# Eclipse 1300, 1600 Service Parts

This part list contains the service parts for the Eclipse 1300 and 1600 systems.

The models that are covered include:

- CME1386
- CME1686
- CP1316
- ERC1086

**Table of Contents**


CME1386 and CME1686 Cabinet . . . . . Page 2

CME1386 and CM1686 Interior Parts . . . . . Page 3

CME1386 Refrigeration System . . . . . Page 4

CME1686 Refrigeration System . . . . . Page 5

CME1386 and CME1686 Electrical . . . . . Page 6

CP1316 Cabinet . . . . . Page 7

CP1316 Refrigeration Systems . . . . . Page 8

CP1316 Control Box . . . . . Page 9

Remote Condensers . . . . . Page 10

CME1386 or CME1686 Schematic Diagram . . . . . Page 11

CME1386 and CME1686 Wiring Diagram . . . . . Page 12

CP1316 Single Phase Schematic Diagram . . . . . Page 13

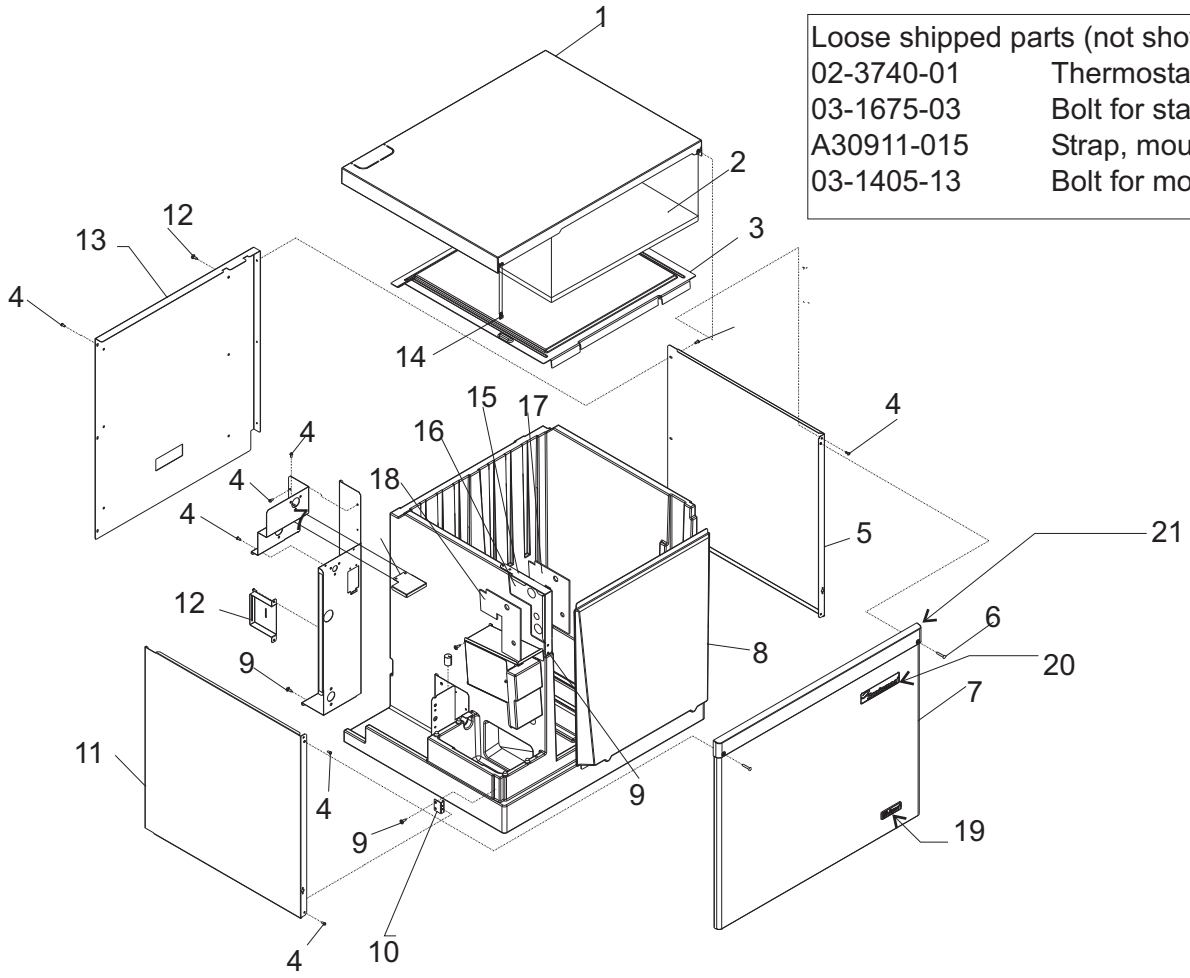
CP1316 Single Phase Wiring Diagram . . . . . Page 14

CP1316 Three Phase Wiring Diagram . . . . . Page 15

CP1316 Three Phase Schematic Diagram . . . . . Page 16

# Eclipse 1300, 1600 Service Parts

## CME1386 and CME1686 Cabinet



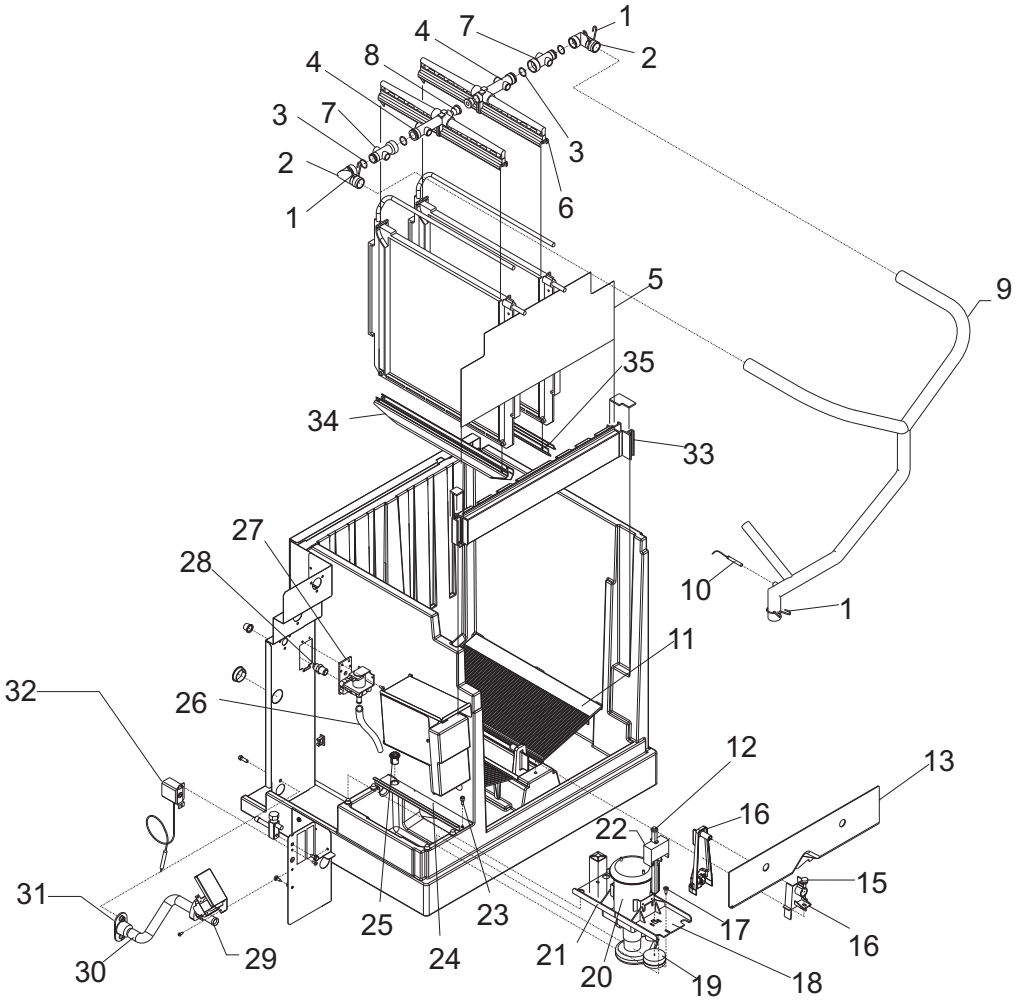

| Loose shipped parts (not shown) | |
|---|---|
| 02-3740-01 | Thermostat Bracket |
| 03-1675-03 | Bolt for stat bracket |
| A30911-015 | Strap, mounting |
| 03-1405-13 | Bolt for mounting |

