

|                                                                                   |                                             |                        |
|-----------------------------------------------------------------------------------|---------------------------------------------|------------------------|
|  | <b>AIR-COOLED SCREW<br/>LIQUID CHILLERS</b> |                        |
| <b>RENEWAL PARTS</b>                                                              | Supersedes: 201.28-RP1 (918)                | Form: 201.28-RP1 (921) |

**MODEL YVAA STYLE A  
AIR-COOLED SCREW LIQUID CHILLERS WITH  
VARIABLE SPEED DRIVE**

**YVAA FRAME SIZE 015 - 027  
2 COMPRESSOR 60 Hz  
(150 ton to 350 ton)**

**YVAA FRAME SIZE 054 - 098  
2 COMPRESSOR 50 Hz  
(525 kW to 950 kW)**

**(MANUFACTURED BEFORE APRIL 2012)**



LD15045

**HFC-134A  
OR HFC-513A**

Issue Date:  
September 30, 2021



# IMPORTANT!

## READ BEFORE PROCEEDING!

### GENERAL SAFETY GUIDELINES

This equipment is a relatively complicated apparatus. During rigging, installation, operation, maintenance, or service, individuals may be exposed to certain components or conditions including, but not limited to: heavy objects, refrigerants, materials under pressure, rotating components, and both high and low voltage. Each of these items has the potential, if misused or handled improperly, to cause bodily injury or death. It is the obligation and responsibility of rigging, installation, and operating/service personnel to identify and recognize these inherent hazards, protect themselves, and proceed safely in completing their tasks. Failure to comply with any of these requirements could result in serious damage to the equipment and the property in

which it is situated, as well as severe personal injury or death to themselves and people at the site.

This document is intended for use by owner-authorized rigging, installation, and operating/service personnel. It is expected that these individuals possess independent training that will enable them to perform their assigned tasks properly and safely. It is essential that, prior to performing any task on this equipment, this individual shall have read and understood the on-product labels, this document and any referenced materials. This individual shall also be familiar with and comply with all applicable industry and governmental standards and regulations pertaining to the task in question.

---

### SAFETY SYMBOLS

The following symbols are used in this document to alert the reader to specific situations:



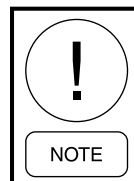
*Indicates a possible hazardous situation which will result in death or serious injury if proper care is not taken.*



*Identifies a hazard which could lead to damage to the machine, damage to other equipment and/or environmental pollution if proper care is not taken or instructions are not followed.*



*Indicates a potentially hazardous situation which will result in possible injuries or damage to equipment if proper care is not taken.*



*Highlights additional information useful to the technician in completing the work being performed properly.*



*External wiring, unless specified as an optional connection in the manufacturer's product line, is not to be connected inside the control cabinet. Devices such as relays, switches, transducers and controls and any external wiring must not be installed inside the micro panel. All wiring must be in accordance with Johnson Controls' published specifications and must be performed only by a qualified electrician. Johnson Controls will NOT be responsible for damage/problems resulting from improper connections to the controls or application of improper control signals. Failure to follow this warning will void the manufacturer's warranty and cause serious damage to property or personal injury.*

## CHANGEABILITY OF THIS DOCUMENT

In complying with Johnson Controls' policy for continuous product improvement, the information contained in this document is subject to change without notice. Johnson Controls makes no commitment to update or provide current information automatically to the manual or product owner. Updated manuals, if applicable, can be obtained by contacting the nearest Johnson Controls Service office or accessing the Johnson Controls Knowledge Exchange website at <https://docs.johnsoncontrols.com/chillers/>

It is the responsibility of rigging, lifting, and operating/ service personnel to verify the applicability of these documents to the equipment. If there is any question regarding the applicability of these documents, rigging, lifting, and operating/service personnel should verify whether the equipment has been modified and if current literature is available from the owner of the equipment prior to performing any work on the chiller.

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## REVISION NOTES

Revisions made to this document are indicated in the following table. These revisions are to technical information, and any other changes in spelling, grammar, or formatting are not included.

| Affected pages | Description                                            |
|----------------|--------------------------------------------------------|
| 50, 51         | Updated variable speed drive power assembly components |

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## ASSOCIATED LITERATURE

| MANUAL DESCRIPTION                       | FORM NUMBER  |
|------------------------------------------|--------------|
| Installation, Operation, and Maintenance | 201.28-NM1.1 |

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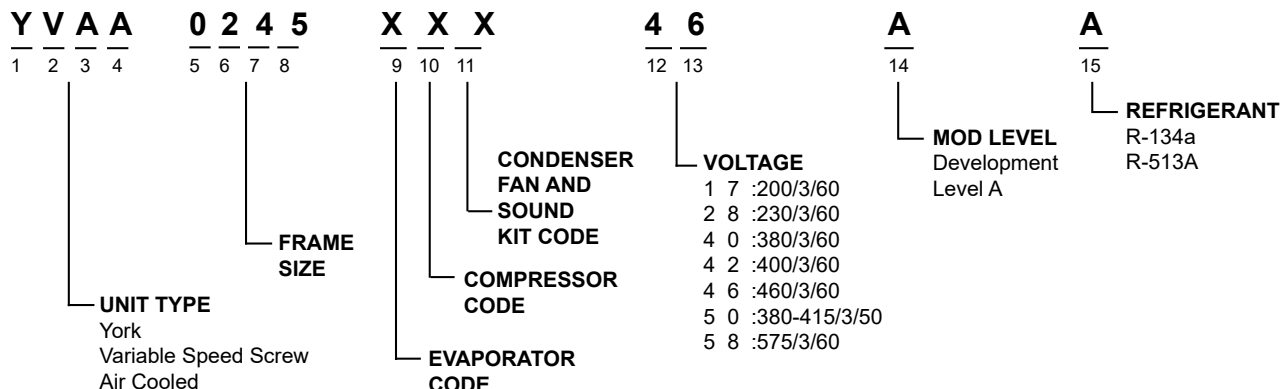
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## UNIT NOMENCLATURE



## MODEL AND SERIAL NUMBERS

In order to ensure that the correct replacement parts are supplied please provide your Johnson Controls Parts Center with the Model and Serial No. of your unit; these are detailed on the unit data plate shown on Figure 1 below.

A typical serial number could be:

**RMRM016840**

Where the four letters identify the location and time of manufacture and the 6 numbers (including the 0) are the serial number issued to the unit.

### Model Number

The model number consists of the first 15 digits of the unit pin as shown above.

### PIN

Table 1 details options that may fitted to your unit, the PIN on the unit data plate should be used to identify these options when ordering spare parts.

### Serial Number

The serial number is a combination of four letters and the six numbers (see Figure 1 example below). It is important that both the letters and the number are provided.

|                               |                                      |                             |                           |                             |                           |                         |         |                      |  |
|-------------------------------|--------------------------------------|-----------------------------|---------------------------|-----------------------------|---------------------------|-------------------------|---------|----------------------|--|
| Model/PIN                     |                                      | MOD                         |                           | PIN                         |                           | Serial#                 |         | SER                  |  |
| Refrigerant                   | Max. Allowable Pressure -Bar (psig): |                             | High Side                 |                             | B                         | Low Side                |         | C                    |  |
| A                             | System Pressure Test On              |                             | at High Side              |                             | E                         | Low Side                |         | F                    |  |
| OUTDOOR USE                   | Volt-Phase-Hertz                     | Utilization Range           | Min. Circuit Ampacity     | Max. Dual Element Fuse Size | Max. Circuit Breaker Size | Short Circuit Withstand |         |                      |  |
| Unit Power                    | Supply: L                            | M                           | N                         | O                           | P                         | Q                       |         |                      |  |
| Protection Device Size - Amps |                                      | SYS No.                     |                           | Compressor RLA              |                           | Fans                    |         | Refrigerant          |  |
| System(s) No.                 | Min. Circuit Ampacity                | Max. Dual Element Fuse Size | Max. Circuit Breaker Size | FLA                         | LRA                       | No.                     | Kg (lb) |                      |  |
| S13                           | 1A                                   | 1B                          | 1C                        | S1                          | 1E                        | 1G                      | 1H      | 1I                   |  |
|                               |                                      |                             |                           | S2                          | 2E                        | 2G                      | 2H      | 2I                   |  |
|                               |                                      |                             |                           | S3                          | 3E                        | 3G                      | 3H      | 3I                   |  |
| S24                           | 2A                                   | 2B                          | 2C                        | S4                          | 4E                        | 4G                      | 4H      | 4I                   |  |
| YORK                          |                                      | YORK INTERNATIONAL CORP.    |                           | Control Transformer:        |                           | No. Volts-Phase-Hertz   |         | KVA                  |  |
| York, PA                      |                                      | 029-24572-001               |                           | X                           |                           | LA                      |         | Y                    |  |
| REV. F                        |                                      |                             |                           |                             |                           |                         |         | Unit Shipping Weight |  |
|                               |                                      |                             |                           |                             |                           |                         |         | Z                    |  |

FIGURE 1 - TYPICAL UNIT DATA PLATE

**TABLE 1 - COMPLETE PIN NUMBER DESCRIPTION**

| FEATURE    | FEATURE DESCRIPTION                                                      | OPTION | OPTION DESCRIPTION   |
|------------|--------------------------------------------------------------------------|--------|----------------------|
| MODEL      | Model (PIN 1)                                                            | Y      | York                 |
| COMPRRTYP  | Compressor Type (PIN 2)                                                  | V      | Variable Speed Screw |
| CHILLERTYP | Chiller Type (PIN 3)                                                     | A      | Air-cooled Chiller   |
| DESIGNER   | Design Series (PIN 4)                                                    | A      | Design Series        |
| UNTDSG     | Unit Designator<br>(PIN 5-8)<br>(PINS 5 through 7 are the<br>Frame Size) | 0153   | 0153 / 0543          |
|            |                                                                          | 0543   |                      |
|            |                                                                          | 0183   | 0183 / 0643          |
|            |                                                                          | 0643   |                      |
|            |                                                                          | 0213   | 0213 / 0743          |
|            |                                                                          | 0743   |                      |
|            |                                                                          | 0233   | 0233 / 0843          |
|            |                                                                          | 0843   |                      |
|            |                                                                          | 0263   | 0263 / 0943          |
|            |                                                                          | 0943   |                      |
|            |                                                                          | 0273   | 0273/0963            |
|            |                                                                          | 0963   |                      |
|            |                                                                          | 0303   | 0303 / 1093          |
|            |                                                                          | 1093   |                      |
|            |                                                                          | 0323   | 0323/1143            |
|            |                                                                          | 1143   |                      |
|            |                                                                          | 0333   | 0333/1173            |
|            |                                                                          | 1173   |                      |
|            |                                                                          | 0343   | 0343 / 1193          |
|            |                                                                          | 1193   |                      |
|            |                                                                          | 0373*  | 0373 / 1343          |
|            |                                                                          | 1343*  |                      |
|            |                                                                          | 0413*  | 0413 / 1443          |
|            |                                                                          | 1443*  |                      |
|            |                                                                          | 0443*  | 0443 / 1543          |
|            |                                                                          | 1543*  |                      |
|            |                                                                          | 0483*  | 0483 / 1693          |
|            |                                                                          | 1693*  |                      |
|            |                                                                          | 0523*  | 0523 / 1843          |
|            |                                                                          | 1843*  |                      |
|            |                                                                          | 0165   | 0165 / 0565          |
|            |                                                                          | 0565   |                      |

Note: \* Option has not yet been designed

**TABLE 1 - COMPLETE PIN NUMBER DESCRIPTION (CONT'D)**

| FEATURE         | FEATURE DESCRIPTION                                                                  | OPTION | OPTION DESCRIPTION |
|-----------------|--------------------------------------------------------------------------------------|--------|--------------------|
| UNTDSG (Cont'd) | Unit Designator<br>(PIN 5-8)<br>(PINS 5 through 7 are the<br>Frame Size)<br>(Cont'd) | 0195   | 0195 / 0665        |
|                 |                                                                                      | 0665   |                    |
|                 |                                                                                      | 0215   | 0215 / 0765        |
|                 |                                                                                      | 0765   |                    |
|                 |                                                                                      | 0245   | 0245 / 0865        |
|                 |                                                                                      | 0865   |                    |
|                 |                                                                                      | 0275   | 0275 / 0965        |
|                 |                                                                                      | 0965   |                    |
|                 |                                                                                      | 0295*  | 0295 / 1015        |
|                 |                                                                                      | 1015*  |                    |
|                 |                                                                                      | 0305*  | 0305 / 1065        |
|                 |                                                                                      | 1065*  |                    |
|                 |                                                                                      | 0345   | 0345 / 1215        |
|                 |                                                                                      | 1215   |                    |
|                 |                                                                                      | 0375*  | 0375 / 1315        |
|                 |                                                                                      | 1315*  |                    |
|                 |                                                                                      | 0425*  | 0425 / 1515        |
|                 |                                                                                      | 1515*  |                    |
|                 |                                                                                      | 0475*  | 0475 / 1665        |
|                 |                                                                                      | 1665*  |                    |
|                 |                                                                                      | 0178   | 0178 / 0588        |
|                 |                                                                                      | 0588   |                    |
|                 |                                                                                      | 0198   | 0198 / 0688        |
|                 |                                                                                      | 0688   |                    |
|                 |                                                                                      | 0218   | 0218 / 0788        |
|                 |                                                                                      | 0788   |                    |
|                 |                                                                                      | 0248   | 0248 / 0888        |
|                 |                                                                                      | 0888   |                    |
|                 |                                                                                      | 0278   | 0278 / 0988        |
|                 |                                                                                      | 0988   |                    |
|                 |                                                                                      | 0308   | 0308 / 1088        |
|                 |                                                                                      | 1088   |                    |
|                 |                                                                                      | 0318*  | 0338 / 1188        |
|                 |                                                                                      | 1188*  |                    |
|                 |                                                                                      | 0368*  | 0368 / 1288        |
|                 |                                                                                      | 1288*  |                    |
|                 |                                                                                      | 0398*  | 0398 / 1388        |
|                 |                                                                                      | 1388*  |                    |
|                 |                                                                                      | 0428*  | 0428 / 1488        |
|                 |                                                                                      | 1488*  |                    |
|                 |                                                                                      | 0200   | 0200 / 0700        |
|                 |                                                                                      | 0700   |                    |
|                 |                                                                                      | 0500*  | 0500 / 1750        |
|                 |                                                                                      | 1750*  |                    |

Note: \* Option has not yet been designed

**TABLE 1 - COMPLETE PIN NUMBER DESCRIPTION (CONT'D)**

| FEATURE    | FEATURE DESCRIPTION           | OPTION | OPTION DESCRIPTION                         |
|------------|-------------------------------|--------|--------------------------------------------|
| FLOADEFF   | Full Load Efficiency (PIN 9)  |        | For Marketing Purposes Only                |
| PLOADEFF   | Part Load Efficiency (PIN 10) |        | For Marketing Purposes Only                |
| SOUND      | Sound (PIN 11)                |        | For Marketing Purposes Only                |
| VOLTAGE    | Voltage (PIN 12, 13)          | 17     | 200/3/60                                   |
|            |                               | 28     | 230/3/60                                   |
|            |                               | 40     | 380/3/60                                   |
|            |                               | 46     | 460/3/60                                   |
|            |                               | 50     | 380-415/3/50                               |
|            |                               | 58     | 575/3/60                                   |
| MODLVL     | Modification Level (PIN 14)   | A      | Modification Level                         |
| REF        | Refrigerant (PIN 15)          | A      | R-134a or R-513A Refrigerant               |
| STARTERTYP | Starter Type (PIN 16)         | V      | Standard VSD                               |
|            |                               | R*     | VSD with Active Filter                     |
|            |                               | Q      | Special quote                              |
| POWERFLD   | Power Field (PIN 17)          | B      | SP Circuit Breaker w/ Lockable Handle      |
|            |                               | D*     | MP Supply TB                               |
|            |                               | M*     | MP Circuit Breaker w/Lockable Handle       |
|            |                               | N      | SP NF Disconnect Switch w/Lockable Handle  |
|            |                               | P*     | MP NF Disconnect Switch w/ Lockable Handle |
|            |                               | S      | SP Supply TB                               |
|            |                               | Q      | Special quote                              |
| PIN18      | PIN 18                        | X      | No selection                               |
|            |                               | Q      | Special quote                              |
| PANELOPT   | Panel Options (PIN 19)        | X      | No selection                               |
|            |                               | O*     | Convenience outlet                         |
|            |                               | M*     | Convenience Outlet with KW meter           |
|            |                               | W*     | KW meter                                   |
|            |                               | Q      | Special quote                              |
| AMB        | Ambient Kits PIN 20           | X      | No selection                               |
|            |                               | B*     | Both Low and High Ambient kits             |
|            |                               | H      | High Ambient kit                           |
|            |                               | L*     | Low Ambient kit                            |
|            |                               | Q      | Special quote                              |
| BAS        | BAS Reset/Offset (PIN 21)     | X      | No selection                               |
|            |                               | B      | BAS/EMS Both Temp and Current Reset/Offset |
|            |                               | C      | BAS/EMS Current Reset/Offset               |
|            |                               | E      | BACNet Elink Kit (factory mounted)         |
|            |                               | L      | LON E-Link Kit (factory mounted)           |
|            |                               | T      | BAS/EMS Temp Reset/Offset                  |
|            |                               | Q      | Special quote                              |

Note: \* Option has not yet been designed

**TABLE 1 - COMPLETE PIN NUMBER DESCRIPTION (CONT'D)**

| FEATURE   | FEATURE DESCRIPTION             | OPTION | OPTION DESCRIPTION                                          |
|-----------|---------------------------------|--------|-------------------------------------------------------------|
| LANGDESP  | Language/Display (PIN 22)       | A      | English                                                     |
|           |                                 | C      | English LCD with Chinese keypad overlay                     |
|           |                                 | E*     | Chinese                                                     |
|           |                                 | F      | French                                                      |
|           |                                 | G      | German                                                      |
|           |                                 | H      | Hungarian                                                   |
|           |                                 | I      | Italian                                                     |
|           |                                 | J*     | Japanese                                                    |
|           |                                 | K*     | Korean                                                      |
|           |                                 | L      | Polish                                                      |
|           |                                 | N*     | Dutch                                                       |
|           |                                 | P      | Portuguese                                                  |
|           |                                 | R*     | Russian                                                     |
|           |                                 | S*     | Spanish                                                     |
|           |                                 | W*     | Swedish                                                     |
|           |                                 | Z*     | Czech                                                       |
|           |                                 | Q*     | Special quote                                               |
| SYSPARM   | System Parameter (PIN 23)       | X      | No selection                                                |
|           |                                 | K      | Quick Start                                                 |
|           |                                 | M      | Quick Start and Silent Night / Load limiting control option |
|           |                                 | N      | Silent Night sound / Load limiting control option           |
|           |                                 | Q      | Special quote                                               |
| SAFETYCDE | Safety Code (PIN 24)            | C      | European Safety Code (CE)                                   |
|           |                                 | G*     | China Safety Code (GB)                                      |
|           |                                 | L      | N. American Safety Code (cUL/cETL)                          |
|           |                                 | Q      | Special Safety Code                                         |
| SENSOR    | Sensor (PIN 25)                 | X      | No selection                                                |
|           |                                 | Q      | Special quote                                               |
| PUMPCTRL  | Pump Control (PIN 26)           | X      | No selection                                                |
|           |                                 | Q      | Special quote                                               |
| REMOTEPNL | Remote Panel (PIN 27)           | X      | No selection                                                |
|           |                                 | O*     | Optiview Remote Control Panel                               |
|           |                                 | Q      | Special quote                                               |
| SEQCTRL   | Sequence Control (PIN 28)       | X      | No selection                                                |
|           |                                 | S*     | Sequence Control and Automatic Lead Transfer = {seq}        |
|           |                                 | Q      | Special quote                                               |
| PIN29     | PIN 29                          | X      | No selection                                                |
|           |                                 | Q      | Special quote                                               |
| PIN30     | PIN 30                          | X      | No selection                                                |
|           |                                 | Q      | Special quote                                               |
| LWT       | Leaving Water Temp (PIN 31, 32) | NUM    | Leaving Water Temp = {LWT} Degrees                          |
|           |                                 | TS*    | Thermal storage                                             |
|           |                                 | QQ     | Special quote                                               |

Note: \* Option has not yet been designed

**TABLE 1 - COMPLETE PIN NUMBER DESCRIPTION (CONT'D)**

| FEATURE   | FEATURE DESCRIPTION                   | OPTION | OPTION DESCRIPTION                                              |
|-----------|---------------------------------------|--------|-----------------------------------------------------------------|
| PIPECODE  | Piping Code (PIN 33)                  | X      | No selection                                                    |
|           |                                       | C*     | Chicago Code Relief                                             |
|           |                                       | R      | Dual Relief Valves                                              |
|           |                                       | Q      | Special quote                                                   |
| METERDEV  | Metering Device (PIN 34)              | E*     | EEV                                                             |
|           |                                       | O      | Orifice                                                         |
|           |                                       | Q      | Special quote                                                   |
| VALVEOPT  | Valve Options (PIN 35)                | X      | No selection                                                    |
|           |                                       | F*     | Suction and filter dryer service valve                          |
|           |                                       | S      | Suction service valve                                           |
|           |                                       | Q      | Special quote                                                   |
| PIN36     | PIN 36                                | X      | No selection                                                    |
|           |                                       | Q      | Special quote                                                   |
| PIN37     | PIN 37                                | X      | No selection                                                    |
|           |                                       | Q      | Special quote                                                   |
| CPRVAR    | Compressor Variation (PIN 38)         | S      | Standard Compressor                                             |
|           |                                       | V      | Optimized Compressor                                            |
|           |                                       | Q      | Special quote                                                   |
| CPRFQ     | Compressor Frequency (PIN 39, 40, 41) | NUM    | Compressor Frequency = {CNUM}                                   |
|           |                                       | QQQ    | Special quote                                                   |
| HTR       | Heaters (PIN 42)                      | X      | No selection                                                    |
|           |                                       | W      | Water box heaters                                               |
|           |                                       | Q      | Special quote                                                   |
| DWP       | DWP (PIN 43)                          | 1      | 150psig DWP Waterside                                           |
|           |                                       | 3*     | 300psig DWP Waterside                                           |
|           |                                       | Q      | Special quote                                                   |
| INS       | Insulation (PIN 44)                   | D      | Double Thickness                                                |
|           |                                       | S      | Single Thickness                                                |
|           |                                       | Q      | Special quote                                                   |
| SHPLOSFLG | Ship Loose Flange Kit (PIN 45)        | X      | No selection                                                    |
|           |                                       | F      | Victaulic Flanges with welded mating flanges (4 shipped loose)  |
|           |                                       | M      | Weldable flanges with mating weldable flanges (4 shipped loose) |
|           |                                       | V      | Victaulic Flanges (2 shipped loose)                             |
|           |                                       | W      | Weldable flanges (2 shipped loose)                              |
|           |                                       | Q      | Special quote                                                   |

Note: \* Option has not yet been designed



**TABLE 1 - COMPLETE PIN NUMBER DESCRIPTION (CONT'D)**

| FEATURE  | FEATURE DESCRIPTION                     | OPTION | OPTION DESCRIPTION                                       |
|----------|-----------------------------------------|--------|----------------------------------------------------------|
| FLOW     | Flow Switch (PIN 46)                    | X      | No selection                                             |
|          |                                         | D      | One Differential Pressure Switch                         |
|          |                                         | E      | Two Differential Pressure Switches                       |
|          |                                         | F      | Three Differential Pressure Switches                     |
|          |                                         | G      | One Thermal Dispersion Switch                            |
|          |                                         | H      | Two Thermal Dispersion Switch                            |
|          |                                         | I      | Three Thermal Dispersion Switch                          |
|          |                                         | S      | One Flow Switch                                          |
|          |                                         | T      | Two Flow Switches                                        |
|          |                                         | U      | Three Flow Switches                                      |
|          |                                         | Q      | Special quote                                            |
| VESSEL   | Vessel Codes (PIN 47)                   | A      | ASME Pressure Vessel Codes                               |
|          |                                         | E      | PED Pressure Vessel Codes                                |
|          |                                         | G*     | GB Pressure Vessel Codes                                 |
|          |                                         | Q      | Special quote                                            |
| CLR      | Cooler (PIN 48)                         | 1*     | Integral One Water Pass Cooler                           |
|          |                                         | 2      | Integral Two Water Pass Cooler                           |
|          |                                         | 3*     | Integral Triple Water Pass Cooler                        |
|          |                                         | A*     | Remote One Water Pass Cooler                             |
|          |                                         | B*     | Remote Two Water Pass Cooler                             |
|          |                                         | C*     | Remote Triple Water Pass Cooler                          |
|          |                                         | Q      | Special quote                                            |
| EVAPCONN | Evaporator Connection location (PIN 49) | B      | Back Fluid Inlet Connection (opposite control panel end) |
|          |                                         | F*     | Front Fluid Inlet Connection (control panel end)         |
|          |                                         | Q      | Special quote                                            |
| COILS    | Coils (PIN 50)                          | A*     | Copper tube aluminum fin coils                           |
|          |                                         | B*     | Pre-Coated Slit-Fin Coils (tube and fin)                 |
|          |                                         | C*     | Copper Fin Coils (tube and fin)                          |
|          |                                         | E*     | Pre-Coated Non-Slit Fin Coils (tube and fin)             |
|          |                                         | M      | Microchannel coils                                       |
|          |                                         | N      | Post-coated Microchannel coils                           |
|          |                                         | P*     | Post-Coated Dipped Coils (tube and fin)                  |
|          |                                         | Q      | Special quote                                            |
| PIN51    | PIN 51                                  | X      | No selection                                             |
|          |                                         | Q      | Special quote                                            |

Note: \* Option has not yet been designed

**TABLE 1 - COMPLETE PIN NUMBER DESCRIPTION (CONT'D)**

| FEATURE   | FEATURE DESCRIPTION          | OPTION | OPTION DESCRIPTION                                |
|-----------|------------------------------|--------|---------------------------------------------------|
| FANTYP    | Fan Type (PIN 52)            | F      | Low Sound Fans                                    |
|           |                              | G      | High Airflow Fans                                 |
|           |                              | H      | High Static Fans                                  |
|           |                              | K      | High Airflow Fans with Variable Speed Control     |
|           |                              | L      | Ultra Quiet Fans                                  |
|           |                              | M      | Ultra Quiet Fans with Variable Speed Control      |
|           |                              | V      | Low Sound Fans with Variable Speed Control        |
|           |                              | W*     | Whisper Quiet Fans                                |
|           |                              | Z*     | Whisper Quiet Fans with Variable Speed Control    |
|           |                              | Q      | Special quote                                     |
| ENCLPNL   | Enclosure Panels (PIN 53)    | X      | No selection                                      |
|           |                              | 1      | Wire (Full Unit) Encl Panels (factory)            |
|           |                              | 2*     | Wire (Full Unit) Encl Panels (field)              |
|           |                              | 3      | Wire/Louvered Encl Panels (factory)               |
|           |                              | 4*     | Wire/Louvered Encl Panels (field)                 |
|           |                              | 5      | Louvered (cond only) Encl Panels (factory)        |
|           |                              | 6*     | Louvered (cond only) Encl Panels (field)          |
|           |                              | 7      | Louvered (full unit) Encl Panels (factory)        |
|           |                              | 8*     | Louvered (full unit) Encl Panels (field)          |
|           |                              | 9      | End Louver (End Hail Guard) Encl Panels (Factory) |
|           |                              | A*     | End Louver (End Hail Guard) Encl Panels(Field)    |
|           |                              | B      | V-Guard Panels only (factory)                     |
|           |                              | C*     | V-Guard Panels only (field)                       |
|           |                              | D      | V-Guard Panels plus Hail Guards (factory)         |
|           |                              | E*     | V-Guard Panels plus Hail Guards (field)           |
|           |                              | F      | Top Edge Guard (factory)                          |
|           |                              | G*     | Top Edge Guard (field)                            |
|           |                              | Q      | Special quote                                     |
| NOISERDCT | Noise Reduction Kit (PIN 54) | X      | No selection                                      |
|           |                              | E      | Economical Low Noise kit                          |
|           |                              | N      | Low Noise kit (level 2 reduction) (factory)       |
|           |                              | O*     | Low Noise kit (level 2 reduction) (field)         |
|           |                              | R      | Low Noise kit (level 1 reduction) (factory)       |
|           |                              | S*     | Low Noise kit (level 1 reduction) (field)         |
|           |                              | U*     | Low Noise kit (level 3 reduction) (factory)       |
|           |                              | V*     | Low Noise kit (level 3 reduction) (field)         |
|           |                              | Q      | Special quote                                     |
| ISOL      | Vibration Isolators (PIN 55) | X      | No selection                                      |
|           |                              | 1      | 1" Deflection Isolators                           |
|           |                              | N      | Neoprene Isolators                                |
|           |                              | S      | Seismic Isolators                                 |
|           |                              | Q      | Special quote                                     |

Note: \* Option has not yet been designed

**TABLE 1 - COMPLETE PIN NUMBER DESCRIPTION (CONT'D)**

| FEATURE   | FEATURE DESCRIPTION                 | OPTION | OPTION DESCRIPTION         |
|-----------|-------------------------------------|--------|----------------------------|
| STRMOD    | Structural Modification<br>(PIN 56) | X      | No selection               |
|           |                                     | D*     | Unit shipped in two pieces |
|           |                                     | S*     | Seismic Unit               |
|           |                                     | Q      | Special quote              |
| PIN57     | PIN 57                              | X      | No selection               |
|           |                                     | Q      | Special quote              |
| SPAPP     | Special Applications (PIN 58)       | X      | No selection               |
|           |                                     | D*     | Desuperheater              |
|           |                                     | F*     | Free cooling               |
|           |                                     | H*     | Full heat recovery         |
|           |                                     | Q      | Special quote              |
| PMPPKG    | Pump Package (PIN 59)               | X      | No selection               |
|           |                                     | Q      | Special quote              |
| PMPPKGOPT | Pump Package<br>options (PIN 60)    | X      | No Selection               |
|           |                                     | Q      | Special quote              |

Note: \* Option has not yet been designed

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## SECTION 1 - EVAPORATOR COMPONENTS

1

**TABLE 2 - EVAPORATORS**

| MODEL                                                                                   | DESCRIPTION                                                        | PART NUMBER     |
|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------|-----------------|
| 0153/0543<br>0165/0565<br>0198/0688<br>0233/0843<br>0263/0943                           | Evaporator, Single Insulated, with Economical Low Noise Kit (ASME) | 375 89864 001   |
|                                                                                         | Evaporator, Double Insulated, with Economical Low Noise Kit (ASME) | 375 89864 002   |
|                                                                                         | Evaporator, Single Insulated, (ASME)                               | 375 89864 003   |
|                                                                                         | Evaporator, Double Insulated, (ASME)                               | 375 89864 004   |
|                                                                                         | Evaporator, Single Insulated, with Low Noise Kit (ASME)            | 375 89864 005   |
|                                                                                         | Evaporator, Double Insulated, with Low Noise Kit (ASME)            | 375 89864 006   |
|                                                                                         | Evaporator, Single Insulated, with Economical Low Noise Kit (PED)  | 375 89864 991   |
|                                                                                         | Evaporator, Double Insulated, with Economical Low Noise Kit (PED)  | 375 89864 992   |
|                                                                                         | Evaporator, Single Insulated, (PED)                                | 375 89864 993 * |
|                                                                                         | Evaporator, Double Insulated, (PED)                                | 375 89864 994 * |
|                                                                                         | Evaporator, Single Insulated, with Low Noise Kit (PED)             | 375 89864 995 * |
|                                                                                         | Evaporator, Double Insulated, with Low Noise Kit (PED)             | 375 89864 996 * |
|                                                                                         |                                                                    |                 |
| 0178/0588<br>0215/0765<br>0218/0788<br>0245/0865<br>0248/0888<br>0303/1093<br>0333/1173 | Evaporator, Single Insulated, with Economical Low Noise Kit (ASME) | 375 93209 001   |
|                                                                                         | Evaporator, Double Insulated, with Economical Low Noise Kit (ASME) | 375 93209 002   |
|                                                                                         | Evaporator, Single Insulated, (ASME)                               | 375 93209 003   |
|                                                                                         | Evaporator, Double Insulated, (ASME)                               | 375 93209 004   |
|                                                                                         | Evaporator, Double Insulated, with Low Noise Kit (ASME)            | 375 93209 006   |
|                                                                                         | Evaporator, Single Insulated, with Economical Low Noise Kit (PED)  | 375 93209 991   |
|                                                                                         | Evaporator, Double Insulated, with Economical Low Noise Kit (PED)  | 375 93209 992   |
|                                                                                         | Evaporator, Single Insulated, (PED)                                | 375 93209 993 * |
|                                                                                         | Evaporator, Double Insulated, (PED)                                | 375 93209 994 * |
|                                                                                         | Evaporator, Single Insulated, with Low Noise Kit (PED)             | 375 93209 995 * |
|                                                                                         | Evaporator, Double Insulated, with Low Noise Kit (PED)             | 375 93209 996 * |
|                                                                                         |                                                                    |                 |
| 0183/0643<br>0195/0665<br>0213/0743                                                     | Evaporator, Single Insulated, with Economical Low Noise Kit (ASME) | 375 93930 001   |
|                                                                                         | Evaporator, Double Insulated, with Economical Low Noise Kit (ASME) | 375 93930 002   |
|                                                                                         | Evaporator, Single Insulated, (ASME)                               | 375 93930 003   |
|                                                                                         | Evaporator, Double Insulated, (ASME)                               | 375 93930 004   |
|                                                                                         | Evaporator, Single Insulated, with Low Noise Kit (ASME)            | 375 93930 005   |
|                                                                                         | Evaporator, Double Insulated, with Low Noise Kit (ASME)            | 375 93930 006   |
|                                                                                         | Evaporator, Single Insulated, with Economical Low Noise Kit (PED)  | 375 93930 991   |
|                                                                                         | Evaporator, Double Insulated, with Economical Low Noise Kit (PED)  | 375 93930 992   |
|                                                                                         | Evaporator, Single Insulated, (PED)                                | 375 93930 993 * |
|                                                                                         | Evaporator, Double Insulated, (PED)                                | 375 93930 994 * |
|                                                                                         | Evaporator, Single Insulated, with Low Noise Kit (PED)             | 375 93930 995 * |
|                                                                                         | Evaporator, Double Insulated, with Low Noise Kit (PED)             | 375 93930 996 * |
|                                                                                         |                                                                    |                 |
| 0200/0700                                                                               | Evaporator, Single Insulated, with Low Noise Kit (ASME)            | 375 93209 005   |

Notes: 1. Evaporators include insulation and heaters. For evaporators without insulation and heater plus other evaporator components, see Table 3 on page 19.

2. \* Not available at time of printing.

**TABLE 2 - EVAPORATORS (CONT'D)**

| MODEL                                                                      | DESCRIPTION                                                        | PART NUMBER     |
|----------------------------------------------------------------------------|--------------------------------------------------------------------|-----------------|
| 0273/0963                                                                  | Evaporator, Single Insulated, with Economical Low Noise Kit (ASME) | 392 02454 001   |
|                                                                            | Evaporator, Double Insulated, with Economical Low Noise Kit (ASME) | 392 02454 002   |
|                                                                            | Evaporator, Single Insulated, (ASME)                               | 392 02454 003   |
|                                                                            | Evaporator, Double Insulated, (ASME)                               | 392 02454 004   |
|                                                                            | Evaporator, Single Insulated, with Low Noise Kit (ASME)            | 392 02454 005   |
|                                                                            | Evaporator, Double Insulated, with Low Noise Kit (ASME)            | 392 02454 006   |
|                                                                            | Evaporator, Single Insulated, with Economical Low Noise Kit (PED)  | 392 02454 991   |
|                                                                            | Evaporator, Double Insulated, with Economical Low Noise Kit (PED)  | 392 02454 992   |
|                                                                            | Evaporator, Single Insulated, (PED)                                | 392 02454 993 * |
|                                                                            | Evaporator, Double Insulated, (PED)                                | 392 02454 994 * |
|                                                                            | Evaporator, Single Insulated, with Low Noise Kit (PED)             | 392 02454 995 * |
|                                                                            | Evaporator, Double Insulated, with Low Noise Kit (PED)             | 392 02454 996 * |
| 0275/0965<br>0278/0988<br>0308/1088<br>0323/1143<br>0343/1193<br>0345/1215 | Evaporator, Single Insulated, with Economical Low Noise Kit (ASME) | 375 93189 001   |
|                                                                            | Evaporator, Double Insulated, with Economical Low Noise Kit (ASME) | 375 93189 002   |
|                                                                            | Evaporator, Single Insulated, (ASME)                               | 375 93189 003   |
|                                                                            | Evaporator, Double Insulated, (ASME)                               | 375 93189 004   |
|                                                                            | Evaporator, Single Insulated, with Low Noise Kit (ASME)            | 375 93189 005   |
|                                                                            | Evaporator, Double Insulated, with Low Noise Kit (ASME)            | 375 93189 006   |
|                                                                            | Evaporator, Single Insulated, with Economical Low Noise Kit (PED)  | 375 93189 991   |
|                                                                            | Evaporator, Double Insulated, with Economical Low Noise Kit (PED)  | 375 93189 992   |
|                                                                            | Evaporator, Single Insulated, (PED)                                | 375 93189 993 * |
|                                                                            | Evaporator, Double Insulated, (PED)                                | 375 93189 994 * |
|                                                                            | Evaporator, Single Insulated, with Low Noise Kit (PED)             | 375 93189 995 * |
|                                                                            | Evaporator, Double Insulated, with Low Noise Kit (PED)             | 375 93189 996 * |

Notes: 1. Evaporators include insulation and heaters. For evaporators without insulation and heater plus other evaporator components, see Table 3 on page 19.

2. \* Not available at time of printing.

