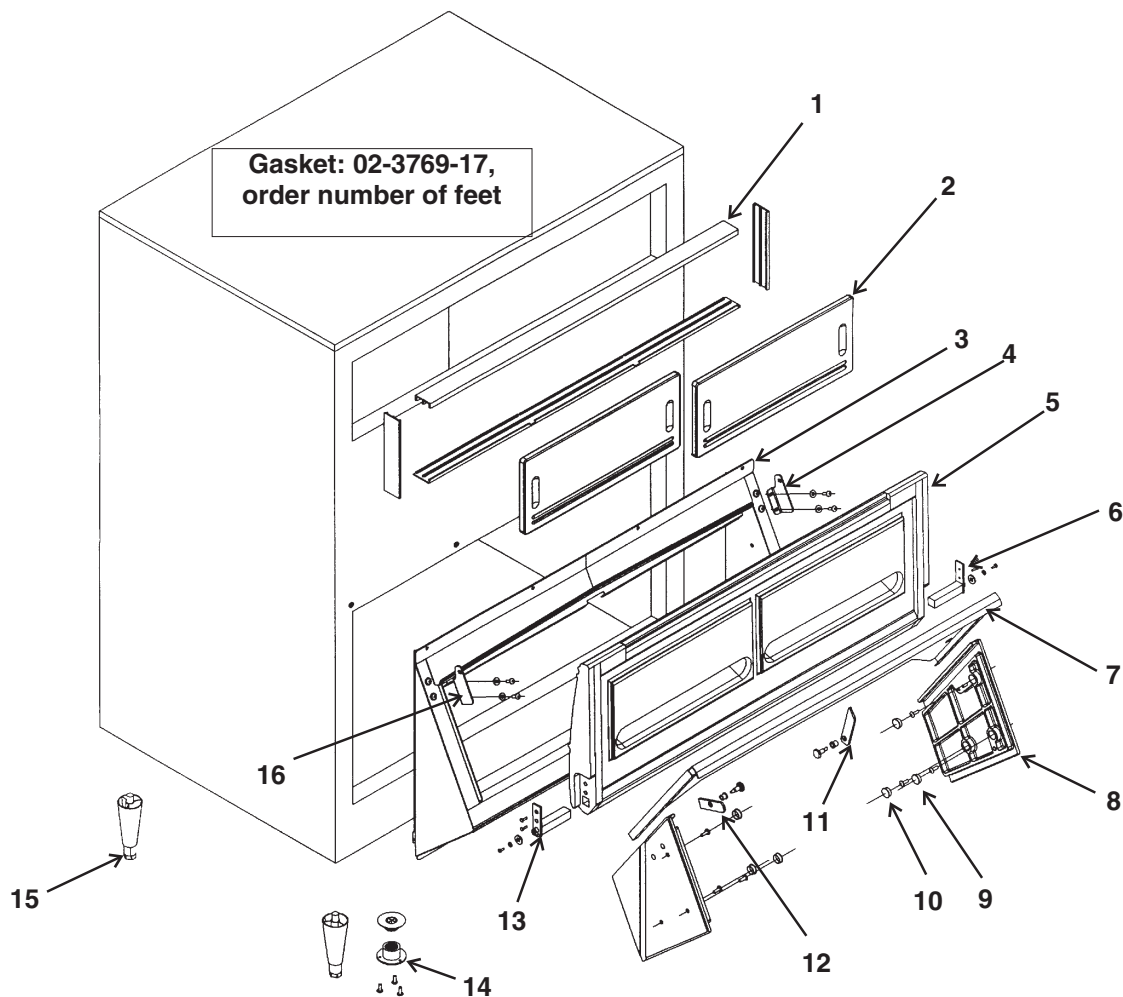
BH900 Ice Storage Bin



ITEM	PARTS		
NUMBER	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		
7	15-0808-01	Emblem	
8	13-0595-00	Door gasket(order qty 7)	
9	19-0503-04	Bin gasket (order by foot)	
10	03-0727-11	Baffle screw	
11	A35275-001	Door frame assy. except C	
	A37641-021	C series door frame	
12	A35323-020	Door with gasket - BH900	
13	03-1539-09	"E" ring	
14	02-2380-01	Hinge bushing	
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	

CME1356 and CME1656 Service Parts

BH1356 Ice Storage Bin

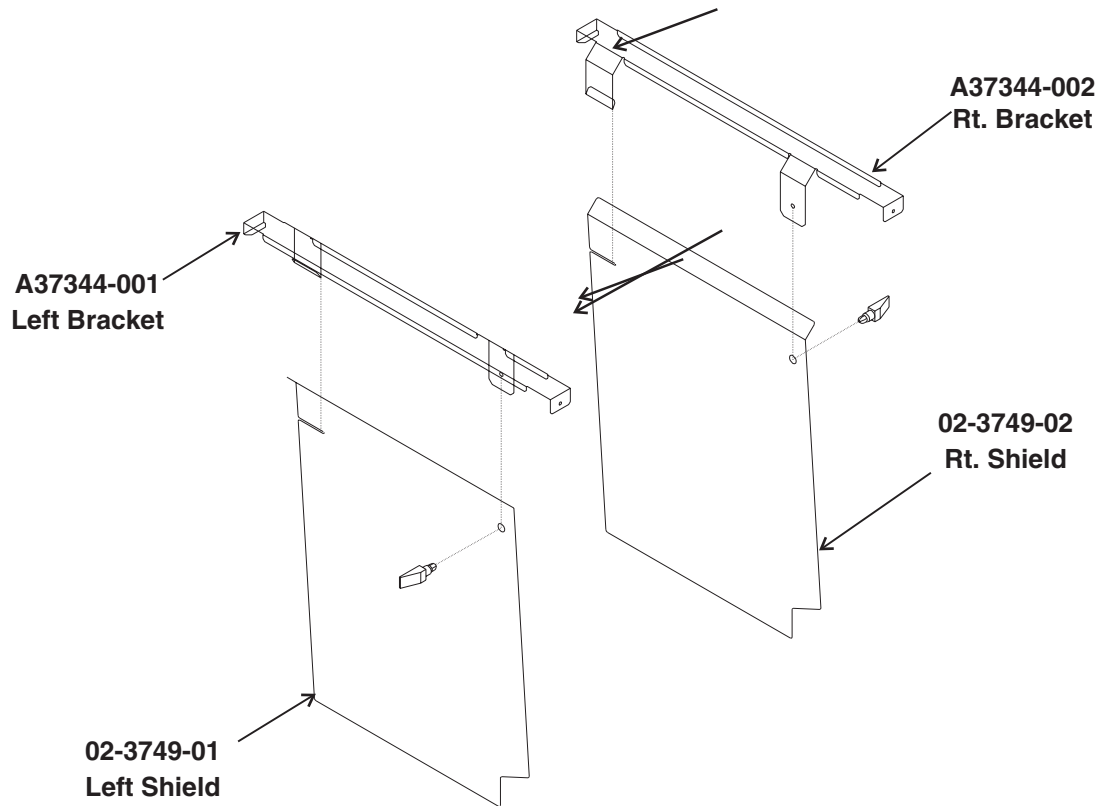


Item Number	Part Number	Description
1	02-3769-02	Track
2	02-3769-16	Window
3	02-3769-04	Lower frame assembly
4	02-3769-08	Left and right hinges
5	02-3769-05	Door with door hinges
6	02-3769-07	Right hinge
7	02-3769-09	Ice gate
8	02-3769-12	End plate guide (pair)
9	02-3769-13	Screws for end plate
10	02-3769-14	Plugs for end plate
11	02-3769-10	Catch for ice gate
12	02-3769-15	Ice gate retainer
13	02-3769-06	Left hinge
14	02-3769-01	Plastic drain
15	KLP2S	Legs