| Item Number | Part Number | Description |
|---|---|---|
| 1 | 02-4001-21 | Top panel |
| 2 | 02-3783-01 | Insulation |
| 3 | 02-3955-01 | Inner top panel |
| 4 | 03-1531-01 | Screw |
| 5 | A38281-021 | Right side panel |
| 6 | 03-1735-01 | Panel screw |
| 7 | A38373-021 | Front panel, includes items 19 and 20 |
| 8 | 02-3702-01 | Evaporator cover |
| | 02-3742-01 | Insulation for cover |
| 9 | 03-1404-18 | Screw |
| 10 | A38338-001 | Side mounting bracket |
| 11 | A38280-021 | Left side panel |
| 12 | A38339-001 | Slotted panel bracket |
| 13 | A38279-001 | Back panel |

| Item Number | Part Number | Description |
|---|---|---|
| 14 | 03-1423-06 | Speed nut |
| 15. | A37218-001 | Tube cover |
| 16 | 02-3696-01 | Tube grommet |
| 17 | 02-3696-02 | Grommet left |
| 18 | 02-3696-03 | Grommet right |
| 19 | 15-0811-01 | Eclipse emblem |
| 20 | 15-0808-01 | Scotsman emblem |
| 21 | 02-3794-01 | Trim strip |
| Not Shown, Front Panel Fasteners: | | |
| 22 | 03-1734-01 | Insert |
| 23 | 03-1417-27 | Washer |
| 24 | 03-1733-01 | Ball stud |

# Eclipse 1300, 1600 Service Parts

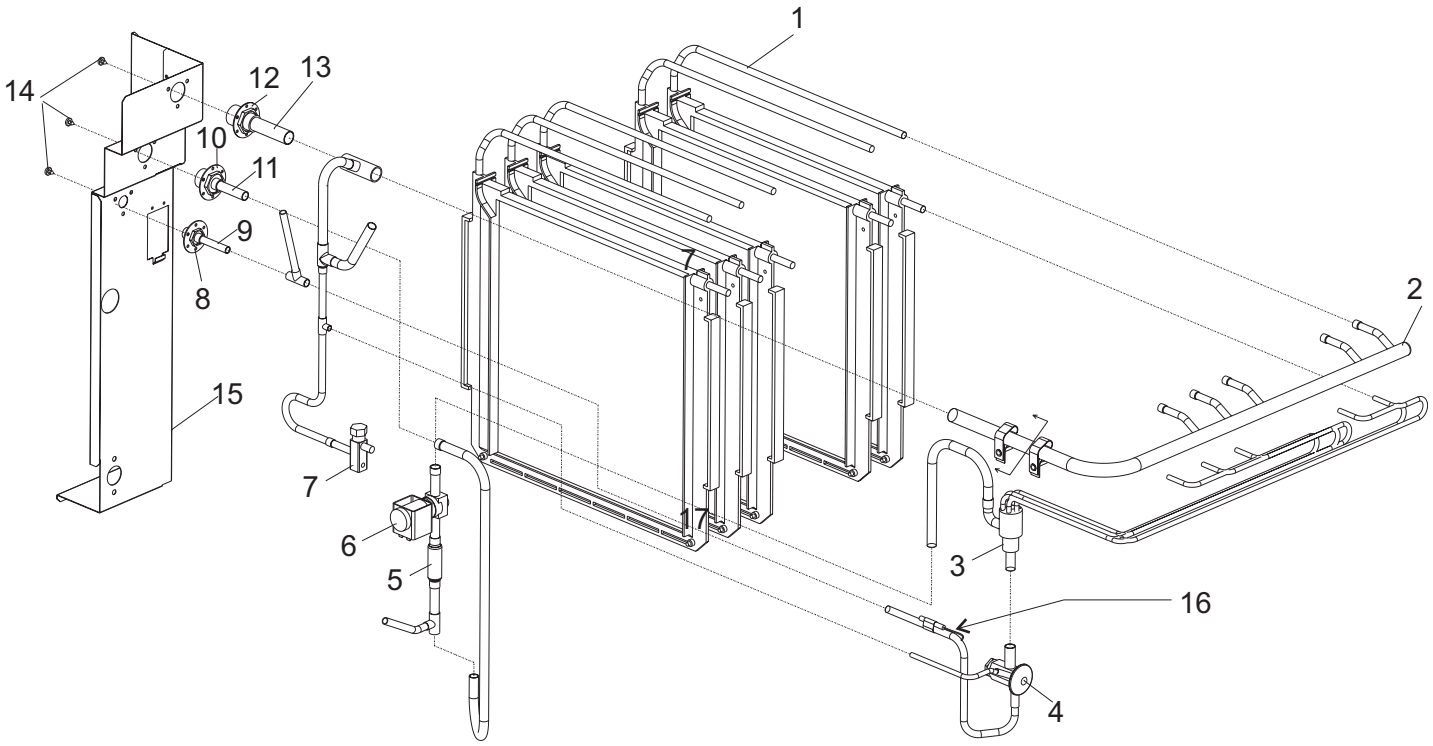
## CME1386 and CM1686 Interior Parts




| Item Number | Part Number | Description | Item Number | Part Number | Description |
|---|---|---|---|---|---|
| 1 | 02-3725-01 | Hose clamp | 17 | 03-1404-18 | Screw |
| 2 | 02-3613-01 | Elbow - all L & 1686 R | 18 | 02-3388-04 | Pump bracket half |
| | 02-3520-01 | Elbow - right CME1386 | 19 | 02-3341-01 | Float |
| 3 | 13-0617-48 | O-ring | 20 | 12-2876-21 | Water pump |
| 4 | 02-3518-01 | Water manifold | 21 | 02-3388-05 | Pump bracket half |
| 5 | 02-3706-01 | Top front inner panel | 22 | 11-0539-51 | Water level sensor |
| 6 | 02-2527-01 | Water distributor | 23 | 03-1691-01 | Plastic screw |
| 7 | 02-3519-01 | Manifold fitting | 24 | 02-3960-01 | Sump cover |
| 8 | 13-0840-01 | Rubber plug | 25 | 02-3978-01 | Hose bushing |
| 9 | 02-3660-01 | Pump hose (1686) | 26 | 13-0674-02 | Hose, order 2, use 14 in. |
| | 02-3660-02 | Pump hose (1386) | 27 | 12-2666-01 | Water inlet sol valve |
| 10 | 11-0515-21 | Temp sensor set | 28 | 16-0355-00 | Coupling half |
| 11 | 02-3337-02 | Cube deflector | 29 | 11-0514-02 | Purge valve |
| 12 | 02-3383-07 | CME1386 float stick | 30 | 02-3980-01 | Hose |
| | 02-3383-08 | CME1686 float stick | 31 | 02-3692-21 | Drain fitting |
| 13 | 02-3680-01 | Lower front inner panel | 32 | 11-0521-21 | Bin thermostat |
| 14 | 11-0540-21 | Ice sensor set | 33 | A37337-001 | Evaporator bracket |
| 15 | 02-3689-01 | Front sensor mount | 34 | 02-3672-02 | Left water trough |
| 16 | 03-0727-09 | Mounting screw | 35 | 02-3672-01 | Right water trough |