**TABLE 3 - EVAPORATOR COMPONENTS**

| ITEM | MODELS    | DESCRIPTION                            | PART NUMBER                   | QUANTITY | FIGURE |
|------|-----------|----------------------------------------|-------------------------------|----------|--------|
| 1    | 0153/0543 | Evaporator, less Heater and Insulation | 375 89864 000 <sup>1</sup>    | 1        | 2      |
|      | 0165/0565 |                                        |                               |          |        |
|      | 0198/0688 |                                        |                               |          |        |
|      | 0233/0843 |                                        | 375 89864 990 <sup>1</sup>    | 1        | 2      |
|      | 0263/0943 |                                        |                               |          |        |
| 1    | 0275/0965 | Evaporator, less Heater and Insulation | 375 93189 000 <sup>1</sup>    | 1        | 2      |
|      | 0278/0988 |                                        |                               |          |        |
|      | 0308/1088 |                                        |                               |          |        |
|      | 0323/1143 |                                        |                               |          |        |
|      | 0343/1193 |                                        | 375 93189 990 <sup>1</sup>    | 1        | 2      |
| 1    | 0345/1215 |                                        |                               |          |        |
|      | 0178/0588 | Evaporator, less Heater and Insulation | 375 93209 000 <sup>1</sup>    | 1        | 2      |
|      | 0200/0700 |                                        |                               |          |        |
|      | 0215/0765 |                                        |                               |          |        |
|      | 0218/0788 |                                        |                               |          |        |
|      | 0245/0865 |                                        | 375 93209 990 <sup>1</sup>    | 1        | 2      |
| 1    | 0248/0888 |                                        |                               |          |        |
|      | 0303/1093 |                                        |                               |          |        |
|      | 0333/1173 |                                        |                               |          |        |
|      | 0183/0643 | Evaporator, less Heater and Insulation | 375 93930 000 <sup>1, 2</sup> | 1        | 2      |
|      | 0195/0665 |                                        |                               |          |        |
|      | 0213/0743 |                                        | 375 93930 990 <sup>1, 3</sup> | 1        | 2      |
|      | 0183/0643 |                                        |                               |          |        |
|      | 0195/0665 |                                        |                               |          |        |
| 1    | 0213/0743 |                                        |                               |          |        |
|      | 0273/0963 |                                        | 392 02454 000 <sup>1, 2</sup> | 1        | 2      |
| 3    | 0273/0963 | Waterbox, Back, Weldment Ffe230        | 392 02454 990 <sup>1, 3</sup> | 1        | 2      |
|      | 0153/0543 |                                        |                               |          |        |
|      | 0165/0565 |                                        |                               |          |        |
|      | 0178/0588 |                                        |                               |          |        |
|      | 0198/0688 |                                        |                               |          |        |
|      | 0200/0700 |                                        |                               |          |        |
|      | 0215/0765 |                                        |                               |          |        |
|      | 0218/0788 |                                        | 375 93963 000                 | 1        | 2      |
|      | 0233/0843 |                                        |                               |          |        |
|      | 0245/0865 |                                        |                               |          |        |
|      | 0248/0888 |                                        |                               |          |        |
|      | 0263/0943 |                                        |                               |          |        |
|      | 0303/1093 |                                        |                               |          |        |
|      | 0333/1173 |                                        |                               |          |        |

Notes: 1. Evaporators are without heater and insulation. For evaporator part numbers with insulation and heater see Table 2 on page 17.

2. ASME pressure vessel code.

3. PED pressure code.

**TABLE 3 - EVAPORATOR COMPONENTS (CONT'D)**

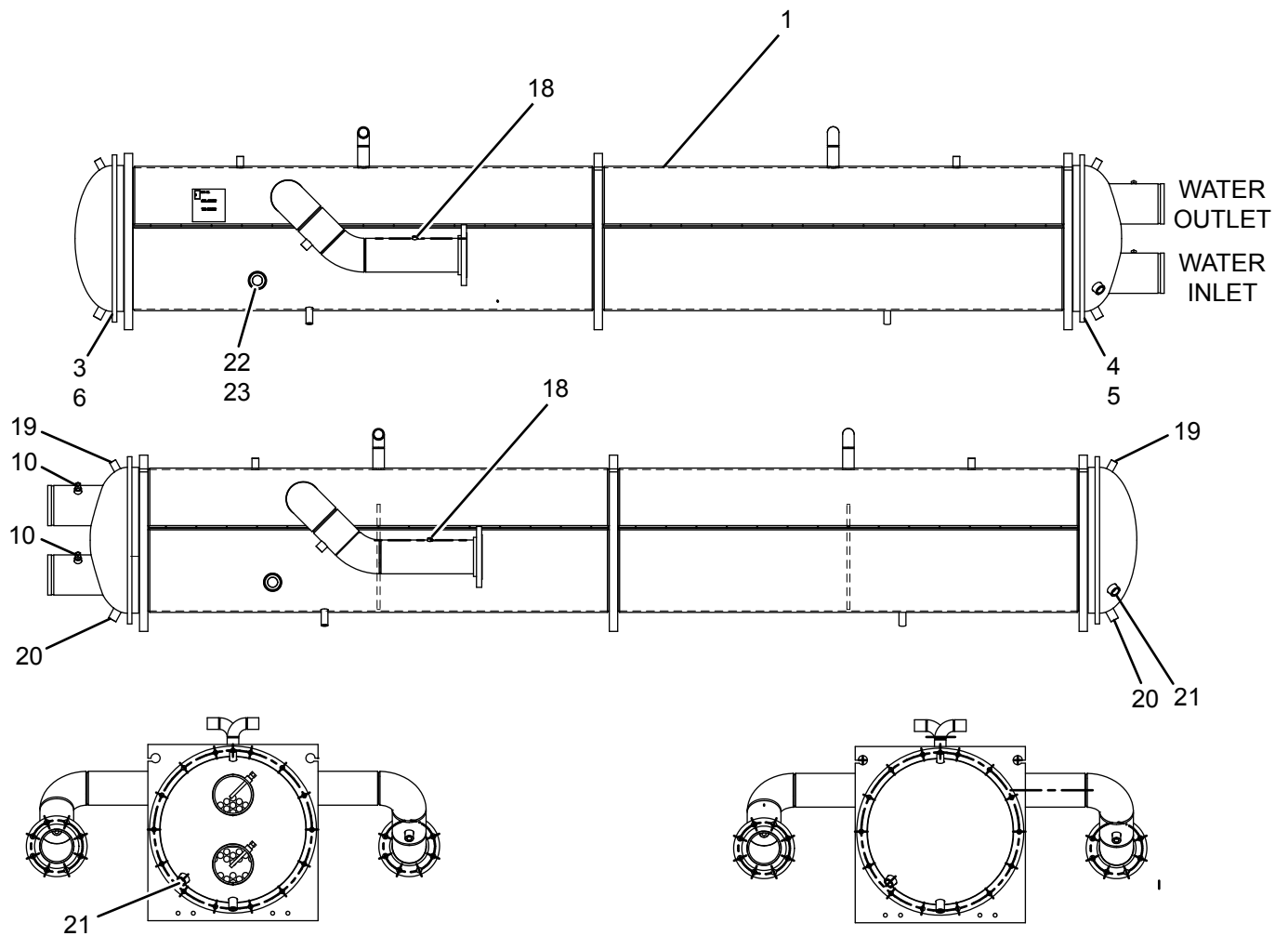
| ITEM | MODELS                                                                                               | DESCRIPTION                           | PART NUMBER                | QUANTITY | FIGURE |
|------|------------------------------------------------------------------------------------------------------|---------------------------------------|----------------------------|----------|--------|
| 3    | 0183/0643<br>0195/0665<br>0213/0743                                                                  | Waterbox, Back                        | 375 93934 000              | 1        | 2      |
|      | 0273/0963                                                                                            |                                       | 375 93934 000 <sup>4</sup> | 1        | 2      |
|      |                                                                                                      |                                       | 375 93963 000 <sup>3</sup> | 1        | 2      |
|      | 0275/0965<br>0278/0988<br>0308/1088<br>0323/1143<br>0343/1193<br>0345/1215                           |                                       | 375 93190 000              | 1        | 2      |
|      |                                                                                                      |                                       |                            |          |        |
| 4    | 0153/0543<br>0165/0565<br>0198/0688<br>0233/0843<br>0263/0943                                        | Waterbox, Front                       | 375 93959 000              | 1        | 2      |
|      | 0183/0643<br>0195/0665<br>0213/0743                                                                  |                                       | 375 93933 000              | 1        | 2      |
|      | 0273/0963                                                                                            |                                       | 375 93977 000 <sup>3</sup> | 1        | 2      |
|      |                                                                                                      |                                       | 375 93933 000 <sup>4</sup> | 1        | 2      |
|      | 0275/0965<br>0278/0988<br>0308/1088<br>0323/1143<br>0343/1193<br>0345/1215                           |                                       | 375 93191 000              | 1        | 2      |
|      | 0178/0588<br>0200/0700<br>0215/0765<br>0218/0788<br>0245/0865<br>0248/0888<br>0303/1093<br>0333/1173 |                                       | 375 93977 000              | 1        | 2      |
|      |                                                                                                      |                                       |                            |          |        |
|      |                                                                                                      |                                       |                            |          |        |
|      |                                                                                                      |                                       |                            |          |        |
|      |                                                                                                      |                                       |                            |          |        |
| 5    | ALL                                                                                                  | Gasket, Channel, 50 Durometer         | 028 09951 000              | A/R      | 2      |
| 6    | ALL                                                                                                  | Heater, 280W, 120V (not shown)        | 025 22691 000              | 2        | 2      |
| 10   | ALL                                                                                                  | Well Thermo                           | 026 32328 000              | 2        | 2      |
| 18   | ALL                                                                                                  | Plug Pipe, 1/4", Square Head          | 023 01972 000              | 2        | 2      |
| 19   | ALL                                                                                                  | Plug Pipe, 1/2", Square Head          | 023 03822 000              | 4        | 2      |
| 20   | ALL                                                                                                  | Plug Pipe, 3/4", Square Head          | 023 04053 000              | 2        | 2      |
| 21   | ALL                                                                                                  | Plug Pipe, 1", Square Head            | 023 04054 000              | 2        | 2      |
| 22   | ALL                                                                                                  | Sight Glass                           | 028 12961 036              | 1        | 2      |
| 23   | ALL                                                                                                  | O-ring, Sight Glass                   | 028 12961 000              | 2        | 2      |
| 24   | ALL                                                                                                  | Sensor, Water Temperature (not shown) | 025 40334 000              | 2        | 2      |

Notes: 1. Evaporators are without heater and insulation. For evaporator part numbers with insulation and heater see Table 2 on page 17.

2. ASME pressure vessel code.

3. PED pressure code.





LD15900

**FIGURE 2 - EVAPORATOR COMPONENTS**

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## SECTION 2 - CONDENSER COILS

**TABLE 4 - CONDENSER COILS, ALUMINUM AND POST COATED**

| ITEM | MODEL     | COILS PER UNIT | PART NUMBER   | DESCRIPTION                     | FIGURE |
|------|-----------|----------------|---------------|---------------------------------|--------|
| 2    | 0153/0543 | 8              | 026 45677 000 | Coil, Microchannel              | 3      |
|      | 0165/0565 | 10             |               |                                 |        |
|      | 0178/0588 | 12             |               |                                 |        |
|      | 0183/0643 | 10             |               |                                 |        |
|      | 0195/0665 | 12             |               |                                 |        |
|      | 0198/0688 | 14             |               |                                 |        |
|      | 0200/0700 | 8              |               |                                 |        |
|      | 0213/0743 | 12             |               |                                 |        |
|      | 0215/0765 | 12             |               |                                 |        |
|      | 0218/0788 | 14             |               |                                 |        |
|      | 0233/0843 | 12             |               |                                 |        |
|      | 0245/0865 | 14             |               |                                 |        |
|      | 0248/0888 | 16             |               |                                 |        |
|      | 0263/0943 | 14             |               |                                 |        |
|      | 0275/0965 | 14             |               |                                 |        |
|      | 0278/0988 | 16             |               |                                 |        |
| 2    | 0273/0963 | 14             | 026 46798 000 | Coil, Microchannel              | 3      |
|      | 0303/1093 | 16             |               |                                 |        |
|      | 0308/1088 | 18             |               |                                 |        |
|      | 0323/1143 | 16             |               |                                 |        |
|      | 0333/1173 | 18             |               |                                 |        |
|      | 0343/1193 | 18             |               |                                 |        |
|      | 0345/1215 | 20             |               |                                 |        |
| 2    | 0153/0543 | 8              | 326 45677 000 | Coil, Microchannel, Post Coated | 3      |
|      | 0165/0565 | 10             |               |                                 |        |
|      | 0178/0588 | 12             |               |                                 |        |
|      | 0183/0643 | 10             |               |                                 |        |
|      | 0195/0665 | 12             |               |                                 |        |
|      | 0198/0688 | 14             |               |                                 |        |
|      | 0200/0700 | 8              |               |                                 |        |
|      | 0213/0743 | 12             |               |                                 |        |
|      | 0215/0765 | 12             |               |                                 |        |
|      | 0218/0788 | 14             |               |                                 |        |
|      | 0233/0843 | 12             |               |                                 |        |
|      | 0245/0865 | 14             |               |                                 |        |
|      | 0248/0888 | 16             |               |                                 |        |
|      | 0263/0943 | 14             |               |                                 |        |
|      | 0275/0965 | 14             |               |                                 |        |
|      | 0278/0988 | 16             |               |                                 |        |
| 2    | 0273/0963 | 14             | 326 46798 000 | Coil, Microchannel, Post Coated | 3      |
|      | 0303/1093 | 16             |               |                                 |        |
|      | 0308/1088 | 18             |               |                                 |        |
|      | 0323/1143 | 16             |               |                                 |        |
|      | 0333/1173 | 18             |               |                                 |        |
|      | 0343/1193 | 18             |               |                                 |        |
|      | 0345/1215 | 16             |               |                                 |        |

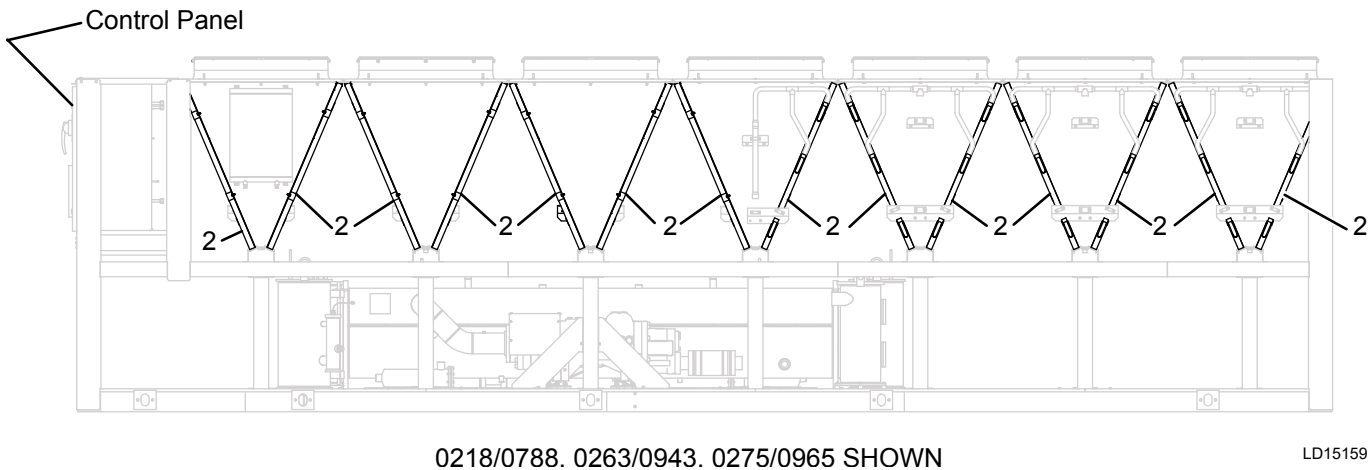
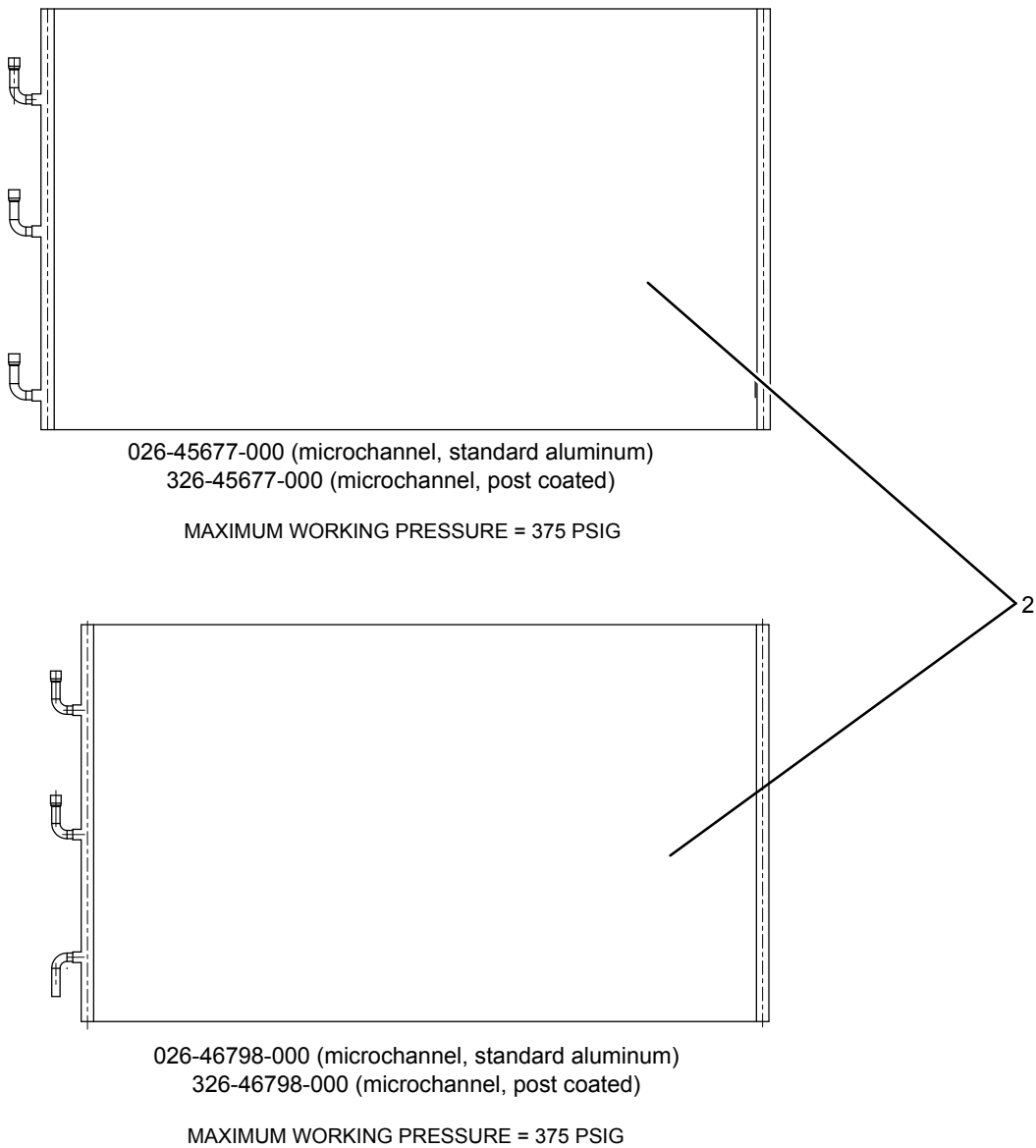


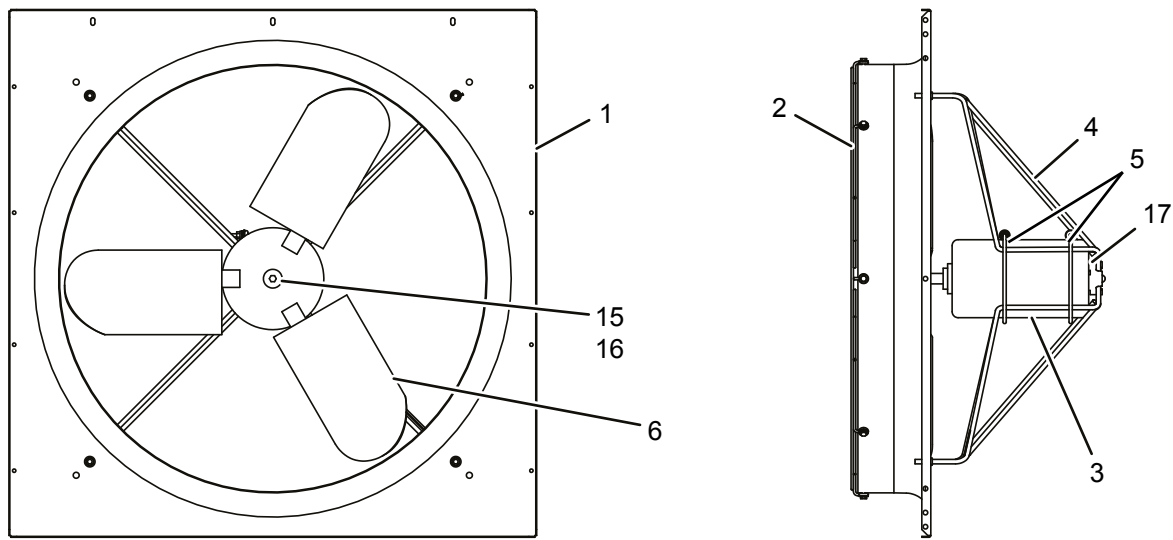
FIGURE 3 - CONDENSER COILS, TYPICAL CONFIGURATION

## SECTION 3 - FAN COMPONENTS

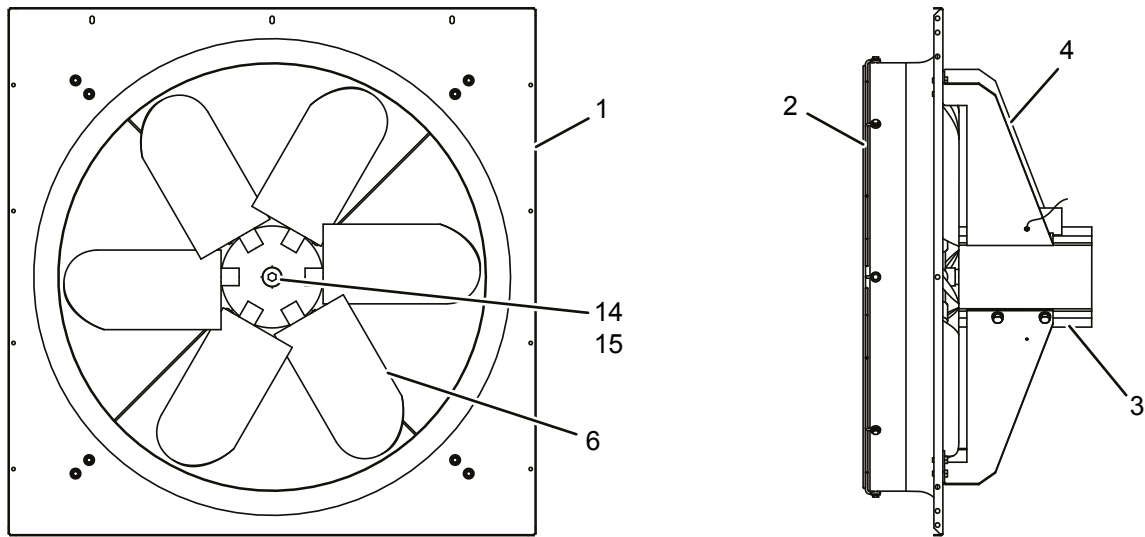
**TABLE 5 - FAN COMPONENTS FOR LOW SOUND, ULTRA QUIET AND HIGH FLOW/ HIGH STATIC FANS**

| ITEM | DESCRIPTION                        | VOLTAGE CODE           | FAN TYPE      |                 |               |               | FIGURE |
|------|------------------------------------|------------------------|---------------|-----------------|---------------|---------------|--------|
|      |                                    |                        | LOW SOUND     | ULTRA QUIET FAN | HIGH AIR-FLOW | HIGH STATIC   |        |
| 1    | Orifice, Flanged                   | ALL                    | 026-45682-000 |                 |               |               | 4      |
| 2    | Guard, Fan                         | ALL                    | 026-46008-000 |                 |               |               | 4      |
|      | Guard, Fan Ce                      | 50                     | 026-46008-001 |                 |               |               | 4      |
| 3    | Motor, Fan, 2 Hp, 6 Pole, 950 RPM  | 17, 28, 46, 50, 58     | 024-36873-107 | ----            | ----          | ----          | 4      |
|      | Motor, Fan, 2 Hp, 6 Pole, 1150 RPM | 40, 42                 | 024-36873-104 | ----            | ----          | ----          | 4      |
|      | Motor, Fan, 8 Pole, 690/850 RPM    | 17, 28, 46, 58         | ----          | 024-34980-101   | ----          | ----          | 4      |
|      | Motor, Fan, 8 Pole, 850 RPM        | 40, 42                 | ----          | 024-34980-105   | ----          | ----          | 4      |
|      | Motor, Fan, 8 Pole, 690 RPM        | 50                     | ----          | 024-34980-103   | ----          | ----          | 4      |
|      | Motor, Fan, 5 Hp, 6 Pole, 1150 RPM | 17, 28, 46, 58         | ----          | ----            | 024-36874-003 | 024-36081-003 | 4      |
|      | Motor, Fan, 5 Hp, 1150 RPM         | 40, 42                 | ----          | ----            | 024-36874-002 | 024-36081-003 | 4      |
|      | Motor, Fan, 5 Hp, 6 Pole, 950 RPM  | 50                     | ----          | ----            | 024-36874-004 | 024-36081-003 | 4      |
| 4    | Support, Fan Motor                 | 17, 28, 46, 50, 58     | 026-46735-000 | ----            | ----          | ----          | 4      |
|      | Support, Fan Motor                 | 40, 42                 | 026-46735-000 | ----            | ----          | ----          | 4      |
|      | Support, Fan Motor                 | ALL                    | ----          | 026-45533-000   | ----          | ----          | 4      |
|      | Bracket, Fan Support               | ALL                    | ----          | ----            | 075-67014-000 | 075-67014-000 | 4      |
| 5    | Support, Ring                      | ALL                    | 026-36367-000 | ----            | ----          | ----          | 4      |
| 6    | Fan Impeller, 900mm                | 17, 28, 46, 40, 42, 58 | 026-41594-000 | ----            | ----          | ----          | 4      |
|      | Fan Impeller, 900mm                | 50                     | 026-41943-000 | ----            | ----          | ----          | 4      |
|      | Fan Impeller, 900mm                | 17, 28, 46, 50, 58     | ----          | 026-41942-000   | ----          | ----          | 4      |
|      | Fan Impeller, 900mm                | 50                     | ----          | 026-45549-000   | ----          | ----          | 4      |
|      | Fan Impeller, 900mm                | 17, 28, 46, 40, 58     | ----          | ----            | 026-45538-000 | 026-45538-000 | 4      |
|      | Fan Impeller, 900mm                | 50                     | ----          | ----            | 026-46066-000 | 026-46066-000 | 4      |
| 10   | Screw, Cap Hex Head, M8 X 1.25-6g  | ALL                    | 021-18494-000 | ----            | ----          | ----          | 4      |
|      | Screw, Cap Hex Head, M10 1.5-6h    | ALL                    | ----          | ----            | 021-17791-000 | 021-17791-000 | 4      |
| 14   | Spacer, Fan Motor                  | ALL                    | ----          | ----            | 075-40485-000 | 075-40485-000 | 4      |
| 15   | Spacer, Fan Motor                  | ALL                    | 075-29007-000 | ----            | ----          | ----          | 4      |
|      | Spacer, Fan Motor                  | ALL                    | ----          | ----            | 075-67017-000 | 075-67017-000 | 4      |
| 16   | Spacer, Fan Motor                  | ALL                    | 075-40484-000 | ----            | ----          | ----          | *      |
| 17   | Hub, Square                        | ALL                    | 026-41939-005 | ----            | ----          | ----          | 4      |

**NOTE:** Items with an \* are NOT represented.



LOW SOUND AND ULTRA QUIET FAN



HIGH FLOW / HIGH STATIC FAN

LD15905

**FIGURE 4 - FAN COMPONENTS FOR LOW SOUND, ULTRAQUIET AND HIGH FLOW / HIGH STATIC FANS**

## SECTION 4 - REFRIGERANT PIPING

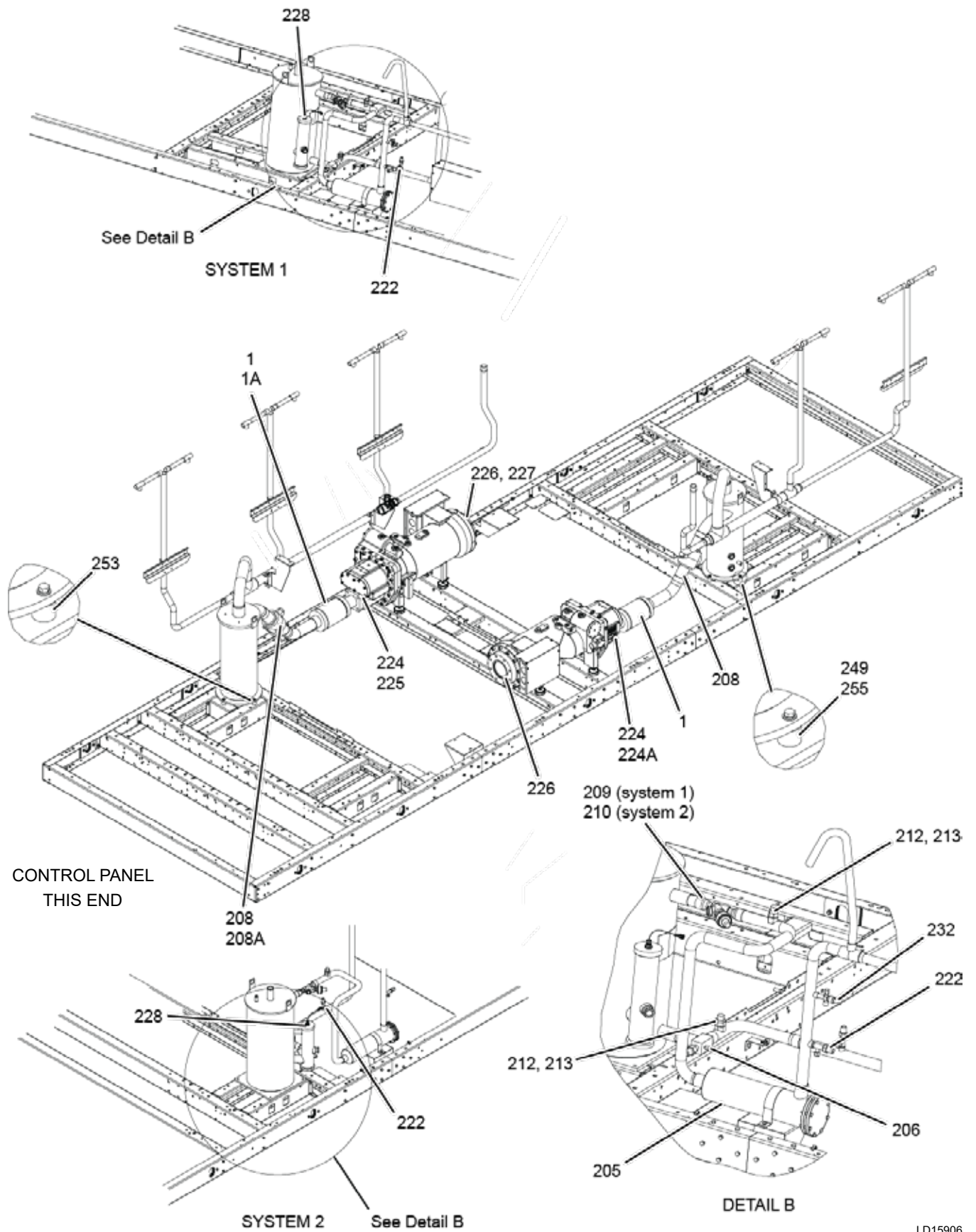
**TABLE 6 - REFRIGERANT PIPING COMPONENTS**

| ITEM | MODELS                   | DESCRIPTION                                      | PART NUMBER   | QUANTITY PER UNIT | FIGURE |
|------|--------------------------|--------------------------------------------------|---------------|-------------------|--------|
| 1    | 0153/0543 thru 0178/0588 | Muffler                                          | 375 89871 000 | 2                 | 5      |
| 1    | 0183/0643                | Muffler                                          | 375 89871 000 | 1                 | 5      |
| 1A   |                          | Muffler                                          | 375 58655 000 | 1                 | 5      |
| 1    | 0195/0665 thru 0345/1215 | Muffler                                          | 375 58655 000 | 2                 | 5      |
| 2    | ALL                      | Filter Drier, 3/8"                               | 026 37563 000 | 2                 | 7      |
| 3    | ALL                      | O-Ring, Neo1, 00.364 ID .070 thick               | 028 12961 012 | 8                 | 7      |
| 9    | ALL                      | O-Ring, Neo1, 00.924 ID .116 thick               | 028 12961 006 | 2                 | 7      |
| 11   | ALL                      | O-Ring, Neo1, 00.739 ID .070 thick               | 028 12961 015 | 2                 | 7      |
| 205  | ALL                      | Dehydrator, Less Cores                           | 026 16960 000 | 2                 | 5      |
| 205  | ALL                      | Core, Dehydrator                                 | 026 37540 000 | 2                 | 5      |
| 206  | ALL                      | Valve                                            | 022 09779 000 | 2                 | 5      |
| 208  | 0153/0543 thru 0178/0588 | Shut Off Ball Valve                              | 022 11326 000 | 2                 | 5      |
| 208  | 0183/0643                | Shut Off Ball Valve                              | 022 11326 000 | 1                 | 5      |
| 208A |                          | Shut Off Ball Valve                              | 022 11325 000 | 1                 | 5      |
| 208  | 0195/0665 thru 0345/1215 | Shut Off Ball Valve                              | 022 11325 000 | 2                 | 5      |
| 209  | 0153/0543 thru 0278/0988 | Condenser Drain Valve<br>(Flash Tank Feed Valve) | 025 41565 000 | 1                 | 5      |
| 209  | 0303/1093 thru 0345/1215 | Condenser Drain Valve<br>(Flash Tank Feed Valve) | 025 44027 000 | 1                 | 5      |
| 210  | 0153/0543 thru 0308/1088 | Condenser Drain Valve<br>(Flash Tank Feed Valve) | 025 41565 000 | 1                 | 5      |
| 210  | 0323/1143 thru 0345/1215 | Condenser Drain Valve<br>(Flash Tank Feed Valve) | 025 44027 000 | 1                 | 5      |
| 211  | ALL                      | Economizer Control Valve                         | 025 44027 000 | 2                 | 6      |
| 212  | ALL                      | Indicator Moist Liquid Body                      | 026 32399 000 | 4                 | 5      |
| 213  | ALL                      | Indicator Moist Liquid Cap                       | 026 32800 000 | 4                 | 5      |
| 215  | ALL                      | Valve Angle Compressor Mueller                   | 022 11358 000 | 2                 | 6      |
| 216  | 0303/1093 thru 0308/1088 | Eductor Assembly                                 | 375 93265 000 | 1                 | 7      |
| 216  | 0323/1143 thru 0345/1215 | Eductor Assembly                                 | 375 93265 000 | 1                 | 7      |
| 216  | 0153/0543 thru 0278/0988 | Eductor Assembly                                 | 375 79597 000 | 2                 | 7      |
| 217  | 0303/1093 thru 0308/1088 | Eductor Assembly                                 | 375 79597 000 | 2                 | 7      |
| 220  | ALL                      | Valve Ball 1/2 OD C X C)                         | 022 09172 000 | 2                 | 7      |
| 222  | ALL                      | Valve, Charging Brass                            | 022 09754 000 | 6                 | 5 & 7  |
| 224  | 0153/0543 thru 0178/0588 | Gasket, Flange, 3.00 ID 5.75 bc                  | 028 15296 001 | 2                 | 5      |
| 224  | 0183/0643                | Gasket, Flange, 3.00 ID 5.75 bc                  | 028 15296 001 | 1                 | 5      |
| 224  | 0195/0665 thru 0345/1215 | Gasket, Flange, 3.625 ID 5.75 bc                 | 028 15296 000 | 2                 | 5      |
| 225  | 0183/0643                | Gasket, Flange, 3.625 ID 5.75 bc                 | 028 15296 000 | 1                 | 5      |
| 226  | 0153/0543 thru 0178/0588 | Gasket, Round Flange, ANSI 300 #                 | 028 15965 001 | 2                 | 5      |
| 226  | 0183/0643                | Gasket, Flange, 3.00 ID 5.75 bc                  | 028 15296 000 | 1                 | 5      |
| 226  | 0195/0665 thru 0345/1215 | Gasket, Round Flange, ANSI 300 #                 | 028 15965 001 | 2                 | 5      |
| 227  | 0183/0643                | Gasket, Flange, 3.00 ID 5.75 bc                  | 028 15296 001 | 1                 | 5      |
| 228  | ALL                      | Switch, Liquid Level                             | 025 43324 101 | 2                 | 5      |

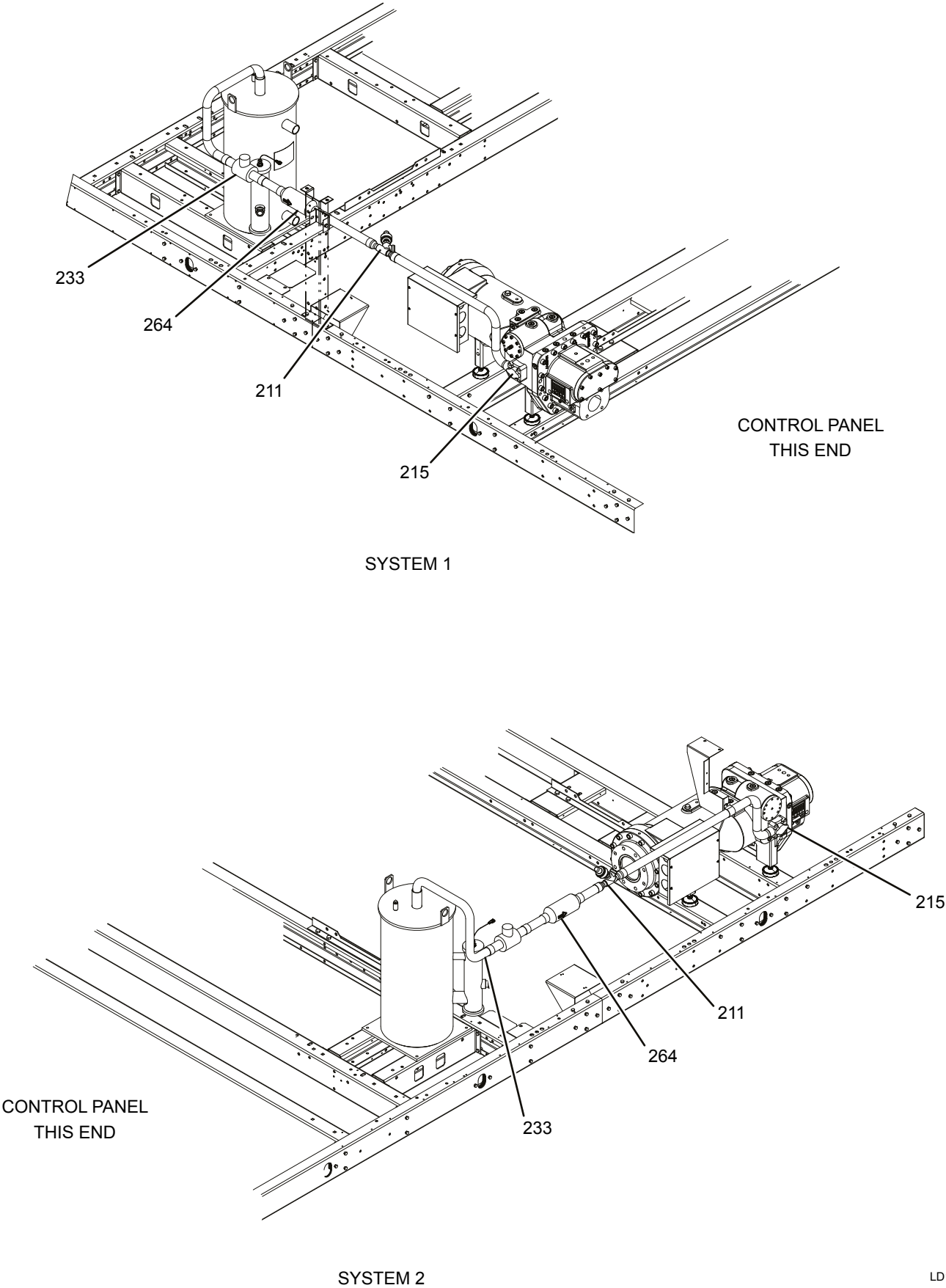
**TABLE 6 - REFRIGERANT PIPING COMPONENTS (CONT'D)**

| ITEM | MODELS                   | DESCRIPTION                    | PART<br>NUMBER | QUANTITY<br>PER UNIT | FIGURE |
|------|--------------------------|--------------------------------|----------------|----------------------|--------|
| 232  | ALL                      | Valve, Transducer 1/4 Mpt X    | 022 09503 000  | 2                    | 5      |
| 233  | ALL                      | Valve, ball 1-5/8 Ods Conn's   | 022 08883 000  | 2                    | 6      |
| 235  | ALL                      | Valve, ball 3/8" Ods Conn      | 022 11906 000  | 2                    | 7      |
| 241  | ALL                      | Valve, Butterfly, Size 5       | 022 10641 005  | 2                    | 7      |
| 249  | 0153/0543 thru 0278/0988 | Isolator, 1-1/4 Dia X 1 Lg     | 028 02596 001  | 8                    | 5      |
| 249  | 0323/1143 thru 0345/1215 | Isolator, 1-1/2 Dia X 1-3/8 Lg | 028 02596 002  | 8                    | 5      |
| 253  | 0308/1088                | Isolator, 1-1/2 Dia X 1-3/8 Lg | 028 02596 002  | 4                    | 5      |
| 255  | 0303/1093 thru 0308/1088 | Isolator, 1-1/4 Dia X 1 Lg     | 028 02596 001  | 4                    | 5      |
| 255  | 0303/1093                | Isolator, 1-1/2 Dia X 1-3/8 Lg | 028 02596 002  | 4                    | 5      |
| 264  | ALL                      | Check Valve, Magnetic          | 022 12037 000  | 2                    | 6      |