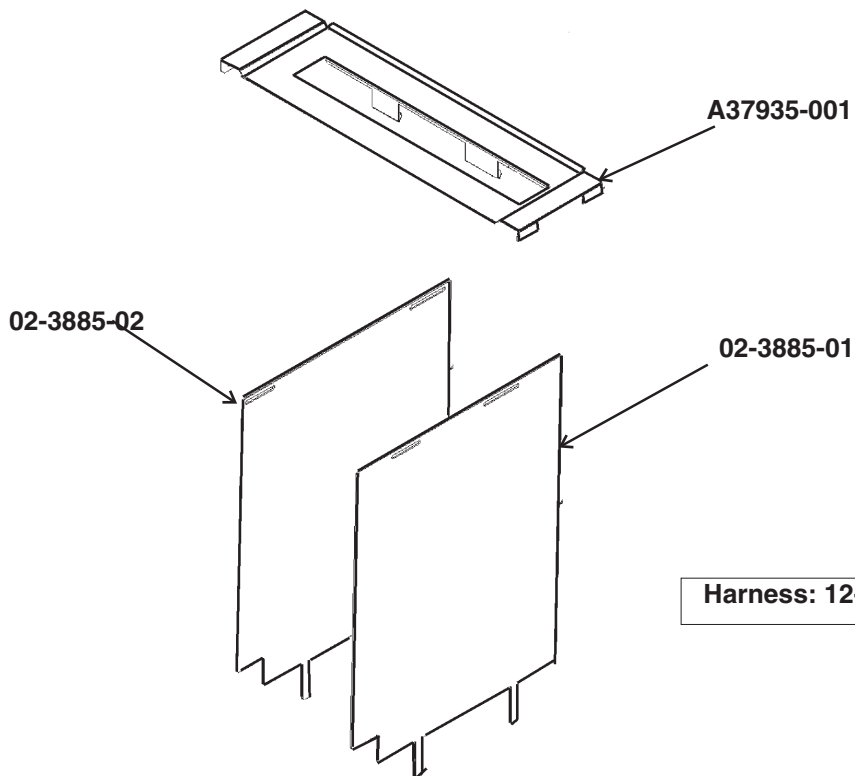
CME1356 and CME1656 Service Parts

Kit Parts

Stacking Kit - KSCME6-LG



Stacking Kit KSCME6-LG-B

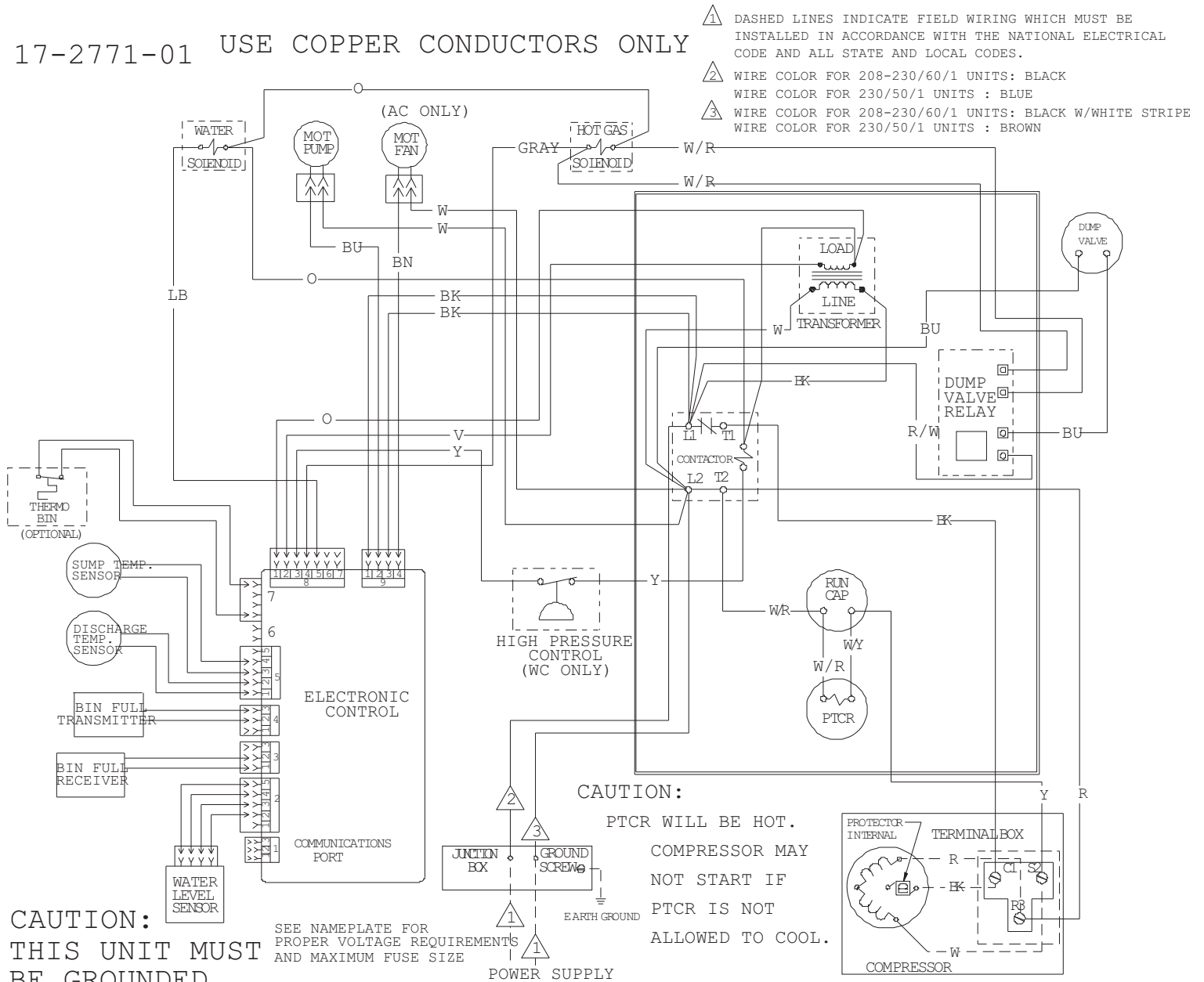


Harness: 12-2699-01

CME1356 and CME1656 Service Parts

Single Phase 60 Hz Wiring Diagram, D - H Series

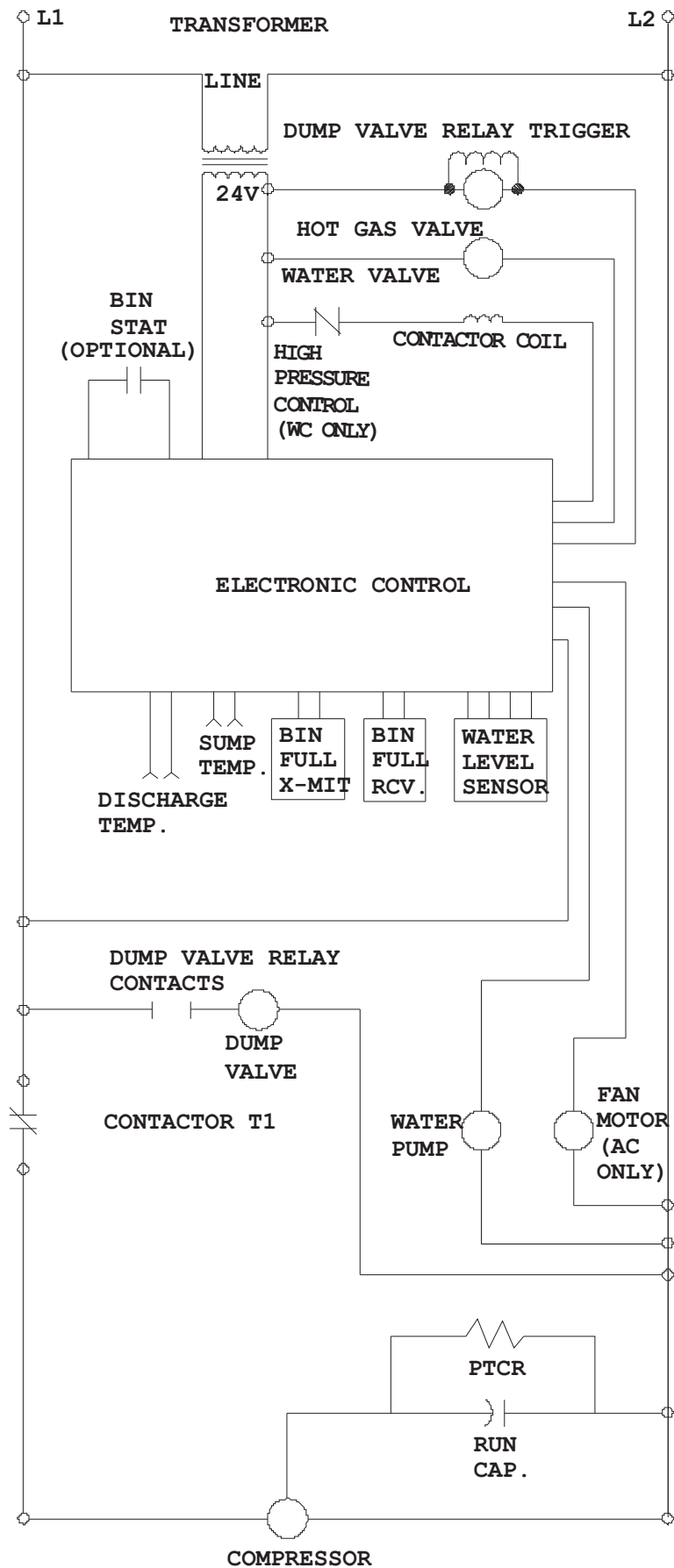
17-2771-01 USE COPPER CONDUCTORS ONLY



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

CME1356 and CME1656 Service Parts

Single Phase Schematic Diagram, D - H Series



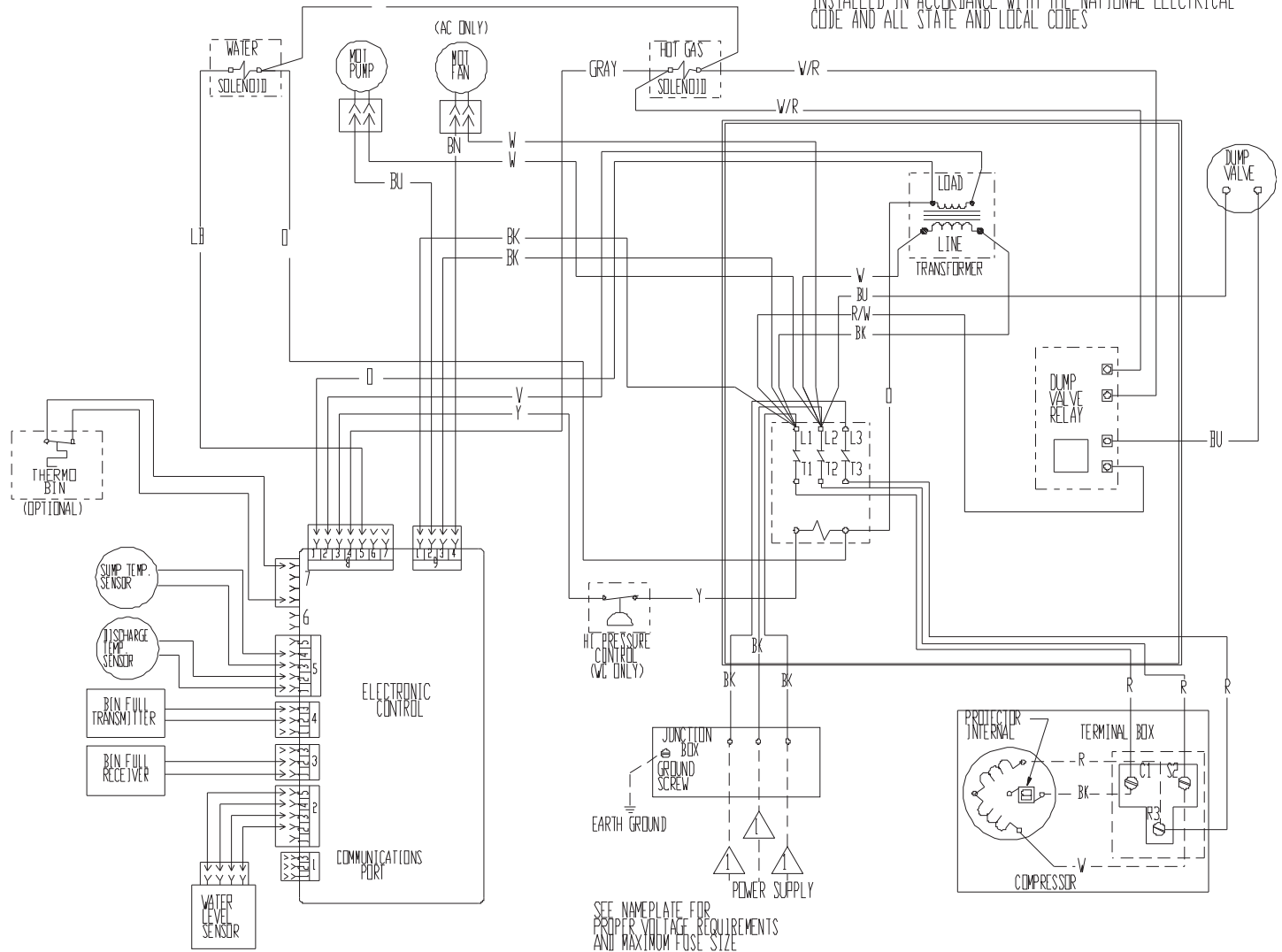
CME1356 and CME1656 Service Parts

Single Phase 60 Hz Wiring Diagram, D - H Series

17-2820-01

USE COPPER CONDUCTORS ONLY

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