# Eclipse 1300, 1600 Service Parts

## CME1386 Refrigeration System

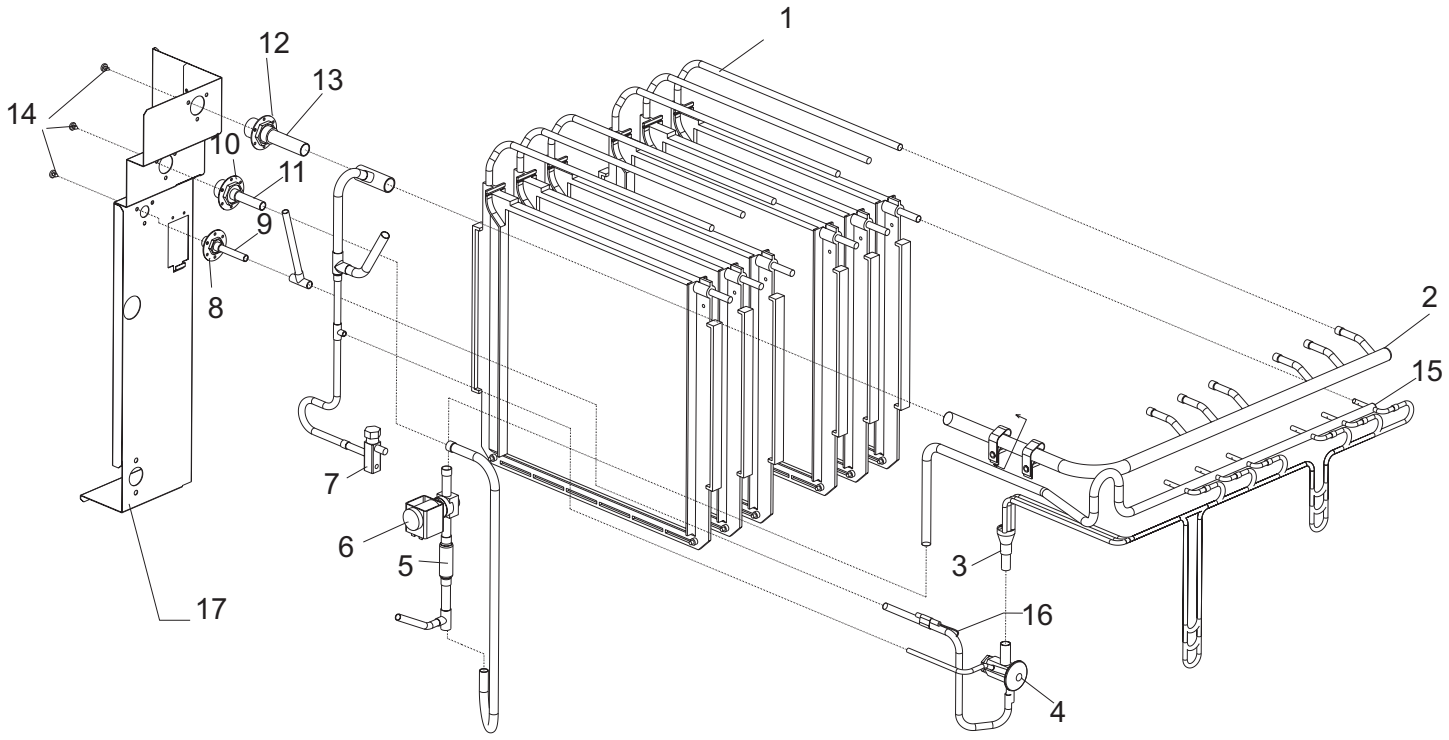



| Item Number | Part Number | Description |
|---|---|---|
| 1 | A37315-021 | Evaporator |
| 2 | 16-1102-01 | Suction header |
| 3 | A38436-021 | Distributor assembly |
| 4 | 16-1066-21 | TXV ANE1 ¼ SZ |
| | 02-3792-01 | TXV insulation |
| 5 | 16-1063-03 | Strainer |
| 6 | 11-0507-21 | Vapor inlet valve |
| 7 | 16-0832-20 | Low side access valve |

| Item Number | Part Number | Description |
|---|---|---|
| 8 | 16-0701-07 | Mounting flange |
| 9 | 16-0850-03 | Quick connect |
| 10 | 16-0701-14 | Mounting flange |
| 11 | 16-0850-01 | Quick connect |
| 12 | 16-0701-18 | Mounting flange |
| 13 | 16-0850-04 | Quick connect |
| 14 | 03-1405-15 | Screw |
| 15 | A38336-001 | Bracket |
| 16 | 11-0515-21 | Temp sensor set |

# Eclipse 1300, 1600 Service Parts

## CME1686 Refrigeration System

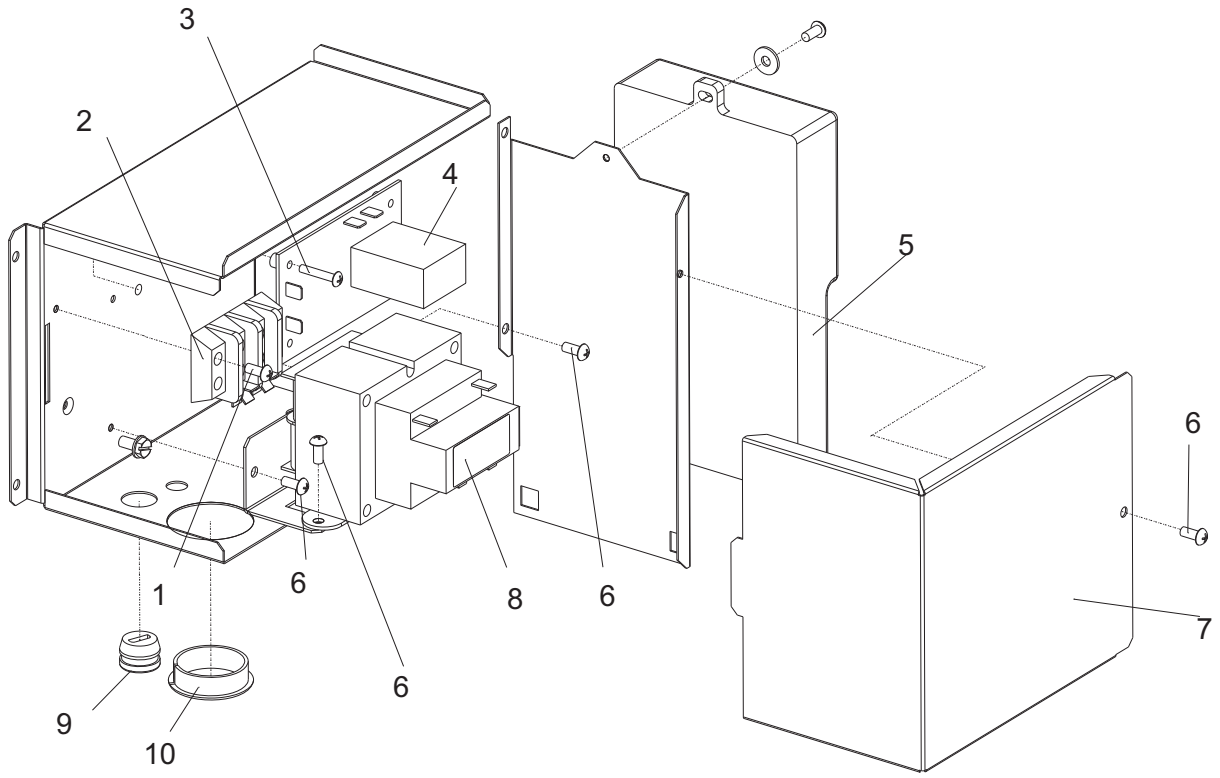



| Item Number | Part Number | Description |
|---|---|---|
| 1 | A37315-021 | Evaporator |
| 2 | 16-1102-02 | Suction header |
| 3 | A38437-021 | Distributor assembly |
| 4 | 16-1066-21 | TXV ANE1 ¼ SZ |
| | 02-3792-01 | TXV insulation |
| 5 | 16-1063-03 | Strainer |
| 6 | 11-0507-22 | Vapor inlet valve |
| 7 | 16-0832-20 | Low side access valve |

| Item Number | Part Number | Description |
|---|---|---|
| 8 | 16-0701-07 | Mounting flange |
| 9 | 16-0850-03 | Quick connect |
| 10 | 16-0701-14 | Mounting flange |
| 11 | 16-0850-01 | Quick connect |
| 12 | 16-0701-18 | Mounting flange |
| 13 | 16-0850-04 | Quick connect |
| 14 | 03-1405-15 | Screw |
| 15 | 16-1106-01 | Hot gas header |
| 16 | 11-0515-21 | Temp sensor set |
| 17 | A38336-001 | Bracekt |