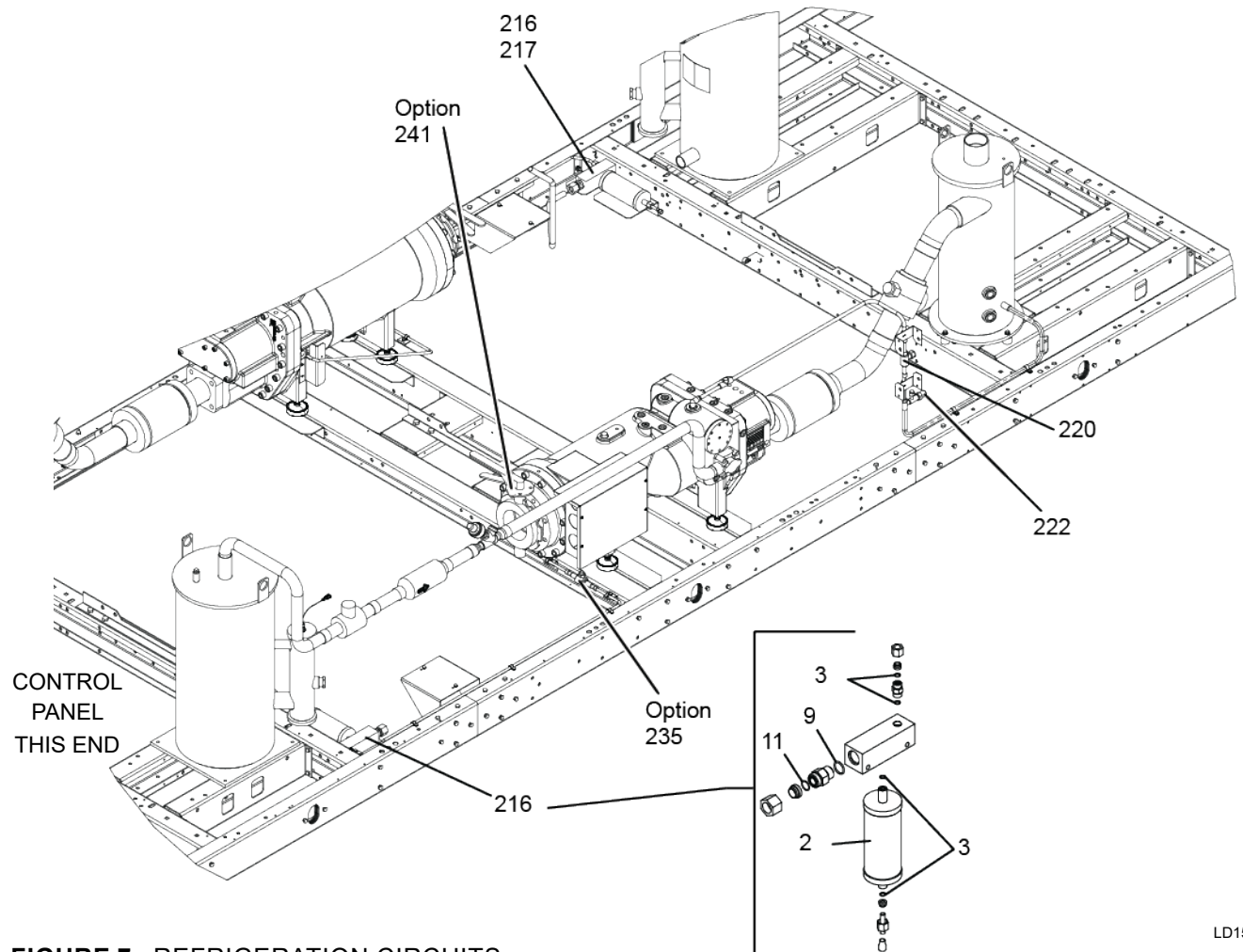
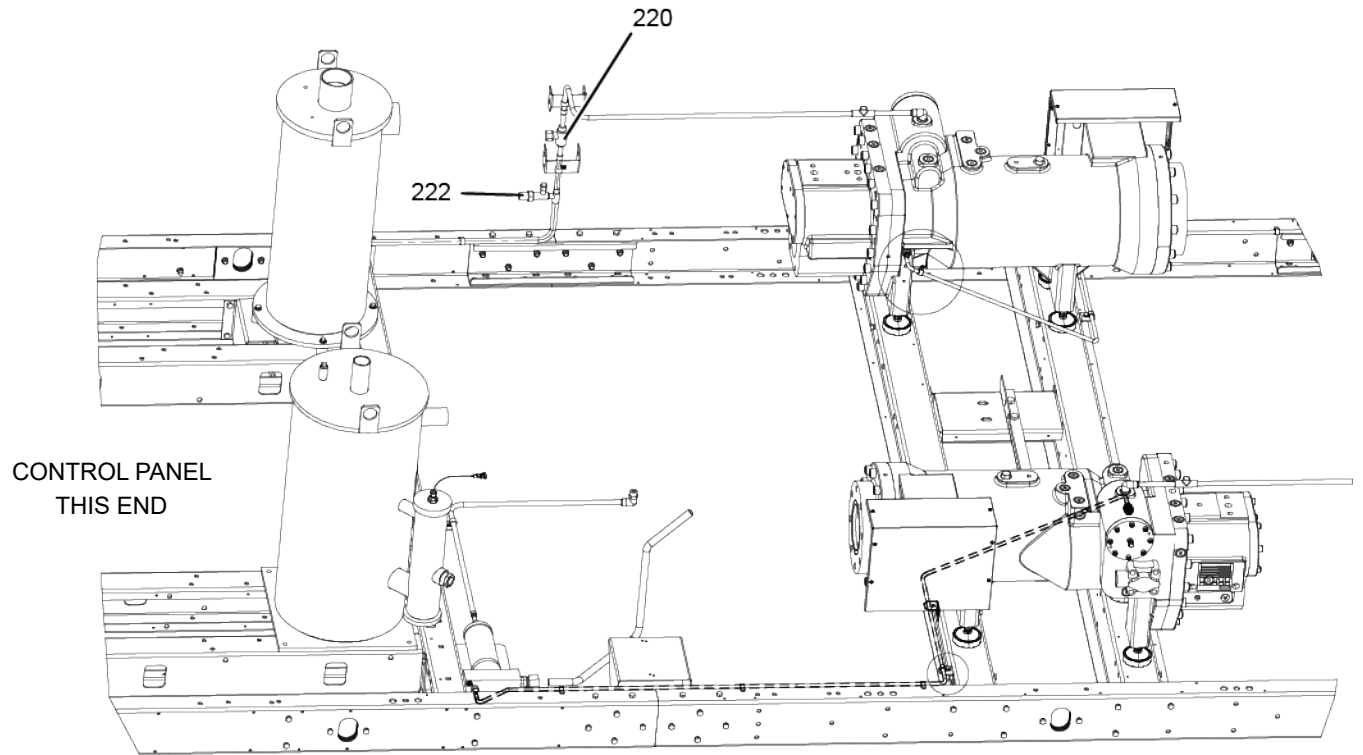


**FIGURE 5 - REFRIGERATION CIRCUITS**



LD15907

**FIGURE 6 - REFRIGERATION CIRCUITS**



**FIGURE 7 - REFRIGERATION CIRCUITS**

LD15908

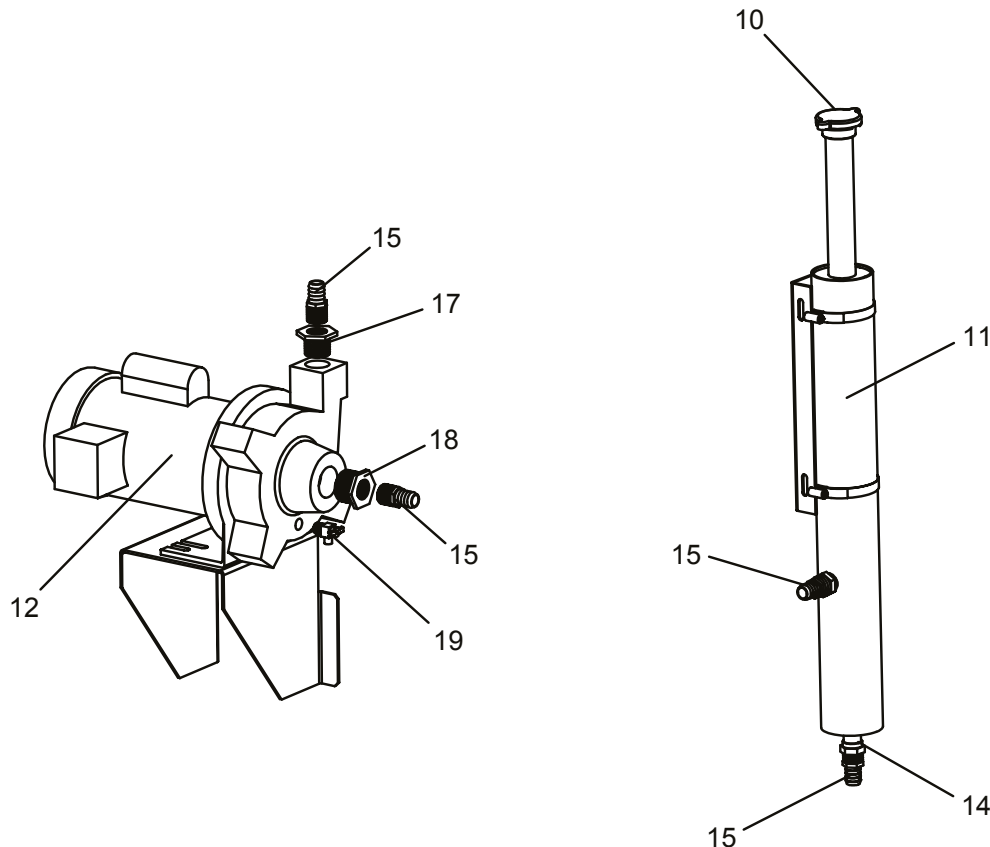
**TABLE 7 - GLYCOL LOOP COMPONENTS**

| ITEM | DESCRIPTION                                        | PART NUMBER   | FIGURE |
|------|----------------------------------------------------|---------------|--------|
| 10   | Cap, Radiator                                      | 023 21927 000 | 8      |
| 11   | Tube, Glycol                                       | 075 55649 000 | 8      |
| 12   | Pump, Single Stage (60 Hz)                         | 026 41611 000 | 8      |
|      | Pump, Single Stage (50 Hz)                         | 026 41611 001 | 8      |
| 13** | Coolant, Propylene Glycol, 1 gal. non-EU compliant | 013-03345-000 | *      |
|      | Coolant, Propylene Glycol, 5 gal. non-EU compliant | 013-03344-000 | *      |
|      | Coolant, Propylene Glycol, 5 gal. EU compliant     | 013-03849-001 | *      |
| 14   | Reducer                                            | 023 21941 000 | 8      |
| 15   | Fitting, Hose Barb                                 | 023 21929 000 | 8      |
| 16   | Tee                                                | 023 22526 000 | *      |
| 17   | Bushing                                            | 023 21934 000 | 8      |
| 18   | Bushing                                            | 023 21935 000 | 8      |
| 19   | Valve, Drain                                       | 023 21874 000 | 8      |

**NOTE:** Items with an \* are not represented.

\*\* For all Europe-bound YVAA chillers built after October 7, 2015, the coolant/glycol charged into the VSD cooling system is European compliant Dowcal 200 (013-03849-001). For either service or maintenance purposes, top off or replace the coolant with Dowcal 200 only. YVAA chillers built before October 7, 2015, Dowfrost HD (013-03344-000) were charged. Use Dowfrost HD to top-off the unit. For maintenance, replace the coolant with either Dowcal 200 or Dowfrost HD, but **do not mix them**.

For all other regions, use Dowfrost HD (013-03344-000) only.

**FIGURE 8 - GLYCOL LOOP COMPONENTS**

## SECTION 5 - COMPRESSORS

**TABLE 8 - STANDARD COMPRESSOR (17, 28, 46, 58 VOLTAGE CODE)**

| MODEL                    | DESCRIPTION                                     | PART NUMBER   | QUANTITY |
|--------------------------|-------------------------------------------------|---------------|----------|
| 0153/0543 thru 0178/0588 | Compressor, Screw, CTS24SAAD460/200C            | 364 50820 460 | 2        |
| 0183/0643                | Compressor, Screw, CTS36SAAD460/200A (System 1) | 364 50821 460 | 1        |
|                          | Compressor, Screw, CTS24SAAD460/200C (System 2) | 364 50820 460 | 1        |
| 0195/0665                | Compressor, Screw, CTS36SAAD460/200A (System 1) | 364 50821 460 | 1        |
|                          | Compressor, Screw, CTS24SAAD460/200C (System 2) | 364 50820 460 | 1        |
| 0198/0688                | Compressor, Screw, CTS36SAAD460/200A (System 1) | 364 50821 460 | 1        |
|                          | Compressor, Screw, CTS24SAAD460/200C (System 2) | 364 50820 460 | 1        |
| 0200/0700                | Compressor, Screw, CTS36DAAD460/200A            | 364 50821 461 | 2        |
| 0213/0743 thru 0218/0788 | Compressor, Screw, CTS36SAAD460/200A            | 364 50821 460 | 2        |
| 0233/0843                | Compressor, Screw, CTS45SAAD460/200B (System 1) | 364 50822 460 | 1        |
|                          | Compressor, Screw, CTS36SAAD460/200A (System 2) | 364 50821 460 | 1        |
| 0245/0865                | Compressor, Screw, CTS45SAAD460/200B (System 1) | 364 50822 460 | 1        |
|                          | Compressor, Screw, CTS36SAAD460/200A (System 2) | 364 50821 460 | 1        |
| 0248/0888                | Compressor, Screw, CTS45SAAD460/200B (System 1) | 364 50822 460 | 1        |
|                          | Compressor, Screw, CTS36SAAD460/200A (System 2) | 364 50821 460 | 1        |
| 0263/0943 thru 0278/0988 | Compressor, Screw, CTS45SAAD460/200B            | 364 50822 460 | 2        |
| 0303/1093                | Compressor, Screw, CTS51SAAD460/200 (System 1)  | 364 51906 460 | 1        |
|                          | Compressor, Screw, CTS45SAAD460/200B (System 2) | 364 50822 460 | 1        |
| 0308/1088                | Compressor, Screw, CTS51SAAD460/200 (System 1)  | 364 51906 460 | 1        |
|                          | Compressor, Screw, CTS45SAAD460/200B (System 2) | 364 50822 460 | 1        |
| 0323/1143 thru 0345/1215 | Compressor, Screw, CTS51SAAD460/200             | 364 51906 460 | 2        |

See Figure 9 on page 36 for compressor components.

**TABLE 9 - STANDARD COMPRESSOR (40, 50 VOLTAGE CODE)**

| MODEL                    | DESCRIPTION                                     | PART NUMBER   | QUANTITY |
|--------------------------|-------------------------------------------------|---------------|----------|
| 0153/0543 thru 0178/0588 | Compressor, Screw, CTS24SBAD400/200C            | 364 50820 400 | 2        |
| 0183/0643                | Compressor, Screw, CTS36SBAD400/200A (System 1) | 364 50821 400 | 1        |
|                          | Compressor, Screw, CTS24SBAD400/200C (System 2) | 364 50820 400 | 1        |
| 0195/0665                | Compressor, Screw, CTS36SBAD400/200A (System 1) | 364 50821 400 | 1        |
|                          | Compressor, Screw, CTS24SBAD400/200C (System 2) | 364 50820 400 | 1        |
| 0198/0688                | Compressor, Screw, CTS36SBAD400/200A (System 1) | 364 50821 400 | 1        |
|                          | Compressor, Screw, CTS24SBAD400/200C (System 2) | 364 50820 400 | 1        |
| 0200/0700 thru 0218/0788 | Compressor, Screw, CTS36SBAD400/200A            | 364 50821 400 | 2        |
| 0233/0843                | Compressor, Screw, CTS45SBAD400/200B (System 1) | 364 50822 400 | 1        |
|                          | Compressor, Screw, CTS36SBAD400/200A (System 2) | 364 50821 400 | 1        |
| 0245/0865                | Compressor, Screw, CTS45SBAD400/200B (System 1) | 364 50822 400 | 1        |
|                          | Compressor, Screw, CTS36SBAD400/200A (System 2) | 364 50821 400 | 1        |
| 0248/0888                | Compressor, Screw, CTS45SBAD400/200B (System 1) | 364 50822 400 | 1        |
|                          | Compressor, Screw, CTS36SBAD400/200A (System 2) | 364 50821 400 | 1        |
| 0263/0943 thru 0278/0988 | Compressor, Screw, CTS45SBAD400/200B            | 364 50822 400 | 2        |
| 0303/1093                | Compressor, Screw, CTS51SAAD400/200 (System 1)  | 364 51906 400 | 1        |
|                          | Compressor, Screw, CTS45SBAD400/200B (System 2) | 364 50822 400 | 1        |
| 0308/1088                | Compressor, Screw, CTS51SAAD400/200 (System 1)  | 364 51906 400 | 1        |
|                          | Compressor, Screw, CTS45SBAD400/200B (System 2) | 364 50822 400 | 1        |
| 0323/1143 thru 0345/1215 | Compressor, Screw, CTS51SAAD400/200             | 364 51906 400 | 2        |

Note: See Figure 9 on page 36 for compressor components.

**TABLE 10 - STANDARD COMPRESSOR (40, 50 VOLTAGE CODE) WITH HIGH AMBIENT KIT**

| MODEL                    | DESCRIPTION                                    | PART NUMBER   | QUANTITY |
|--------------------------|------------------------------------------------|---------------|----------|
| 0153/0543 thru 0178/0588 | Compressor, Screw, CTS24LBAD400/200            | 364 50820 402 | 2        |
| 0183/0643                | Compressor, Screw, CTS36LBAD400/200 (System 1) | 364 50821 402 | 1        |
|                          | Compressor, Screw, CTS24LBAD400/200 (System 2) | 364 50820 402 | 1        |
| 0195/0665                | Compressor, Screw, CTS36LBAD400/200 (System 1) | 364 50821 402 | 1        |
|                          | Compressor, Screw, CTS24LBAD400/200 (System 2) | 364 50820 402 | 1        |
| 0198/0688                | Compressor, Screw, CTS36LBAD400/200 (System 1) | 364 50821 402 | 1        |
|                          | Compressor, Screw, CTS24LBAD400/200 (System 2) | 364 50820 402 | 1        |
| 0200/0700 thru 0218/0788 | Compressor, Screw, CTS36LBAD400/200            | 364 50821 402 | 2        |
| 0233/0843                | Compressor, Screw, CTS45LBAD400/200 (System 1) | 364 50822 402 | 1        |
|                          | Compressor, Screw, CTS36LBAD400/200 (System 2) | 364 50821 402 | 1        |
| 0245/0865                | Compressor, Screw, CTS45LBAD400/200 (System 1) | 364 50822 402 | 1        |
|                          | Compressor, Screw, CTS36LBAD400/200 (System 2) | 364 50821 402 | 1        |
| 0248/0888                | Compressor, Screw, CTS45LBAD400/200 (System 1) | 364 50822 402 | 1        |
|                          | Compressor, Screw, CTS36LBAD400/200 (System 2) | 364 50821 402 | 1        |
| 0263/0943 thru 0278/0988 | Compressor, Screw, CTS45LBAD400/200            | 364 50822 402 | 2        |
| 0303/1093 thru 0345/1215 | N/A                                            | N/A           | N/A      |

See Figure 9 on page 36 for compressor components.

**TABLE 11 - OPTIMIZED\* COMPRESSOR (17, 28, 56, 58 VOLTAGE CODE)**

| MODEL                    | DESCRIPTION                                     | PART NUMBER   | QUANTITY |
|--------------------------|-------------------------------------------------|---------------|----------|
| 0153/0543 thru 0178/0588 | Compressor, Screw, CTS24DAAD460/200C            | 364 50820 461 | 2        |
| 0183/0643                | Compressor, Screw, CTS36DAAD460/200A (System 1) | 364 50821 461 | 1        |
|                          | Compressor, Screw, CTS24DAAD460/200C (System 2) | 364 50820 461 | 1        |
| 0195/0665                | Compressor, Screw, CTS36DAAD460/200A (System 1) | 364 50821 461 | 1        |
|                          | Compressor, Screw, CTS24DAAD460/200C (System 2) | 364 50820 461 | 1        |
| 0198/0688                | Compressor, Screw, CTS36DAAD460/200A (System 1) | 364 50821 461 | 1        |
|                          | Compressor, Screw, CTS24DAAD460/200C (System 2) | 364 50820 461 | 1        |
| 0200/0700 thru 0218/0788 | Compressor, Screw, CTS36DAAD460/200A            | 364 50821 461 | 2        |
| 0233/0843                | Compressor, Screw, CTS45DAAD460/200B (System 1) | 364 50822 461 | 1        |
|                          | Compressor, Screw, CTS36DAAD460/200A (System 2) | 364 50821 461 | 1        |
| 0245/0865                | Compressor, Screw, CTS45DAAD460/200B (System 1) | 364 50822 461 | 1        |
|                          | Compressor, Screw, CTS36DAAD460/200A (System 2) | 364 50821 461 | 1        |
| 0248/0888                | Compressor, Screw, CTS45DAAD460/200B (System 1) | 364 50822 461 | 1        |
|                          | Compressor, Screw, CTS36DAAD460/200A (System 2) | 364 50821 461 | 1        |
| 0263/0943 thru 0278/0988 | Compressor, Screw, CTS45DAAD460/200B            | 364 50822 461 | 2        |
| 0303/1093                | Compressor, Screw, CTS45DAAD460/200B (System 1) | 364 51906 461 | 1        |
|                          | Compressor, Screw, CTS45DBAD400/200B (System 2) | 364 50822 401 | 1        |
| 0308/1088                | Compressor, Screw, CTS45DAAD460/200B (System 1) | 364 51906 461 | 1        |
|                          | Compressor, Screw, CTS45DBAD400/200B (System 2) | 364 50822 401 | 1        |
| 0323/1143 thru 0345/1215 | Compressor, Screw, CTS51SBAD460/200             | 364 51906 461 | 2        |

Notes: 1. \* Step VI

2. See Figure 9 on page 36 for compressor components.

**TABLE 12 - OPTIMIZED\* COMPRESSOR (40, 50 VOLTAGE CODE)**

| MODEL                    | DESCRIPTION                                     | PART NUMBER   | QUANTITY |
|--------------------------|-------------------------------------------------|---------------|----------|
| 0153/0543 thru 0178/0588 | Compressor, Screw, CTS24DBAD400/200C            | 364 50820 401 | 2        |
| 0183/0643                | Compressor, Screw, CTS36DBAD400/200A (System 1) | 364 50821 401 | 1        |
|                          | Compressor, Screw, CTS24DBAD400/200C (System 2) | 364 50820 401 | 1        |
| 0195/0665                | Compressor, Screw, CTS36DBAD400/200A (System 1) | 364 50821 401 | 1        |
|                          | Compressor, Screw, CTS24DBAD400/200C (System 2) | 364 50820 401 | 1        |
| 0198/0688                | Compressor, Screw, CTS36DBAD400/200A (System 1) | 364 50821 401 | 1        |
|                          | Compressor, Screw, CTS24DBAD400/200C (System 2) | 364 50820 401 | 1        |
| 0200/0700 thru 0218/0788 | Compressor, Screw, CTS36DBAD400/200A            | 364 50821 401 | 2        |
| 0233/0843                | Compressor, Screw, CTS45DBAD400/200B (System 1) | 364 50822 401 | 1        |
|                          | Compressor, Screw, CTS36DBAD400/200A (System 2) | 364 50821 401 | 1        |
| 0245/0865                | Compressor, Screw, CTS45DBAD400/200B (System 1) | 364 50822 401 | 1        |
|                          | Compressor, Screw, CTS36DBAD400/200A (System 2) | 364 50821 401 | 1        |
| 0248/0888                | Compressor, Screw, CTS45DBAD400/200B (System 1) | 364 50822 401 | 1        |
|                          | Compressor, Screw, CTS36DBAD400/200A (System 2) | 364 50821 401 | 1        |
| 0263/0943 thru 0278/0988 | Compressor, Screw, CTS45DBAD400/200B            | 364 50822 401 | 2        |
| 0303/1093                | Compressor, Screw, CTS51SBAD400/200 (System 1)  | 364 51906 401 | 1        |
|                          | Compressor, Screw, CTS45DBAD400/200B (System 2) | 364 50822 401 | 1        |
| 0308/1088                | Compressor, Screw, CTS51SBAD400/200 (System 1)  | 364 51906 401 | 1        |
|                          | Compressor, Screw, CTS45DBAD400/200B (System 2) | 364 50822 401 | 1        |
| 0323/1143 thru 0345/1215 | Compressor, Screw, CTS51SBAD400/200             | 364 51906 401 | 2        |

See Figure 9 on page 36 for compressor components.

**TABLE 13 - OPTIMIZED\* COMPRESSOR (40, 50 VOLTAGE CODE) WITH HIGH AMBIENT KIT**

| MODEL                    | DESCRIPTION                                    | PART NUMBER   | QUANTITY |
|--------------------------|------------------------------------------------|---------------|----------|
| 0153/0543 thru 0178/0588 | Compressor, Screw, CTS24MBAD400/200            | 364 50820 403 | 2        |
| 0183/0643                | Compressor, Screw, CTS36MBAD400/200 (System 1) | 364 50821 403 | 1        |
|                          | Compressor, Screw, CTS24MBAD400/200 (System 2) | 364 50820 403 | 1        |
| 0195/0665                | Compressor, Screw, CTS36MBAD400/200 (System 1) | 364 50821 403 | 1        |
|                          | Compressor, Screw, CTS24MBAD400/200 (System 2) | 364 50820 403 | 1        |
| 0198/0688                | Compressor, Screw, CTS36MBAD400/200 (System 1) | 364 50821 403 | 1        |
|                          | Compressor, Screw, CTS24MBAD400/200 (System 2) | 364 50820 403 | 1        |
| 0200/0700 thru 0218/0788 | Compressor, Screw, CTS36MBAD400/200            | 364 50821 403 | 2        |
| 0233/0843                | Compressor, Screw, CTS45MBAD400/200 (System 1) | 364 50822 403 | 1        |
|                          | Compressor, Screw, CTS36MBAD400/200 (System 2) | 364 50821 403 | 1        |
| 0245/0865                | Compressor, Screw, CTS45MBAD400/200 (System 1) | 364 50822 403 | 1        |
|                          | Compressor, Screw, CTS36MBAD400/200 (System 2) | 364 50821 403 | 1        |
| 0248/0888                | Compressor, Screw, CTS45MBAD400/200 (System 1) | 364 50822 403 | 1        |
|                          | Compressor, Screw, CTS36MBAD400/200 (System 2) | 364 50821 403 | 1        |
| 0263/0943 thru 0278/0988 | Compressor, Screw, CTS45MBAD400/200            | 364 50822 403 | 2        |
| 0303/1093 thru 0345/1215 | N/A                                            | N/A           | N/A      |

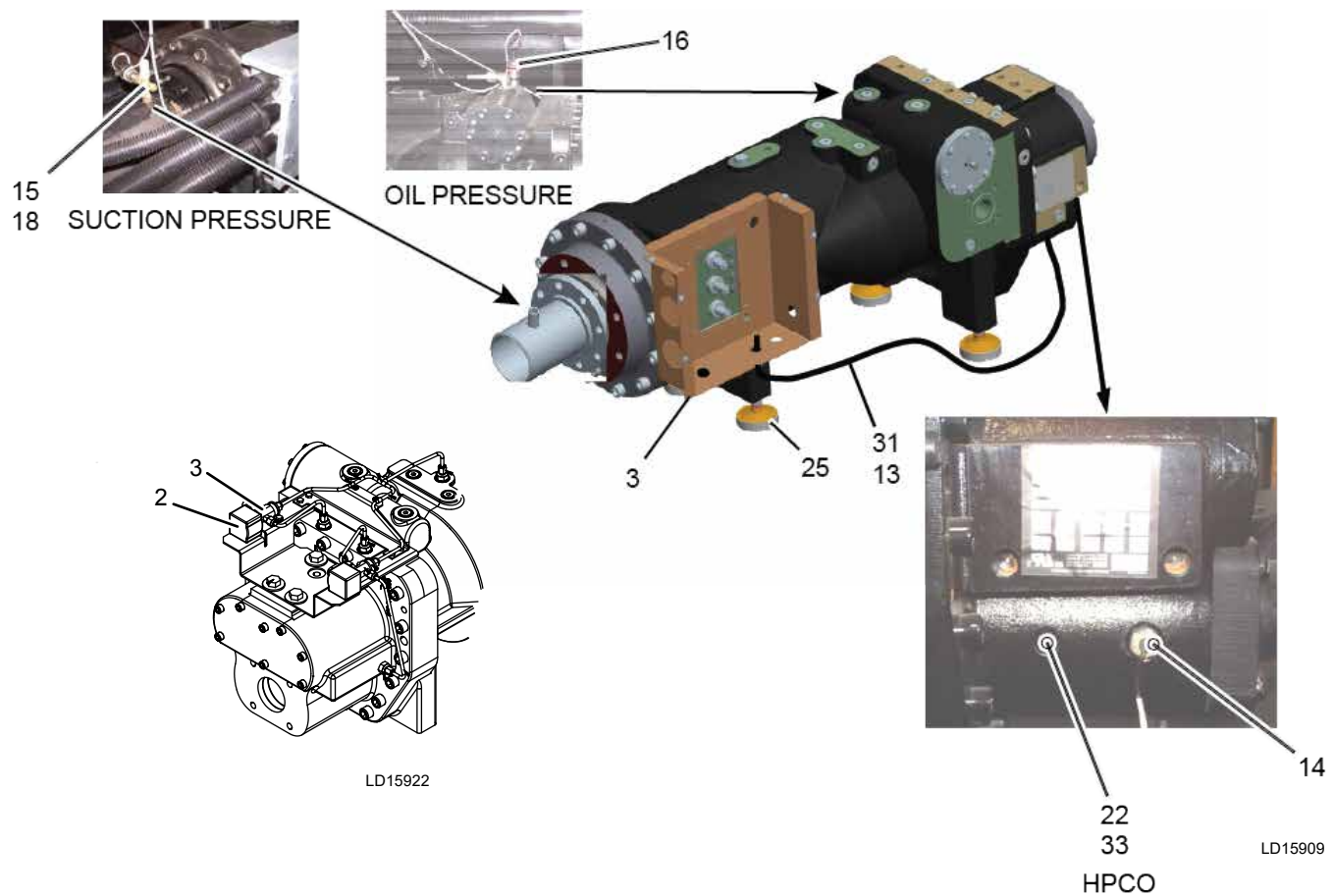
Notes: 1. \* Step VI

2. See Figure 9 on page 36 for compressor components.



**TABLE 14 - COMPRESSOR COMPONENTS**

| ITEM | MODELS                   | DESCRIPTION                                  | PART NUMBER   | QUANTITY | FIGURE |
|------|--------------------------|----------------------------------------------|---------------|----------|--------|
| 2    | 0233/0843 thru 0345/1215 | Coil - Solenoid Valve (Optimized Compressor) | 025 35151 000 | 2        | 9      |
| 3    | 0233/0843 thru 0345/1215 | Valve Solenoid (Optimized Compressor)        | 025 43901 000 | 2        | 9      |
| 3    | ALL                      | Gasket, Compressor Junction Box              | 028 15268 000 | 1        | 9      |
| 13   | ALL                      | Compound, Heat Conductive, 4 Oz              | 013 00898 000 | A/R      | 9      |
| 14   | ALL                      | Sensor, Temperature                          | 025 32924 000 | 1        | 9      |
| 15   | ALL                      | Transducer, 0-125 PSI                        | 025 29583 001 | 1        | 9      |
| 16   | ALL                      | Transducer 0-400 PSI, 5V Input               | 025 29139 001 | 1        | 9      |
| 18   | ALL                      | Valve, Transducer                            | 022 09503 000 | 1        | 9      |
| 22   | ALL                      | O-Ring Neoprene                              | 028 13540 000 | 1        | 9      |
| 25   | ALL                      | Isolator, Compressor, Level Rubber           | 029 25868 000 | 4        | 9      |
| 31   | ALL                      | Heater, Compressor, System 1                 | 575 54455 202 | 1        | 9      |
| 31   | ALL                      | Heater, Compressor, System 2                 | 575 54455 203 | 1        | 9      |
| 33   | ALL                      | Switch, HPCO                                 | 025 39956 001 | 2        | 9      |

**FIGURE 9 - COMPRESSOR COMPONENTS**



## SECTION 6 - CONTROL PANELS

**TABLE 15 - CONTROL / POWER PANELS, COMPLETE**

**200/3/60 LOW SOUND FANS AND ULTRA QUIET FANS (FIXED AND VARIABLE SPEED)**

| MODEL                    | SINGLE POLE<br>TERMINAL BLOCK | SP CIRCUIT BREAKER | SP NF DISCONNECT<br>SWITCH |
|--------------------------|-------------------------------|--------------------|----------------------------|
| 153/0543 thru 0278/0988  | 371 05578 101                 | N/A                | N/A                        |
| 0303/1093 thru 0345/1215 | N/A                           | N/A                | N/A                        |

**200/3/60 HIGH AIRFLOW AND HIGH STATIC FANS (FIXED SPEED)**

| MODEL                    | SINGLE POLE<br>TERMINAL BLOCK | SP CIRCUIT BREAKER | SP NF DISCONNECT<br>SWITCH |
|--------------------------|-------------------------------|--------------------|----------------------------|
| 0153/0543 thru 0275/0965 | 371 05578 134                 | N/A                | N/A                        |
| 0278/0988 thru 0345/1215 | N/A                           | N/A                | N/A                        |

**230/3/60 LOW SOUND FANS AND ULTRA QUIET FANS (FIXED AND VARIABLE SPEED)**

| MODEL                    | SINGLE POLE<br>TERMINAL BLOCK | SP CIRCUIT BREAKER | SP NF DISCONNECT<br>SWITCH |
|--------------------------|-------------------------------|--------------------|----------------------------|
| 0153/0543 thru 0278/0988 | 371 05578 102                 | 371 05578 113      | N/A                        |
| 0303/1093 thru 0345/1215 | N/A                           | N/A                | N/A                        |

**230/3/60 HIGH AIRFLOW AND HIGH STATIC FANS (FIXED SPEED)**

| MODEL                    | SINGLE POLE<br>TERMINAL BLOCK | SP CIRCUIT BREAKER | SP NF DISCONNECT<br>SWITCH |
|--------------------------|-------------------------------|--------------------|----------------------------|
| 0153/0543 thru 0278/0988 | 371 05578 135                 | 371 05578 146      | N/A                        |
| 0303/1093 thru 0345/1215 | N/A                           | N/A                | N/A                        |

**380/3/60 LOW SOUND FANS AND ULTRA QUIET FANS (FIXED AND VARIABLE SPEED)**

| MODEL                                                | SINGLE POLE<br>TERMINAL BLOCK | SP CIRCUIT BREAKER | SP NF DISCONNECT<br>SWITCH |
|------------------------------------------------------|-------------------------------|--------------------|----------------------------|
| 0153/0543 thru 0178/0588                             | 371 05578 103                 | 371 05578 114      | 371 05578 125              |
| 0183/0643 thru 0198/0688<br>0213/0743 thru 0218/0788 | 371 05578 104                 | 371 05578 115      | 371 05578 126              |
| 0200/0700, 0233/0843 thru 0278/0988                  | 371 05578 105                 | 371 05578 116      | 371 05578 127              |
| 0303/1093 thru 0345/1215                             | 371 05678 101                 | 371 05678 105      | 371 05678 109              |

**380/3/60 HIGH AIRFLOW AND HIGH STATIC FANS (FIXED SPEED)**

| MODEL                                                | SINGLE POLE<br>TERMINAL BLOCK | SP CIRCUIT BREAKER | SP NF DISCONNECT<br>SWITCH |
|------------------------------------------------------|-------------------------------|--------------------|----------------------------|
| 0153/0543 thru 0178/0588                             | 371 05578 136                 | 371 05578 147      | 371 05578 158              |
| 0183/0643 thru 0198/0688<br>0213/0743 thru 0218/0788 | 371 05578 137                 | 371 05578 148      | 371 05578 159              |
| 0200/0700, 0233/0843 thru 0278/0988                  | 371 05578 138                 | 371 05578 149      | 371 05578 160              |
| 0343/1193                                            | 371 05678 105                 | 371 05678 117      | 371 05678 121              |
| 0303/1093 thru 0345/1215                             | 371 05678 113                 | 371 05678 117      | 371 05678 121              |

Note: See Table 16 on page 39 for Control Panel Wiring and Table 17 on page 40 for Control Panel Components.