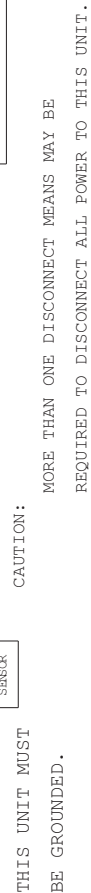
THIS UNIT MUST BE GROUNDED.

CAUTION:

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

17-2775-01

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



MORE THAN ONE DISCONNECT MEANS MAY BE

REQUIRED TO DISCONNECT ALL POWER TO THIS UNIT.

THIS UNIT MUST
BE GROUNDED.

BE GROUNDED.

① DASHED LINES INDICATE FIELD WIRING WHICH MUST BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND ALL STATE AND LOCAL CODES.

17-2776-01



CAUTION:

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

CME1356 and CME1656 Service Parts

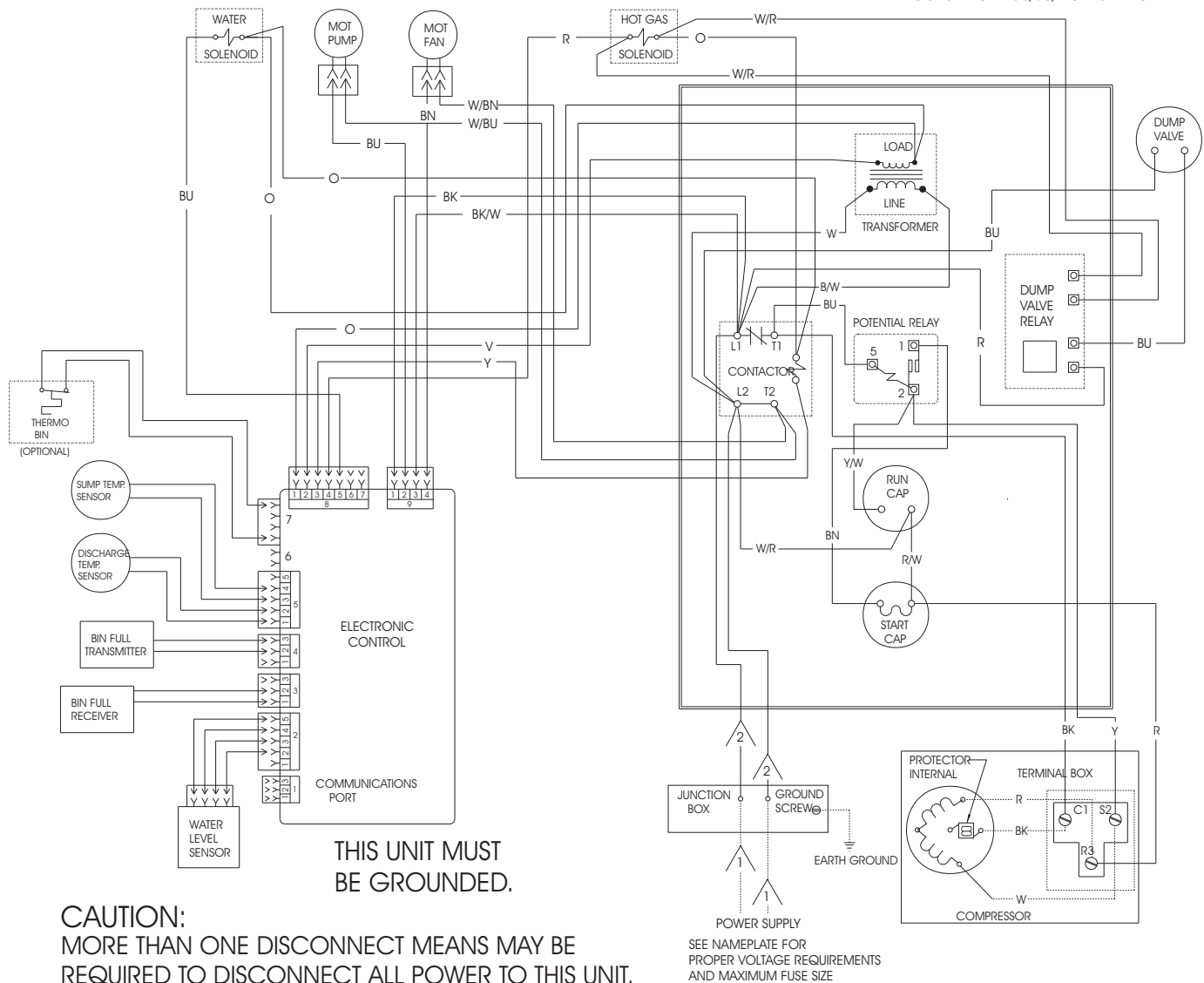
Single Phase 50 Hz Air Cooled Wiring Diagram, D - H Series