# Eclipse 1300, 1600 Service Parts

## CME1386 and CME1686 Electrical



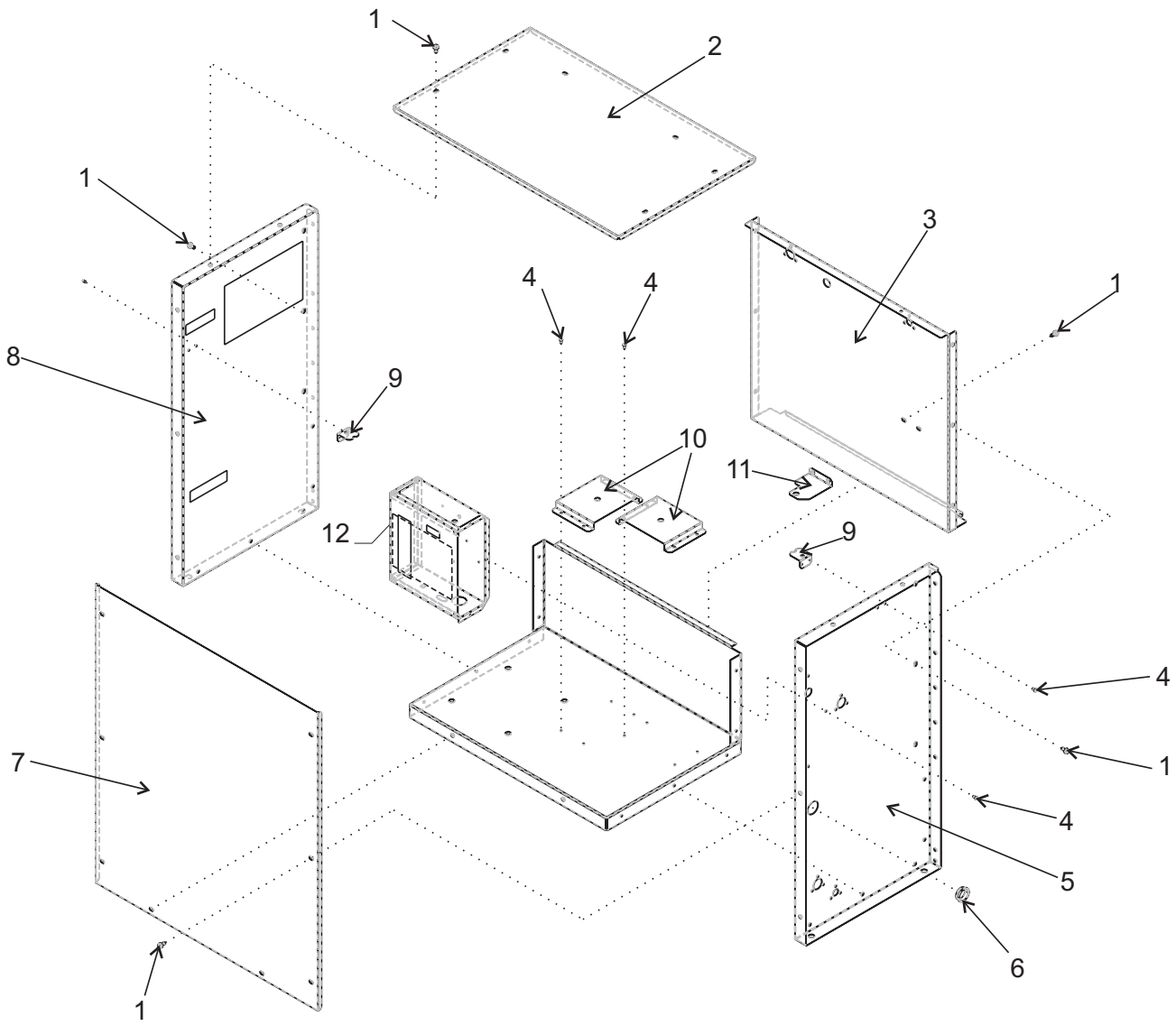

| Item Number | Part Number | Description |
|---|---|---|
| 1 | 03-1531-08 | Screw |
| 2 | 12-2780-01 | Terminal block |
| 3 | 03-1638-01 | Screw |
| 4 | 11-0531-21 | Purge valve timer |
| 5 | 12-2838-24 | Controller |
| 6 | 03-1531-01 | Screw |
| 7 | A38284-001 | Control box cover |
| 8 | 12-2860-01 | Transformer |
| 9 | 12-0629-08 | Snap bushing |
| 10 | 12-1213-13 | Snap bushing |

Not illustrated:

| | | |
|---|---|---|
| 11 | 12-1638-20 | Power cord |
| 12 | 12-2878-01 | Hi voltage harness |
| 13 | 12-2877-01 | Lo voltage harness |

# Eclipse 1300, 1600 Service Parts

## CP1316 Cabinet

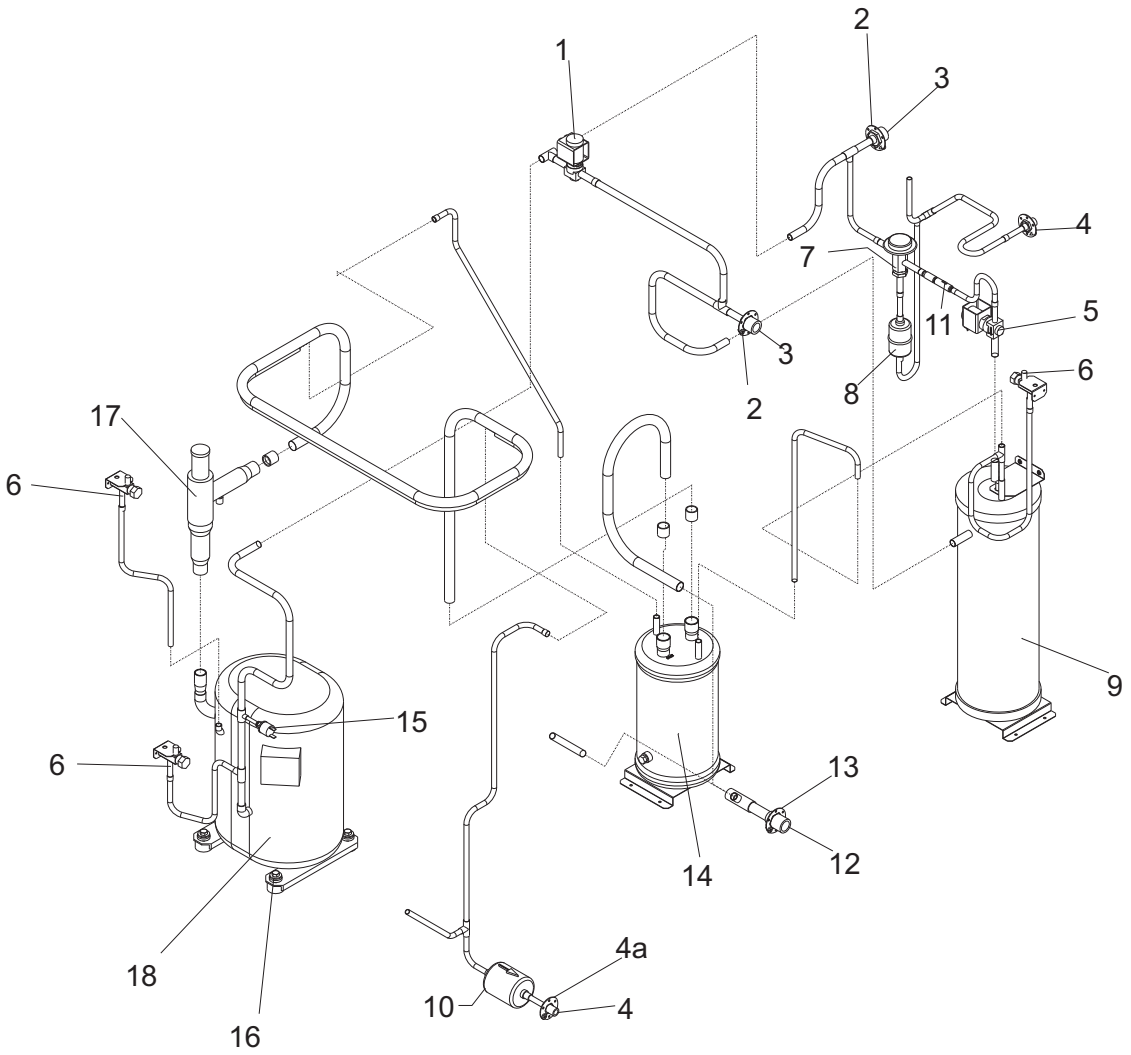



| Item Number | Part Number | Description |
|---|---|---|
| 1 | 03-1645-01 | Screw |
| 2 | A37853-001 | Top cover |
| 3 | A37845-001 | Back panel |
| 4 | 03-1531-01 | Screw |
| 5 | A37829-001 | Right side panel |
| 6 | 12-1213-20 | Snap bushing |
| 7 | A37896-001 | Front cover |
| 8 | A37829-002 | Left side panel |
| 9 | A37962-001 | Service valve bracket |

| Item Number | Part Number | Description |
|---|---|---|
| 10 | A37948-001 | Receiver or accumulator bracket |
| 11 | A37949-001 | Receiver top bracket |
| 12 | A38430-001 | Control box cover |