**TABLE 15 - CONTROL / POWER PANELS, COMPLETE (CONT'D)****460/3/60 LOW SOUND FANS AND ULTRA QUIET FANS (FIXED AND VARIABLE SPEED)**

| MODEL                                                | SINGLE POLE<br>TERMINAL BLOCK | SP CIRCUIT BREAKER | SP NF DISCONNECT<br>SWITCH |
|------------------------------------------------------|-------------------------------|--------------------|----------------------------|
| 0153/0543 thru 0198/0688<br>0213/0743 thru 0218/0788 | 371 05578 109                 | 371 05578 120      | 371 05578 131              |
| 0200/0700<br>0233/0843 thru 0278/0988                | 371 05578 110                 | 371 05578 121      | 371 05578 132              |
| 0303/1093 thru 0345/1215                             | 371 05678 103                 | 371 05678 107      | 371 05678 111              |

**460/3/60 HIGH AIRFLOW AND HIGH STATIC FANS (FIXED SPEED)**

| MODEL                                                | SINGLE POLE<br>TERMINAL BLOCK | SP CIRCUIT BREAKER | SP NF DISCONNECT<br>SWITCH |
|------------------------------------------------------|-------------------------------|--------------------|----------------------------|
| 0153/0543 thru 0198/0688<br>0213/0743 thru 0218/0788 | 371 05578 142                 | 371 05578 153      | 371 05578 164              |
| 0200/0700<br>0233/0843 thru 0278/0988                | 371 05578 143                 | 371 05578 154      | 371 05578 165              |
| 0303/1093 thru 0345/1215                             | 371 05678 115                 | 371 05678 119      | 371 05678 123              |

**380-415/3/50 LOW SOUND FANS AND ULTRA QUIET FANS (FIXED AND VARIABLE SPEED)**

| MODEL                                                | SINGLE POLE<br>TERMINAL BLOCK | SP CIRCUIT BREAKER | SP NF DISCONNECT<br>SWITCH |
|------------------------------------------------------|-------------------------------|--------------------|----------------------------|
| 0153/0543 thru 0178/0588                             | 371 05578 106                 | 371 05578 117      | 371 05578 128              |
| 0183/0643 thru 0198/0688<br>0213/0743 thru 0218/0788 | 371 05578 107                 | 371 05578 118      | 371 05578 129              |
| 0200/0700<br>0233/0843 thru 0278/0988                | 371 05578 108                 | 371 05578 119      | 371 05578 130              |
| 0303/1093 thru 0345/1215                             | 371 05678 102                 | 371 05678 106      | 371 05678 110              |

**380-415/3/50 HIGH AIRFLOW AND HIGH STATIC FANS (FIXED SPEED)**

| MODEL                                                | SINGLE POLE<br>TERMINAL BLOCK | SP CIRCUIT BREAKER | SP NF DISCONNECT<br>SWITCH |
|------------------------------------------------------|-------------------------------|--------------------|----------------------------|
| 0153/0543 thru 0178/0588                             | 371 05578 139                 | 371 05578 150      | 371 05578 161              |
| 0183/0643 thru 0198/0688<br>0213/0743 thru 0218/0788 | 371 05578 140                 | 371 05578 151      | 371 05578 162              |
| 0200/0700<br>0233/0843 thru 0278/0988                | 371 05578 141                 | 371 05578 152      | 371 05578 163              |
| 0303/1093 thru 0345/1215                             | 371 05678 114                 | 371 05678 118      | 371 05678 122              |

**575/3/60 LOW SOUND FANS AND ULTRA QUIET FANS (FIXED AND VARIABLE SPEED)**

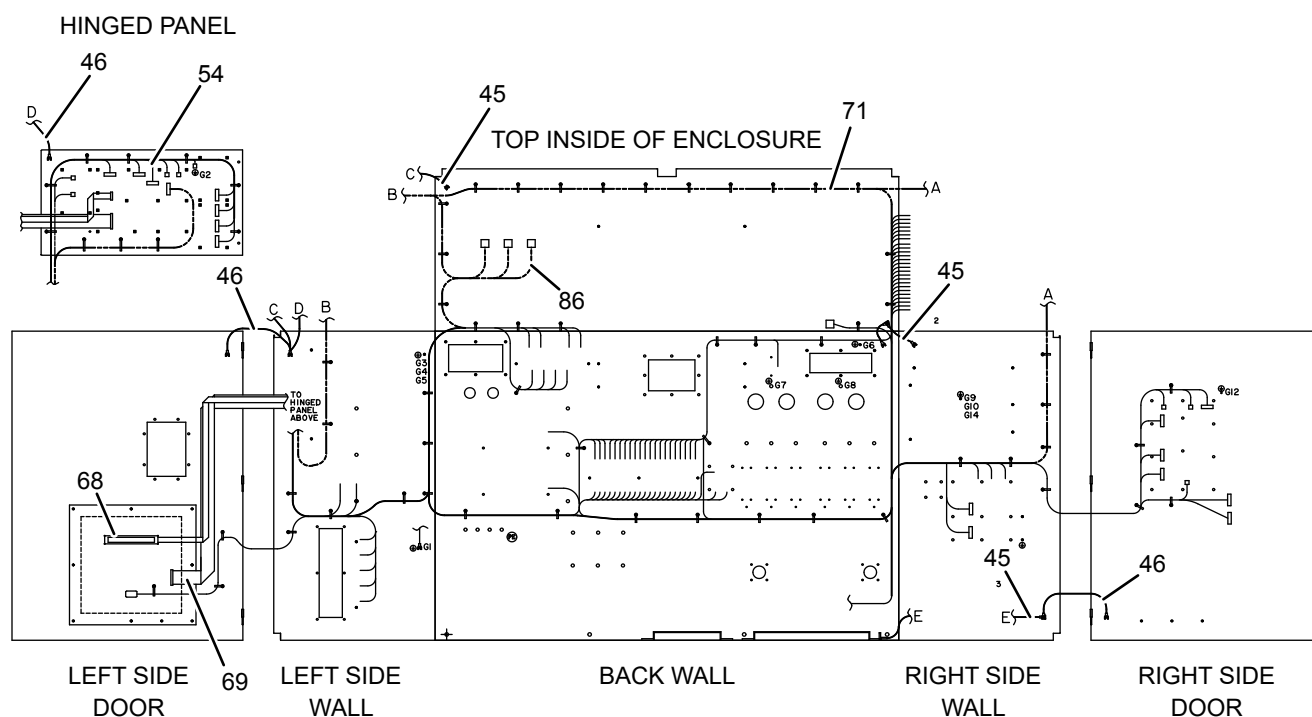
| MODEL                    | SINGLE POLE<br>TERMINAL BLOCK | SP CIRCUIT BREAKER | SP NF DISCONNECT<br>SWITCH |
|--------------------------|-------------------------------|--------------------|----------------------------|
| 0153/0543 thru 0278/0988 | 371 05578 111                 | 371 05578 122      | 371 05578 133              |
| 0303/1093 thru 0345/1215 | 371 05678 104                 | 371 05678 108      | 371 05678 112              |

**575/3/60 HIGH AIRFLOW AND HIGH STATIC FANS (FIXED SPEED)**

| MODEL                    | SINGLE POLE<br>TERMINAL BLOCK | SP CIRCUIT BREAKER | SP NF DISCONNECT<br>SWITCH |
|--------------------------|-------------------------------|--------------------|----------------------------|
| 0153/0543 thru 0278/0988 | 371 05578 144                 | 371 05578 155      | 371 05578 166              |
| 0303/1093 thru 0345/1215 | 371 05678 116                 | 371 05678 120      | 371 05678 124              |

**TABLE 16 - CONTROL PANEL WIRING**

| ITEM | MODELS                   | VOLTAGE CODE   | FANS | DESCRIPTION                           | PART NO       | QUANTITY | FIGURE |
|------|--------------------------|----------------|------|---------------------------------------|---------------|----------|--------|
| 45   | 0153/0543 thru 0278/0988 | ALL            | ALL  | Strap, Ground                         | 525 37839 001 | 4        | 10     |
|      | 0303/1093 thru 0345/1215 | 40, 46, 50, 58 |      |                                       |               |          |        |
| 46   | 0153/0543 thru 0278/0988 | ALL            | ALL  | Strap, Grounding                      | 525 32508 001 | 3        | 10     |
|      | 0303/1093 thru 0345/1215 | 40, 46, 50, 58 |      |                                       |               |          |        |
| 54   | 0153/0543 thru 0278/0988 | ALL            | ALL  | Cable, 2 Compressor Condenser Fan VSD | 571 04178 256 | 1        | 10     |
|      | 0303/1093 thru 0345/1215 | 40, 46, 50, 58 | ALL  | Cable, 2 Compressor Condenser Fan VSD | 571 04178 257 | 1        | 10     |
| 68   | 0153/0543 thru 0278/0988 | ALL            | ALL  | Cable, Ribbon, Display                | 571 04178 261 | 1        | 10     |
| 69   | 0153/0543 thru 0278/0988 | ALL            | ALL  | Cable, Ribbon, Keypad                 | 571 04178 262 | 1        | 10     |
| 71   | 0153/0543 thru 0278/0988 | ALL            | ALL  | Cable, Logic To Control               | 571 04178 271 | 1        | 10     |
|      | 0303/1093 thru 0345/1215 | 40, 46, 50, 58 | ALL  | Cable, Logic To Control               | 571 04179 271 | 1        | 10     |
| 86   | 0153/0543 thru 0278/0988 | ALL            | ALL  | Cable, Shielded                       | 571 05578 291 | 1        | 10     |
|      | 0303/1093 thru 0345/1215 | 40, 46, 50, 58 |      |                                       |               |          |        |



**FIGURE 10 - CONTROL PANEL WIRING**

**TABLE 17 - CONTROL PANEL COMPONENTS**

| ITEM       | MODELS                                               | VOLTAGE CODE   | FANS <sup>1</sup> | DESCRIPTION                      | PART NUMBER   | QUANTITY | FIGURE |
|------------|------------------------------------------------------|----------------|-------------------|----------------------------------|---------------|----------|--------|
| <b>5</b>   | 0153/0543 thru 0278/0988                             | ALL            | ALL               | Relay, Control, DPST-NO, 120 VAC | 024 30441 000 | 1        | 11     |
|            | 0303/1093 thru 0345/1215                             | 40, 46, 50, 58 |                   |                                  |               |          |        |
| <b>7</b>   | 0153/0543 thru 0278/0988                             | ALL            | ALL               | Transformer, Class 2             | 025 27911 000 | 3        | 11     |
|            | 0303/1093 thru 0345/1215                             | 40, 46, 50, 58 |                   |                                  |               |          |        |
| <b>15</b>  | 0153/0543 thru 0278/0988                             | ALL            | ALL               | Fuseholder-Modular, 1-Pole       | 025 39951 000 | 5        | 11     |
|            | 0303/1093 thru 0345/1215                             | 40, 46, 50, 58 |                   |                                  |               |          |        |
| <b>17</b>  | 0153/0543 thru 0278/0988                             | ALL            | ALL               | Control, Voltage                 | 031 02453 000 | 1        | 11     |
|            | 0303/1093 thru 0345/1215                             | 40, 46, 50, 58 |                   |                                  |               |          |        |
| <b>22</b>  | 0153/0543 thru 0278/0988                             | ALL            | ALL               | Resistor, Power Wirewound        | 025 35953 000 | 12       | 11     |
|            | 0303/1093 thru 0345/1215                             | 40, 46, 50, 58 |                   |                                  |               |          |        |
| <b>23</b>  | 0153/0543 thru 0278/0988                             | ALL            | ALL               | Capacitor, DV/DT Network         | 025 39806 000 | 6        | 11     |
|            | 0303/1093 thru 0345/1215                             | 40, 46, 50, 58 |                   |                                  |               |          |        |
| <b>25</b>  | 0153/0543 thru 0278/0988                             | ALL            | ALL               | Thermal Pad, Resistor, ¾" Wide   | 028 15299 000 | 12       | 11     |
|            | 0303/1093 thru 0345/1215                             | 40, 46, 50, 58 | ALL               |                                  |               |          |        |
| <b>31</b>  | 0153/0543 thru 0278/0988                             | ALL            | ALL               | Control, Tme Bus Isolator        | 031 01624 000 | 1        | 11     |
|            | 0303/1093 thru 0345/1215                             | 40, 46, 50, 58 |                   |                                  |               |          |        |
| <b>32</b>  | 0153/0543 thru 0278/0988                             | ALL            | ALL               | Gasket, Field Power              | 028 15246 000 | 1        | 11     |
|            | 0303/1093 thru 0345/1215                             | 40, 46, 50, 58 |                   |                                  |               |          |        |
| <b>33</b>  | 0153/0543 thru 0278/0988                             | ALL            | ALL               | Gasket, Customer Connection      | 028 15247 000 | 1        | 11     |
|            | 0303/1093 thru 0345/1215                             | 40, 46, 50, 58 |                   |                                  |               |          |        |
| <b>35</b>  | 0153/0543 thru 0278/0988                             | ALL            | ALL               | Gasket, Auto Transformer         | 028 15249 000 | 1        | 11     |
|            | 0303/1093 thru 0345/1215                             | 40, 46, 50, 58 |                   |                                  |               |          |        |
| <b>41</b>  | 0153/0543 thru 0278/0988                             | ALL            | ALL               | Cable, Trigger To Gate           | 571 04178 251 | 1        | 11     |
|            | 0303/1093 thru 0345/1215                             | 40, 46, 50, 58 |                   |                                  |               |          |        |
| <b>72</b>  | ALL                                                  | ALL            | ALL               | Stepper Motor                    | 031 02742 000 | 1        | 11     |
| <b>88</b>  | 0153/0543 thru 0278/0988                             | ALL            | ALL               | Fuse, Semi Conductor             | 025 38523 000 | 3        | 11     |
|            | 0303/1093 thru 0345/1215                             | 40, 46, 50, 58 |                   |                                  |               |          |        |
| <b>90</b>  | 0153/0543 thru 0278/0988                             | ALL            | ALL               | Fuse, Cartridge Type, 10 Amp     | 025 35905 000 | 1        | 11     |
|            | 0303/1093 thru 0345/1215                             | 40, 46, 50, 58 |                   |                                  |               |          |        |
| <b>92</b>  | 0153/0543 thru 0278/0988                             | ALL            | ALL               | Fuse, Cartridge Type, 15 Amp     | 025 34141 000 | 1        | 11     |
|            | 0303/1093 thru 0345/1215                             | 40, 46, 50, 58 |                   |                                  |               |          |        |
| <b>93</b>  | 0153/0543 thru 0278/0988                             | ALL            | ALL               | Fuse, Cartridge Type, 20 Amp     | 025 35908 000 | 1        | 11     |
|            | 0303/1093 thru 0345/1215                             | 40, 46, 50, 58 |                   |                                  |               |          |        |
| <b>94</b>  | 0153/0543 thru 0278/0988                             | ALL            | ALL               | Fuse, Cartridge Type, 6 Amp      | 025 35902 000 | 3        | 11     |
|            | 0303/1093 thru 0345/1215                             | 40, 46, 50, 58 |                   |                                  |               |          |        |
| <b>95</b>  | 0153/0543 thru 0278/0988                             | ALL            | ALL               | Fuse, Cartridge Type, 10 Amp     | 025 35905 000 | 1        | 11     |
| <b>156</b> | 0153/0543 thru 0178/0588                             | ALL            | HA/HS             | Lug, Elec Sgl Bbl, #4-500        | 025 32835 000 | A/R      | 11     |
| <b>166</b> | ALL                                                  | ALL            | HA/HS             | Control Trigger Board            | 031 02060 001 | 1        | 11     |
| <b>167</b> | 0153/0543 thru 0198/0688<br>0213/0743 thru 0218/0788 | 40             | HA/HS             | Transformer, 3KVA, 380:120VAC    | 025 40114 008 | 1        | 11     |
| <b>167</b> | 0153/0543 thru 0278/0988                             | 40             | ALL <sup>3</sup>  | Transformer, 2KVA, 380:120VAC    | 025 40114 007 | 1        | 11     |

Notes: 1. LS/UQ = Low Sound/Ultra Quiet Fans. HA/HS = High Airflow/High Static Fans

2. Non Fused Disconnect Switch and Circuit Breaker

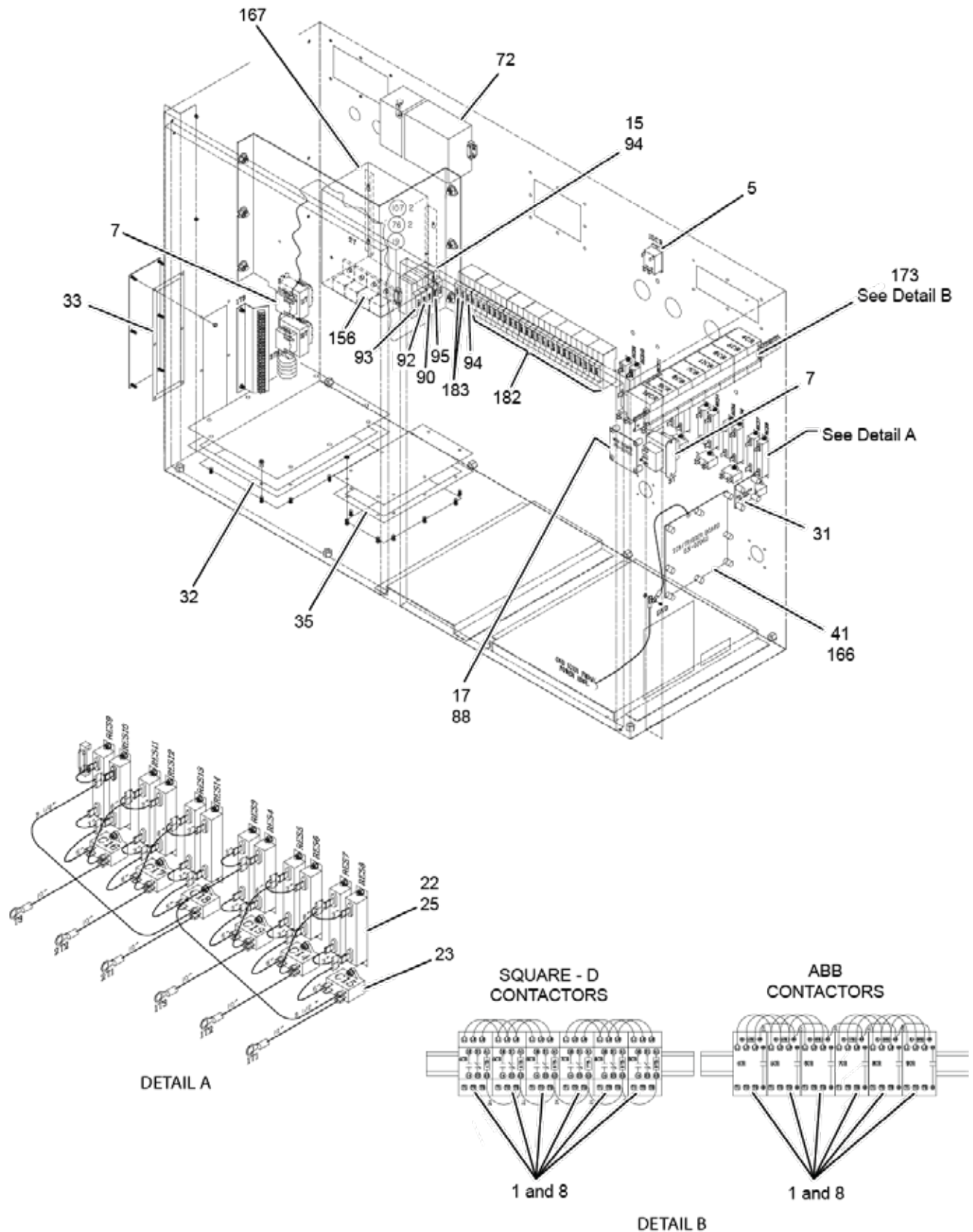
3. Terminal Board and Non Fused Disconnect Switch (HA/HS), Terminal Board (LS/UQ)

4. Terminal Board only (HA/HS)

**TABLE 17 - CONTROL PANEL COMPONENTS (CONT'D)**

| ITEM | MODELS                              | VOLTAGE CODE       | FANS¹     | DESCRIPTION                   | PART NUMBER   | QUANTITY | FIGURE |
|------|-------------------------------------|--------------------|-----------|-------------------------------|---------------|----------|--------|
| 167  | ALL                                 | 50                 | ALL       | Transformer, 2KVA, 480:120VAC | 025 40114 001 | 1        | 11     |
| 167  | ALL                                 | 50                 | ALL       | Transformer, 2KVA, 400:120VAC | 025 40114 005 | 1        | 11     |
| 173  | 0153/0543 thru 0275/0965            | 17                 | HA/HS     | Contactor, 3 Pole, 25A 480VAC | 024 35905 000 | 8        | 11     |
| 173  | 0153/0543 thru 0278/0988            | 28, 40, 46, 50, 58 | LS/UQ     | Contactor, 3 Pole, 25A 480VAC | 024 35905 000 | 12       | 11     |
|      |                                     | ALL                | LS/UQ     | Contactor, 3 Pole, 8A 480VAC  | 024 34916 000 | 4        | 11     |
|      |                                     | ALL                | HA/HS     | Contactor, 3 Pole, 8A 480VAC  | 024 34916 000 | 8        | 11     |
| 182  | 0153/0543 thru 0275/0965            | 17                 | HA/HS     | Fuse, Cartridge Type, 30 Amp  | 025 39683 000 | 24       | 11     |
| 182  | 0153/0543 thru 0278/0988            | 17, 28             | LS/UQ     | Fuse, Cartridge Type, 30 Amp  | 025 39683 000 | 12       | 11     |
|      |                                     | 40, 46, 50, 58     |           | Fuse, Cartridge Type, 30 Amp  | 025 39683 000 | 24       | 11     |
|      |                                     | 40, 46, 50, 58     | HA/HS     | Fuse, Cartridge Type, 30 Amp  | 025 39683 000 | 24       | 11     |
| 182  | 0303/1093 thru 0345/1215            | 40, 46, 50, 58     | LS/UQ     | Fuse, Cartridge Type, 30 Amp  | 025 39683 000 | 18       | 11     |
|      |                                     |                    | HA/HS     | Fuse, Cartridge Type, 30 Amp  | 025 39683 000 | 30       | 11     |
| 183  | ALL                                 | 17,28,46, 58,      | ALL       | Fuse, Cartridge Type 10 Amp   | 025 35905 000 | 2        | 11     |
| 183  | 0153/0543<br>0213/0743thru0218/0788 | 46                 | ALL⁴      | Fuse, Cartridge Type 10 Amp   | 025 35905 000 | 3        | 11     |
| 183  | 0153/0543 thru 0178/0588            | 40, 50             | ALL       | Fuse, Cartridge Type 12 Amp   | 025 35906 000 | 2        | 11     |
| 183  | 0153/0543 thru 0278/0988            | 58                 | HA/HS     | Fuse, Cartridge Type 12 Amp   | 025 35906 000 | 2        | 11     |
| 183  | 0153/0543 thru 0278/0988            | 46                 | HA/HS/HS⁵ | Fuse, Cartridge Type 12 Amp   | 025 35906 000 | 3        | 11     |

Notes: 1. LS/UQ = Low Sound/Ultra Quiet Fans. HA/HS = High Airflow/High Static Fans  
2. Non Fused Disconnect Switch and Circuit Breaker  
3. Terminal Board and Non Fused Disconnect Switch (HA/HS), Terminal Board (LS/UQ)  
4. Terminal Board only (HA/HS)



**FIGURE 11 - CONTROL PANEL COMPONENTS**

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**TABLE 18 - CONTROL PANEL COMPONENTS**

| ITEM | MODELS                                                            | VOLTAGE CODE     | FANS <sup>1</sup> | DESCRIPTION                     | PART NUMBER   | QUANTITY | FIGURE |
|------|-------------------------------------------------------------------|------------------|-------------------|---------------------------------|---------------|----------|--------|
| 37   | 0153/0543 thru 0278/0988                                          | ALL              | ALL               | Gasket, Coil Drive              | 028 15251 000 | 1        | 12     |
|      | 0303/1093 thru 0345/1215                                          | 40, 46, 50, 58   |                   |                                 |               |          |        |
| 41   | 0153/0543 thru 0278/0988                                          | ALL              | ALL               | Cable, Trig To Gate             | 571 04178 251 | 1        | 12     |
|      | 0303/1093 thru 0345/1215                                          | 40, 46, 50, 58   |                   | Cable, Trig-Gate, "D"           | 571 05678 251 | 1        | 12     |
| 42   | 0153/0543 thru 0278/0988                                          | ALL              | ALL               | Cable, Gate Driver              | 571 04178 281 | 1        | 12     |
|      | 0303/1093 thru 0345/1215                                          | 40, 46, 50, 58   |                   | Cable, Gate-Logic, "D"          | 571 05678 281 | 1        | 12     |
| 43   | 0153/0543 thru 0278/0988                                          | ALL              | ALL               | Cable, Gate Driver              | 571 04178 282 | 1        | 12     |
|      | 0303/1093 thru 0345/1215                                          | 40, 46, 50, 58   |                   | Cable, Gate-Logic, "D"          | 571 05678 282 | 1        | 12     |
| 157  | 0153/0543 thru 0178/0588                                          | 40, 50           | HA/HS             | Inductor, Drive, 2 Compressor   | 025 42133 000 | 1        | 12     |
|      | 0153/0543 thru 0198/0688<br>0213/0743 thru 0218/0788              | 46               |                   |                                 |               |          |        |
| 157  | 0153/0543 thru 0278/0988                                          | 58               | HA/HS             | Inductor, Drive, 2/4 Compressor | 025 40742 000 | 1        | 12     |
|      | 0183/0643 thru 0278/0988                                          | 40, 50           |                   |                                 |               |          |        |
|      | 0200/0700<br>0233/0843 thru 0278/0988                             | 46               |                   |                                 |               |          |        |
| 157  | 0303/1093 thru 0345/1215                                          | 40, 50           | ALL               | Inductor, Drive, 3 Compressor   | 025 40741 000 | 1        | 12     |
| 157  | 0303/1093 thru 0345/1215                                          | 46, 58           | ALL               | Inductor, Drive, 3 Compressor   | 025 39676 000 | 1        | 12     |
| 175  | 0153/0543 thru 0275/0965                                          | 17               | HA/HS             | Transformer, Drive, System #1   | 371 04178 365 | 1        | 12     |
|      | 0153/0543 thru 0278/0988                                          | 28               | HA/HS             |                                 |               |          |        |
|      |                                                                   | 17, 28           | LS/UQ             |                                 |               |          |        |
|      | 0153/0543 thru 0345/1215                                          | 40, 46, 50, 58   | LS/UQ<br>HA/HS    |                                 |               |          |        |
| 175  | 0200/0700<br>0233/0843 thru 0278/0988<br>0303/1093 thru 0345/1215 | 40, 50<br>46, 58 | ALL               | Transformer, Drive, System #1   | 371 04178 369 | 1        | 12     |
| 176  | 0153/0543 thru 0275/0965                                          | 17               | HA/HS             | Transformer, Drive, System #2   | 371 04178 367 | 1        | 12     |
|      | 0153/0543 thru 0278/0988                                          | 28               | HA/HS             |                                 |               |          |        |
|      |                                                                   | 17, 28           | LS/UQ             |                                 |               |          |        |
|      | 0153/0543 thru 0345/1215                                          | 40, 46, 50, 58   | ALL               |                                 |               |          |        |
| 176  | 0200/0700<br>0233/0843 thru 0345/1215                             | 40, 50           | ALL               | Transformer, Drive, System #2   | 371 04178 378 | 1        | 12     |
|      | 0303/1093 thru 0345/1215                                          | 46, 58           | ALL               |                                 |               |          |        |
| 178  | 0153/0543 thru 0275/0965                                          | 17               | HA/HS             | Fuse, Semi, 900A, 700V          | 025 40786 000 | 3        | 12     |
| 178  | 0153/0543 thru 0178/0588<br>0200/0700<br>0233/0843 thru 0278/0988 | 28               | HA/HS             | Fuse, Semi, 900A, 700V          | 025 40786 000 | 3        | 12     |
| 178  | 0153/0543 thru 0178/0588                                          | 40 <sup>3</sup>  | LS/UQ             | Fuse, Semi, 630A, 700v          | 025 42142 000 | 3        | 12     |
| 178  | 0183/0643 thru 0198/0688<br>0213/0743 thru 0218/0788              | 40               | ALL               | Fuse, Semi, 900A, 700V          | 025 40786 000 | 3        | 12     |

Notes: 1. LS/UQ = Low Sound/Ultra Quiet Fans, HA/HS = High Airflow/High Static Fans

2. Circuit Breaker and Non Fused Disconnect Switch

3. Terminal Block

**TABLE 18 - CONTROL PANEL COMPONENTS (CONT'D)**

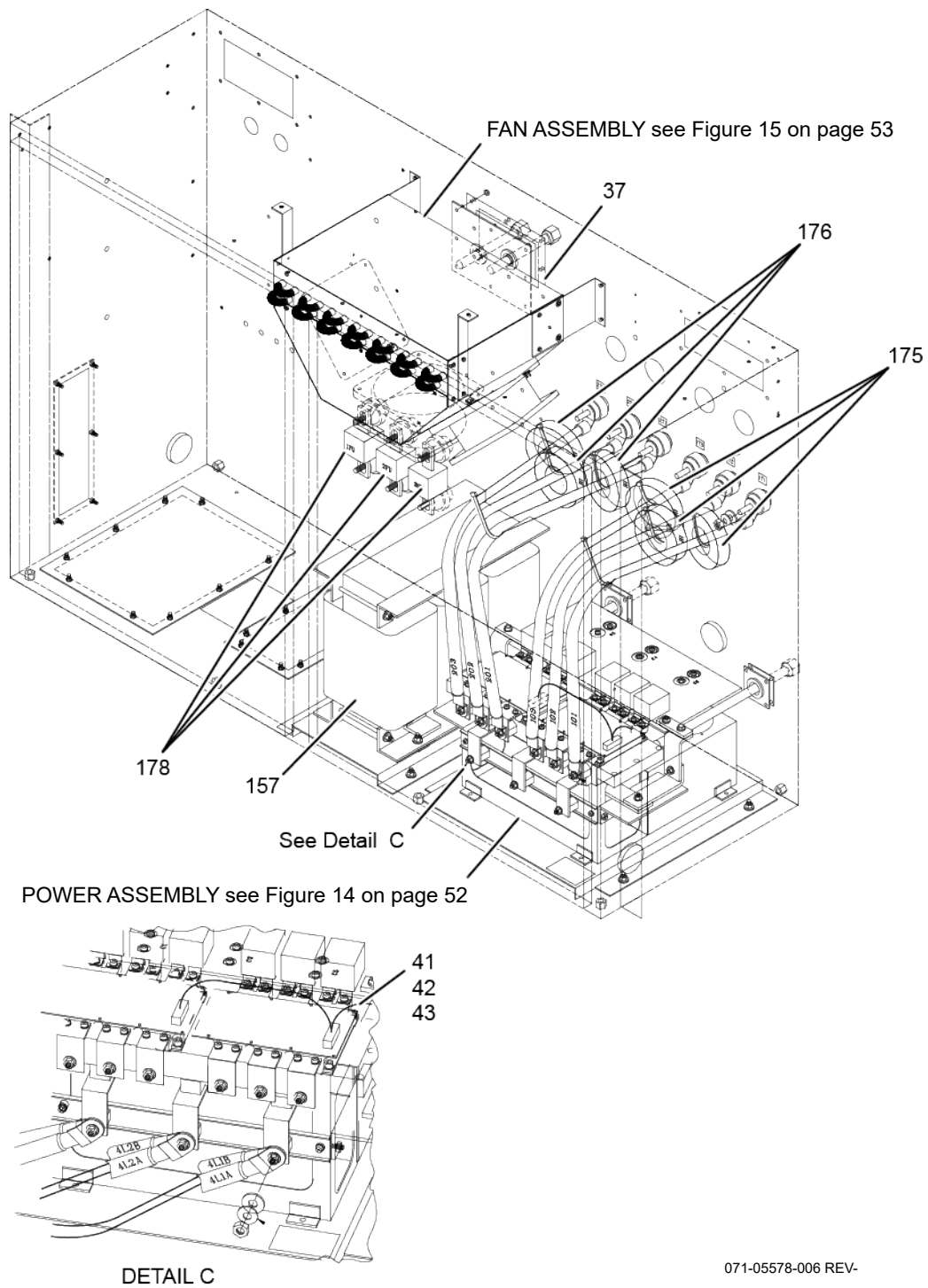
| ITEM | MODELS                                                      | VOLTAGE CODE    | FANS <sup>1</sup> | DESCRIPTION             | PART NUMBER   | QUANTITY | FIGURE |
|------|-------------------------------------------------------------|-----------------|-------------------|-------------------------|---------------|----------|--------|
| 178  | 0200/0700<br>0233/0843- 0278/0988                           | 40              | LS/UQ             | Fuse, Semi, 900A, 700V  | 025 40786 000 | 3        | 12     |
| 178  | 0303/1093 - 0345/1215                                       | 40 <sup>4</sup> | HA/HS             | Fuse, Semi, 1250A, 700V | 025 40764 000 | 3        | 12     |
| 178  | 0153/0543 - 0178/0588                                       | 40, 50          | HA/HS             | Fuse, Semi, 700A, 700V  | 025 39681 000 | 3        | 12     |
| 178  | 0303/1093 - 0345/1215                                       | 40, 50          | ALL               | Fuse, Semi, 1400A, 700V | 025 40787 000 | 3        | 12     |
| 178  | 0153/0543 - 0198/0688<br>0213/0743 - 0218/0788              | 46              | ALL               | Fuse, Semi, 700A, 700V  | 025 39681 000 | 3        | 12     |
| 178  | 0200/0700<br>0233/0843 - 0278/0988                          | 46              | HA/HS             | Fuse, Semi, 900A, 700V  | 025 40786 000 | 3        | 12     |
| 178  | 0303/1093 - 0345/1215                                       | 46, 58          | HA/HS             | Fuse, Semi, 1100A, 600V | 025 39682 000 | 3        | 12     |
| 178  | 0153/0543 - 0178/0588                                       | 50              | LS/UQ             | Fuse, Semi, 630A, 700V  | 025 42142 000 | 3        | 12     |
| 178  | 0183/0643 - 0198/0688<br>0213/0743 - 0218/0788              | 50              | ALL               | Fuse, Semi, 900A, 700V  | 025 40786 000 | 3        | 12     |
| 178  | 0153/0543 - 0178/0588<br>0200/0700<br>0233/0843 - 0278/0988 | 58              | HA/HS             | Fuse, Semi, 900A, 700V  | 025 40786 000 | 3        | 12     |

Notes: 1. LS/UQ = Low Sound/Ultra Quiet Fans, HA/HS = High Airflow/High Static Fans

2. Circuit Breaker and Non Fused Disconnect Switch

3. Terminal Block





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**FIGURE 12 - CONTROL PANEL COMPONENTS**

**TABLE 19 - CONTROL PANEL COMPONENTS**

| ITEM | MODELS                   | VOLTAGE CODE   | FANS <sup>1</sup> | DESCRIPTION                           | PART NUMBER   | QUANTITY | FIGURE |
|------|--------------------------|----------------|-------------------|---------------------------------------|---------------|----------|--------|
| 8    | 0153/0543 thru 0278/0988 | ALL            | ALL               | Shielded, 2 Compressor, Right         | 071 05183 000 | 1        | 13     |
|      | 0303/1093 thru 0345/1215 | 40, 46, 50, 58 |                   | Shield, 3 Compressor, Right           | 071 05187 000 | 1        | 13     |
| 9    | 0153/0543 thru 0278/0988 | ALL            | ALL               | Shielded, 2/3 Compressor              | 071 05184 000 | 1        | 13     |
|      | 0303/1093 thru 0345/1215 | 40, 46, 50, 58 |                   |                                       |               |          |        |
| 20   | 0153/0543 thru 0278/0988 | ALL            | ALL               | Control Relay Board                   | 031 02479 001 | 2        | 13     |
|      | 0303/1093 thru 0345/1215 | 40, 46, 50, 58 |                   |                                       |               |          |        |
| 28   | 0153/0543 thru 0278/0988 | ALL            | ALL               | Control, System                       | 331 03478 101 | 1        | 13     |
|      | 0303/1093 thru 0345/1215 | 40, 46, 50, 58 |                   |                                       |               |          |        |
| 34   | 0153/0543 thru 0278/0988 | ALL            | ALL               | Gasket, Circuit Breaker, 2 Compressor | 028 15824 000 | 1        | 13     |
|      | 0303/1093 thru 0345/1215 | 40, 46, 50, 58 | ALL               | Gasket, Circuit Breaker               | 028 15248 000 | 1        | 13     |
| 58   | 0153/0543 thru 0278/0988 | ALL            | ALL               | SD Card with Software, Control Board  | 031 03476 010 | 1        | 13     |
|      | 0303/1093 thru 0345/1215 | 40, 46, 50, 58 |                   | Blank SD Card                         | 031 03466 000 |          |        |
| 59   | 0153/0543 thru 0278/0988 | ALL            | ALL               | EPROM PWM GEN VSD                     | 031 02522 001 | 1        | 13     |
|      | 0303/1093 thru 0345/1215 | 40, 46, 50, 58 | ALL               | EPROM, Logic Board                    | 031 02522 010 | 1        | 13     |
| 61   | 0153/0543 thru 0278/0988 | ALL            | ALL               | Switch, Keypad                        | 024 34930 000 | 1        | 13     |
|      | 0303/1093 thru 0345/1215 | 40, 46, 50, 58 |                   |                                       |               |          |        |
| 62   | 0153/0543 thru 0278/0988 | ALL            | ALL               | Display, LCD                          | 031 02508 000 | 1        | 13     |
|      | 0303/1093 thru 0345/1215 | 40, 46, 50, 58 |                   |                                       |               |          |        |
| 63   | 0153/0543 thru 0278/0988 | ALL            | ALL               | Switch, DPST, Two Position            | 024 34951 000 | 1        | 13     |
|      | 0303/1093 thru 0345/1215 | 40, 46, 50, 58 |                   |                                       |               |          |        |
| 68   | 0153/0543 thru 0278/0988 | ALL            | ALL               | Cable, Ribbon, Display                | 571 04178 261 | 1        | 13     |
|      | 0303/1093 thru 0345/1215 | 40, 46, 50, 58 | ALL               | Cable, Display/Control Board          | 571 04178 268 | 1        | 13     |
| 69   | 0153/0543 thru 0278/0988 | ALL            | ALL               | Cable, Ribbon, Keypad                 | 571 04178 262 | 1        | 13     |
|      | 0303/1093 thru 0345/1215 | 40, 46, 50, 58 | ALL               | Cable, Keypad/Control Board           | 571 04178 269 | 1        | 13     |
| 70   | 0153/0543 thru 0278/0988 | ALL            | ALL               | Cable, Ribbon, Relay                  | 571 04178 263 | 1        | 13     |
|      | 0303/1093 thru 0345/1215 | 40, 46, 50, 58 |                   |                                       |               |          |        |

Notes: 1. LS/UQ = Low Sound/Ultra Quiet Fans. HA/HS = High Airflow/High Static Fans

2. Flash Drive used on Single Pole Terminal Block and Circuit Breaker units, EPROM used on Single Pole Non Fused Disconnect Switch units.