17-2502-01

USE COPPER CONDUCTORS ONLY

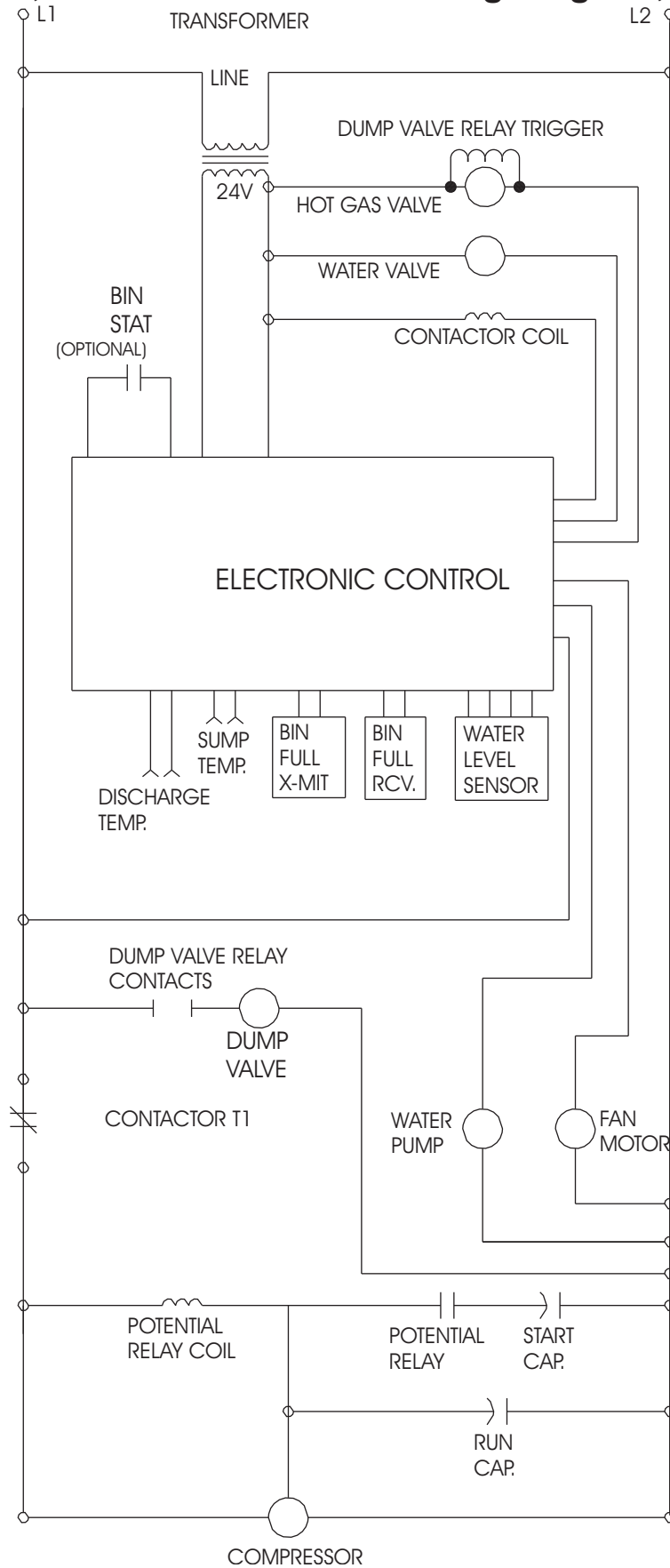
⚠ DASHED LINES INDICATE FIELD WIRING WHICH MUST BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND ALL STATE AND LOCAL CODES.