# Eclipse 1300, 1600 Service Parts

## CP1316 Refrigeration Systems




| Item Number | Part Number | Description |
|---|---|---|
| 1 | 11-0507-23 | By pass valve |
| 2 | 16-0701-14 | Mounting flange |
| 3 | 16-0850-01 | Discharge quick connect |
| 4 | 16-0850-03 | Liquid quick connect |
| 4a | 16-0701-07 | Mounting flange |
| 5 | 11-0546-21 | Liquid inlet valve |
| 6 | 16-0832-20 | Access valve |
| 7 | 11-0422-22 | Headmaster |
| 8 | 02-3231-02 | Filter |
| 9 | 16-1085-01 | Receiver |
| 10 | 02-3319-02 | Filter drier |
| 11 | 16-1029-01 | Check valve |
| 12 | 16-0850-04 | Suction quick connect |
| 13 | 16-0701-18 | Mounting flange |
| 14 | 16-1109-01 | Accumulator |
| 15 | 11-0501-22 | Hi pressure cut out |
| 16 | 18-2300-27 | Mounting grommet |
| | 18-2300-26 | Sleeve |
| | 03-1406-07 | Washer |
| | 03-1404-15 | Cap screw |
| 17 | 16-1096-22 | CPR valve |
| 18 | Compressors | |

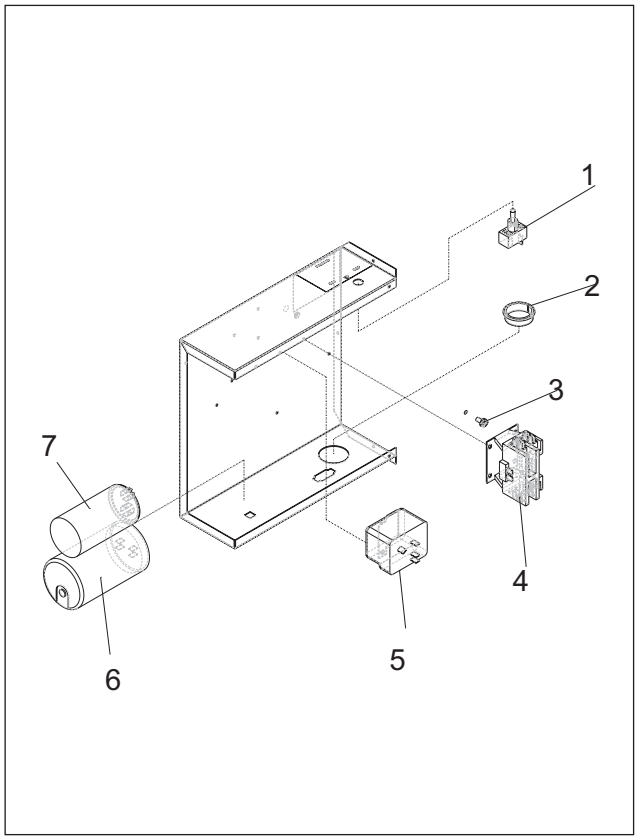
| | | |
|---|---|---|
| CP1316-32 | single phase | 18-8751-23 |
| CP1316-2 | three phase | 18-8751-25 |

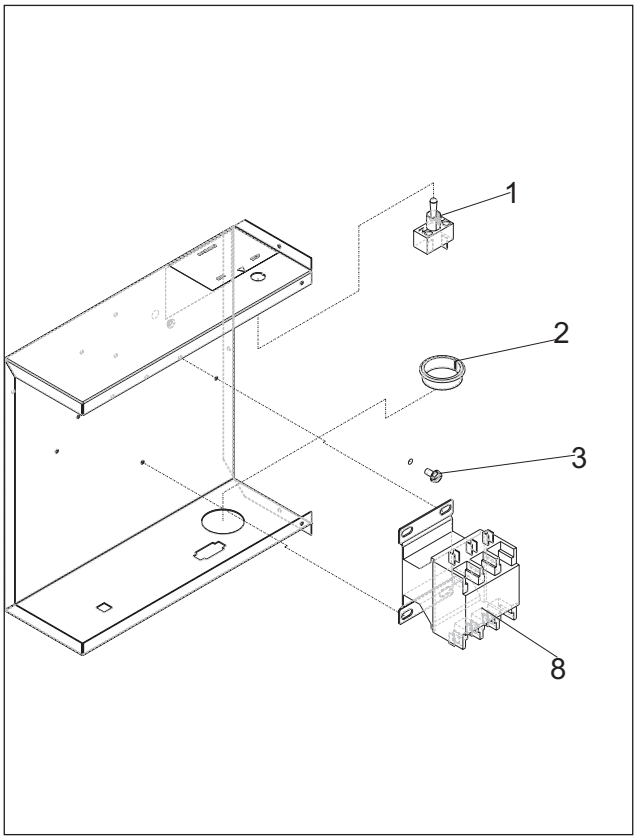
All compressors are 208-230 volt, 60 Hz.

Single phase compressors include starting components. All include a drier and crankcase heaters.

# Eclipse 1300, 1600 Service Parts

## CP1316 Control Box

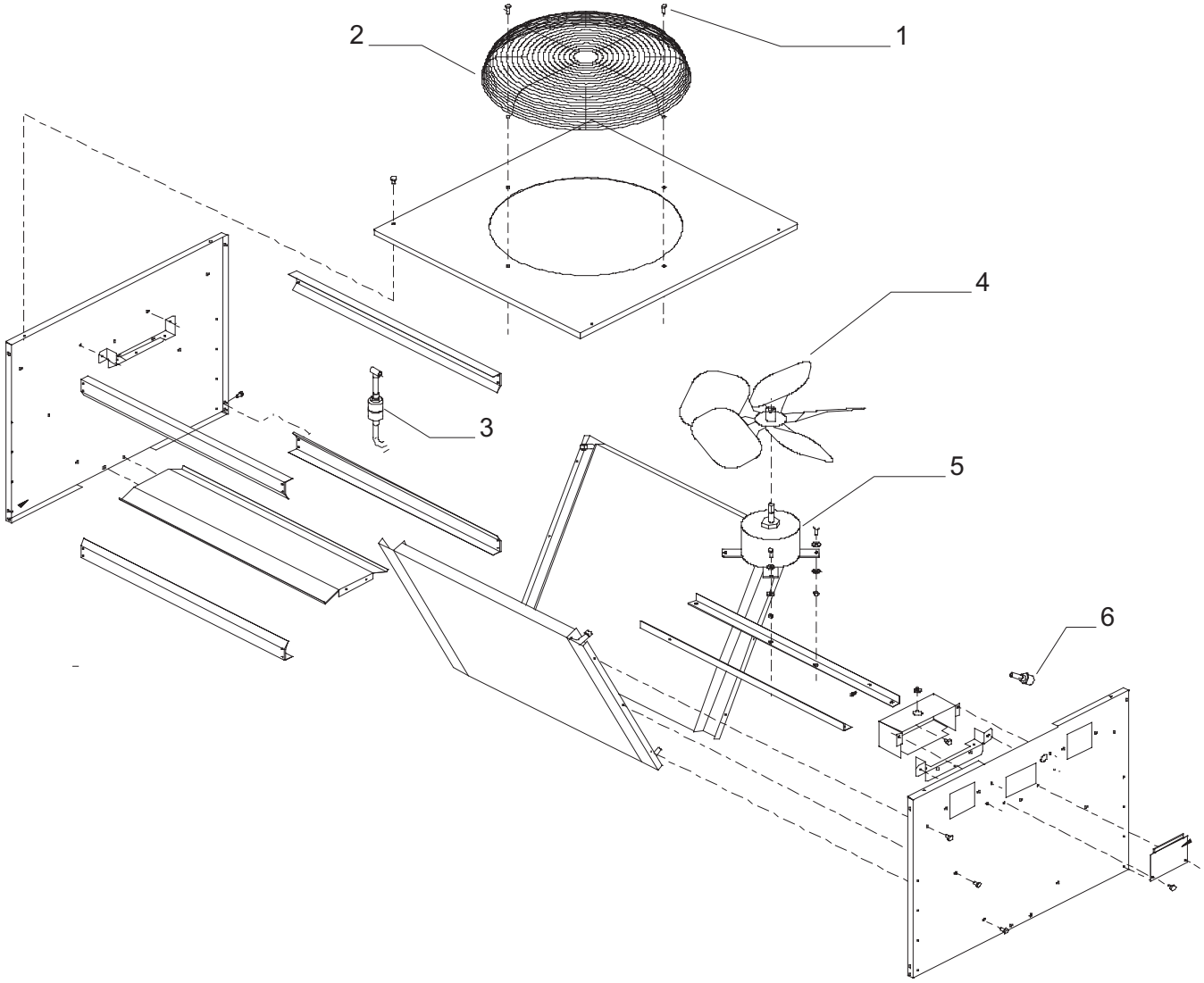



| Item Number | Part Number | Description |
|---|---|---|
| 1 | 12-0426-01 | Toggle switch |
| 2 | 12-1213-20 | Snap bushing |
| 3 | 03-1531-01 | Mounting screw |
| 4 | 12-2469-01 | Single phase contactor |
| 5 | 18-1903-46 | Potential relay |
| 6 | 18-1901-27 | Start capacitor |
| 7 | 18-1902-56 | Run capacitor |
| 8 | 12-2533-01 | Three phase Contactor |