3. Used on 380 and 460 Volt units ending in A or B.

**TABLE 19 - CONTROL PANEL COMPONENTS (CONT'D)**

| ITEM | MODELS                                               | VOLTAGE CODE   | FANS <sup>1</sup> | DESCRIPTION                   | PART NUMBER   | QUANTITY | FIGURE |
|------|------------------------------------------------------|----------------|-------------------|-------------------------------|---------------|----------|--------|
| 77   | 0153/0543 thru 0278/0988                             | ALL            | ALL               | Cable, Ribbon, Relay          | 571 04178 264 | 1        | 13     |
|      | 0303/1093 thru 0345/1215                             | 40, 46, 50, 58 |                   |                               |               |          |        |
| 152  | 0153/0543 thru 0178/0588                             | 40             | LS/UQ             | Breaker, 500 Amp              | 371 05264 007 | 1        | 13     |
|      |                                                      |                | HA/HS             | Breaker, 600 Amp              | 371 05264 001 | 1        | 13     |
| 152  | 0153/0543 thru 0178/0588                             | 50             | LS/UQ             | Breaker, 500 Amp              | 371 05264 007 | 1        | 13     |
|      |                                                      |                | HA/HS             | Breaker, 600 Amp              | 371 05264 001 | 1        | 13     |
| 152  | 0153/0543 thru 0198/0688<br>0213/0743 thru 0218/0788 | 46             | ALL               | Breaker, 600 Amp              | 371 05264 001 | 1        | 13     |
|      |                                                      |                |                   | Breaker, 600 Amp              |               |          |        |
| 152  | 0153/0543 thru 0278/0988                             | 28             | ALL               | Breaker, 1200 Amp             | 371 05264 003 | 1        | 13     |
| 152  | 0153/0543 thru 0278/0988                             | 58             | ALL               | Breaker, 600 Amp              | 371 05264 004 | 1        | 13     |
| 152  | 0183/0643 thru 0198/0688<br>0213/0743 thru 0218/0788 | 40             | LS/UQ             | Breaker, 600 Amp              | 371 05264 001 | 1        | 13     |
| 152  | 0183/0643 thru 0198/0688<br>0213/0743 thru 0218/0788 | 40             | HA/HS             | Breaker, 800 Amp              | 371 05264 006 | 1        | 13     |
| 152  | 0183/0643 thru 0198/0688<br>0213/0743 thru 0218/0788 | 50             | LS/UQ             | Breaker, 600 Amp              | 371 05264 001 | 1        | 13     |
|      |                                                      |                | HA/HS             | Breaker, 800 Amp              | 371 05264 005 | 1        | 13     |
| 152  | 0200/0700<br>0233/0843 thru 0278/0988                | 40             | LS/UQ             | Breaker, 800 Amp              | 371 05264 005 | 1        | 13     |
| 152  | 0200/0700<br>0233/0843 thru 0278/0988                | 46             | LS/UQ             | Breaker, 600 Amp              | 371 05264 001 | 1        | 13     |
|      |                                                      |                | HA/HS             | Breaker, 800 Amp              | 371 05264 006 | 1        | 13     |
| 152  | 0200/0700<br>0233/0843 thru 0278/0988                | 50             | ALL               | Breaker, 800 Amp              | 371 05264 005 | 1        | 13     |
| 152  | 0303/1093 thru 0345/1215                             | 40             | LS/UQ             | Circuit Breaker Kit, 1000 Amp | 371 05264 008 | 1        | 13     |
|      |                                                      |                | HA/HS             | Circuit Breaker Kit, 1200 Amp | 371 05264 009 | 1        | 13     |
| 152  | 0303/1093 thru 0345/1215                             | 46             | LS/UQ             | Breaker, 800 Amp              | 371 05264 005 | 1        | 13     |
|      |                                                      |                | HA/HS             | Circuit Breaker Kit, 1000 Amp | 371 05264 008 | 1        | 13     |
| 152  | 0303/1093 thru 0345/1215                             | 50             | LS/UQ             | Circuit Breaker Kit, 1000 Amp | 371 05264 008 | 1        | 13     |
|      |                                                      |                | HA/HS             | Circuit Breaker Kit, 1200 Amp | 371 05264 009 | 1        | 13     |
| 152  | 0303/1093 thru 0345/1215                             | 58             | ALL               | Breaker, 800 Amp              | 371 05264 002 | 1        | 13     |
| 153  | 0303/1093 thru 0345/1215                             | 40             | ALL               | Kit, Disconnect, 1200 Amp     | 371 05271 004 | 1        | 13     |
| 153  | 0303/1093 thru 0345/1215                             | 46             | HA/HS             | Kit, Disconnect, 1000 Amp     | 371 05271 003 | 1        | 13     |
|      |                                                      |                | LS/UQ             | Kit, Disconnect, 800 Amp      | 371 05271 002 | 1        | 13     |
| 153  | 0303/1093 thru 0345/1215                             | 50             | HA/HS             | Kit, Disconnect, 1200 Amp     | 371 05271 004 | 1        | 13     |
|      |                                                      |                | LS/UQ             | Kit, Disconnect, 1200 Amp     | 371 05271 003 | 1        | 13     |

Notes: 1. LS/UQ = Low Sound/Ultra Quiet Fans. HA/HS = High Airflow/High Static Fans

2. Flash Drive used on Single Pole Terminal Block and Circuit Breaker units, EPROM used on Single Pole Non Fused Disconnect Switch units.

3. Used on 380 and 460 Volt units ending in A or B.

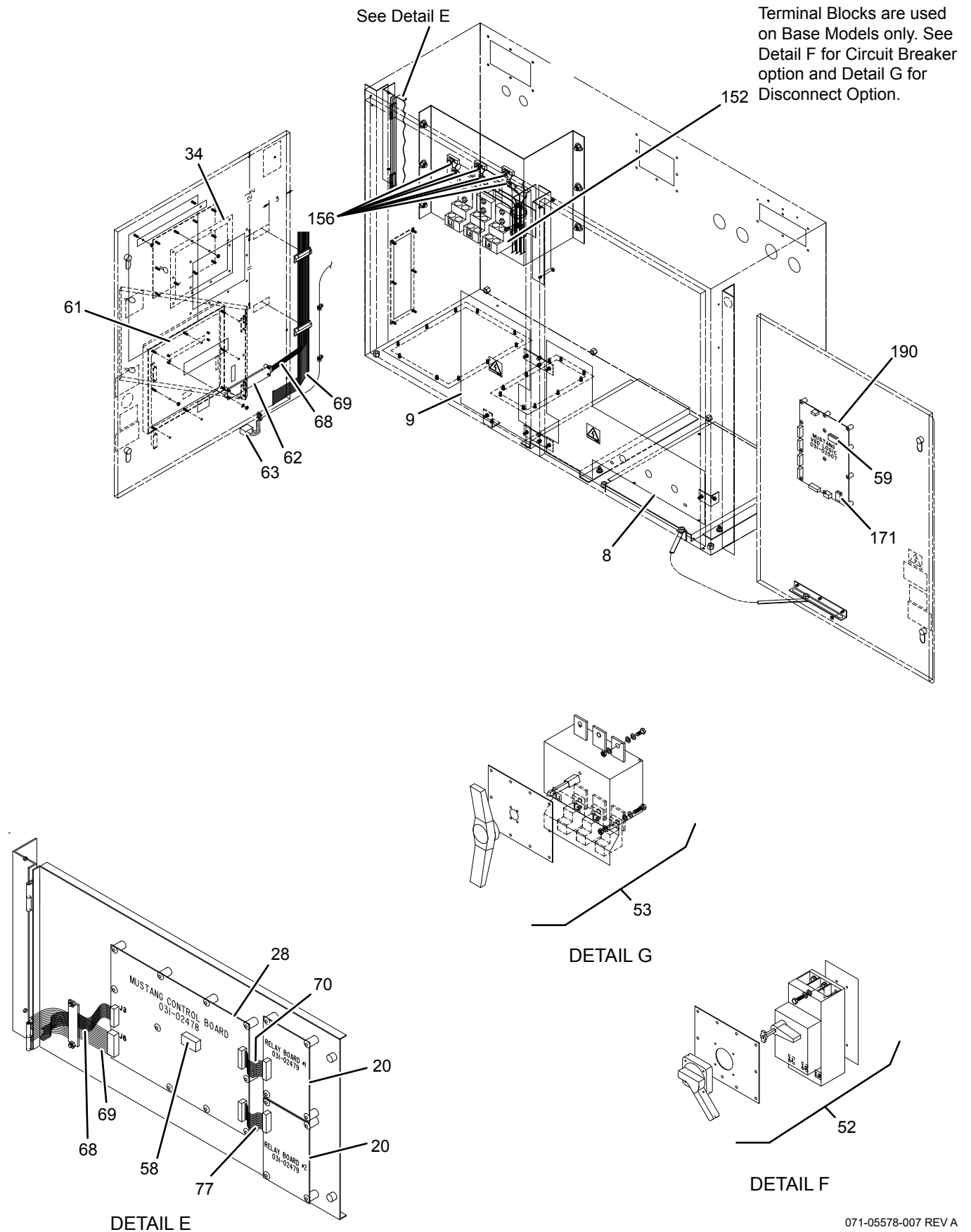
**TABLE 19 - CONTROL PANEL COMPONENTS (CONT'D)**

| ITEM       | MODELS                                               | VOLTAGE CODE        | FANS <sup>1</sup> | DESCRIPTION              | PART NUMBER   | QUANTITY | FIGURE |
|------------|------------------------------------------------------|---------------------|-------------------|--------------------------|---------------|----------|--------|
| <b>153</b> | 0303/1093 thru 0345/1215                             | 58                  | HA/HS             | Kit, Disconnect, 800 Amp | 371 05271 000 | 1        | 13     |
|            |                                                      |                     | LS/UQ             | Kit, Disconnect, 800 Amp | 371 05271 006 | 1        | 13     |
| <b>171</b> | 0153/0543 thru 0178/0588                             | 40, 50              | ALL               | Flash Control, VSD       | 031 02649 002 | 1        | 13     |
| <b>171</b> | 0153/0543 thru 0198/0688<br>0213/0743 thru 0218/0788 | 46                  | ALL               | Flash Control, VSD       | 031 02649 001 | 1        | 13     |
| <b>171</b> | 0153/0543 thru 0275/0965                             | 17                  | ALL               | Flash Control, VSD       | 031 02649 001 | 1        | 13     |
| <b>171</b> | 0153/0543 thru 0278/0988                             | 28, 58              | ALL               | Flash Control, VSD       | 031 02649 001 | 1        | 13     |
| <b>171</b> | 0183/0643 thru 0198/0688<br>0213/0743 thru 0218/0788 | 40, 50              | ALL               | Flash Control, VSD       | 031 02649 002 | 1        | 13     |
| <b>171</b> | 0200/0700<br>0233/0843 thru 0278/0988                | 40                  | LS/UQ             | Flash Control, VSD       | 031 02649 003 | 1        | 13     |
|            |                                                      | 46                  | ALL               | Flash Control, VSD       | 031 02649 001 | 1        | 13     |
|            |                                                      | 50                  | ALL               | Flash Control, VSD       | 031 02649 003 | 1        | 13     |
| <b>171</b> | 0200/0700<br>0233/0843 thru 0278/0988                | 40 <sup>3</sup>     | HA/HS             | EPROM, Logic Board       | 031 02649 012 | 1        | 13     |
|            |                                                      |                     | HA/HS             | Flash Control, VSD       | 031 02649 003 | 1        | 13     |
| <b>171</b> | 0303/1093 thru 0345/1215                             | 40, 46,<br>50, 58   | ALL               | EPROM, Logic Board       | 031 02649 012 | 1        | 13     |
| <b>190</b> | 0153/0543 thru 0198/0688<br>0213/0743 thru 0218/0788 | 40, 50 <sup>4</sup> | ALL               | Control, VSD Logic Board | 031 02507 100 | 1        | 13     |
| <b>190</b> | 0153/0543 thru 0275/0965                             | 17                  | HA/HS             | Control, VSD Logic Board | 031 02507 000 | 1        | 13     |
| <b>190</b> | 0153/0543 thru 0278/0988                             | 17, 28,<br>46, 58   | LS/UQ             | Control, VSD Logic Board | 031 02507 000 | 1        | 13     |
|            |                                                      | 28, 46, 58          | HA/HS             |                          |               |          |        |
|            |                                                      | 40, 50              | HA/HS             |                          |               |          |        |
|            |                                                      | 40, 50              | LS/UQ             |                          |               |          |        |
| <b>190</b> | 0303/1093 thru 0345/1215                             | 40, 46,<br>50, 58   | HA/HS             | Control, VSD Logic Board | 031 02507 000 | 1        | 13     |
|            |                                                      |                     | LS/UQ             |                          |               |          |        |

Notes: 1. LS/UQ = Low Sound/Ultra Quiet Fans. HA/HS = High Airflow/High Static Fans

2. Flash Drive used on Single Pole Terminal Block and Circuit Breaker units, EPROM used on Single Pole Non Fused Disconnect Switch units.

3. Used on 380 and 460 Volt units ending in A or B.



**FIGURE 13 - CONTROL PANEL COMPONENTS**

**TABLE 20 - POWER ASSEMBLY COMPONENTS**

| ITEM | MODELS                                               | VOLTAGE CODE      | FANS <sup>1</sup> | DESCRIPTION                                   | PART NUMBER   | QUANTITY PER UNIT | FIGURE |
|------|------------------------------------------------------|-------------------|-------------------|-----------------------------------------------|---------------|-------------------|--------|
| 2    | ALL                                                  | ALL               | ALL               | Capacitor, Polypropylene Film                 | 025 35972 000 | 6                 | 14     |
| 32   | ALL                                                  | ALL               | ALL               | Thermal Pad, Resistor, 3/4" Wide              | 028 15299 000 | 2                 | 14     |
| 34   | ALL                                                  | ALL               | ALL               | Resistor, Power Wirewound                     | 025 35157 000 | 2                 | 14     |
| 40   | ALL                                                  | ALL               | ALL               | Kit, Suppressor, 480 VAC                      | 331 02556 001 | 3                 | 14     |
| 104  | 0153/0543 thru 0178/0588                             | 40, 50            | ALL               | IGBT Assembly Kit, VSD Frame A&B <sup>3</sup> | 371 04479 001 | 2                 | 14     |
| 104  | 0153/0543 thru 0198/0688<br>0213/0743 thru 0218/0788 | 46                | ALL               | IGBT Assembly Kit, VSD Frame A&B <sup>3</sup> | 371 04479 001 | 2                 | 14     |
| 104  | 0153/0543 thru 0275/0965                             | 17                | HA/HS             | IGBT Assembly Kit, VSD Frame A&B <sup>3</sup> | 371 04479 001 | 2                 | 14     |
| 104  | 0153/0543 thru 0278/0988                             | 17<br>28, 58      | LS/UQ<br>ALL      | IGBT Assembly Kit, VSD Frame A&B <sup>3</sup> | 371 04479 001 | 2                 | 14     |
| 104  | 0183/0643 thru 0198/0688<br>0213/0743 thru 0218/0788 | 40, 50            | ALL               | IGBT Assembly Kit, VSD Frame A&B <sup>3</sup> | 371 04479 001 | 2                 | 14     |
| 104  | 0200/0700<br>0233/0843 thru 0278/0988                | 40, 50            | ALL               | IGBT Assembly Kit, VSD Frame C&D <sup>3</sup> | 371 04479 002 | 2                 | 14     |
|      |                                                      | 46                | ALL               | IGBT Assembly Kit, VSD Frame A&B <sup>3</sup> | 371 04479 001 | 2                 | 14     |
| 104  | 0303/1093 thru 0345/1215                             | 40, 46,<br>50, 58 | All               | IGBT Assembly Kit, VSD Frame C&D <sup>3</sup> | 371 04479 002 | 2                 | 14     |
| 105  | 0153/0543 thru 0178/0588                             | 40, 50            | ALL               | SCR/Diode Module Replacement Kit, VSD Frame A | 371 04478 003 | 3                 | 14     |
| 105  | 0153/0543 thru 0198/0688<br>0213/0743 thru 0218/0788 | 46                | ALL               | SCR/Diode Module Replacement Kit, VSD Frame A | 371 04478 003 | 3                 | 14     |
| 105  | 0153/0543 thru 0275/0965                             | 17                | HA/HS             | SCR/Diode Module Replacement Kit, VSD Frame B | 371 04478 001 | 3                 | 14     |
|      | 0153/0543 thru 0278/0988                             | 17                | LS/UQ             |                                               |               |                   |        |
| 105  | 0153/0543 thru 0278/0988                             | 28, 58            | ALL               | SCR/Diode Module Replacement Kit, VSD Frame B | 371 04478 001 | 3                 | 14     |
| 105  | 0183/0643 thru 0198/0688<br>0213/0743 thru 0218/0788 | 40, 50            | ALL               | SCR/Diode Module Replacement Kit, VSD Frame B | 371 04478 001 | 3                 | 14     |

**Notes:** 1. LS/UQ = Low Sound/Ultra Quiet Fans. HA/HS = High Airflow/High Static Fans.

2. Includes IGBT Gate Driver and IGBT Module as an assembly. DO NOT attempt to replace the IGBT Gate Driver or the IGBT Module individually.

3. Filter Capacitors (Item 5), Capacitor Insulator (Item 24), and the Laminated BUS Structure (Item 106) shown in Figure 14, on page 52 are not replacement parts. This is due to the difficulty in replacing, alignment, and electrical connections of these parts. If damage to these parts occurs, the complete pole assembly must be replaced.

**TABLE 20 - POWER ASSEMBLY COMPONENTS (CONT'D)**

| ITEM       | MODELS                                | VOLTAGE CODE   | FANS <sup>1</sup> | DESCRIPTION                                   | PART NUMBER   | QUANTITY PER UNIT | FIGURE |
|------------|---------------------------------------|----------------|-------------------|-----------------------------------------------|---------------|-------------------|--------|
| <b>105</b> | 0200/0700<br>0233/0843 thru 0278/0988 | 46             | ALL               | SCR/Diode Module Replacement Kit, VSD Frame B | 371 04478 001 | 3                 | 14     |
|            |                                       | 40, 50         | ALL               | SCR/Diode Module Replacement Kit, VSD Frame C | 371 04478 002 | 3                 | 14     |
| <b>105</b> | 0303/1093 thru 0345/1215              | 40, 46, 50, 58 | ALL               | SCR/Diode Module Replacement Kit, VSD Frame D | 371 04539 002 | 3                 | 14     |
| <b>107</b> | 0303/1093 thru 0345/1215              | 40, 46, 50, 58 | All               | Gasket                                        | 028 15113 000 | 2                 | 14     |
| <b>108</b> | 0303/1093 thru 0345/1215              | 40, 46, 50, 58 | All               | Harness, SCR to Trigger Board                 | 571 04192 221 | 1                 | 14     |
| <b>109</b> | 0303/1093 thru 0345/1215              | 40, 46, 50, 58 | All               | Harness, Ground                               | 571 04181 242 | 1                 | 14     |
| <b>110</b> | 0303/1093 thru 0345/1215              | 40, 46, 50, 58 | All               | Harness, Equalizer                            | 571 04192 241 | 1                 | 14     |

**Notes:** 1. LS/UQ = Low Sound/Ultra Quiet Fans. HA/HS = High Airflow/High Static Fans.

2. Includes IGBT Gate Driver and IGBT Module as an assembly. DO NOT attempt to replace the IGBT Gate Driver or the IGBT Module individually.

3. Filter Capacitors (Item 5), Capacitor Insulator (Item 24), and the Laminated BUS Structure (Item 106) shown in Figure 14, on page 52 are not replacement parts. This is due to the difficulty in replacing, alignment, and electrical connections of these parts. If damage to these parts occurs, the complete pole assembly must be replaced.

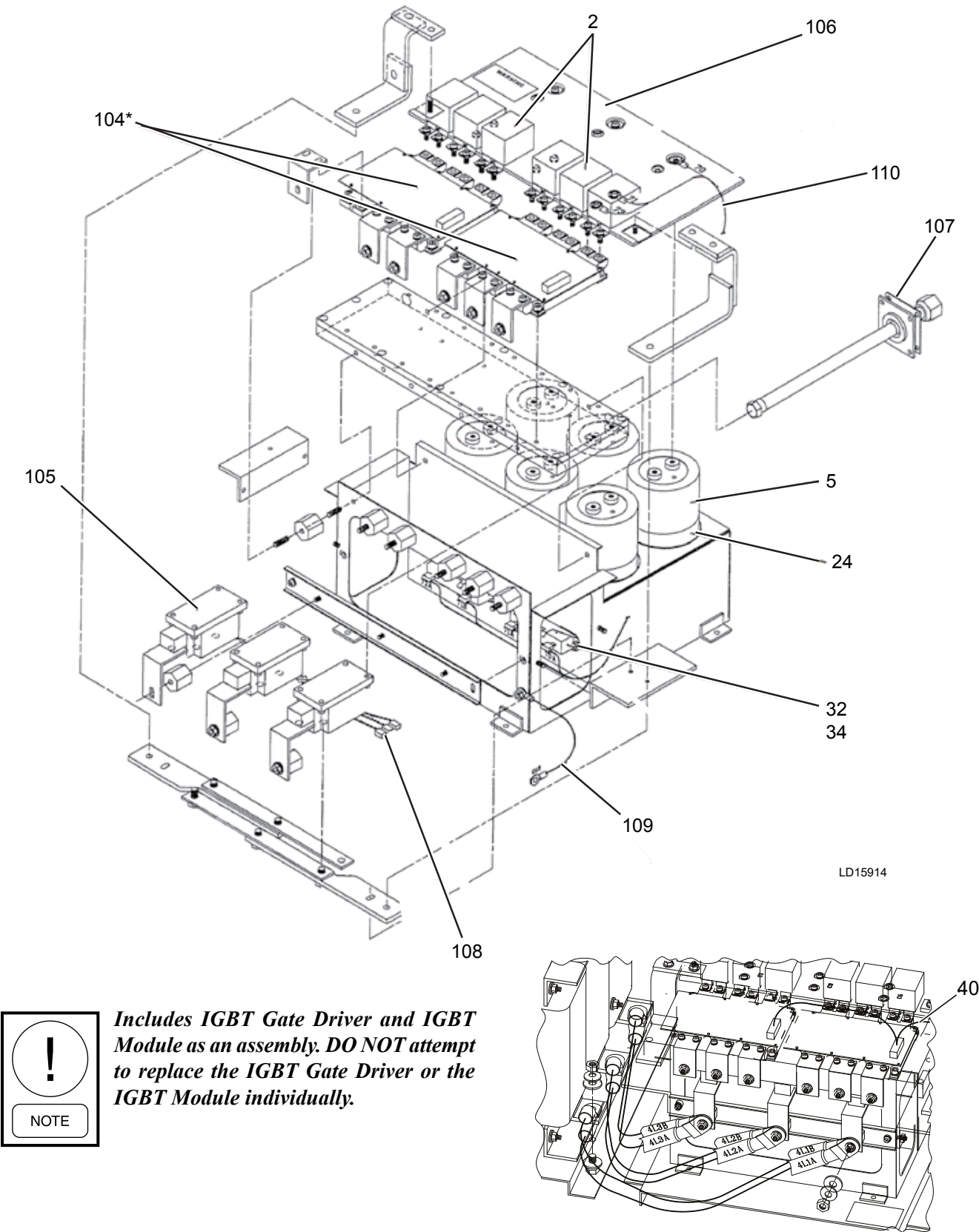
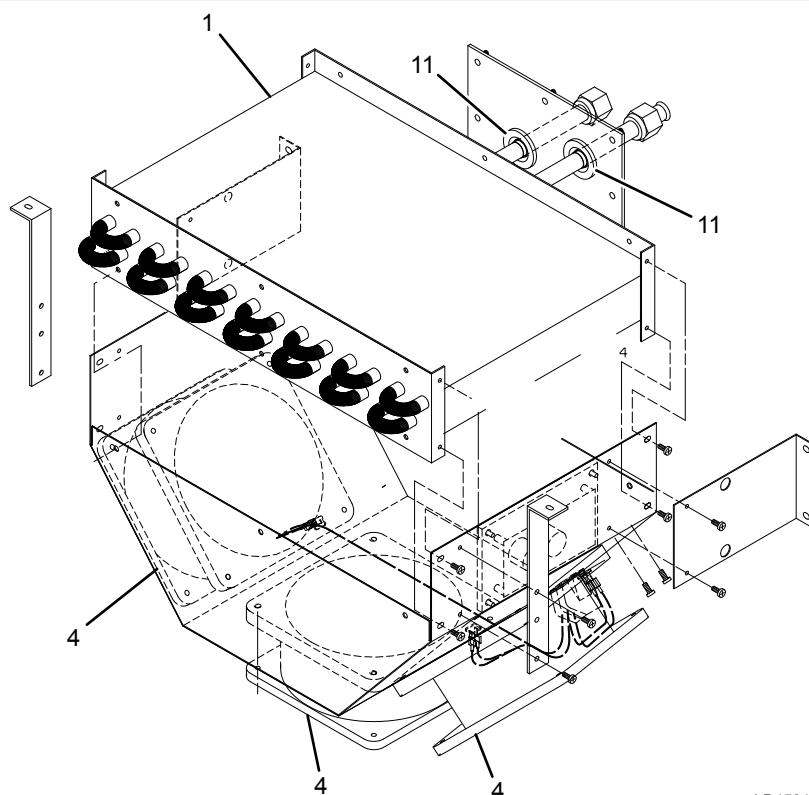


FIGURE 14 - POWER ASSEMBLY COMPONENTS



**TABLE 21 - FAN ASSEMBLY COMPONENTS**

| ITEM | MODELS                                               | VOLTAGE CODE   | FANS <sup>1</sup> | DESCRIPTION                    | PART NUMBER   | QUANTITY | FIGURE |
|------|------------------------------------------------------|----------------|-------------------|--------------------------------|---------------|----------|--------|
| 1    | ALL                                                  | ALL            | ALL               | Coil Assembly, Water Cooling   | 026 41590 000 | 1        | 15     |
| 4    | 0153/0543 thru 0178/0588                             | 40, 50         | ALL               | Fan, Cooling, 115V 70W 330 CFM | 025 32557 000 | 2        | 15     |
| 4    | 0153/0543 thru 0198/0688<br>0213/0743 thru 0218/0788 | 46             | ALL               | Fan, Cooling, 115V 70W 330 CFM | 025 32557 000 | 2        | 15     |
| 4    | 0153/0543 thru 0275/0965<br>0153/0543 thru 0278/0988 | 17             | HA/HS             | Fan, Cooling, 115V 70W 330 CFM | 025 40105 000 | 2        | 15     |
|      |                                                      | 17             | LS/UQ             | Fan, Cooling, 115V 70W 330 CFM |               |          |        |
| 4    | 0153/0543 thru 0278/0988                             | 28, 58         | ALL               | Fan, Cooling, 115V 70W 330 CFM | 025 40105 000 | 2        | 15     |
| 4    | 0183/0643 thru 0198/0688<br>0213/0743 thru 0218/0788 | 40             | ALL               | Fan, Cooling, 115V 70W 330 CFM | 025 40105 000 | 2        | 15     |
|      |                                                      | 50             | ALL               | Fan, Cooling, 115V 70W 330 CFM | 025 40105 000 | 3        | 15     |
| 4    | 0200/0700<br>0233/0843 thru 0278/0988                | 40             | ALL               | Fan, Cooling, 115V 70W 330 CFM | 025 32557 000 | 2        | 15     |
|      |                                                      | 50             | ALL               | Fan, Cooling, 115V 70W 330 CFM | 025 32557 000 | 3        | 15     |
|      |                                                      | 46             | ALL               | Fan, Cooling, 115V 70W 330 CFM | 025 40105 000 | 2        | 15     |
| 4    | 0303/1093 thru 0345/1215                             | 40, 46, 50, 58 | ALL               | Fan, Cooling, 115V 70W 330 CFM | 025 32557 000 | 3        | 15     |
| 11   | ALL                                                  | ALL            | ALL               | Grommet, 5/8" OD, Tubing       | 028 04873 000 | 2        | 15     |



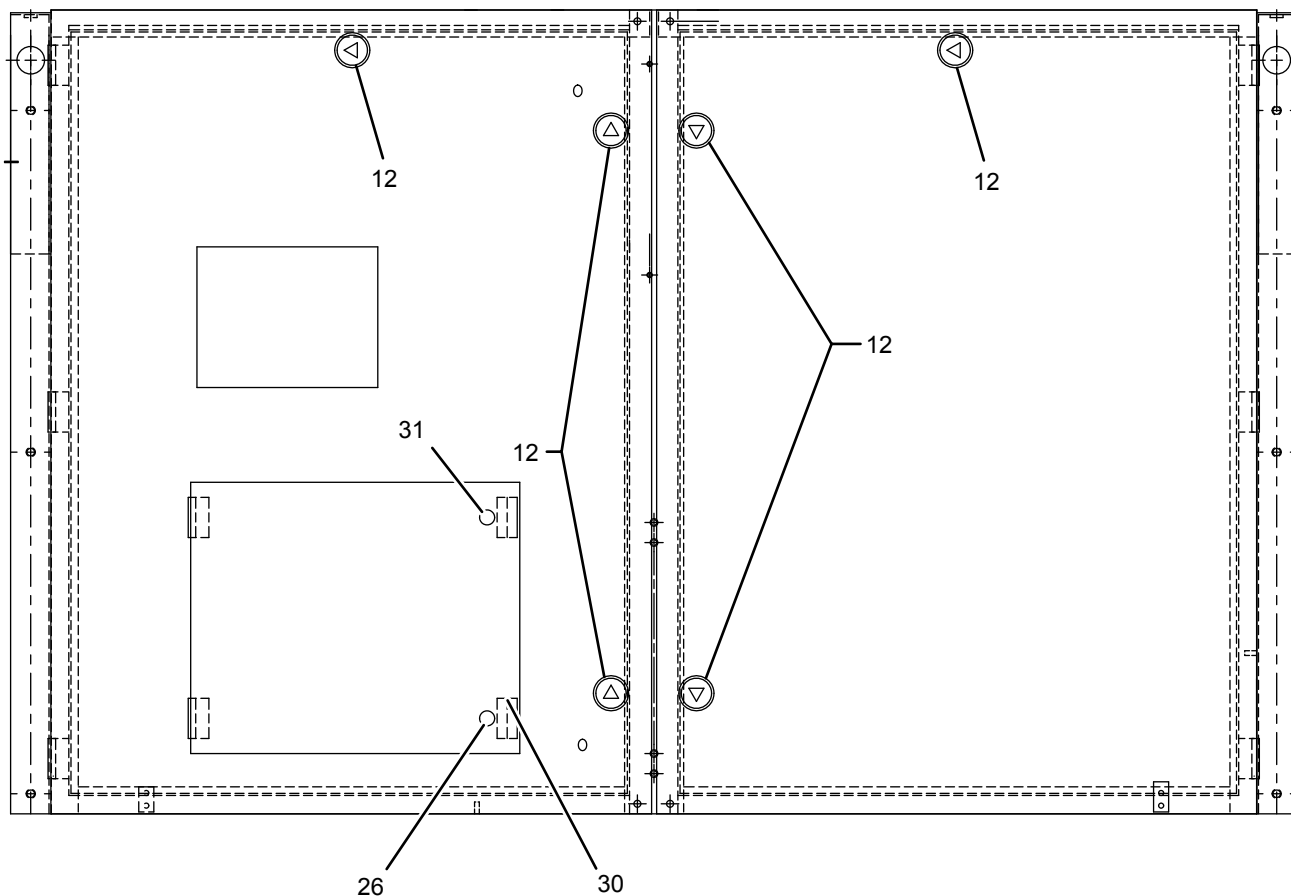
**FIGURE 15 - FAN ASSEMBLY COMPONENTS**

LD15915

**TABLE 22 - CONTROL PANEL ENCLOSURE COMPONENTS**

| ITEM | MODELS                   | VOLTAGE CODE   | FANS | DESCRIPTION                      | PART NUMBER   | QUANTITY | FIGURE |
|------|--------------------------|----------------|------|----------------------------------|---------------|----------|--------|
| 12   | 0303/1093 thru 0345/1215 | 40, 46, 50, 58 | ALL  | Latch, Triangular Twist Assembly | 029 23455 000 | 6        | 16     |
| 26   | 0303/1093 thru 0345/1215 | 40, 46, 50, 58 | ALL  | Latch, Small Keyed Wing Knob     | 029 25103 000 | 1        | 16     |
| 30   | 0303/1093 thru 0345/1215 | 40, 46, 50, 58 | ALL  | Latch, Door                      | 071 04178 319 | 2        | 16     |
| 31   | 0303/1093 thru 0345/1215 | 40, 46, 50, 58 | ALL  | Latch, Small Wing Knob           | 021 18956 070 | 1        | 16     |
| 32   | 0303/1093 thru 0345/1215 | 40, 46, 50, 58 | ALL  | Key, Small Wing Knob Latch       | 029 25104 000 | 1        | *      |
| 33   | 0303/1093 thru 0345/1215 | 40, 46, 50, 58 | ALL  | Key-Twist Latch                  | 029 23454 000 | 1        | *      |

**NOTE:** Items with an \* are not represented.



LD15196

**FIGURE 16 - CONTROL PANEL ENCLOSURE COMPONENTS**

## SECTION 7 - BASE RAIL AND FRAME COMPONENTS

**TABLE 23 - BASE RAIL COMPONENTS**

| ITEM | MODELS                   | DESCRIPTION | PART NUMBER   | QUANTITY | FIGURE |
|------|--------------------------|-------------|---------------|----------|--------|
| 1    | 0153/0543                | Rail, Base  | 075 94058 000 | 2        | 17     |
|      | 0165/0565                | Rail, Base  | 075 79507 000 | 2        |        |
|      | 0178/0588                | Rail, Base  | 075 89911 000 | 2        |        |
|      | 0183/0643 thru 0198/0688 | Rail, Base  | 075 79507 000 | 2        |        |
|      | 0200/0700                | Rail, Base  | 075 93292 000 | 2        |        |
|      | 0213/0743                | Rail, Base  | 075 79507 000 | 2        |        |
|      | 0215/0765 thru 0218/0788 | Rail, Base  | 075 89911 000 | 2        |        |
|      | 0233/0843 thru 0245/0865 | Rail, Base  | 075 79507 000 | 2        |        |
|      | 0248/0888                | Rail, Base  | 075 89911 000 | 2        |        |
|      | 0263/0943                | Rail, Base  | 075 79507 000 | 2        |        |
|      | 0273/0963 thru 0345/1215 | Rail, Base  | 075 89911 000 | 2        |        |
| 2    | 0153/0543                | Rail, Base  | 075 94059 000 | 2        | 17     |
|      | 0165/0565                | Rail, Base  | 075 79508 000 | 2        |        |
|      | 0178/0588                | Rail, Base  | 075 93318 000 | 2        |        |
|      | 0183/0643                | Rail, Base  | 075 93316 000 | 2        |        |
|      | 0195/0665 thru 0198/0688 | Rail, Base  | 075 79508 001 | 2        |        |
|      | 0200/0700                | Rail, Base  | 075 93293 000 | 2        |        |
|      | 0213/0743                | Rail, Base  | 075 79508 001 | 2        |        |
|      | 0215/0765                | Rail, Base  | 075 93318 000 | 2        |        |
|      | 0218/0788                | Rail, Base  | 075 94695 000 | 2        |        |
|      | 0233/0843                | Rail, Base  | 075 79508 000 | 2        |        |
|      | 0245/0865                | Rail, Base  | 075 94090 000 | 2        |        |
|      | 0248/0888                | Rail, Base  | 075 93330 000 | 2        |        |
|      | 0263/0943                | Rail, Base  | 075 79508 000 | 2        |        |
|      | 0273/0963 thru 0278/0988 | Rail, Base  | 075 89912 000 | 2        |        |
|      | 0303/1093                | Rail, Base  | 092 03477 000 | 2        |        |
|      | 0308/1088                | Rail, Base  | 092 03502 000 | 2        |        |
|      | 0323/1143                | Rail, Base  | 075 89912 000 | 2        |        |
|      | 0333/1173                | Rail, Base  | 092 03527 000 | 2        |        |
|      | 0343/1193 thru 0345/1215 | Rail, Base  | 075 89912 000 | 2        |        |
| 3    | 0153/0543                | Rail, Base  | 075 94060 000 | 2        | 17     |
|      | 0165/0565                | Rail, Base  | 075 79509 000 | 2        |        |
|      | 0178/0588                | Rail, Base  | 075 93319 000 | 2        |        |
|      | 0183/0643                | Rail, Base  | 075 93315 000 | 2        |        |
|      | 0195/0665                | Rail, Base  | 075 93736 001 | 2        |        |
|      | 0198/0688                | Rail, Base  | 075 94105 000 | 2        |        |
|      | 0200/0700                | Rail, Base  | 075 93294 000 | 2        |        |
|      | 0213/0743                | Rail, Base  | 075 93736 001 | 2        |        |
|      | 0215/0765                | Rail, Base  | 075 93319 000 | 2        |        |
|      | 0218/0788                | Rail, Base  | 075 94669 000 | 2        |        |
|      | 0233/0843                | Rail, Base  | 075 93736 000 | 2        |        |
|      | 0245/0865                | Rail, Base  | 075 94091 000 | 2        |        |
|      | 0248/0888                | Rail, Base  | 075 93331 000 | 2        |        |