⚠ WIRE COLOR FOR 208-230/60/1 UNITS: BLACK
WIRE COLOR FOR 230/50/1 UNITS : BROWN



CME1356 and CME1656 Service Parts

Single Phase, 50 Hz Water Cooled Wiring Diagram, D - H Series

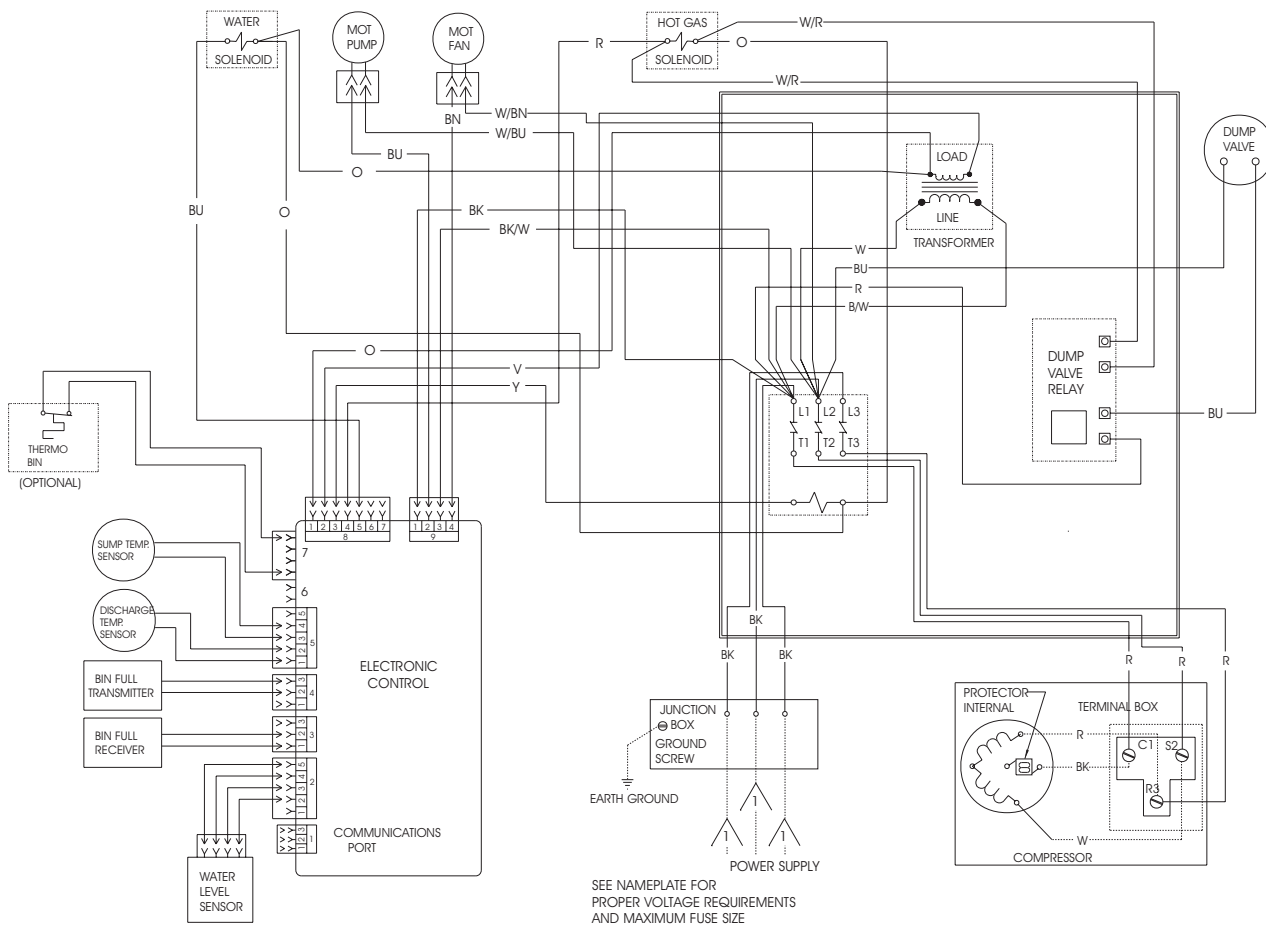


CME1356 and CME1656 Service Parts

Air Cooled Three Phase Wiring Diagram, A - C

17-2511-03