# Eclipse 1300, 1600 Service Parts

## Remote Condensers

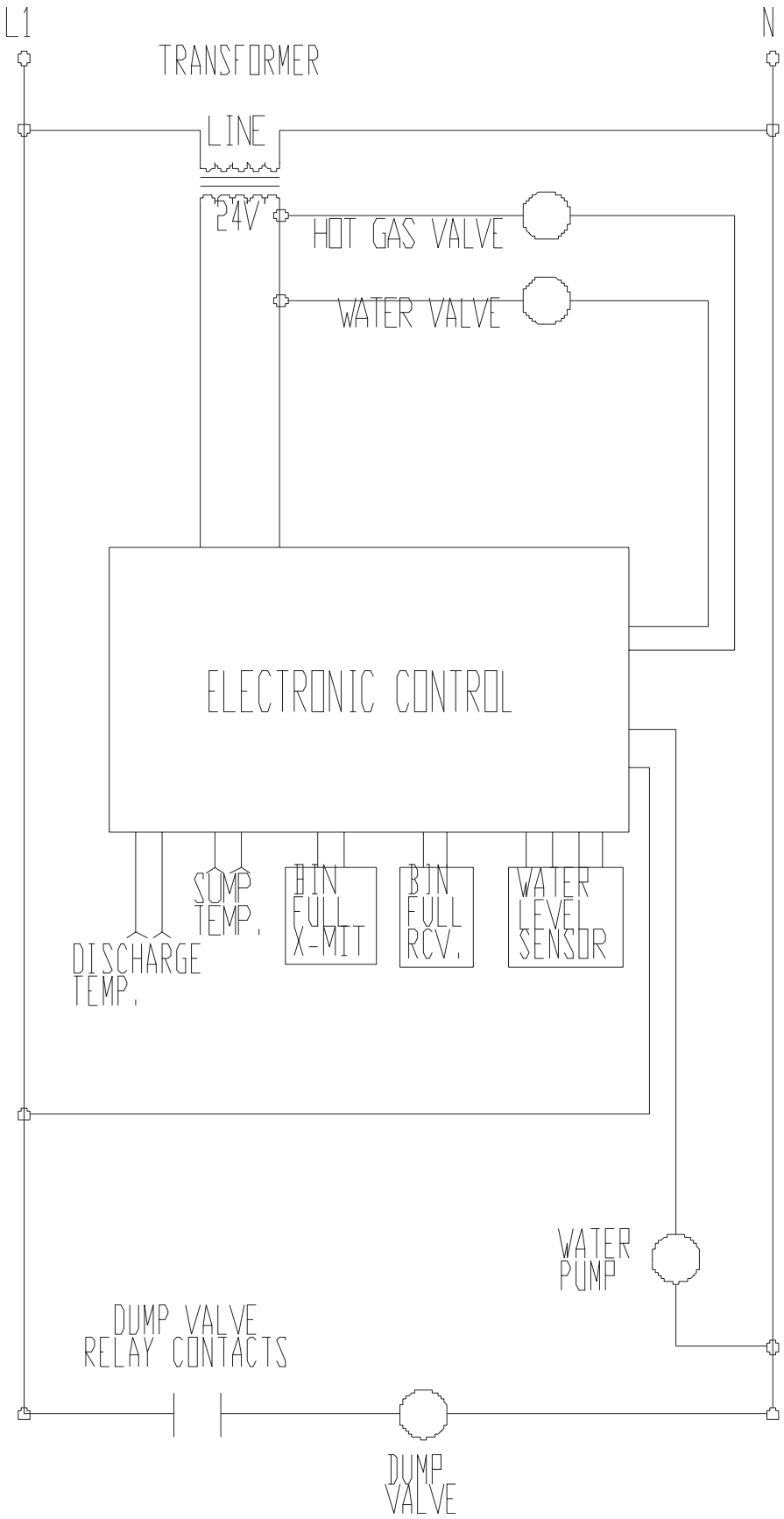



**Model ERC1086**

| Item Number | Part Number | Description |
|---|---|---|
| 1 | 03-1405-08 | Screw |
| 2 | 02-3575-01 | Fan guard |
| 3 | 02-3231-03 | Filter |
| 4 | 18-8816-01 | Fan blade |
| 5 | 12-2651-01 | Fan motor |
| 6 | 16-1057-04 | Quick connect, discharge |
| | 16-1057-03 | Quick connect, liquid |
| Not Shown: | | |
| | A37169-001 | Leg |
| | A37170-001 | Leg brace |
| | 03-1645-01 | Screw for legs |