**TABLE 23 - BASE RAIL COMPONENTS (CONT'D)**

| ITEM     | MODELS                   | DESCRIPTION | PART NUMBER   | QUANTITY | FIGURE |
|----------|--------------------------|-------------|---------------|----------|--------|
| <b>3</b> | 0263/0943                | Rail, Base  | 075 93238 000 | 2        | 17     |
|          | 0273/0963 thru 0275/0965 | Rail, Base  | 075 89190 000 | 2        |        |
|          | 0278/0988                | Rail, Base  | 075 89913 000 | 2        |        |
|          | 0303/1093                | Rail, Base  | 092 03486 000 | 2        |        |
|          | 0308/1088                | Rail, Base  | 092 03012 000 | 2        |        |
|          | 0323/1143                | Rail, Base  | 075 89913 000 | 2        |        |
|          | 0333/1173                | Rail, Base  | 092 03528 000 | 2        |        |
|          | 0343/1193                | Rail, Base  | 092 03012 000 | 2        |        |
|          | 0345/1215                | Rail, Base  | 075 89913 000 | 2        |        |
| <b>5</b> | 0153/0543 thru 0278/0988 | Rail, Base  | 075 79511 000 | 2        | 17     |
|          | 0303/1093 thru 0308/1088 | Rail, Base  | 092 03039 000 | 2        |        |
|          | 0323/1143 thru 0345/1215 | Rail, Base  | 075 93259 000 | 2        |        |
| <b>6</b> | 0153/0543                | Rail, Base  | 075 93297 000 | 2        | 17     |
|          | 0165/0565 thru 0178/0588 | Rail, Base  | 075 79520 000 | 4        |        |
|          | 0183/0643                | Rail, Base  | 075 79520 000 | 3        |        |
|          | 0195/0665                | Rail, Base  | 075 79520 000 | 4        |        |
|          | 0198/0688                | Rail, Base  | 075 79520 000 | 5        |        |
|          | 0200/0700                | Rail, Base  | 075 93297 000 | 4        |        |
|          | 0213/0743                | Rail, Base  | 075 79520 000 | 4        |        |
|          | 0215/0765 thru 0245/0865 | Rail, Base  | 075 79520 000 | 5        |        |
|          | 0248/0888                | Rail, Base  | 075 79520 000 | 3        |        |
|          | 0263/0943 thru 0278/0988 | Rail, Base  | 075 79520 000 | 5        |        |
|          | 0303/1093                | Rail, Base  | 075 79520 000 | 3        |        |
|          | 0308/1088 thru 0343/1193 | Rail, Base  | 075 79520 000 | 5        |        |
|          | 0345/1215                | Rail, Base  | 075 79520 000 | 6        |        |
| <b>7</b> | 0153/0543                | Rail, Base  | 075 94062 000 | 4        | 17     |
|          | 0165/0565                | Rail, Base  | 075 79521 000 | 4        |        |
|          | 0178/0588                | Rail, Base  | 075 93258 000 | 6        |        |
|          | 0183/0643 thru 0198/0688 | Rail, Base  | 075 79521 000 | 4        |        |
|          | 0200/0700                | Rail, Base  | 075 94081 000 | 2        |        |
|          | 0213/0743                | Rail, Base  | 075 79521 000 | 4        |        |
|          | 0215/0765 thru 0218/0788 | Rail, Base  | 075 93258 000 | 8        |        |
|          | 0233/0843 thru 0245/0865 | Rail, Base  | 075 79521 000 | 4        |        |
|          | 0248/0888                | Rail, Base  | 075 93258 000 | 4        |        |
|          | 0263/0943                | Rail, Base  | 075 79521 000 | 4        |        |
|          | 0273/0963 thru 0278/0988 | Rail, Base  | 075 93258 000 | 4        |        |
|          | 0303/1093 thru 0308/1088 | Rail, Base  | 075 93258 000 | 6        |        |
|          | 0323/1143                | Rail, Base  | 092 02996 000 | 4        |        |
|          | 0333/1173 thru 0343/1193 | Rail, Base  | 075 93258 000 | 4        |        |
|          | 0345/1215                | Rail, Base  | 075 93272 000 | 8        |        |
| <b>8</b> | 0153/0543                | Rail, Base  | 075 93262 000 | 3        | 17     |
|          | 0165/0565                | Rail, Base  | 075 93262 000 | 2        |        |
|          | 0178/0588                | Rail, Base  | 075 93262 000 | 1        |        |
|          | 0183/0643 thru 0195/0665 | Rail, Base  | 075 93262 000 | 1        |        |

**TABLE 23 - BASE RAIL COMPONENTS (CONT'D)**

| ITEM | MODELS                   | DESCRIPTION              | PART NUMBER   | QUANTITY | FIGURE |
|------|--------------------------|--------------------------|---------------|----------|--------|
| 8    | 0198/0688                | Rail, Base               | 075 93262 000 | 2        | 17     |
|      | 0213/0743                | Rail, Base               | 075 93262 000 | 1        |        |
|      | 0215/0765 thru 0263/0943 | Rail, Base               | 075 93262 000 | 2        |        |
|      | 0303/1093 thru 0308/1088 | Rail, Base               | 075 93263 000 | 1        |        |
|      | 0323/1143 thru 0345/1215 | Rail, Base               | 075 93263 000 | 2        |        |
| 9    | 0153/0543 thru 0165/0565 | Plate, Lifting           | 075 65620 000 | 40       | 17     |
|      | 0178/0588                | Plate, Lifting           | 075 65620 000 | 50       |        |
|      | 0183/0643                | Plate, Lifting           | 075 65620 000 | 40       |        |
|      | 0195/0665                | Plate, Lifting           | 075 65620 000 | 50       |        |
|      | 0198/0688 thru 0200/0700 | Plate, Lifting           | 075 65620 000 | 40       |        |
|      | 0213/0743 thru 0233/0843 | Plate, Lifting           | 075 65620 000 | 50       |        |
|      | 0245/0865 thru 0263/0943 | Plate, Lifting           | 075 65620 000 | 40       |        |
|      | 0273/0963 thru 0278/0988 | Plate, Lifting           | 075 65620 000 | 48       |        |
|      | 0303/1093                | Plate, Lifting           | 075 65620 000 | 40       |        |
|      | 0308/1088                | Plate, Lifting           | 075 65620 000 | 56       |        |
|      | 0323/1143 thru 0333/1173 | Plate, Lifting           | 075 65620 000 | 48       |        |
|      | 0343/1193 thru 0345/1215 | Plate, Lifting           | 075 65620 000 | 56       |        |
| 10   | 0153/0543 thru 0195/0665 | Channel, Side Connection | 075 65622 001 | 4        | 17     |
|      | 0198/0688                | Channel, Side Connection | 075 65622 001 | 6        |        |
|      | 0200/0700 thru 0215/0765 | Channel, Side Connection | 075 65622 001 | 4        |        |
|      | 0218/0788                | Channel, Side Connection | 075 65622 001 | 6        |        |
|      | 0233/0843                | Channel, Side Connection | 075 65622 001 | 4        |        |
|      | 0245/0865 thru 0343/1193 | Channel, Side Connection | 075 65622 001 | 6        |        |
|      | 0345/1215                | Channel, Side Connection | 075 65622 001 | 8        |        |
| 11   | 0153/0543                | Rail, Base               | 075 93299 000 | 1        | 17     |
|      | 0165/0565 thru 0198/0688 | Rail, Base               | 075 79554 000 | 2        |        |
|      | 0200/0700                | Rail, Base               | 075 93299 000 | 1        |        |
|      | 0213/0743 thru 0345/1215 | Rail, Base               | 075 79554 000 | 2        |        |
| 12   | 0153/0543                | Bracket, Cooler          | 075 55617 000 | 3        | 17     |
|      | 0165/0565                | Bracket, Cooler          | 075 55617 000 | 2        |        |
|      | 0178/0588 thru 0345/1215 | Bracket, Cooler          | 075 55617 000 | 3        |        |
| 13   | 0323/1143 thru 0345/1215 | Support, Compressor      | 075 89933 000 | 4        | 17     |
| 14   | 0153/0543                | Bracket, Filter Drier    | 075 89942 000 | 2        | 17     |
|      | 0165/0565                | Bracket, Filter Drier    | 075 79582 000 | 2        |        |
|      | 0178/0588 thru 0183/0643 | Bracket, Filter Drier    | 075 89942 000 | 2        |        |
|      | 0195/0665                | Bracket, Filter Drier    | 075 89942 000 | 1        |        |
|      | 0198/0688 thru 0200/0700 | Bracket, Filter Drier    | 075 89942 000 | 2        |        |
|      | 0213/0743                | Bracket, Filter Drier    | 075 89942 000 | 2        |        |
|      | 0215/0765 thru 0263/0943 | Bracket, Filter Drier    | 075 89942 000 | 2        |        |
|      | 0303/1093 thru 0345/1215 | Bracket, Filter Drier    | 075 89942 000 | 2        |        |
| 15   | ALL                      | Bracket, Eductor         | 075 79579 000 | 2        | 17     |
| 16   | 0198/0688                | Rail, Base               | 075 79509 000 | 2        | 17     |
|      | 0218/0788 thru 0245/0865 | Rail, Base               | 075 89191 000 | 2        | 17     |
|      | 0248/0888                | Rail, Base               | 075 89878 000 | 2        | 17     |
|      | 0263/0943                | Rail, Base               | 075 79509 000 | 2        | 17     |

**TABLE 23 - BASE RAIL COMPONENTS (CONT'D)**

| ITEM      | MODELS                   | DESCRIPTION                | PART NUMBER   | QUANTITY | FIGURE |
|-----------|--------------------------|----------------------------|---------------|----------|--------|
| <b>16</b> | 0273/0963 thru 0275/0965 | Rail, Base                 | 075 89191 000 | 2        | 17     |
|           | 0278/0988 thru 0303/1093 | Rail, Base                 | 075 89878 000 | 2        |        |
|           | 0308/1088                | Rail, Base                 | 092 03013 000 | 2        |        |
|           | 0323/1143                | Rail, Base                 | 075 89878 000 | 2        |        |
|           | 0333/1173 thru 0343/1193 | Rail, Base                 | 092 03013 000 | 2        |        |
|           | 0345/1215                | Rail, Base                 | 075 89878 000 | 2        |        |
| <b>17</b> | 0323/1143 thru 0345/1215 | Support, Cooler Base       | 075 89932 000 | 1        | 17     |
| <b>18</b> | 0198/0688                | Channel, Side, Outer, R.H. | 075 93239 000 | 1        | 17     |
|           | 0218/0788                | Channel, Side, Outer, R.H. | 075 89916 000 | 1        |        |
|           | 0245/0865                | Channel, Side, Outer, R.H. | 075 93239 000 | 1        |        |
|           | 0248/0888                | Channel, Side, Outer, R.H. | 075 89916 000 | 1        |        |
|           | 0263/0943                | Channel, Side, Outer, R.H. | 075 93239 000 | 1        |        |
|           | 0273/0963 thru 0345/1215 | Channel, Side, Outer, R.H. | 075 89916 000 | 1        |        |
| <b>19</b> | 0198/0688                | Channel, Side, Outer, R.H. | 075 93240 000 | 1        | 17     |
|           | 0218/0788                | Channel, Side, Outer, R.H. | 075 94692 000 | 1        |        |
|           | 0245/0865                | Channel, Side, Outer, R.H. | 075 94092 000 | 1        |        |
|           | 0248/0888                | Channel, Side, Outer, R.H. | 075 93332 000 | 1        |        |
|           | 0263/0943                | Channel, Side, Outer, R.H. | 075 93240 000 | 1        |        |
|           | 0273/0963 thru 0278/0988 | Channel, Side, Outer, R.H. | 075 89917 000 | 1        |        |
|           | 0303/1093                | Channel, Side, Outer, R.H. | 092 03478 000 | 1        |        |
|           | 0308/1088 thru 0323/1143 | Channel, Side, Outer, R.H. | 075 89917 000 | 1        |        |
|           | 0333/1173                | Channel, Side, Outer, R.H. | 092 03529 000 | 1        |        |
|           | 0343/1193 thru 0345/1215 | Channel, Side, Outer, R.H. | 075 89917 000 | 1        |        |
| <b>20</b> | 0198/0688                | Channel, Side, Outer, R.H. | 075 93241 000 | 1        | 17     |
|           | 0218/0788                | Channel, Side, Outer, R.H. | 075 94693 000 | 1        |        |
|           | 0245/0865                | Channel, Side, Outer, R.H. | 075 94093 000 | 1        |        |
|           | 0248/0888                | Channel, Side, Outer, R.H. | 075 93333 000 | 1        |        |
|           | 0263/0943                | Channel, Side, Outer, R.H. | 075 93241 000 | 1        |        |
|           | 0273/0963 thru 0275/0965 | Channel, Side, Outer, R.H. | 075 89918 004 | 1        |        |
|           | 0278/0988                | Channel, Side, Outer, R.H. | 075 94074 000 | 1        |        |
|           | 0303/1093                | Channel, Side, Outer, R.H. | 092 03479 000 | 1        |        |
|           | 0308/1088                | Channel, Side, Outer, R.H. | 092 03503 000 | 1        |        |
|           | 0323/1143                | Channel, Side, Outer, R.H. | 075 94074 000 | 1        |        |
|           | 0333/1173                | Channel, Side, Outer, R.H. | 092 03530 000 | 1        |        |
|           | 0343/1193                | Channel, Side, Outer, R.H. | 075 94074 000 | 1        |        |
|           | 0345/1215                | Channel, Side, Outer, R.H. | 075 89918 000 | 1        |        |
|           |                          |                            |               |          |        |
| <b>21</b> | 0198/0688                | Channel, Side, Outer, R.H. | 075 94106 000 | 1        | 17     |
|           | 0218/0788 thru 0245/0865 | Channel, Side, Outer, R.H. | 075 94694 000 | 1        |        |
|           | 0248/0888                | Channel, Side, Outer, R.H. | 075 93334 000 | 1        |        |
|           | 0263/0943                | Channel, Side, Outer, R.H. | 075 93242 000 | 1        |        |
|           | 0273/0963 thru 0275/0965 | Channel, Side, Outer, R.H. | 075 89192 000 | 1        |        |
|           | 0278/0988                | Channel, Side, Outer, R.H. | 075 89919 000 | 1        |        |
|           | 0303/1093                | Channel, Side, Outer, R.H. | 092 03487 000 | 1        |        |
|           | 0308/1088                | Channel, Side, Outer, R.H. | 092 03472 000 | 1        |        |

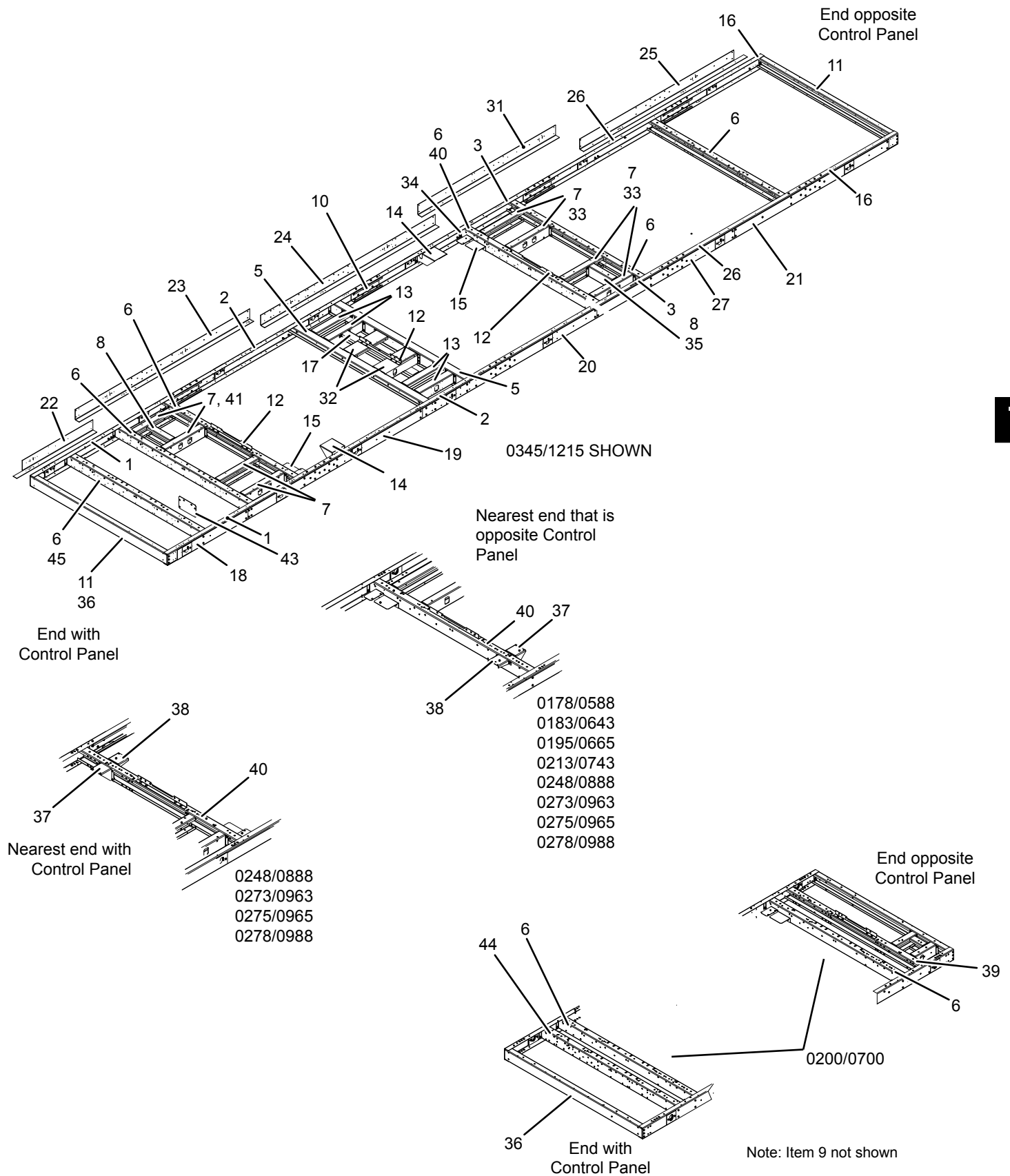
**TABLE 23 - BASE RAIL COMPONENTS (CONT'D)**

| ITEM | MODELS                   | DESCRIPTION                | PART NUMBER   | QUANTITY | FIGURE |
|------|--------------------------|----------------------------|---------------|----------|--------|
| 21   | 0323/1143                | Channel, Side, Outer, R.H. | 075 89919 000 | 1        | 17     |
|      | 0333/1173 thru 0343/1193 | Channel, Side, Outer, R.H. | 092 03472 000 | 1        |        |
|      | 0345/1215                | Channel, Side, Outer, R.H. | 075 89919 000 | 1        |        |
| 22   | 0198/0688                | Channel, Side, Outer, L.H. | 075 93239 001 | 1        | 17     |
|      | 0218/0788                | Channel, Side, Outer, L.H. | 075 89916 001 | 1        |        |
|      | 0245/0865                | Channel, Side, Outer, L.H. | 075 93239 001 | 1        |        |
|      | 0248/0888                | Channel, Side, Outer, L.H. | 075 89916 001 | 1        |        |
|      | 0263/0943                | Channel, Side, Outer, L.H. | 075 93239 001 | 1        |        |
| 22   | 0273/0963 thru 0345/1215 | Channel, Side, Outer, L.H. | 075 89916 001 | 1        | 17     |
| 23   | 0198/0688                | Channel, Side, Outer, L.H. | 075 93240 001 | 1        | 17     |
|      | 0218/0788                | Channel, Side, Outer, L.H. | 075 94692 001 | 1        |        |
|      | 0245/0865                | Channel, Side, Outer, L.H. | 075 94092 001 | 1        |        |
|      | 0248/0888                | Channel, Side, Outer, L.H. | 075 93332 001 | 1        |        |
|      | 0263/0943                | Channel, Side, Outer, L.H. | 075 93240 001 | 1        |        |
|      | 0273/0963 thru 0278/0988 | Channel, Side, Outer, L.H. | 075 89917 001 | 1        |        |
|      | 0303/1093                | Channel, Side, Outer, L.H. | 092 03478 001 | 1        |        |
|      | 0308/1088 thru 0323/1143 | Channel, Side, Outer, L.H. | 075 89917 001 | 1        |        |
|      | 0333/1173                | Channel, Side, Outer, L.H. | 092 03529 001 | 1        |        |
|      | 0343/1193 thru 0345/1215 | Channel, Side, Outer, L.H. | 075 89917 001 | 1        |        |
| 24   | 0198/0688                | Channel, Side, Outer, L.H. | 075 93241 001 | 1        | 17     |
|      | 0218/0788                | Channel, Side, Outer, L.H. | 075 94693 001 | 1        |        |
|      | 0245/0865                | Channel, Side, Outer, L.H. | 075 94093 001 | 1        |        |
|      | 0248/0888                | Channel, Side, Outer, L.H. | 075 93333 001 | 1        |        |
|      | 0263/0943                | Channel, Side, Outer, L.H. | 075 93241 001 | 1        |        |
|      | 0273/0963 thru 0275/0965 | Channel, Side, Outer, L.H. | 075 89918 005 | 1        |        |
|      | 0278/0988                | Channel, Side, Outer, L.H. | 075 94074 001 | 1        |        |
|      | 0303/1093                | Channel, Side, Outer, L.H. | 092 03479 001 | 1        |        |
|      | 0308/1088                | Channel, Side, Outer, L.H. | 092 03503 001 | 1        |        |
|      | 0323/1143                | Channel, Side, Outer, L.H. | 075 94074 001 | 1        |        |
|      | 0333/1173                | Channel, Side, Outer, L.H. | 092 03530 001 | 1        |        |
|      | 0343/1193                | Channel, Side, Outer, L.H. | 075 94074 001 | 1        |        |
|      | 0345/1215                | Channel, Side, Outer, L.H. | 075 89918 001 | 1        |        |
| 25   | 0198/0688                | Channel, Side, Outer, L.H. | 075 94106 001 | 1        | 17     |
|      | 0218/0788 thru 0245/0865 | Channel, Side, Outer, L.H. | 075 94694 001 | 1        |        |
|      | 0248/0888                | Channel, Side, Outer, L.H. | 075 93334 001 | 1        |        |
|      | 0263/0943                | Channel, Side, Outer, L.H. | 075 93242 001 | 1        |        |
|      | 0273/0963 thru 0275/0965 | Channel, Side, Outer, L.H. | 075 89192 001 | 1        |        |
| 25   | 0278/0988                | Channel, Side, Outer, L.H. | 075 89919 001 | 1        | 17     |
|      | 0303/1093                | Channel, Side, Outer, L.H. | 092 03487 001 | 1        |        |
|      | 0308/1088                | Channel, Side, Outer, L.H. | 092 03472 001 | 1        |        |
|      | 0323/1143                | Channel, Side, Outer, L.H. | 075 89919 001 | 1        |        |
|      | 0333/1173 thru 0343/1193 | Channel, Side, Outer, L.H. | 092 03472 001 | 1        |        |
|      | 0345/1215                | Channel, Side, Outer, L.H. | 075 89919 001 | 1        |        |
| 26   | 0345/1215                | Rail, Base                 | 075 89928 000 | 2        | 17     |

**TABLE 23 - BASE RAIL COMPONENTS (CONT'D)**

| ITEM | MODELS                    | DESCRIPTION                       | PART NUMBER   | QUANTITY | FIGURE |
|------|---------------------------|-----------------------------------|---------------|----------|--------|
| 27   | 0308/1088                 | Channel, Side, Outer, R.H.        | 092 03473 000 | 1        | 17     |
|      | 0333/1173                 | Channel, Side, Outer, R.H.        | 092 03531 000 | 1        |        |
|      | 0343/1193                 | Channel, Side, Outer, R.H.        | 092 03473 000 | 1        |        |
|      | 0345/1215                 | Channel, Side, Outer, R.H.        | 075 89929 000 | 1        |        |
| 31   | 0308/1088                 | Channel, Side, Outer, L.H.        | 092 03473 001 | 1        | 17     |
|      | 0333/1173                 | Channel, Side, Outer, L.H.        | 092 03531 001 | 1        |        |
|      | 0343/1193                 | Channel, Side, Outer, L.H.        | 092 03473 001 | 1        |        |
|      | 0345/1215                 | Channel, Side, Outer, L.H.        | 075 89929 001 | 1        |        |
| 32   | 0153/0543 thru 0278/0988  | Rail, Base                        | 075 89909 000 | 2        | 17     |
|      | 0303/1093 thru 0308/1088  | Rail, Base                        | 092 03040 000 | 2        |        |
| 33   | 0153/0543                 | Rail, Base                        | 075 94061 000 | 4        | 17     |
|      | 0165/0565                 | Rail, Base                        | 075 79553 000 | 4        |        |
|      | 0183/0643                 | Rail, Base                        | 075 94040 000 | 2        |        |
|      | 0195/0665                 | Rail, Base                        | 075 79553 000 | 2        |        |
|      | 0198/0688                 | Rail, Base                        | 075 93258 000 | 4        |        |
|      | 0200/0700                 | Rail, Base                        | 075 94082 000 | 2        |        |
|      | 0213/0743                 | Rail, Base                        | 075 79553 000 | 2        |        |
|      | 0233/0843                 | Rail, Base                        | 075 79553 000 | 4        |        |
|      | 0245/0865                 | Rail, Base                        | 075 93258 000 | 4        |        |
|      | 0263/0943                 | Rail, Base                        | 075 79553 000 | 4        |        |
|      | 0323/1143                 | Rail, Base                        | 075 93258 000 | 4        |        |
|      | 0343/1193                 | Rail, Base                        | 092 02996 000 | 4        |        |
| 34   | 0200/0700                 | Plate, Spacer                     | 092 03272 000 | 1        | 17     |
| 35   | 0200/0700                 | Rail, Base                        | 075 94083 000 | 1        | 17     |
|      | 0303/1093 thru 0308/1088  | Rail, Base                        | 075 93262 000 | 1        |        |
| 36   | 0153/0543                 | Rail, Base                        | 075 79554 000 | 1        | 17     |
|      | 0200/0700                 | Rail, Base                        | 075 79554 000 | 1        |        |
| 37   | 0178/0588 thru 0183/0643  | Bracket, Mounting, Oil Separator  | 075 93298 000 | 1        | 17     |
|      | 0195/0665                 | Bracket, Mounting, Oil Separator  | 092 03225 000 | 1        |        |
|      | 0213/0743                 | Bracket, Mounting, Oil Separator  | 092 03225 000 | 1        |        |
|      | 0248/0888                 | Bracket, Mounting, Oil Separator  | 092 03225 000 | 2        |        |
|      | 0273/0963 thru 0275/0965  | Bracket, Mounting, Oil Separator  | 092 03225 000 | 2        |        |
|      | 0303/1093 thru 0308/1088  | Rail, Base                        | 092 02996 000 | 2        |        |
|      | 0333/1173                 | Rail, Base                        | 092 02996 000 | 4        |        |
| 38   | 0178/0588 thru 0183/0643  | Bracket, Mounting, Oil Separator  | 075 93298 000 | 1        | 17     |
|      | 0195/0665                 | Bracket, Mounting, Oil Separator  | 075 89915 000 | 2        |        |
|      | 0213/0743                 | Bracket, Mounting, Oil Separator  | 075 89915 000 | 1        |        |
|      | 0248/08883 thru 0278/0988 | Bracket, Mounting, Oil Separator  | 075 89915 000 | 2        |        |
| 39   | 0200/0700                 | Rail, Base                        | 075 94072 000 | 1        | 17     |
| 40   | 0178/0588 thru 0195/0665  | Rail, Base                        | 075 93297 000 | 1        | 17     |
|      | 0213/0743                 | Rail, Base                        | 075 93297 000 | 1        |        |
|      | 0273/0963 thru 0303/1093  | Rail, Base                        | 075 89908 000 | 2        |        |
| 42   | 0165/0565                 | Bracket, Support Pump (Not Shown) | 075 65646 000 | 1        | 17     |
| 43   | 0273/0963 thru 0275/0965  | Bracket, Glycol Pump              | 092 06146 000 | 1        | 17     |
| 44   | 0200/0700                 | Rail, Base                        | 075 79520 000 | 1        | 17     |
| 45   | 0153/0543                 | Rail, Base                        | 075 79520 000 | 1        | 17     |





**FIGURE 17 - BASE RAIL COMPONENTS**

LD15197

**TABLE 24 - FRAME COMPONENTS, ALL MODELS**

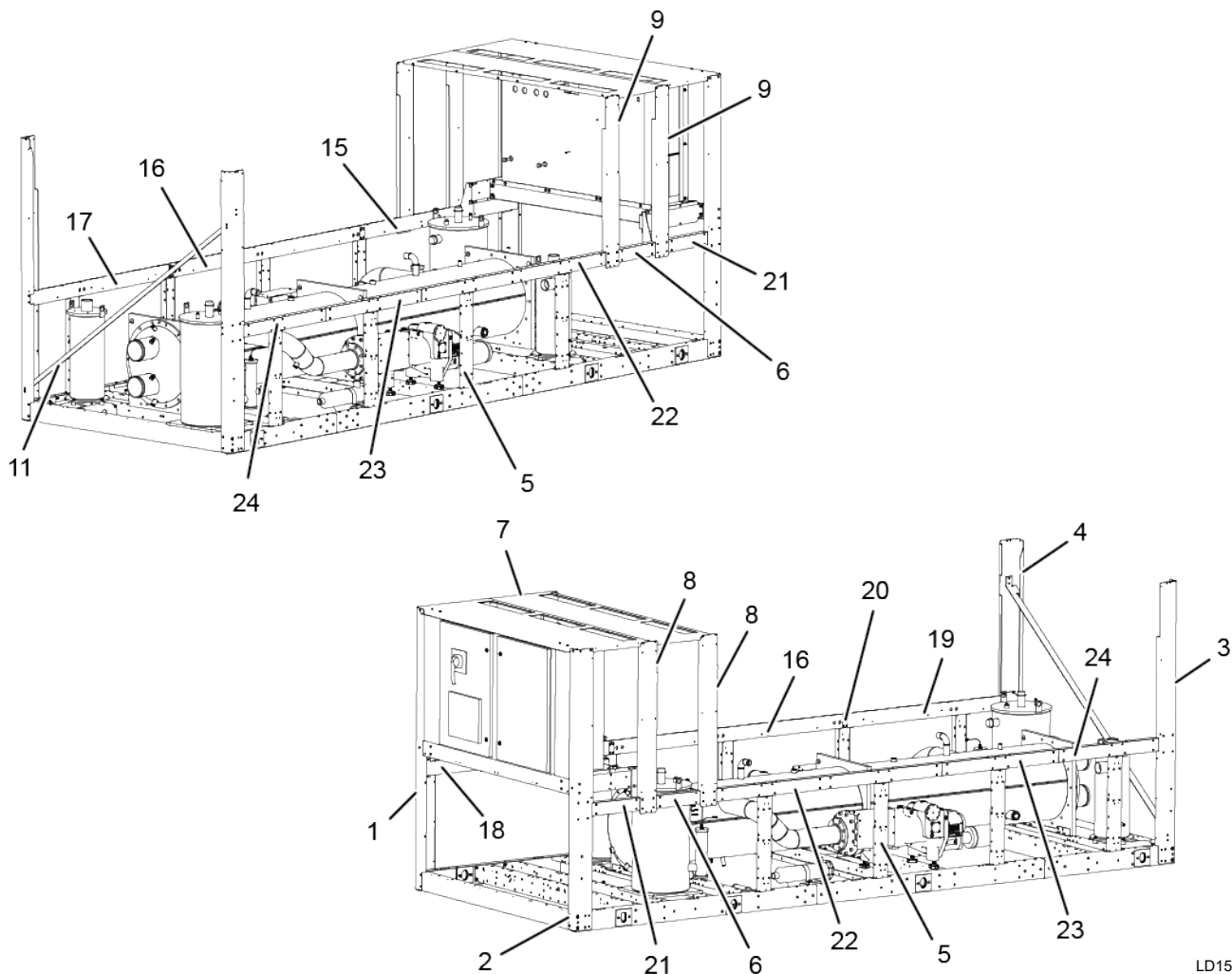
| ITEM | MODEL                                                             | DESCRIPTION                   | PART NUMBER   | QUANTITY | FIGURE  |
|------|-------------------------------------------------------------------|-------------------------------|---------------|----------|---------|
| 1    | ALL                                                               | Leg, Support, Front Left      | 075 79555 000 | 1        | 18 - 19 |
| 2    | ALL                                                               | Leg, Support, Front Right     | 075 79556 000 | 1        | 18 - 19 |
| 3    | ALL                                                               | Leg, Support, Rear Right Hand | 075 79557 000 | 1        | 18 - 19 |
| 4    | ALL                                                               | Leg, Support, Rear Left Hand  | 075 79558 000 | 1        | 18 - 19 |
| 5    | 0153/0543<br>0200/0700                                            | Leg, Support                  | 075 79540 000 | 8        | 18 - 19 |
|      | 0165/0565<br>0183/0643                                            | Leg, Support                  | 075 79540 000 | 10       |         |
|      | 0178/0588<br>0195/0665<br>0213/0743<br>0215/0765<br>0233/0843     | Leg, Support                  | 075 79540 000 | 12       |         |
|      | 0198/0688<br>0218/0788<br>0245/0865<br>0263/0943 thru 0275/0965   | Leg, Support                  | 075 79540 000 | 14       |         |
|      | 0248/0888<br>0278/0988 thru 0303/1093<br>0323/1143                | Leg, Support                  | 075 79540 000 | 16       |         |
|      | 0308/1088<br>0333/1173 thru 0343/1193                             | Leg, Support                  | 075 79540 000 | 18       |         |
|      | 0345/1215                                                         | Leg, Support                  | 075 79540 000 | 20       |         |
| 6    | 0200/0700                                                         | Panel Cover, Wiring Tray      | 075 93308 000 | 2        | 18      |
| 7    | 0200/0700                                                         | Panel, Top Cover              | 075 93303 000 | 1        | 18      |
| 8    | ALL except 0200/0700                                              | Channel, Support, Side        | 075 79566 000 | 1        | 18 - 19 |
|      | 0200/0700                                                         | Channel, Support, Side        | 075 79566 000 | 2        |         |
| 9    | ALL except 0200/0700                                              | Channel, Support, Side        | 075 79565 000 | 1        | 18 - 19 |
|      | 0200/0700                                                         | Channel, Support, Side        | 075 79565 000 | 2        |         |
| 10   | 0308/1088<br>0333/1173 thru 0345/1215                             | Channel, Side, Coil Support   | 075 93306 000 | 2        | 18 - 19 |
| 11   | ALL                                                               | Brace, Rear                   | 075 93309 000 | 1        | 18 - 19 |
| 15   | ALL except 0200/0700                                              | Channel, Side, Coil Support   | 075 79533 000 | 1        | 18 - 19 |
|      | 0200/0700                                                         | Channel, Side, Coil Support   | 075 93304 000 | 1        |         |
| 16   | 0165/0565, 0183/0643                                              | Channel, Side, Coil Support   | 075 79539 000 | 2        | 18 - 19 |
|      | 0178/0588<br>0195/0665 thru 0198/0688<br>0213/0743 thru 0343/1193 | Channel, Side, Coil Support   | 075 79539 000 | 4        |         |
|      | 0200/0700                                                         | Channel, Side, Coil Support   | 075 94073 000 | 2        |         |
|      |                                                                   |                               |               |          |         |
| 17   | 0153/0543                                                         | Channel Side Coil Support     | 092 03247 000 | 1        | 18 - 19 |
|      | 0165/0565<br>0183/0643                                            | Channel, Side, Coil Support   | 075 79541 000 | 1        |         |
|      | 0178/0588<br>0195/0665 thru 0245/0865<br>0263/0943 thru 0275/0965 | Channel, Side, Coil Support   | 075 93244 000 | 1        |         |
|      | 0248/0888<br>0278/0988 thru 0345/1215                             | Channel, Side, Coil Support   | 075 89876 000 | 1        |         |

**TABLE 24 - FRAME COMPONENTS, ALL MODELS (CONT'D)**

| ITEM | MODEL                                                                                         | DESCRIPTION                 | PART NUMBER   | QUANTITY | FIGURE  |
|------|-----------------------------------------------------------------------------------------------|-----------------------------|---------------|----------|---------|
| 18   | ALL except 0200/0700                                                                          | Channel, Side, Coil Support | 075 79572 000 | 1        | 18 - 19 |
|      | 0200/0700                                                                                     | Channel, Side, Coil Support | 075 93305 000 | 1        |         |
| 19   | 0153/0543                                                                                     | Channel, Side, Coil Support | 092 03248 000 | 1        | 18 - 19 |
|      | 0165/0565<br>0183/0643                                                                        | Channel, Side, Coil Support | 075 79573 000 | 1        |         |
|      | 0198/0688<br>0200/0700<br>0218/0788<br>0245/0865<br>0263/0943 thru 0275/0965                  | Channel, Side, Coil Support | 075 93245 000 | 1        |         |
|      | 0178/0588<br>0195/0665<br>0213/0743 thru 0215/0765<br>0233/0843                               | Channel, Side, Coil Support | 075 93739 000 | 1        |         |
|      | 0248/0888<br>0278/0988 thru 0345/1215                                                         | Channel, Side, Coil Support | 075 89877 000 | 1        |         |
|      |                                                                                               |                             |               |          |         |
| 20   | 0153/0543                                                                                     | Plate, Splice               | 075 79574 000 | 2        | 18 - 19 |
|      | 0165/0565<br>0183/0643,0200/0700                                                              | Plate, Splice               | 075 79574 000 | 4        |         |
|      | 0178/0588<br>0195/0665 thru 0198/0688<br>0213/0743 thru 0303/1093<br>0323/1143                | Plate, Splice               | 075 79574 000 | 6        |         |
|      | 0308/1088<br>0333/1173 thru 0345/1215                                                         | Plate, Splice               | 075 79574 000 | 8        |         |
| 21   | ALL                                                                                           | Panel Cover, Wiring Tray    | 075 79567 000 | 2        | 18 - 19 |
| 22   | ALL                                                                                           | Panel Cover, Wiring Tray    | 075 79568 000 | 2        | 18 - 19 |
| 23   | 0153/0543 thru 0195/0665<br>0200/0700 thru 0215/0765<br>0233/0843                             | Panel Cover, Wiring Tray    | 075 93307 000 | 2        | 18 - 19 |
|      | 0198/0688<br>0218/0788<br>0245/0865 thru 0343/1193                                            | Panel Cover, Wiring Tray    | 075 79569 000 | 4        |         |
|      | 0345/1215                                                                                     | Panel Cover, Wiring Tray    | 075 79569 000 | 6        |         |
| 24   | ALL                                                                                           | Panel Cover, Wiring Tray    | 075 79570 000 | 2        | 18 - 19 |
| 25   | 0178/0588<br>0195/0665 thru 0198/0688<br>0213/0743 thru 0245/0865<br>0263/0943 thru 0275/0965 | Bracket, Support            | 075 65645 000 | 4        | 19      |
|      | 0248/0888<br>0278/0988 thru 0303/1093<br>0323/1143                                            | Bracket, Support            | 075 65645 000 | 10       |         |
|      | 0308/1088<br>0333/1173 thru 0345/1215                                                         | Bracket, Support            | 075 65645 000 | 8        |         |
| 26   | 0333/1173 thru 0343/1193                                                                      | Channel, Side Coil Support  | 075 93306 000 | 2        | 19      |

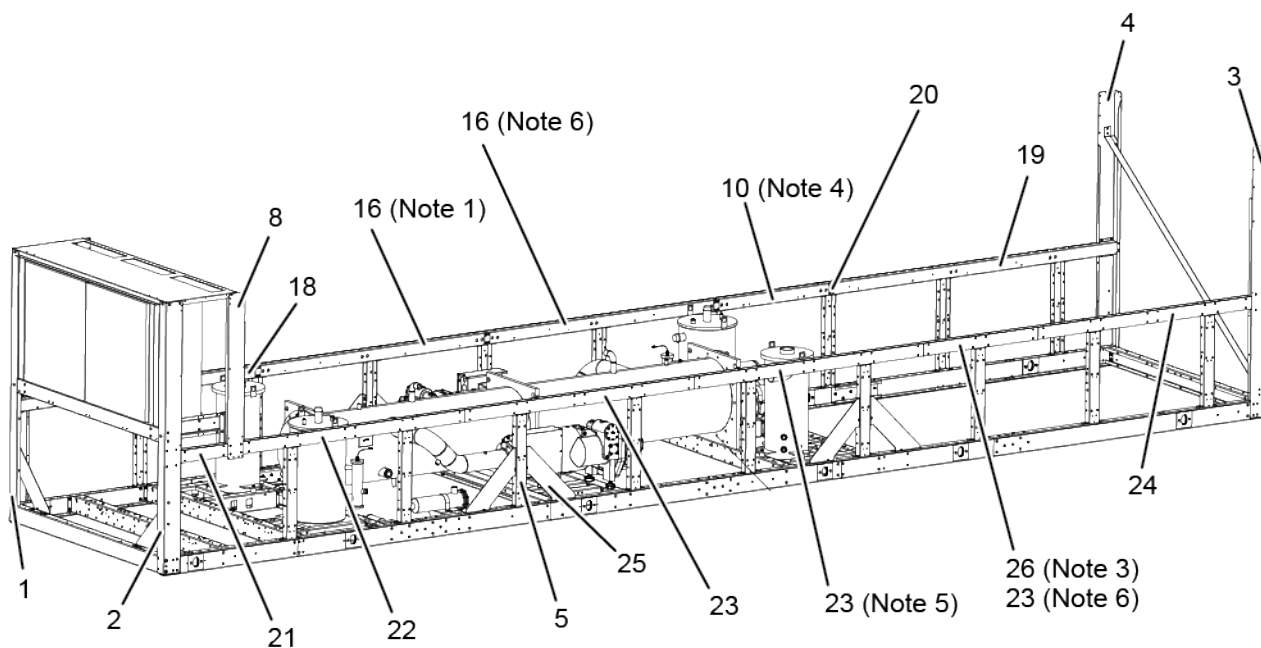
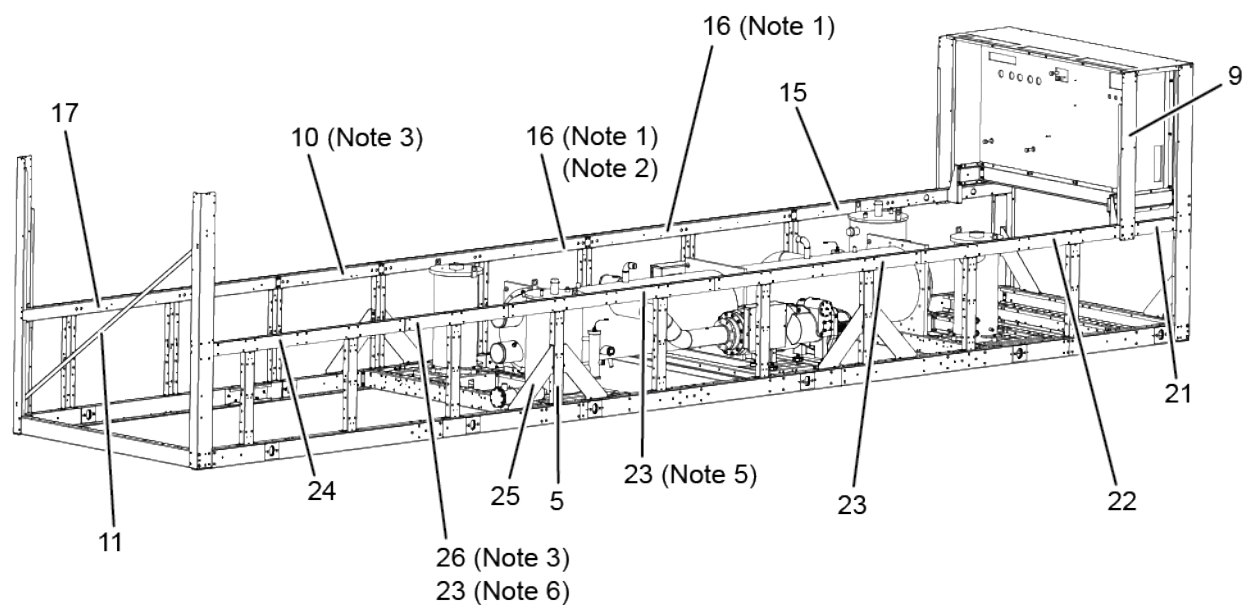
**TABLE 24 - FRAME COMPONENTS, ALL MODELS (CONT'D)**

| ITEM | MODEL                                                             | DESCRIPTION               | PART NUMBER   | QUANTITY | FIGURE |
|------|-------------------------------------------------------------------|---------------------------|---------------|----------|--------|
| 48   | 0200/0700                                                         | Screw, Thread (not shown) | 021 19309 000 | 80       | *      |
|      | 0153/0543 thru 0165/0565<br>0183/0643                             |                           |               | 88       |        |
|      | 0178/0588,0195/0665<br>0213/0743 thru 0215/0765<br>0233/0843      |                           |               | 104      |        |
|      | 0198/0688<br>0218/0788<br>0245/0865<br>0263/0943 thru 0275/0965   |                           |               | 120      |        |
|      | 0248/0888<br>0278/0988 thru 0323/1143<br>0333/1173 thru 0343/1193 |                           |               | 136      |        |
|      | 0345/1215                                                         |                           |               | 152      |        |
|      |                                                                   |                           |               | 168      |        |

**NOTE:** Items with an \* are not represented.

LD15920

**FIGURE 18 - FRAME COMPONENTS - MODEL 0200/0700**



0333/1173 shown

LD15921

Notes:

1. Not used on 0153/0543.
2. The 2nd item 16 is not used on 0165/0565 , 0183/0643 and 0200/0700.
3. Used on models 0333/1173 thru 0343/1193 only.
4. Used on models 0198/0688, 0218/0788 and 0245/0865 only.
5. The 2nd Item 23 is used on 0198/0688, 0218/0788, 0245/0865 thru 0343/1193 and 0345/1215 only.
6. The 3rd Item 23 is used on 0345/1215 only.