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

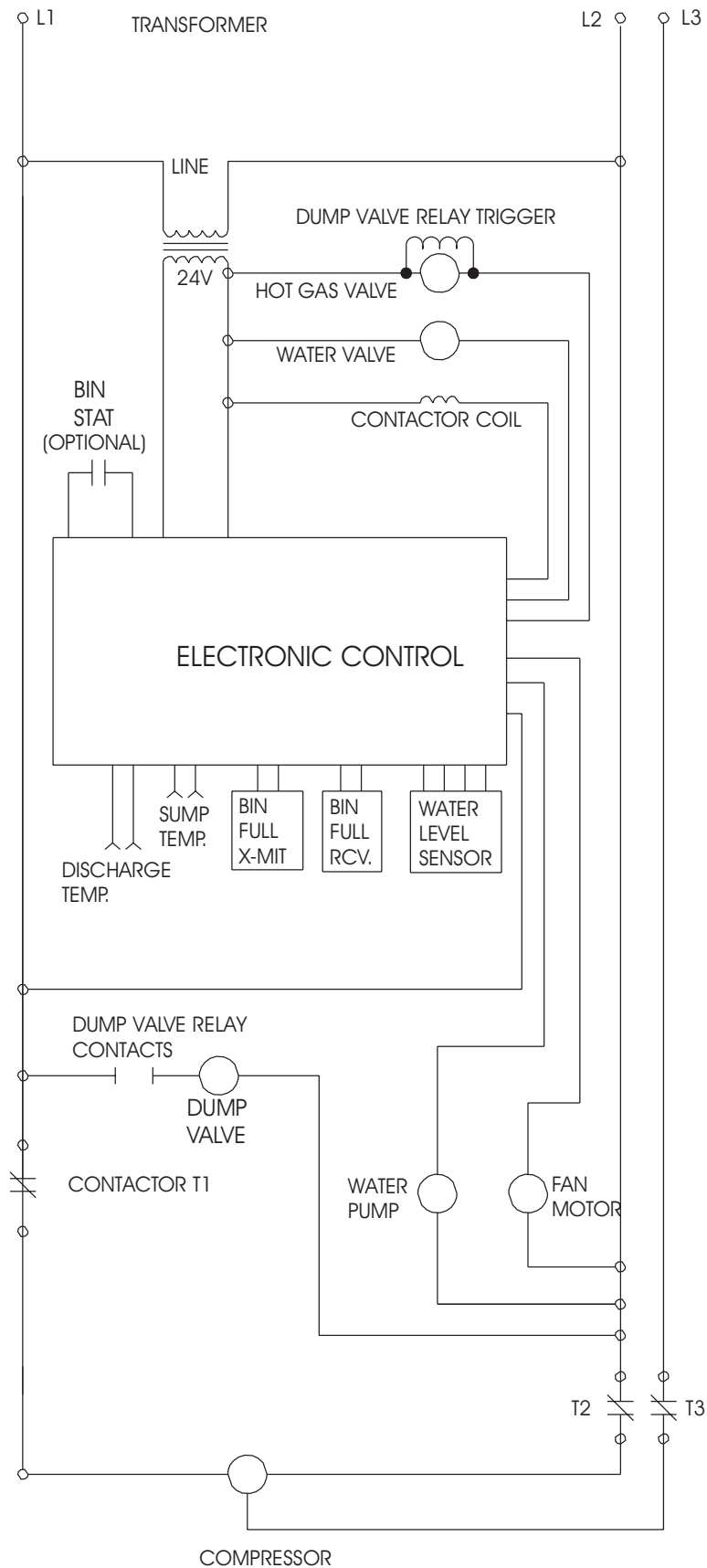


CAUTION:

THIS UNIT MUST
BE GROUNDED.

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

Air Cooled Three Phase Schematic Diagram



CME1356 and CME1656 Service Parts

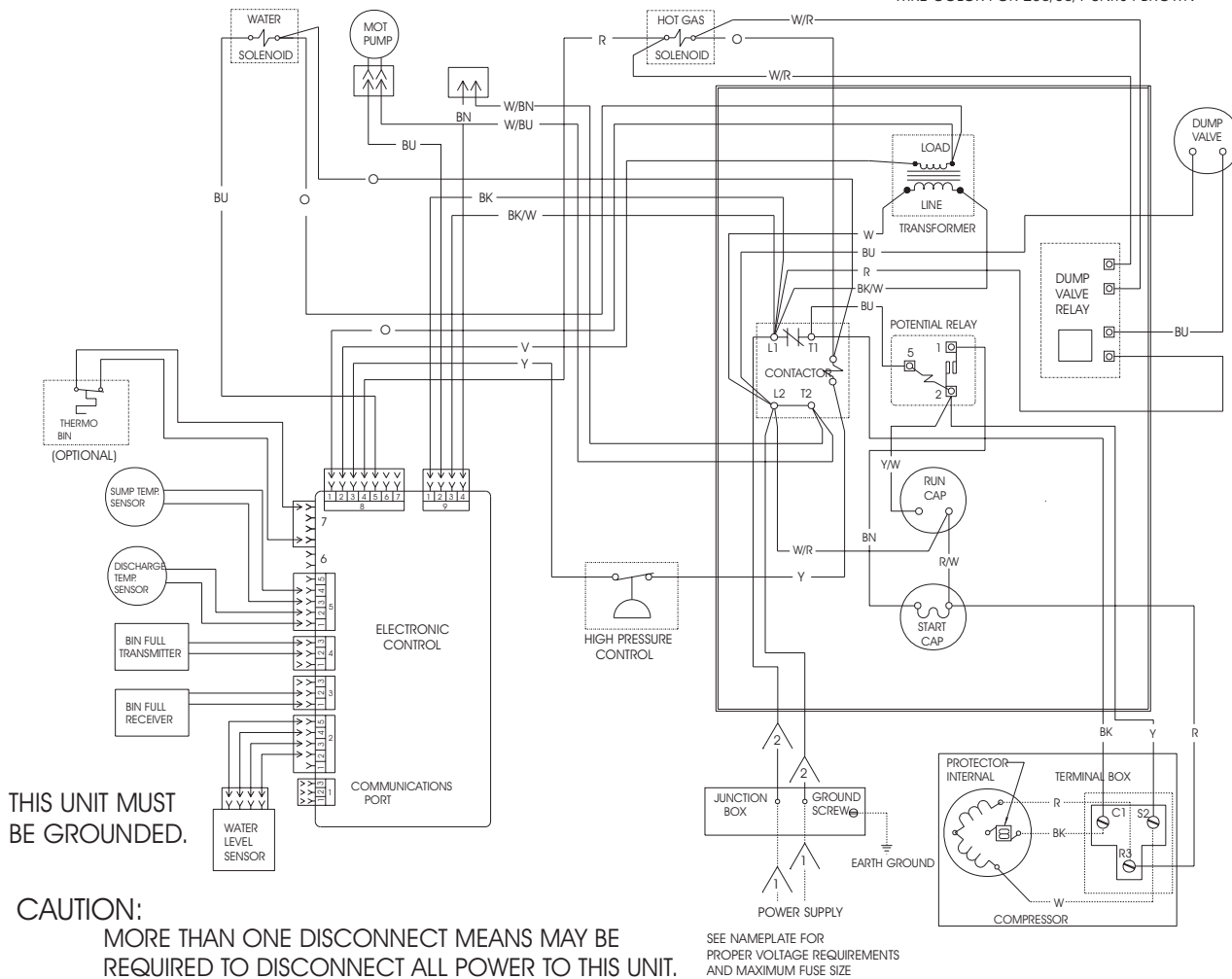
Water Cooled Single Phase Wiring Diagram, A - C