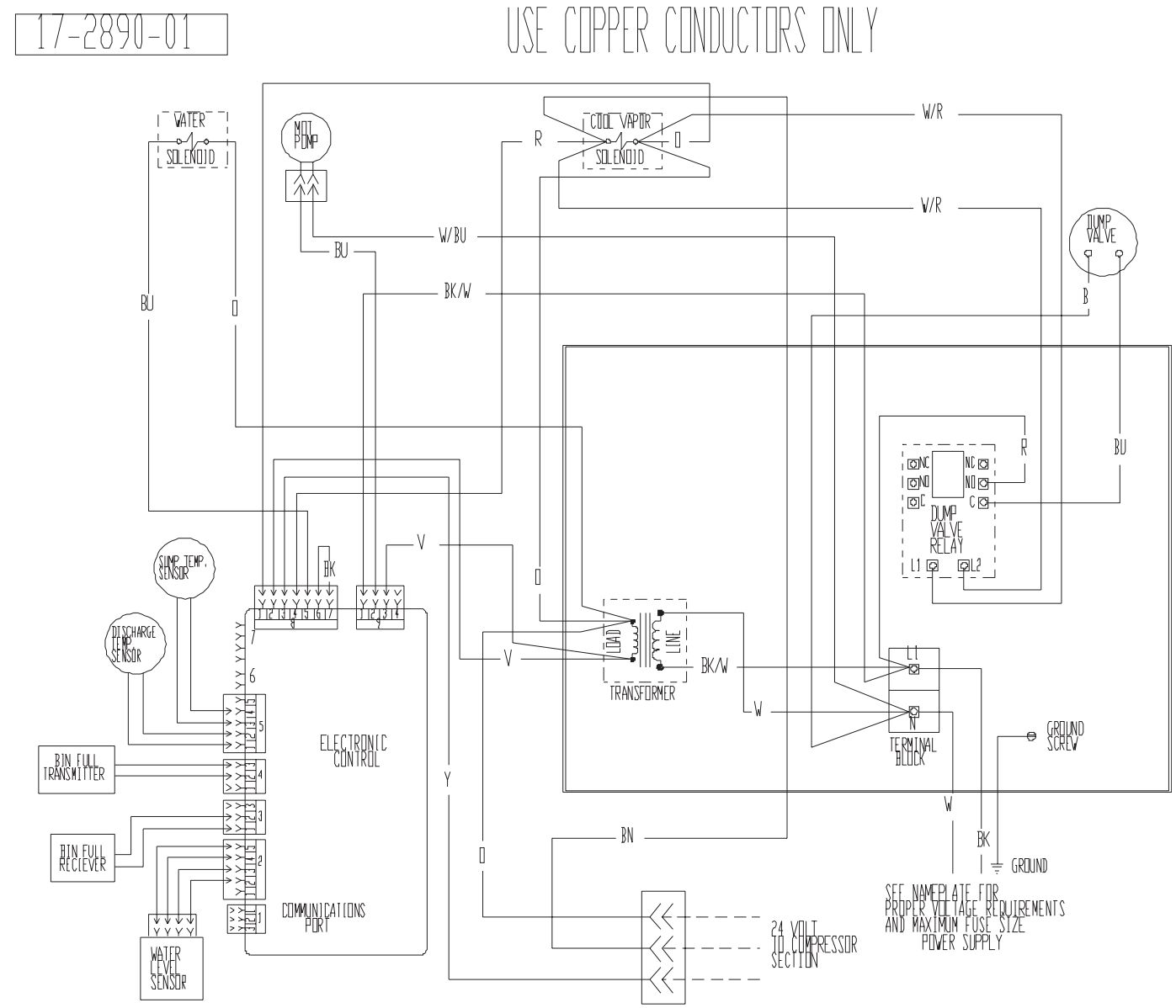
# Eclipse 1300, 1600 Service Parts

## CME1386 or CME1686 Schematic Diagram



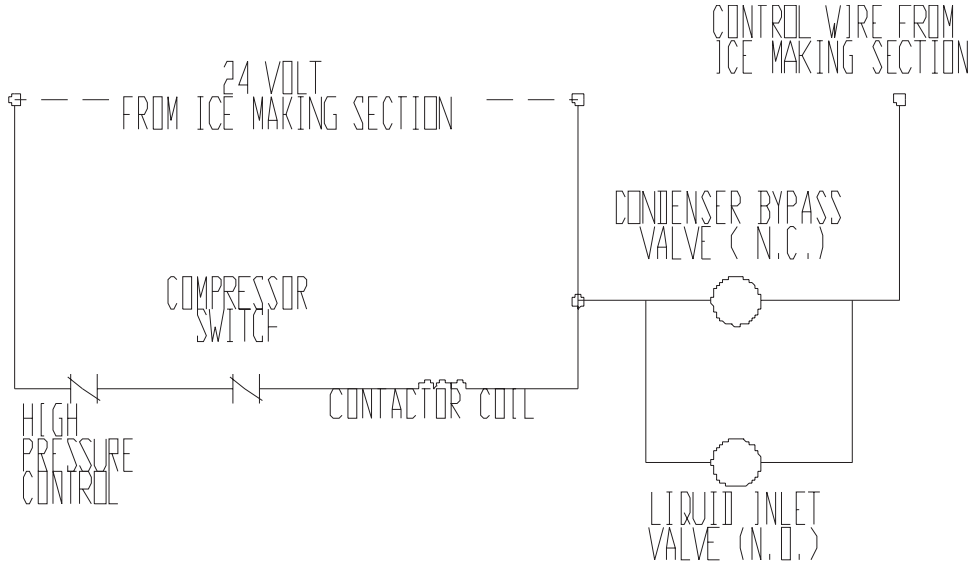
# Eclipse 1300, 1600 Service Parts

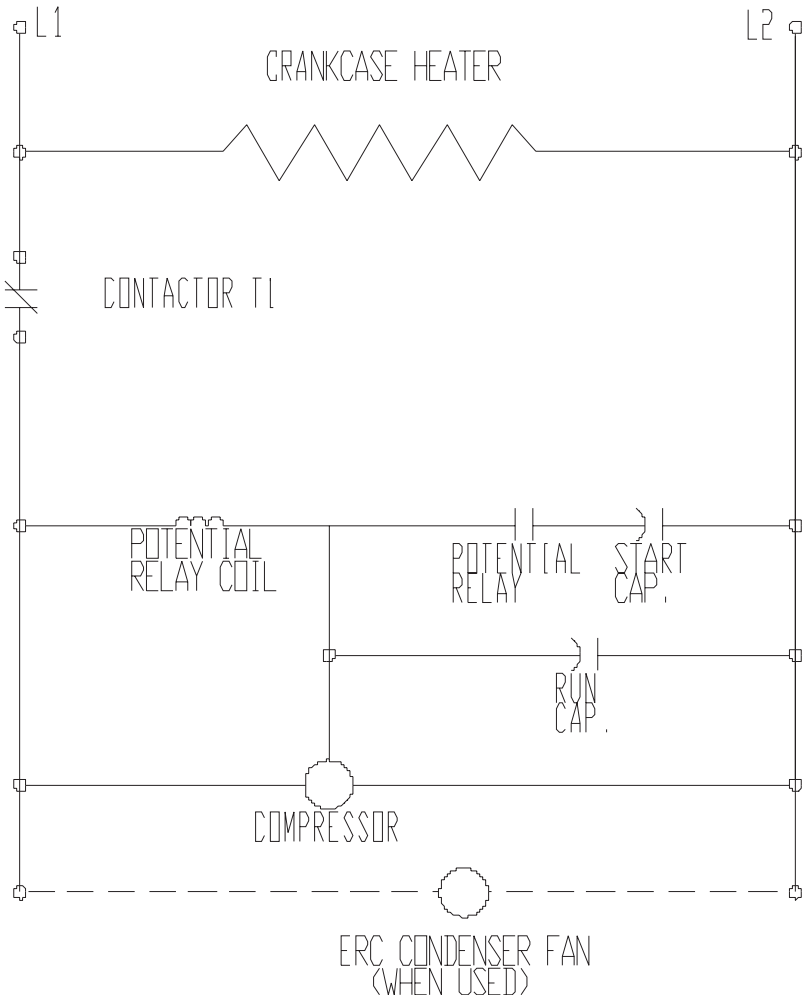
## CME1386 and CME1686 Wiring Diagram



# Eclipse 1300, 1600 Service Parts

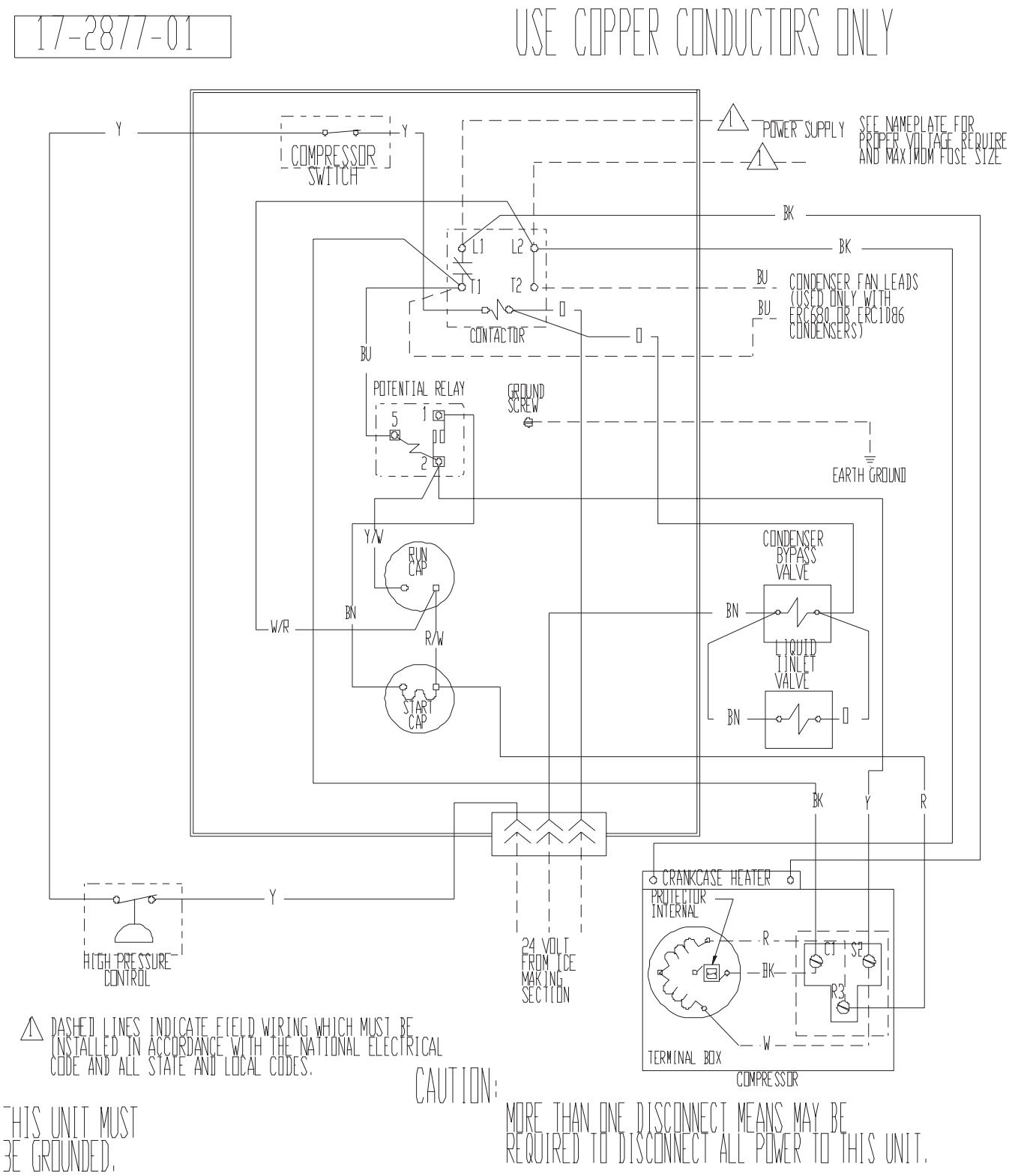
## CP1316 Single Phase Schematic Diagram