**FIGURE 19 - FRAME COMPONENTS - ALL MODELS EXCEPT 0200/0700**

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## SECTION 8 - OIL SEPARATOR AND FLASH TANK

**TABLE 25 - OIL SEPARATOR/ FLASH TANK (PED) \***

| ITEM | MODELS                                                                                                       | DESCRIPTION                | PART NUMBER   | QUANTITY | FIGURE |
|------|--------------------------------------------------------------------------------------------------------------|----------------------------|---------------|----------|--------|
| 401  | 0153/0543 thru 0165/0565<br>0183/0643                                                                        | Flash Tank, 14" O.D., PED  | 375 79551 990 | 2        | 20     |
|      | 0195/0665 thru 0198/0688<br>0213/0743<br>0233/0843<br>0263/0943                                              |                            |               |          |        |
|      | 0178/0588<br>0200/0700                                                                                       |                            |               |          |        |
|      | 0215/0765 thru 0218/0788<br>0245/0865 thru 0248/0888<br>0273/0963 thru 0278/0988<br>0303/1093 thru 0345/1215 |                            |               |          |        |
|      |                                                                                                              |                            |               |          |        |
| 401  | 0178/0588<br>0200/0700                                                                                       | Flash Tank, 18" O.D., PED  | 375 89884 990 | 2        | 20     |
| 402  | 0153/0543 thru 0178/0588                                                                                     | Oil Separator, 8" O.D. PED | 375 93290 990 | 2        | 20     |
| 402  | 0183/0643                                                                                                    | Oil Separator, 10"O.D. PED | 375 79591 990 | 1        |        |
| 402  | 0195/0665 thru 0278/0988                                                                                     | Oil Separator, 10"O.D. PED | 375 79591 990 | 2        |        |
| 402  | 0303/1093 thru 0308/1088                                                                                     | Oil Separator, 14"O.D. PED | 375 89951 990 | 1        |        |
| 402  | 0323/1143 thru 0345/1215                                                                                     | Oil Separator, 14"O.D. PED | 375 89951 990 | 2        |        |
| 403  | 0183/0643                                                                                                    | Oil Separator, 8" O.D. PED | 375 93290 990 | 1        |        |
| 403  | 0303/1093 thru 0308/1088                                                                                     | Oil Separator, 10"O.D. PED | 375 79591 990 | 1        |        |

**TABLE 26 - OIL SEPARATOR/ FLASH TANK / (ASME)**

| ITEM | MODELS                                                                           | DESCRIPTION           | PART NUMBER   | QUANTITY | FIGURE |
|------|----------------------------------------------------------------------------------|-----------------------|---------------|----------|--------|
| 13   | 0183/0643 thru 0308/1088                                                         | Plug, Sight Glass     | 026 46487 000 | 2        | 20     |
| 14   | 0183/0643 thru 0308/1088                                                         | O-Ring, Hnbr          | 028 16331 000 | 2        | 20     |
| 401  | 0165/0565<br>0195/0665 thru 0198/0688<br>0233/0843<br>0263/0943 thru 0273/0963   | Tank, Flash, 14" O.D. | 375 79551 000 | 2        | 20     |
|      |                                                                                  |                       |               |          |        |
|      |                                                                                  |                       |               |          |        |
|      |                                                                                  |                       |               |          |        |
| 401  | 0178/0588<br>0200/0700                                                           | Tank, Flash 18" O.D.  | 375 89884 000 | 2        | 20     |
|      | 0215/0765 thru 0218/0788<br>0245/0865 thru 0248/0888<br>0275/0965 thru 0345/1215 |                       |               |          |        |
|      |                                                                                  |                       |               |          |        |
|      |                                                                                  |                       |               |          |        |
| 402  | 0183/0643                                                                        | Oil Separator         | 375 79591 000 | 1        | 20     |
| 402  | 0195/0665 thru 0278/0988                                                         | Oil Separator         | 375 79591 000 | 2        |        |
| 402  | 0303/1093 thru 0308/1088                                                         | Oil Separator         | 375 89951 000 | 1        |        |
| 402  | 0333/1173 thru 0345/1215                                                         | Oil Separator         | 375 89951 000 | 2        |        |
| 402  | 0153/0543 thru 0178/0588<br>0323/1143                                            | Oil Separator         | 375 93290 000 | 2        |        |
| 403  | 0183/0643                                                                        | Oil Separator         | 375 93290 000 | 1        | 20     |
| 403  | 0303/1093<br>0308/1088                                                           | Oil Separator         | 375 79591 000 | 1        |        |

Notes: \* European Pressure Equipment Directive

**TABLE 27 - RELIEF KIT COMPONENTS**

| ITEM      | MODEL                                                                                                      | DESCRIPTION                          | PART NUMBER   | QUANTITY | FIGURE |
|-----------|------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------|----------|--------|
| <b>1</b>  | 0153/0543 thru 0165/0565<br>0183/0643 thru 0198/0688<br>0213/0743<br>0233/0843<br>0263/0943                | Valve, Relief,<br>1/2 NPTE" X 5/8    | 022 11312 000 | 2        | 20     |
|           | 0178/0588<br>0200/0700<br>0215/0765 thru 0218/0788<br>0245/0865 thru 0248/0888<br>0273/0963 thru 0345/1215 | Valve, Relief, 1/2" NPT,<br>235 Psig | 022 12080 000 | 2        | 20     |
| <b>2</b>  | all                                                                                                        | Tube, Relief Valve, DXST             | 375 30919 000 | 2        | 20     |
| <b>3</b>  | all                                                                                                        | Valve, Relief,<br>3/8 NPTE X 1/2     | 022 12045 000 | 4        | 20     |
| <b>4</b>  | all                                                                                                        | Tube, Relief Valve, DXST             | 375 37978 000 | 4        | 20     |
| <b>5</b>  | all                                                                                                        | Pressure Switch, UL                  | 375 66947 001 | 1        | *      |
| <b>6</b>  | 0183/0643                                                                                                  | Line Relief, Oil Separator           | 092 02090 012 | 1        | 21     |
|           | 0195/0665<br>0213/0743                                                                                     | Line Relief, Oil Separator           | 092 02090 021 | 1        | 21     |
|           | 0200/0700                                                                                                  | Line Relief, Oil Separator           | 092 02090 013 | 1        | 21     |
|           | 0303/1093 thru 0308/1088                                                                                   | Line Relief, Oil Separator           | 092 02090 000 | 1        | 21     |
| <b>10</b> | 0153/0543                                                                                                  | Line Relief, Evaporator              | 092 02090 010 | 2        | 21     |
|           | 0165/0565                                                                                                  | Line Relief, Evaporator              | 092 02090 004 | 2        | 21     |
|           | 0178/0588<br>0215/0765 thru 0218/0788<br>0248/0888<br>0303/1093<br>0333/1173                               | Line Relief, Evaporator              | 092 02090 006 | 2        | 21     |
|           | 0183/0643                                                                                                  | Line Relief, Evaporator              | 092 02090 011 | 1        | 21     |
|           | 0195/0665<br>0213/0743                                                                                     | Line Relief, Evaporator              | 092 02090 002 | 1        | 21     |
|           | 0198/0688                                                                                                  | Line Relief, Evaporator              | 092 02090 030 | 1        | 21     |
|           | 0200/0700                                                                                                  | Line Relief, Evaporator              | 092 02090 016 | 1        | 21     |
|           | 0233/0843<br>0263/0943                                                                                     | Line Relief, Evaporator              | 092 02090 004 | 1        | 21     |
|           | 0245/0865                                                                                                  | Line Relief, Evaporator              | 092 02090 006 | 1        | 21     |
|           | 0273/0963                                                                                                  | Line Relief, Evaporator              | 092 02090 028 | 2        | 21     |
|           | 0275/0965 thru 0278/0988<br>0308/1088<br>0323/1143<br>0343/1193                                            | Line Relief, Evaporator              | 092 02090 007 | 2        | 21     |
|           | 0345/1215                                                                                                  | Line Relief, Evaporator              | 092 02090 025 | 2        | 21     |
|           | 0153/0543                                                                                                  | Line Relief, Oil Separator           | 092 02090 008 | 2        | 21     |
|           | 0165/0565<br>0198/0688<br>215/0765 thru 0278/0988                                                          | Line Relief, Oil Separator           | 092 02090 000 | 2        | 21     |
|           | 0178/0588                                                                                                  | Line Relief, Oil Separator           | 092 02090 012 | 2        | 21     |

**NOTE:** Items with an \* are not represented.



**TABLE 27 - RELIEF KIT COMPONENTS (CONT'D)**

| ITEM        | MODEL                                                           | DESCRIPTION                         | PART NUMBER   | QUANTITY | FIGURE |
|-------------|-----------------------------------------------------------------|-------------------------------------|---------------|----------|--------|
| <b>11</b>   | 0183/0643 thru 0195/0665<br>0200/0700 thru 0213/0743            | Line Relief, Oil Separator          | 092 02090 000 | 1        | 21     |
|             | 0303/1093 thru 0308/1088                                        | Line Relief, Oil Separator          | 092 02090 023 | 1        | 21     |
|             | 0323/1143 thru 0345/1215                                        | Line Relief, Oil Separator          | 092 02090 023 | 2        | 21     |
| <b>12</b>   | 0153/0543<br>0198/0688                                          | Line Relief, Flash Tank             | 092 02090 009 | 2        | 21     |
|             | 0165/0565                                                       | Line Relief, Flash Tank             | 092 02090 022 | 1        | 21     |
|             | 0178/0588<br>0215/0765 thru 0218/0788<br>0248/0888              | Line Relief, Flash Tank             | 092 02090 020 | 2        | 21     |
|             | 0183/0643                                                       | Line Relief, Flash Tank             | 092 02090 019 | 1        | 21     |
|             | 0195/0665<br>0213/0743                                          | Line Relief, Flash Tank             | 092 02090 001 | 1        | 21     |
|             | 0200/0700                                                       | Line Relief, Flash Tank             | 092 02090 015 | 1        | 21     |
|             | 0233/0843<br>0263/0943                                          | Line Relief, Flash Tank             | 092 02090 014 | 1        | 21     |
|             | 0245/0865                                                       | Line Relief, Flash Tank             | 092 02090 020 | 1        | 21     |
|             | 0345/1215                                                       | Line Relief, Flash Tank             | 092 02090 024 | 2        | 21     |
|             | 0165/0565                                                       | Line Relief, Flash Tank             | 092 02090 031 | 1        | 21     |
| <b>13</b>   | 0183/0643 thru 0195/0665<br>0213/0743<br>0233/0843<br>0263/0943 | Line Relief, Flash Tank             | 092 02090 009 | 1        | 21     |
|             | 0200/0700<br>0245/0865                                          | Line Relief, Flash Tank             | 092 02090 017 | 1        | 21     |
|             | 0165/0565                                                       | Line Relief, Evaporator             | 092 02090 032 | 1        | 21     |
| <b>14</b>   | 0183/0643 thru 0195/0665<br>0213/0743                           | Line Relief, Evaporator             | 092 02090 029 | 1        | 21     |
|             | 0198/0688<br>0233/0843<br>0263/0943                             | Line Relief, Evaporator             | 092 02090 027 | 1        | 21     |
|             | 0200/0700<br>0245/0865                                          | Line Relief, Evaporator             | 092 02090 018 | 1        | 21     |
|             |                                                                 |                                     |               |          |        |
| <b>25</b>   | all                                                             | Valve,<br>3/8" 3-Way Dual Shut Off  | 022 11716 000 | 4        | 21     |
| <b>26</b>   | all                                                             | Valve, Relief,<br>3/8 NPTE X 1/2    | 022 12045 000 | 8        | 21     |
| <b>27</b>   | all                                                             | Tube, Relief Valve, DXST            | 375 37978 000 | 8        | 21     |
| <b>28</b>   | all                                                             | Valve, 1/2",<br>3-Way Dual Shut Off | 022 11717 000 | 2        | 21     |
| <b>29</b>   | all                                                             | Valve, Relief,<br>1/2 NPTE X 5/8    | 022 11312 000 | 4        | 21     |
| <b>030</b>  | all                                                             | Tube, Relief Valve, DXST            | 375 30919 000 | 4        | 21     |
| <b>104*</b> | all                                                             | Pressure Switch UL                  | 375 66947 001 | 1        | 21     |
| <b>104*</b> | all                                                             | Pressure Switch, CE PED             | 375 94077 990 | 1        | 21     |

**NOTE:** Items with an \* are not represented.

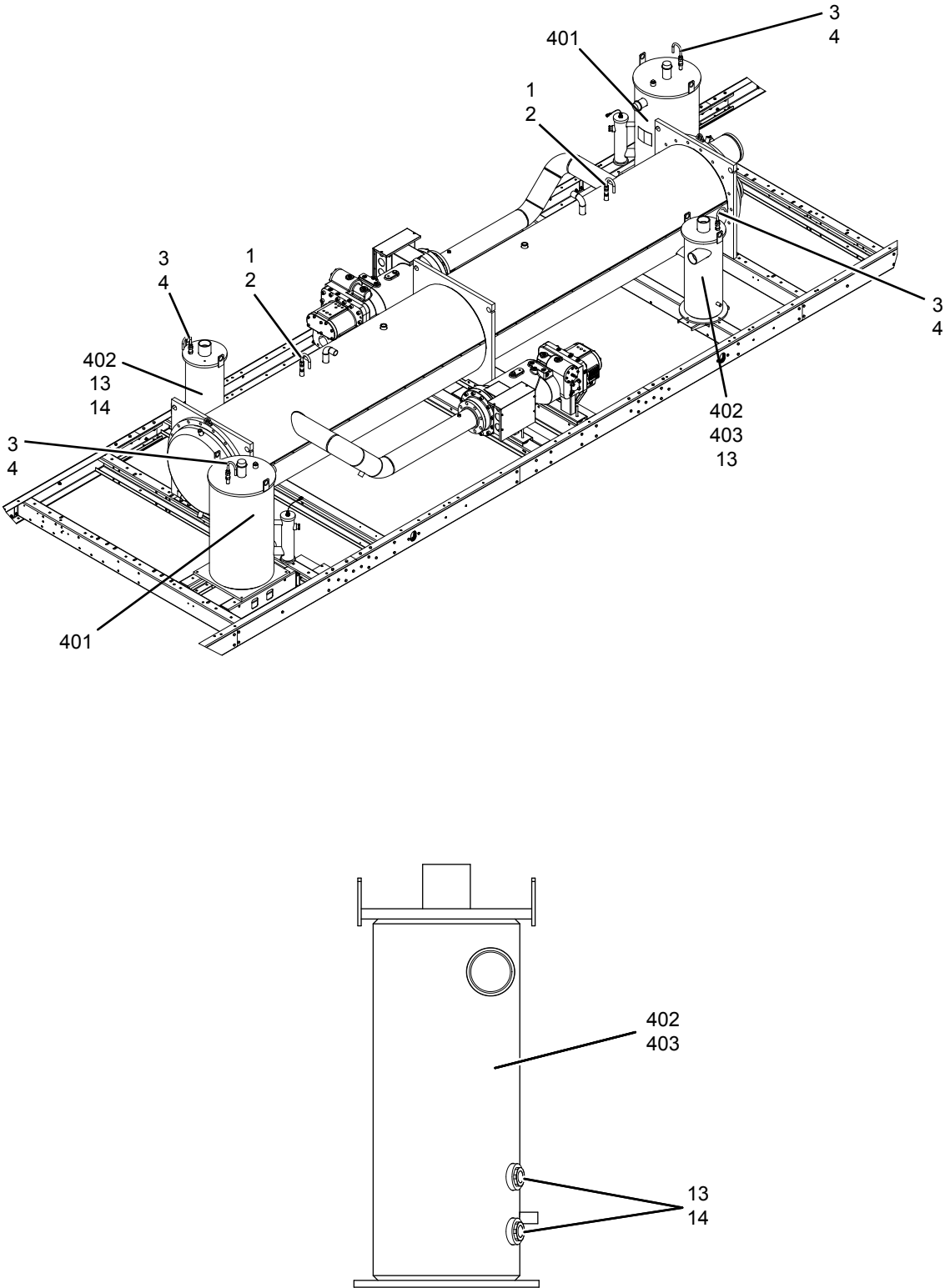
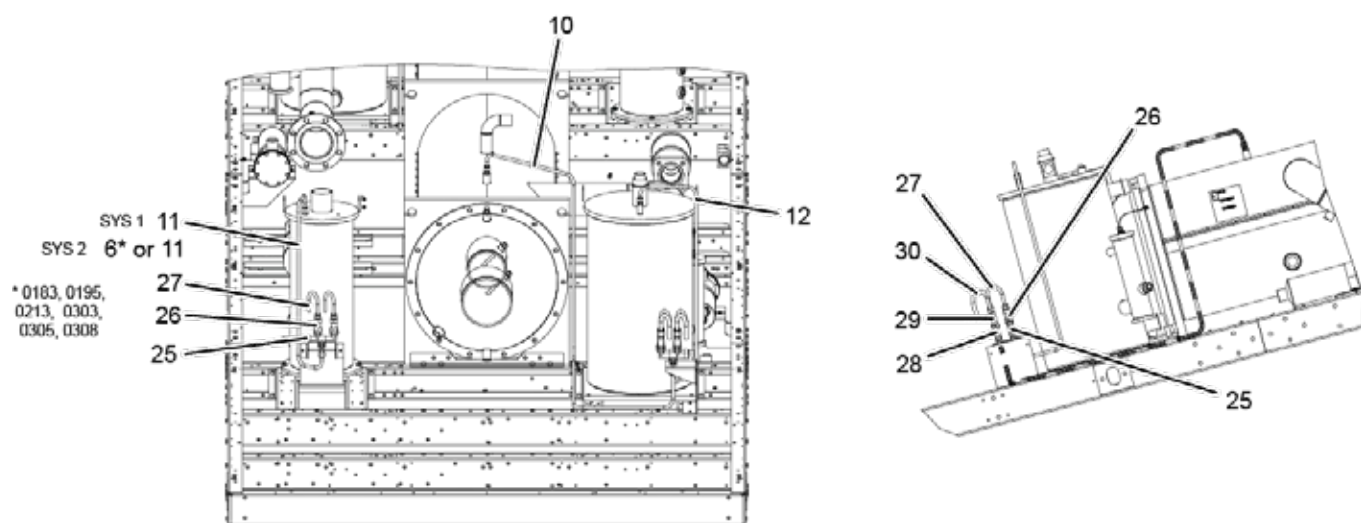
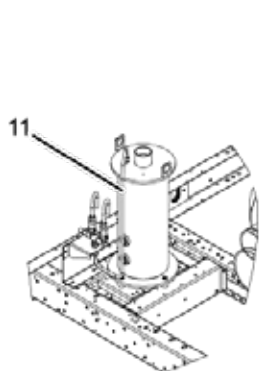


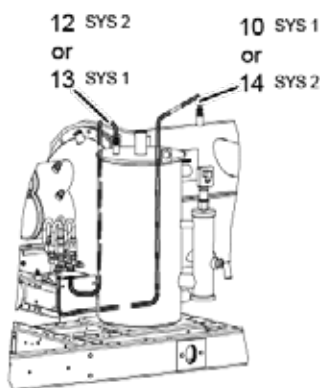
FIGURE 20 - OIL SEPARATOR/ FLASH TANK (ASME / PED)



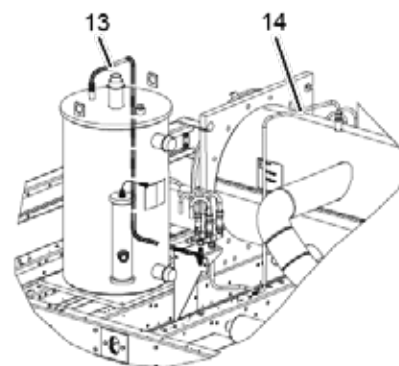
SYSTEM 1 AND 2



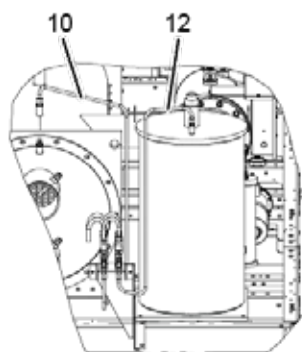
0153 oil separator arrangement for both system 1 and 2.



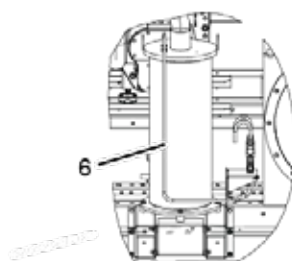
0165 evaporator and flash tank arrangement for both system 1 and 2.



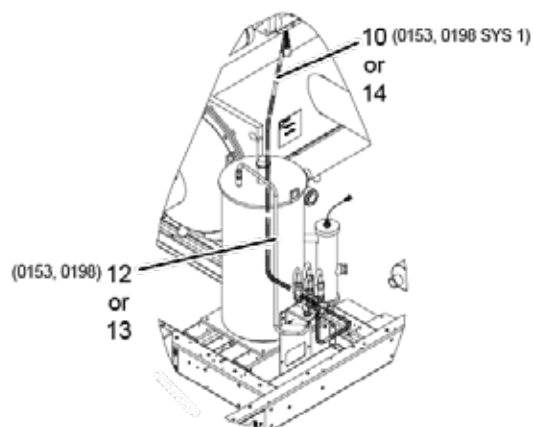
0200 and 0245 evaporator and flash tank arrangement for system 2.



0183 and 0200 evaporator and flash tank arrangement for system 1.



0200 oil separator arrangement for system 2.



0153 and 0198 evaporator and flash tank arrangement for both system 1 and 2.  
0183, 0213, 0233, 0263 system 2.

FIGURE 21 - RELIEF KIT COMPONENTS

LD15928

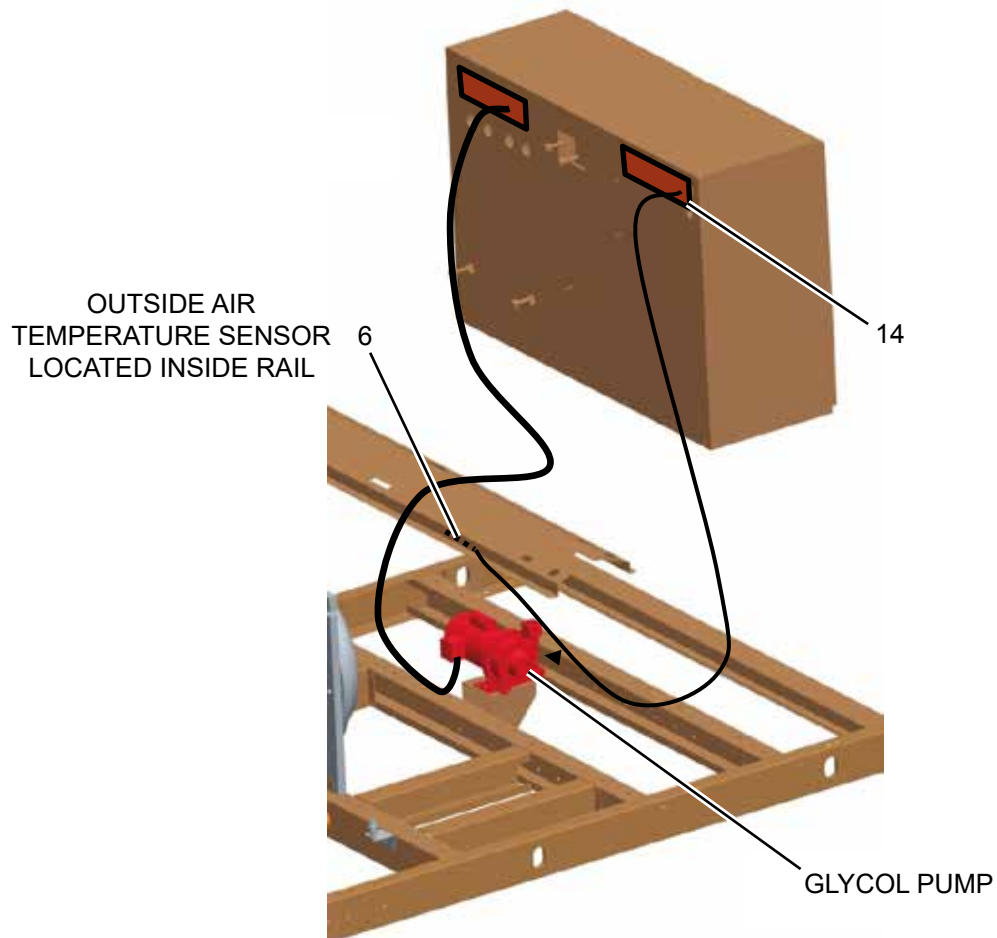
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## SECTION 9 - SENSORS

**TABLE 28 - SENSORS/SYSTEM WIRING COMPONENTS**

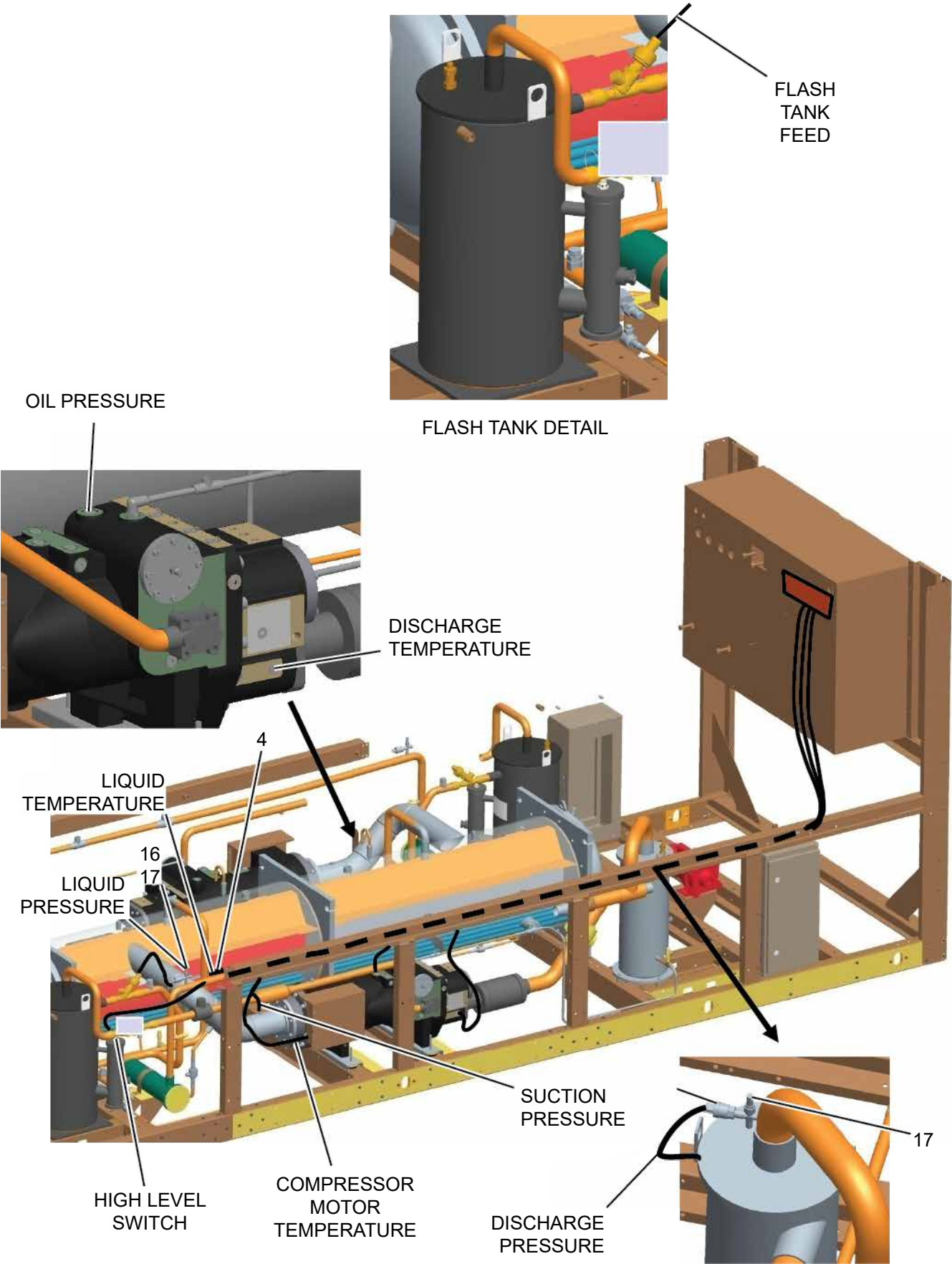
| ITEM | MODEL                  | DESCRIPTION                              | PART NUMBER   | QUANTITY | FIGURE     |
|------|------------------------|------------------------------------------|---------------|----------|------------|
| 1    | ALL                    | Sensor, Temperature, 3000 Ohms           | 025 40334 000 | 2        | 26         |
| 2    | ALL                    | Compound, Heat Conductive, 4 Oz          | 013 00898 000 | A/R      | 26         |
| 4    | ALL                    | Sensor, Temperature, 3000 Ohms           | 025 28935 000 | 4        | 23, 24, 25 |
| 6    | ALL                    | Assembly, Outside Air Temperature Sensor | 371 01180 223 | 1        | 22         |
| 14   | ALL                    | Gasket, Sensor Harness                   | 028 15272 000 | 1        | 22         |
| 16   | ALL                    | Transducer, 0-400 Psi, 5V Input          | 025 29139 001 | 4        | 23, 24, 26 |
| 17   | ALL                    | Valve, Transducer 1/4"                   | 022 09503 000 | 4        | 23, 24, 26 |
| 228  | 0248/0888<br>0303/1093 | Switch, Liquid Level                     | 025 43324 100 | 2        | *          |