17-2503-01

USE COPPER CONDUCTORS ONLY

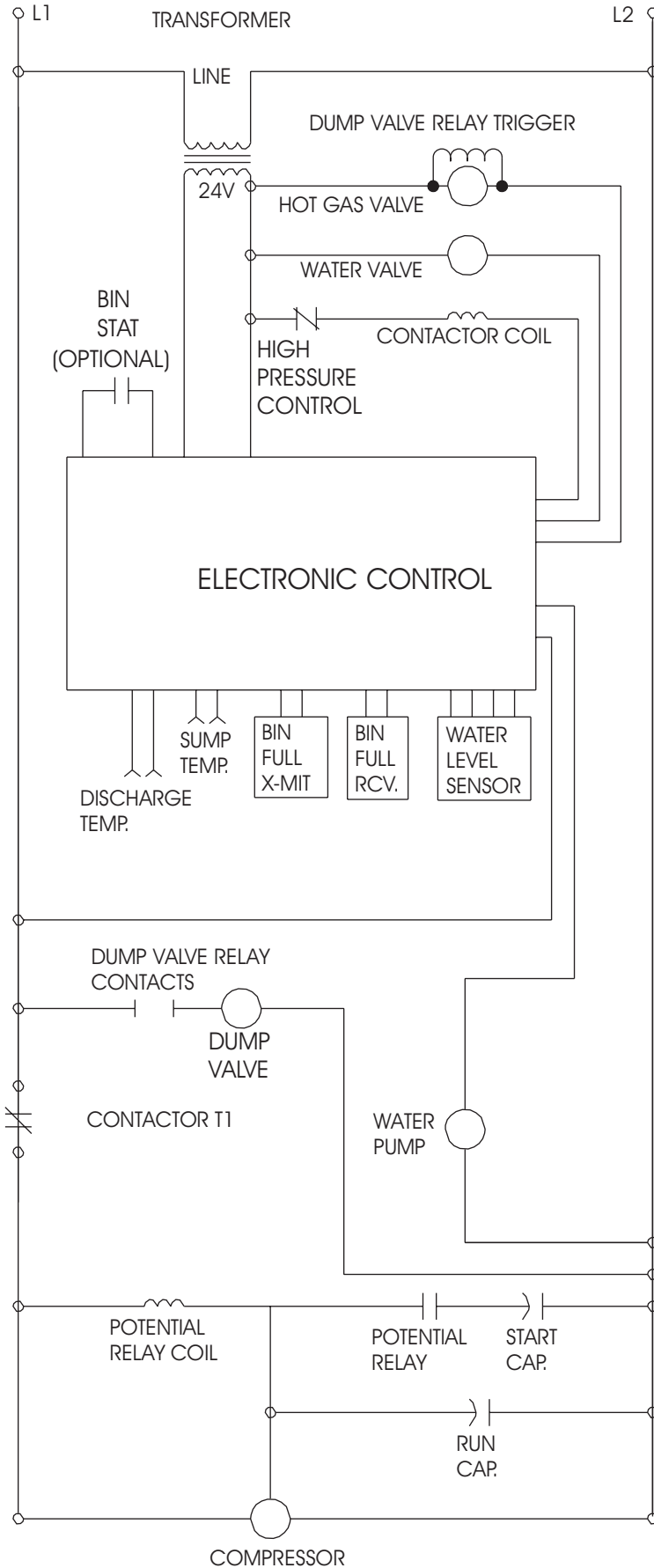
△ 1 DASHED LINES INDICATE FIELD WIRING WHICH MUST BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND ALL STATE AND LOCAL CODES.