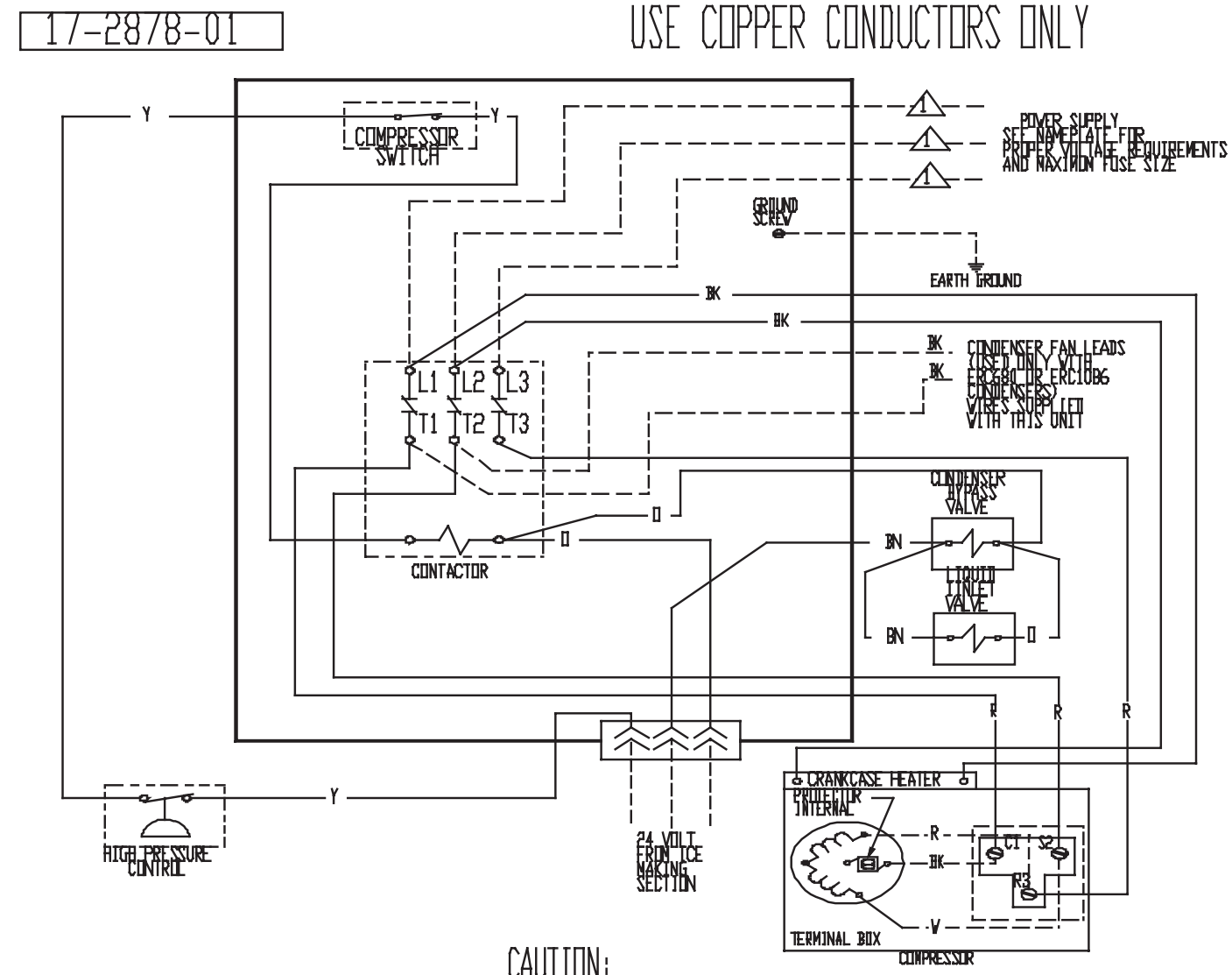
# Eclipse 1300, 1600 Service Parts

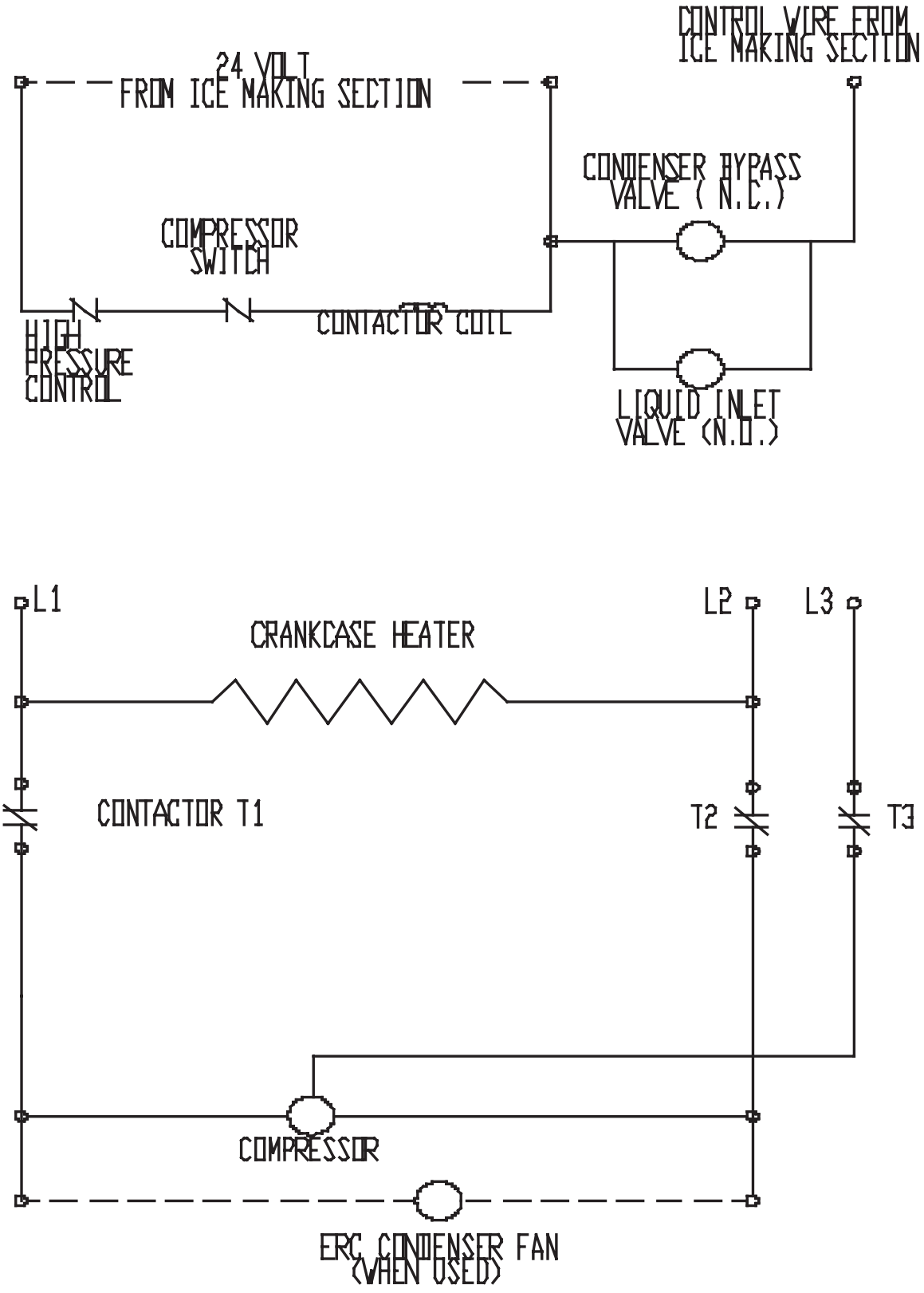
## CP1316 Single Phase Wiring Diagram



# Eclipse 1300, 1600 Service Parts

## CP1316 Three Phase Wiring Diagram



# Eclipse 1300, 1600 Service Parts

## CP1316 Three Phase Schematic Diagram