△ 2 WIRE COLOR FOR 208-230/60/1 UNITS: BLACK
WIRE COLOR FOR 230/50/1 UNITS : BROWN



CME1356 and CME1656 Service Parts

Water Cooled Single Phase Schematic Diagram, A - C



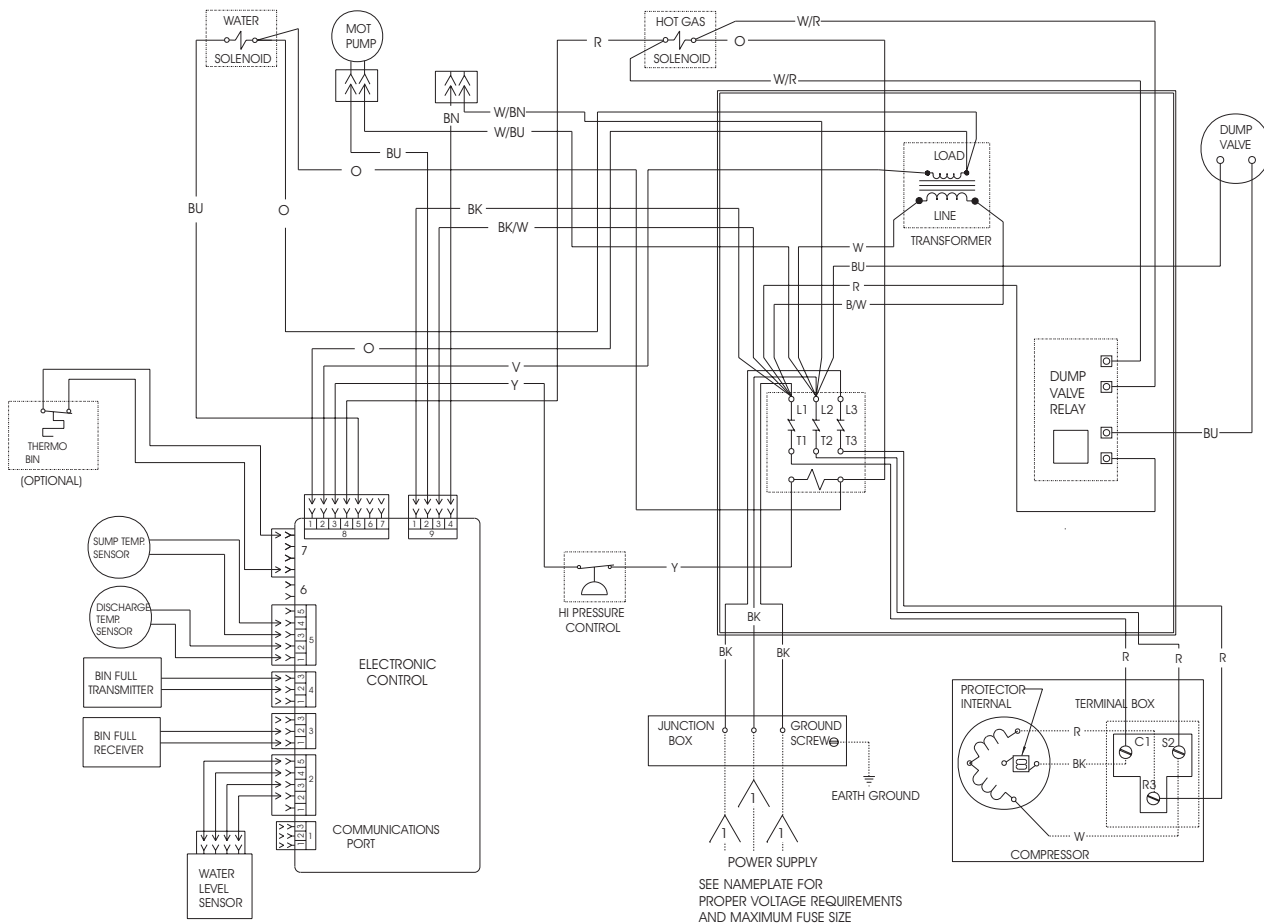
CME1356 and CME1656 Service Parts

Water Cooled Three Phase Wiring Diagram

17-2512-03

USE COPPER CONDUCTORS ONLY

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



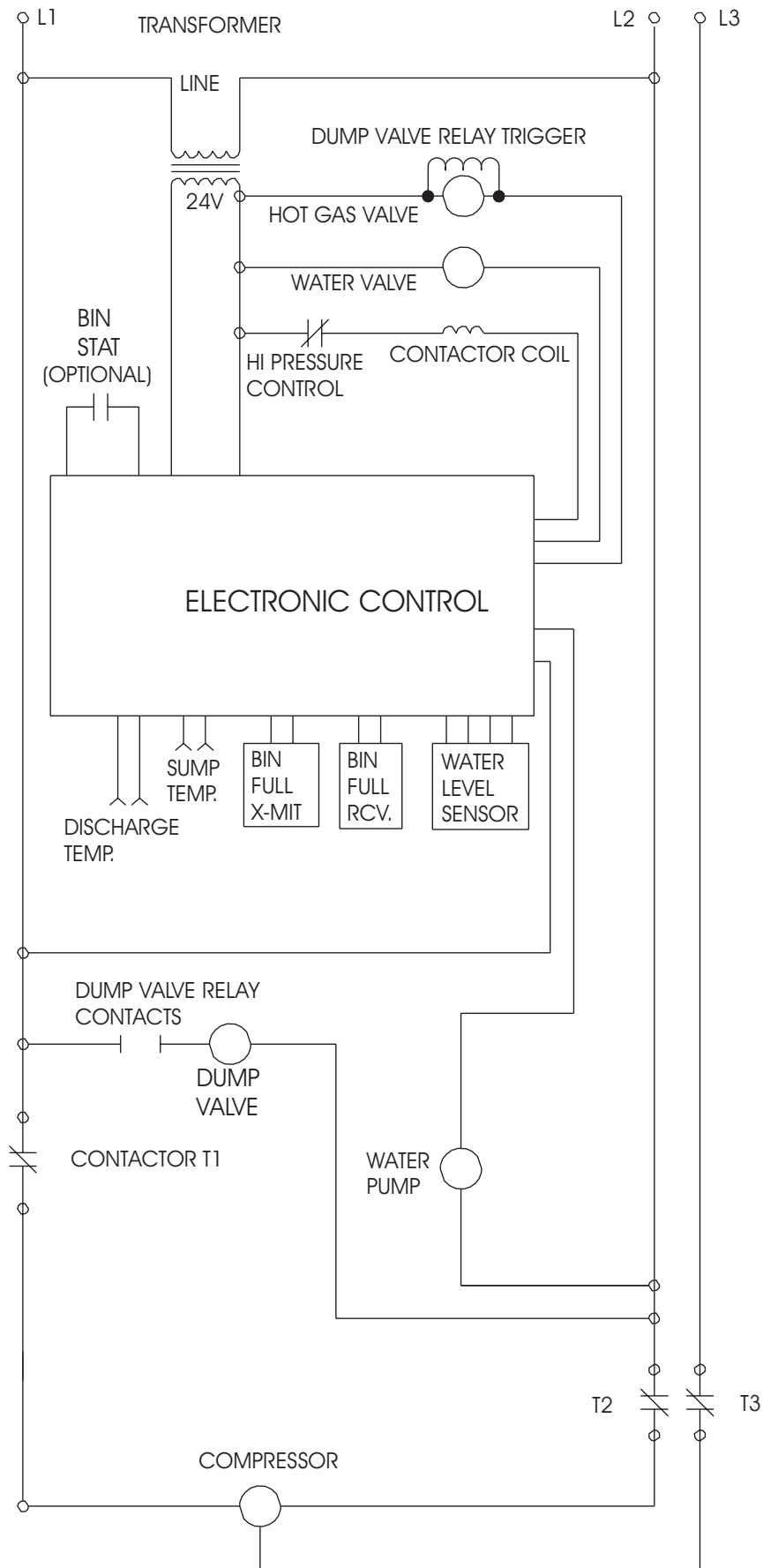
CAUTION:

THIS UNIT MUST
BE GROUNDED.

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

CME1356 and CME1656 Service Parts

Water Cooled Three Phase Schematic Diagram



SERVICE BULLETIN

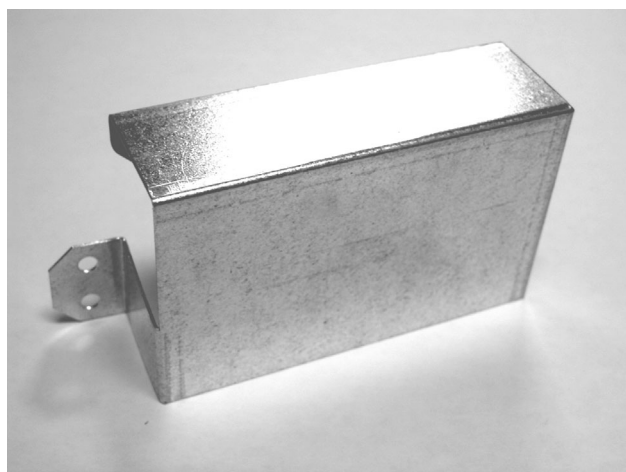
Subject: Controller Cover

Affects all versions of models: CME1356, CME1656, CME1856 and CME2006

The above models are now manufactured with a sheet metal cover over the top of the controller.

Service controllers also are now shipped with a cover that should be applied to these models whenever replacing the controller if the machine does not already have a cover installed.

Whenever cleaning or servicing any unit, check to see whether it has a cover over the controller like the one shown below. If it does not, Scotsman recommends installing a cover. A separate part is now available for this purpose. Its part number is **A37480-021**. It mounts over the top end of the controller and is secured by two sheet metal screws. Use the cover as a template and drill two 1/8" holes for the two screws.



Controller Cover



Cover Installed on Unit

Scotsman is shipping a supply of covers to all Scotsman Distributors and listed service agencies. A supply of covers should be carried by each service person on service calls so a cover may be installed on the unit being cleaned or serviced if one is not already in place. Additional covers may be obtained free of charge from Scotsman, through the local Scotsman Distributor, as needed.