**NOTE:** Items with an \* are not represented.



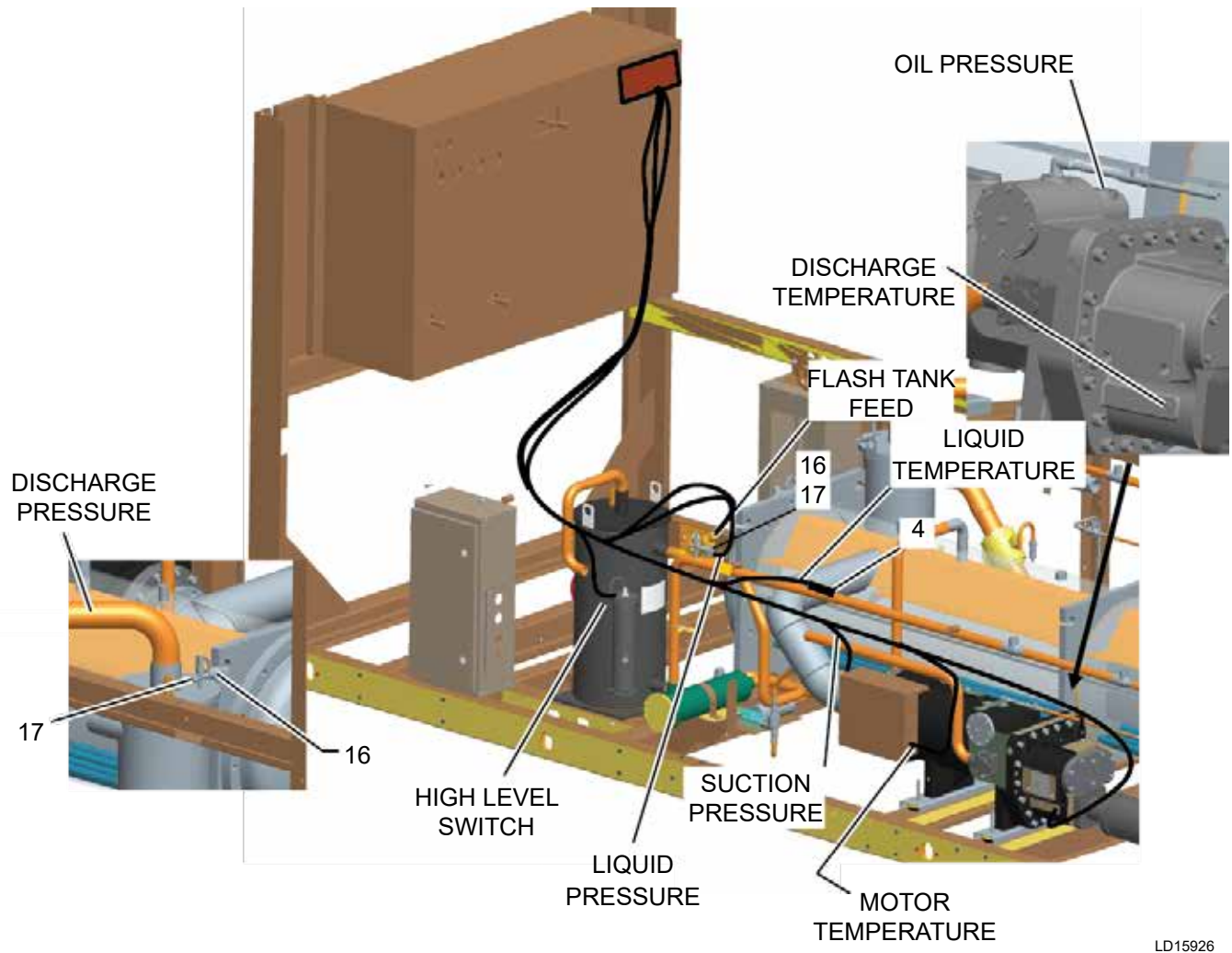
LD15924

**FIGURE 22 - SENSOR AND GASKET LOCATIONS - GLYCOL PUMP**



LD15925

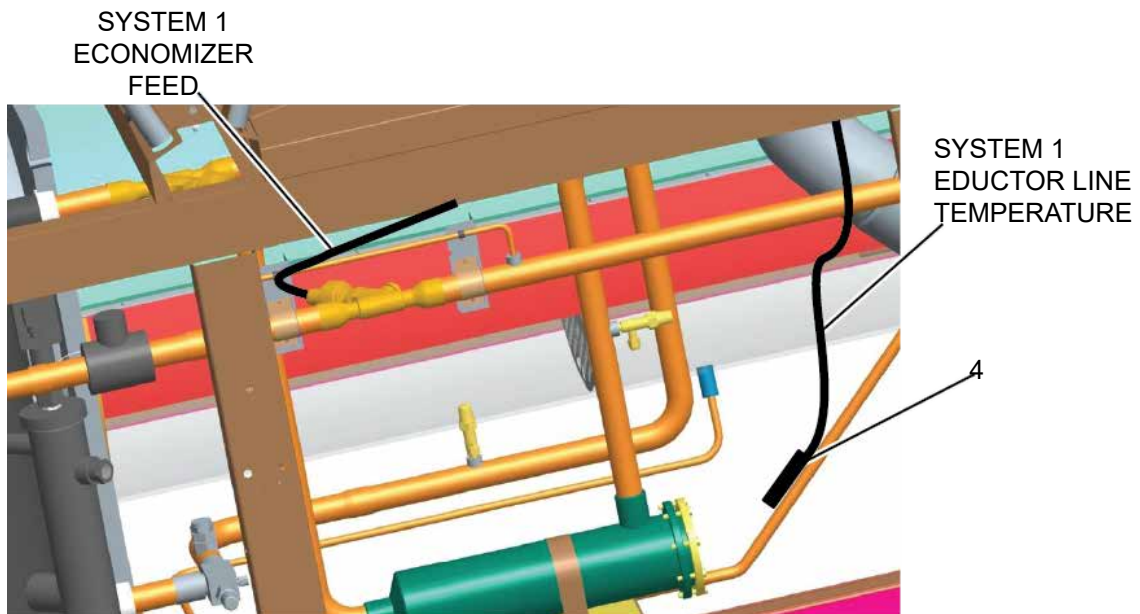
**FIGURE 23 - SENSOR, TRANSDUCER, AND VALVE LOCATIONS, SYSTEM 1**



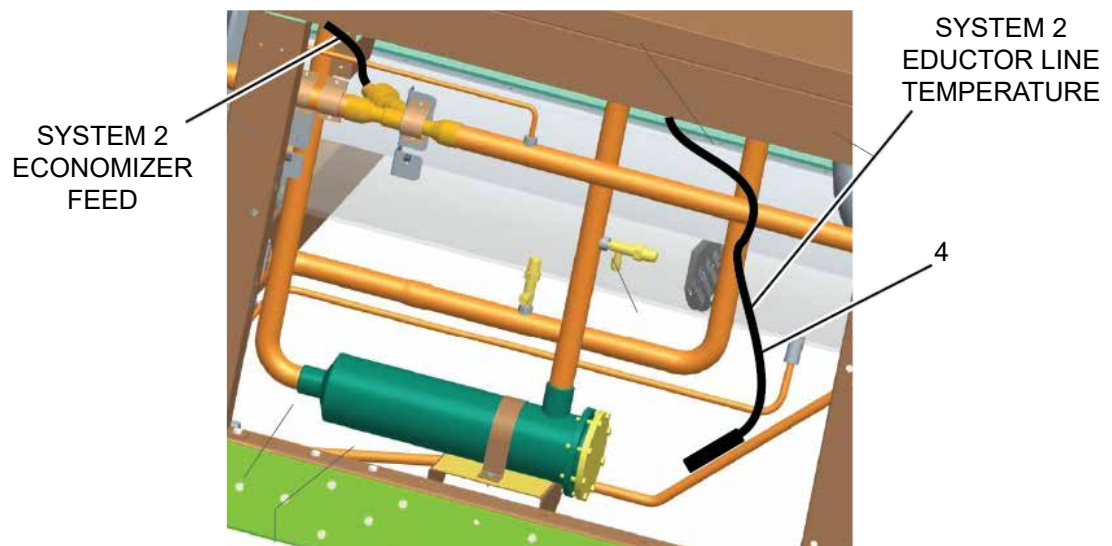
LD15926

**FIGURE 24 - SENSOR, TRANSDUCER, AND VALVE LOCATIONS, SYSTEM 2**





SYSTEM 1 ECONOMIZER FEED VALVE AND EDUCTOR LINE TEMPERATURE SENSOR

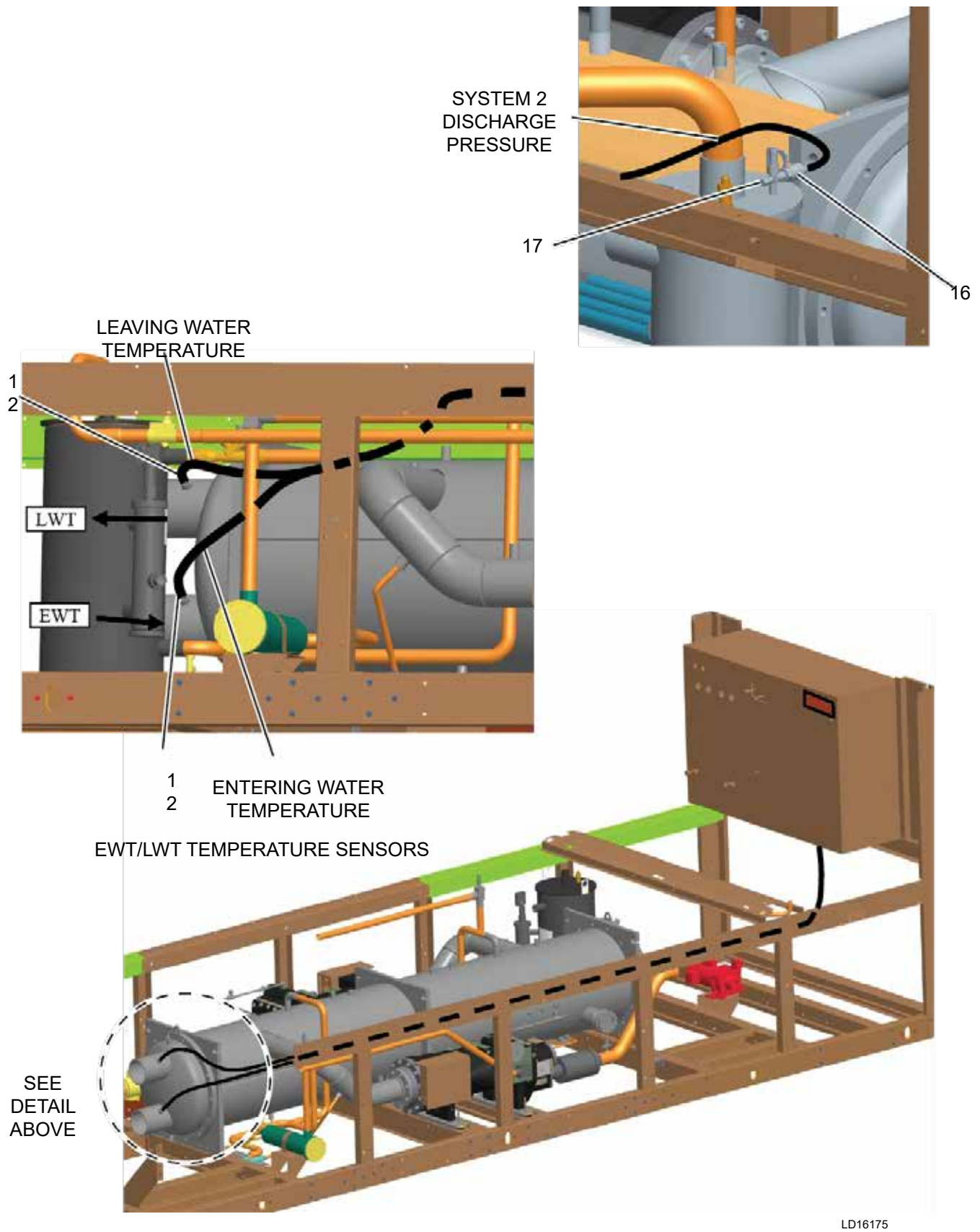


SYSTEM 2 ECONOMIZER FEED VALVE AND EDUCTOR LINE TEMPERATURE SENSOR

LD15927

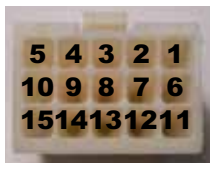
**FIGURE 25 - SENSOR LOCATIONS, ECONOMIZER FEED VALVE AND EDUCTOR, SYSTEM 1 AND 2**





**FIGURE 26 - SENSOR LOCATIONS, ENTERING/LEAVING WATER TEMPERATURE AND SYSTEM 2 DISCHARGE PRESSURE**

**TABLE 29 - SYSTEM #1 SENSOR WIRING**

| PLUG DETAIL                                                                         | PLUG AND PIN P/N                                      | PLUG "P" NO. | PLUG PIN NO. | WIRE COLOR | CABLE CODE | FUNCTION                                     | HARNESS ASSEMBLY PART NUMBERS |
|-------------------------------------------------------------------------------------|-------------------------------------------------------|--------------|--------------|------------|------------|----------------------------------------------|-------------------------------|
|    | Plug =<br>025-28383-000<br><br>Pin =<br>025-28386-000 | P26          | 1            | Green      | 4          | System #1<br>Compressor Motor<br>Temperature | 575 77880 317                 |
|                                                                                     |                                                       |              | 2            | Red        |            |                                              | 575 77880 343                 |
|                                                                                     |                                                       |              | 3            | Black      |            |                                              | 575 77880 369                 |
|                                                                                     |                                                       |              | 4            | White      |            |                                              | 575 77880 422                 |
|                                                                                     |                                                       |              | 5            | Drain      |            |                                              | 575 77880 900                 |
|                                                                                     |                                                       |              | 6            | Black      | 9          | System #1<br>High level Switch               | 575 77880 327                 |
|                                                                                     |                                                       |              | 7            | Red        |            |                                              | 575 77880 357                 |
|                                                                                     |                                                       |              | 8            | Drain      |            |                                              | 575 77880 370                 |
|                                                                                     |                                                       |              |              |            |            |                                              | 575 77880 423                 |
|                                                                                     |                                                       |              |              |            |            |                                              | 575 77880 907                 |
|    | Plug =<br>025-29185-000<br><br>Pin =<br>025-28386-000 | P27          | 1            | Black      | 6          | System #1<br>Condenser Liquid<br>Temperature | 575 77880 308                 |
|                                                                                     |                                                       |              | 2            | Red        |            |                                              | 575 77880 358                 |
|                                                                                     |                                                       |              | 3            | Drain      |            |                                              | 575 77880 371                 |
|  | Plug =<br>025-28384-000<br><br>Pin =<br>025-28386-000 | P28          | 1            | Black      | 8          | System #1<br>Discharge<br>Temperature        | 575 77880 310                 |
|                                                                                     |                                                       |              | 2            | Red        |            |                                              | 575 77880 345                 |
|                                                                                     |                                                       |              | 3            | Drain      |            |                                              | 575 77880 372                 |
|                                                                                     |                                                       |              | 5            | Green      | 22         | System #1<br>Economizer Feed                 | 575 77880 310                 |
|                                                                                     |                                                       |              | 6            | Red        |            |                                              | 575 77880 345                 |
|                                                                                     |                                                       |              | 7            | Black      |            |                                              | 575 77880 372                 |
|                                                                                     |                                                       |              | 8            | White      |            |                                              | 575 77880 425                 |
|                                                                                     |                                                       |              | 9            | Green      | 23         | System #1<br>Flash Tank<br>Feed              | 575 77880 426                 |
|                                                                                     |                                                       |              | 10           | Red        |            |                                              | 575 77880 909                 |
|                                                                                     |                                                       |              | 11           | Black      |            |                                              | 575 77880 320                 |
|                                                                                     |                                                       |              | 12           | White      |            |                                              | 575 77880 359                 |
|  | Plug =<br>025-28385-000<br><br>Pin =<br>025-28386-000 | P29          | 1            | White      | 10         | System #1<br>Suction<br>Pressure             | 575 77880 374                 |
|                                                                                     |                                                       |              | 2            | Red        |            |                                              | 575 77880 427                 |
|                                                                                     |                                                       |              | 3            | Black      |            |                                              | 575 77880 910                 |
|                                                                                     |                                                       |              | 4            | Drain      |            |                                              | 575 77880 302                 |
|                                                                                     |                                                       |              | 6            | White      | 11         | System #1<br>Oil<br>Pressure                 | 575 77880 304                 |
|                                                                                     |                                                       |              | 7            | Red        |            |                                              | 575 77880 349                 |
|                                                                                     |                                                       |              | 8            | Black      |            |                                              | 575 77880 376                 |
|                                                                                     |                                                       |              | 9            | Drain      |            |                                              | 575 77880 429                 |
|                                                                                     |                                                       |              | 11           | White      | 12         | System #1<br>Discharge<br>Pressure           | 575 77880 911                 |
|                                                                                     |                                                       |              | 12           | Red        |            |                                              | 575 77880 306                 |
|                                                                                     |                                                       |              | 13           | Black      |            |                                              | 575 77880 355                 |
|                                                                                     |                                                       |              | 14           | Drain      |            |                                              | 575 77880 377                 |
|                                                                                     |                                                       |              |              |            |            |                                              | 575 77880 430                 |
|                                                                                     |                                                       |              |              |            |            |                                              | 575 77880 700                 |
|                                                                                     |                                                       |              |              |            |            |                                              | 575 77880 912                 |
|                                                                                     |                                                       |              |              |            |            |                                              |                               |

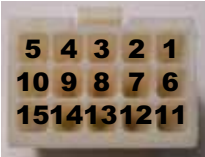
**TABLE 29 - SYSTEM #1 SENSOR WIRING (CONT'D)**

| PLUG DETAIL                                                                       | PLUG AND PIN P/N                                      | PLUG "P" NO. | PLUG PIN NO.     | WIRE COLOR                     | CABLE CODE | FUNCTION                        | HARNESS ASSEMBLY PART NUMBERS                                                     |
|-----------------------------------------------------------------------------------|-------------------------------------------------------|--------------|------------------|--------------------------------|------------|---------------------------------|-----------------------------------------------------------------------------------|
|  | Plug =<br>025-29185-000<br><br>Pin =<br>025-28386-000 | P49          | 1<br>2<br>3      | Black<br>Red<br>Drain          | 27         | System #1<br>Eductor Line       | 575 77880 363<br>575 77880 367<br>575 77880 392<br>575 77880 445<br>575 77880 923 |
|  | Plug =<br>025-28959-000<br><br>Pin =<br>025-28386-000 | P76          | 1<br>2<br>3<br>4 | White<br>Red<br>Black<br>Drain | 49         | System #1<br>Liquid<br>Pressure | 575 77880 325<br>575 77880 360<br>575 77880 390<br>575 77880 443<br>575 77880 906 |

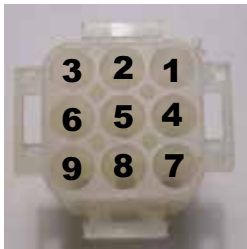
**TABLE 30 - SYSTEM #2 SENSOR WIRING**

| PLUG DETAIL                                                                         | PLUG AND PIN P/N                                      | PLUG "P" NO. | PLUG PIN NO.          | WIRE COLOR                              | CABLE CODE | FUNCTION                                     | HARNESS ASSEMBLY PART NUMBER                                                      |
|-------------------------------------------------------------------------------------|-------------------------------------------------------|--------------|-----------------------|-----------------------------------------|------------|----------------------------------------------|-----------------------------------------------------------------------------------|
|  | Plug =<br>025-28383-001<br><br>Pin =<br>025-28386-000 | P30          | 1<br>2<br>3<br>4<br>5 | Green<br>Red<br>Black<br>White<br>Drain | 5          | System #2<br>Compressor Motor<br>Temperature | 575 77880 318<br>575 77880 344<br>575 77880 378<br>575 77880 431<br>575 77880 913 |
|                                                                                     |                                                       |              | 6<br>7<br>8           | Black<br>Red<br>Drain                   | 16         | System #2<br>High Level Switch               | 575 77880 328<br>575 77880 379<br>575 77880 395<br>575 77880 432<br>575 77880 914 |
|  | Plug =<br>025-29185-001<br><br>Pin =<br>025-28386-000 | P31          | 1<br>2<br>3           | Black<br>Red<br>Drain                   | 13         | System #2<br>Condenser Liquid<br>Temperature | 575 77880 309<br>575 77880 380<br>575 77880 396<br>575 77880 433<br>575 77880 915 |
|  | Plug =<br>025-28384-001<br><br>Pin =<br>025-28386-000 | P32          | 1<br>2<br>3           | Black<br>Red<br>Drain                   | 15         | System #2<br>Discharge<br>Temperature        | 575 77880 311<br>575 77880 346<br>575 77880 381<br>575 77880 434<br>575 77880 916 |
|                                                                                     |                                                       |              | 5<br>6<br>7<br>8      | Green<br>Red<br>Black<br>White          | 20         | System #2<br>Economizer Feed                 | 575 77880 362<br>575 77880 366<br>575 77880 382<br>575 77880 435<br>575 77880 917 |
|                                                                                     |                                                       |              | 9<br>10<br>11<br>12   | Green<br>Red<br>Black<br>White          | 21         | System #2<br>Flash Tank<br>Feed              | 575 77880 322<br>575 77880 383<br>575 77880 397<br>575 77880 436<br>575 77880 918 |

**TABLE 30 - SYSTEM #2 SENSOR WIRING (CONT'D)**

| PLUG DETAIL                                                                         | PLUG AND PIN P/N                                      | PLUG "P" NO. | PLUG PIN NO. | WIRE COLOR | CABLE CODE | FUNCTION                           | HARNESS ASSEMBLY PART NUMBER |
|-------------------------------------------------------------------------------------|-------------------------------------------------------|--------------|--------------|------------|------------|------------------------------------|------------------------------|
|    | Plug =<br>025-28385-001<br><br>Pin =<br>025-28386-000 | <b>P33</b>   | 1            | White      | 17         | System #2<br>Suction<br>Pressure   | 575 77880 303                |
|                                                                                     |                                                       |              | 2            | Red        |            |                                    | 575 77880 348                |
|                                                                                     |                                                       |              | 3            | Black      |            |                                    | 575 77880 384                |
|                                                                                     |                                                       |              | 4            | Drain      |            |                                    | 575 77880 437                |
|                                                                                     |                                                       |              | 6            | White      | 18         | System #2<br>Oil<br>Pressure       | 575 77880 919                |
|                                                                                     |                                                       |              | 7            | Red        |            |                                    | 575 77880 305                |
|                                                                                     |                                                       |              | 8            | Black      |            |                                    | 575 77880 350                |
|                                                                                     |                                                       |              | 9            | Drain      |            |                                    | 575 77880 385                |
|                                                                                     |                                                       |              | 11           | White      | 19         | System #2<br>Discharge<br>Pressure | 575 77880 438                |
|                                                                                     |                                                       |              | 12           | Red        |            |                                    | 575 77880 920                |
|                                                                                     |                                                       |              | 13           | Black      |            |                                    | 575 77880 307                |
|                                                                                     |                                                       |              | 14           | Drain      |            |                                    | 575 77880 356                |
|   | Plug =<br>025-29185-000<br><br>Pin =<br>025-28386-000 | P53          | 1            | Black      | 38         | System #2<br>Eductor Line          | 575 77880 386                |
|                                                                                     |                                                       |              | 2            | Red        |            |                                    | 575 77880 368                |
|                                                                                     |                                                       |              | 3            | Drain      |            |                                    | 575 77880 393                |
|                                                                                     |                                                       |              |              |            |            |                                    | 575 77880 446                |
|                                                                                     |                                                       |              |              |            |            |                                    | 575 77880 924                |
|  | Plug =<br>025 28959 001<br><br>Pin =<br>025-28386-000 | P77          | 1            | White      | 50         | System #2<br>Liquid<br>Pressure    | 575 77880 326                |
|                                                                                     |                                                       |              | 2            | Red        |            |                                    | 575 77880 391                |
|                                                                                     |                                                       |              | 3            | Black      |            |                                    | 575 77880 398                |
|                                                                                     |                                                       |              | 4            | Drain      |            |                                    | 575 77880 444                |
|                                                                                     |                                                       |              |              |            |            |                                    | 575 77880 922                |

**TABLE 31 - UNIT SENSOR WIRING**

| PLUG DETAIL                                                                       | PLUG AND PIN P/N                                      | PLUG "P" NO. | PLUG PIN NO. | WIRE COLOR | CABLE CODE | FUNCTION                   | HARNESS ASSEMBLY PART NUMBER |
|-----------------------------------------------------------------------------------|-------------------------------------------------------|--------------|--------------|------------|------------|----------------------------|------------------------------|
|  | Plug =<br>025-21192-000<br><br>Pin =<br>025-19673-000 | <b>P25</b>   | 1            | Black      | 1          | Leaving Water Temperature  | 575 77880 312                |
|                                                                                   |                                                       |              | 2            | Red        |            |                            | 575 77880 353                |
|                                                                                   |                                                       |              | 3            | Drain      |            |                            | 575 77880 387                |
|                                                                                   |                                                       |              |              |            |            |                            | 575 77880 440                |
|                                                                                   |                                                       |              |              |            |            |                            | 575 77880 904                |
|                                                                                   |                                                       |              | 4            | Black      | 2          | Entering Water Temperature | 575 77880 313                |
|                                                                                   |                                                       |              | 5            | Red        |            |                            | 575 77880 354                |
|                                                                                   |                                                       |              | 6            | Drain      |            |                            | 575 77880 388                |
|                                                                                   |                                                       |              |              |            |            |                            | 575 77880 441                |
|                                                                                   |                                                       |              |              |            |            |                            | 575 77880 905                |
|                                                                                   |                                                       |              | 7            | Black      | 3          | Outside Air Temperature    | 575 77880 314                |
|                                                                                   |                                                       |              | 8            | Red        |            |                            |                              |
|                                                                                   |                                                       |              | 9            | Drain      |            |                            |                              |

**TABLE 32 - UNIT CONTROL WIRING**

| PLUG DETAIL                                                                        | PLUG AND PIN P/N                                      | PLUG "P" NO. | PLUG PIN NO. | WIRE COLOR | FUNCTION                       | HARNESS ASSEMBLY PART NUMBER |
|------------------------------------------------------------------------------------|-------------------------------------------------------|--------------|--------------|------------|--------------------------------|------------------------------|
|  | Plug =<br>025-21417-000<br><br>Pin =<br>025-19673-000 | <b>P36</b>   | 1            | 2          | Cooler Heaters (3 HTR) (6 HTR) | 575 77880 204                |
|                                                                                    |                                                       |              | 2            | 29         |                                |                              |
|                                                                                    |                                                       |              | 3            | 34         |                                |                              |
|                                                                                    |                                                       |              | 4            | Ground     |                                |                              |

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## SECTION 10 - OPTIONS

**TABLE 33 - VIBRATION ISOLATORS**

| ONE INCH DEFLECTION SPRING ISOLATOR CROSS REFERENCE                |                    |                    |             |                  |
|--------------------------------------------------------------------|--------------------|--------------------|-------------|------------------|
| WEIGHT RANGE (LBS)                                                 | WEIGHT RANGE (KG.) | VENDOR PART NUMBER | COLOR       | YORK PART NUMBER |
| FOR UNITS WITH <b>ALL</b> POINT LOADS LESS THAN 1404 LBS. (637 KG) |                    |                    |             |                  |
| UP to 435 LBS                                                      | UP to 197          | CP-1D-510          | Black       | 029 25334 002    |
| 435 to 766 LBS                                                     | 197 to 347         | CP-1D-900          | Dark Green  | 029 25334 003    |
| 766 to 1021 LBS                                                    | 347 to 463         | CP-1D-1200         | Gray        | 029 25334 004    |
| 1021 to 1157 LBS                                                   | 463 to 525         | CP-1D-1360         | White       | 029 25334 005    |
| 1157 to ***1785 LBS                                                | 525 to 810         | CP-1D-1785N        | Gray/Red    | 029 25334 006    |
| FOR UNITS WITH <b>ANY</b> POINT LOADS LESS THAN 1404 LBS. (637 KG) |                    |                    |             |                  |
| UP to 1149 LBS                                                     | UP to 521          | C2P-1D-1350        | Dark Purple | 029 25334 008    |
| 1149 to 1531 LBS                                                   | 521 to 694         | C2P -1D-1800       | Dark Green  | 029 25334 009    |
| 1531 to 2041 LBS                                                   | 694 to 926         | C2P-1D-2400        | Gray        | 029 25334 010    |
| 2041 to 2313 LBS                                                   | 926 to 1049        | C2P-1D-2720        | White       | 029 25334 012    |
| 2313 to ***3570 LBS                                                | 1049 to 1619       | C2P-1D-3570N       | Gray/Red    | 029 25334 013    |

| NEOPRENE ISOLATOR CROSS REFERENCE |                    |                    |           |                  |
|-----------------------------------|--------------------|--------------------|-----------|------------------|
| **WEIGHT RANGE (LBS)              | WEIGHT RANGE (KG.) | VENDOR PART NUMBER | COLOR     | YORK PART NUMBER |
| UP to 826 LBS                     | UP to 375          | RD-3 Charcoal-WR   | Charcoal  | 029 25335 001    |
| 826 to 1689 LBS                   | 375 to 766         | RD-4 Brick Red-WR  | Brick Red | 029 25335 002    |
| 1689 to ***4000 LBS               | 766 to 1814        | RD-4 Charcoal-WR   | Charcoal  | 029 25335 004    |

| TWO INCH DEFLECTION SEISMIC ISOLATOR CROSS REFERENCE |                    |                    |                      |                  |
|------------------------------------------------------|--------------------|--------------------|----------------------|------------------|
| WEIGHT RANGE (LBS)                                   | WEIGHT RANGE (KG.) | VENDOR PART NUMBER | COLOR                | YORK PART NUMBER |
| UP to 392 LBS                                        | UP to 178          | Y2RSI-2D-460       | Green                | 029 25336 006    |
| 392 to 605 LBS                                       | 178 to 274         | Y2RSI-2D-710       | Dark Brown           | 029 25336 008    |
| 605 to 741 LBS                                       | 274 to 336         | Y2RSI-2D-870       | Red                  | 029 25336 009    |
| 741 to 1021 LBS                                      | 336 to 463         | Y2RSI-2D-1200N     | Red/Black            | 029 25336 010    |
| 1021 to 1438 LBS                                     | 463 to 652         | Y2RSI-2D-1690      | Pink                 | 029 25336 011    |
| 1438 to 2245 LBS                                     | 652 to 1018        | Y2RSI-2D-2640N     | Pink/Gray            | 029 25336 012    |
| 2245 to 2619 LBS                                     | 1018 to 1188       | Y2RSI-2D-2870N     | Pink/Gray/Orange     | 029 25336 013    |
| 2619 to ***3740 LBS                                  | 1188 to 1696       | Y2RSI-2D-3280N     | Pink/Gray/Dark Brown | 029 25336 014    |

Notes: \* Value is de-rated by 15%

\*\*Value is de-rated by 25%

\*\*\*Value is not de-rated

Isolators with 1" deflection (PIN 55=1) must be of the same class for the entire unit. IE. Must use C2P's at all locations on a selected unit, or all CP's.

**TABLE 34 - FIELD INSTALLED OPTION KITS**

| MODEL                                                                                                      | DESCRIPTION                        | PART NUMBER   | QUANTITY  |
|------------------------------------------------------------------------------------------------------------|------------------------------------|---------------|-----------|
| ALL                                                                                                        | Differential Pressure Switch       | 025 03919 000 | 1, 2 or 3 |
| ALL                                                                                                        | Flow Switch, 150 PSIG DWP          | 024 26116 000 | 1, 2 or 3 |
| ALL                                                                                                        | Flow Switch, 300 PSIG DWP*         | 024 12144 000 | 1, 2 or 3 |
| ALL                                                                                                        | Thermal Dispersion Switch          | 375 94519 001 | 1, 2 or 3 |
| 0153/0543 thru 0165/0565<br>0183/0643 thru 0198/0688<br>0213/0743<br>0233/0843<br>0263/0943                | Chicago Relief Kit (ASME)          | 375 89936 000 | 1         |
| 0178/0588<br>0200/0700<br>0215/0765 thru 0218/0788<br>0245/0865 thru 0248/0888<br>0273/0963 thru 0345/1215 |                                    | 392 03015 000 |           |
| 0153/0543 thru 0273/0963<br>0303/1093<br>0333/1173                                                         | Kit, Victaulic Flange, 6 Connector | 023 19049 000 | 1         |
| 0275/0965 thru 0278/0988<br>0323/1143<br>0308/1088<br>0343/1193 thru 0345/1215                             | Kit, Victaulic Flange, 8 Connector | 023 19046 000 | 1         |

Note: \* Option has not yet been designed



**TABLE 35 - WIRE ENCLOSURE KITS**

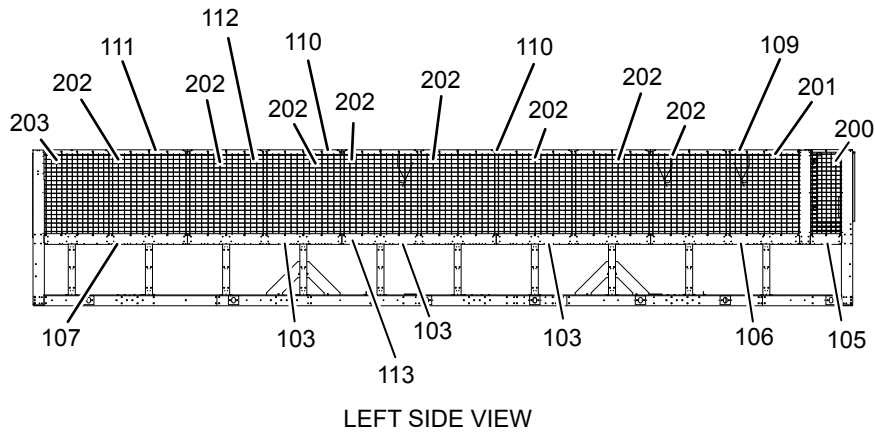
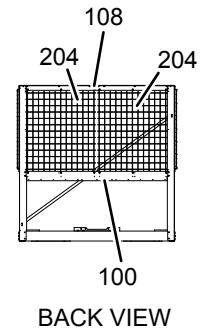
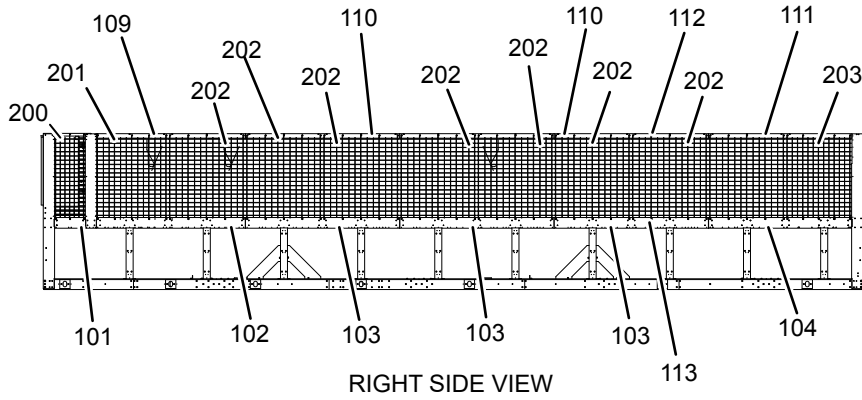
| <b>PIN 54 = X ( NO SELECTION) OR E (ECONOMICAL LOW NOISE KITS)</b> |             |                        |                                    |                                       |
|--------------------------------------------------------------------|-------------|------------------------|------------------------------------|---------------------------------------|
| <b>MODEL</b>                                                       | <b>FANS</b> | <b>FULL KIT NUMBER</b> | <b>TOP SECTION<br/>PART NUMBER</b> | <b>BOTTOM SECTION<br/>PART NUMBER</b> |
| 0153/0543                                                          | 8           | 375 93247 000          | 375 93247 001                      | 375 93247 002                         |
| 0165/0565<br>0183/0643                                             | 10          | 375 93247 010          | 375 93247 011                      | 375 93247 012                         |
| 0178/0588<br>0195/0665<br>0213/0743 thru 0215/0765<br>0233/0843    | 12          | 375 93247 020          | 375 93247 021                      | 375 93247 022                         |
| 0198/0688<br>0218/0788<br>0245/0865<br>0263/0943 thru 0275/0965    | 14          | 375 93247 030          | 375 93247 031                      | 375 93247 032                         |
| 0200/0700                                                          | 8           | 375 93247 100          | 375 93247 101                      | 375 93247 102                         |
| 0248/0888<br>0278/0988 thru 0303/1093<br>0323/1143                 | 16          | 375 93247 040          | 375 93247 041                      | 375 93247 042                         |
| 0308/1088<br>0333/1173 thru 0343/1193                              | 18          | 392 03482 000          | 392 03482 001                      | 392 03482 002                         |
| 0318/1188<br>0345/1215                                             | 20          | 375 93247 060          | 375 93247 061                      | 375 93247 062                         |
| <b>PIN 54 = R (LOW NOISE LEVEL 1 KITS)</b>                         |             |                        |                                    |                                       |
| <b>MODEL</b>                                                       | <b>FANS</b> | <b>FULL KIT NUMBER</b> | <b>TOP SECTION<br/>PART NUMBER</b> | <b>BOTTOM SECTION<br/>PART NUMBER</b> |
| 0153/0543                                                          | 8           | 392 02052 000          | 392 02052 001                      | 392 02052 002                         |
| 0165/0565<br>0183/0643                                             | 10          | 392 02040 010          | 392 02040 011                      | 392 02040 012                         |
| 0178/0588<br>0215/0765                                             | 12          | 392 02043 020          | 392 02043 021                      | 392 02043 022                         |
| 0195/0665<br>0213/0743<br>0233/0843                                | 12          | 392 02040 020          | 392 02040 021                      | 392 02040 022                         |
| 0198/0688<br>0263/0943                                             | 14          | 392 02040 030          | 392 02040 031                      | 392 02040 032                         |
| 0200/0700                                                          | 8           | 392 02052 100          | 392 02052 101                      | 392 02052 102                         |
| 0218/0788                                                          | 14          | 392 02043 030          | 392 02043 031                      | 392 02043 032                         |
| 0245/0865                                                          | 14          | 392 03673 030          | 392 03673 031                      | 392 03673 032                         |
| 0248/0888<br>0278/0988                                             | 16          | 392 02049 040          | 392 02049 041                      | 392 02049 042                         |
| 0273/0963 thru 0275/0965                                           | 14          | 392 02046 030          | 392 02046 031                      | 392 02046 032                         |
| 0343/1193                                                          | 18          | 392 03491 000          | 392 03491 001                      | 392 03491 002                         |

**TABLE 36 - WIRE ENCLOSURE KIT COMPONENTS - TOP**

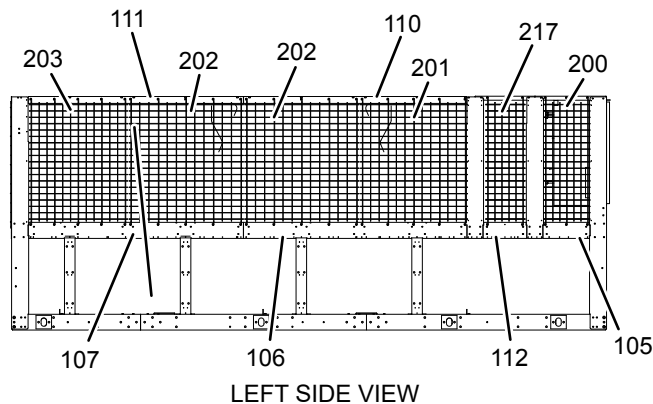
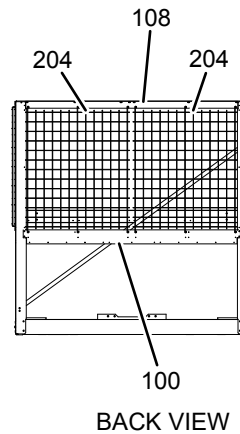
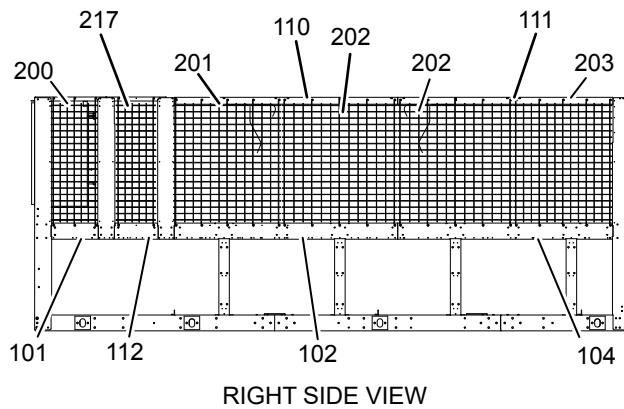
| ITEM | MODEL                                                                                                                 | DESCRIPTION              | PART NUMBER   | QUANTTIY | FIGURE |
|------|-----------------------------------------------------------------------------------------------------------------------|--------------------------|---------------|----------|--------|
| 100  | ALL                                                                                                                   | Rail Support             | 075 84415 000 | 1        | 27     |
| 101  | ALL                                                                                                                   | Panel Cover, Wiring Tray | 075 79567 001 | 1        | 27     |
| 102  | ALL                                                                                                                   | Panel Cover, Wiring Tray | 075 79568 001 | 1        | 27     |
| 103  | 0165/0565 thru 0195/0665<br>0213/0743 thru 0198/0688<br>0213/0743 thru 0233/0843                                      | Panel Cover, Wiring Tray | 075 79569 001 | 2        | 27     |
|      | 0198/0688<br>0218/0788<br>0245/086 thru 0343/1193                                                                     |                          |               | 4        |        |
|      | 0318/1188<br>0345/1215                                                                                                |                          |               | 6        |        |
| 104  | 0153/0543<br>178/0588<br>0195/0665<br>0200/0700 thru 0215/0765<br>0233/0843<br>0248/0888<br>0278/0988 thru 0345/1215  | Panel Cover, Wiring Tray | 075 79570 003 | 1        | 27     |
|      | 0165/0565<br>0183/0643<br>0198/0688<br>0218/0788<br>0245/0865<br>0263/0943 thru 0275/0965                             |                          | 075 79570 001 | 1        |        |
| 105  | ALL                                                                                                                   | Panel Cover, Wiring Tray | 075 79567 002 | 1        | 27     |
| 106  | ALL                                                                                                                   | Panel Cover, Wiring Tray | 075 79568 002 | 1        | 27     |
| 107  | 0153/0543<br>0178/0588<br>0195/0665<br>0200/0700 thru 0215/0765<br>0233/0843<br>0248/0888<br>0278/0988 thru 0345/1215 | Panel Cover, Wiring Tray | 075 79570 004 | 1        | 27     |
|      | 0165/0565<br>0183/0643<br>0198/0688<br>0218/0788<br>0245/0865<br>0263/0943 thru 0275/0965                             |                          | 075 79570 002 | 1        |        |
| 108  | ALL                                                                                                                   | Support, Grill           | 075 93336 000 | 1        | 27     |
| 109  | 0153/0543 thru 0198/0688<br>0213/0743 thru 0345/1215                                                                  | Support, Grill           | 075 93336 001 | 2        | 27     |
| 110  | 0165/0565, 0183/0643                                                                                                  | Support ,Grill           | 075 93336 002 | 2        | 27     |
|      | 0178/0588, 0195/0665,<br>0213/0743 thru 0215/0765,<br>0233/0843                                                       |                          |               | 2        |        |
|      | 0198/0688, 0218/0788,<br>0245/0865, 0263/0943 thru<br>0275/0965                                                       |                          |               | 4        |        |

**TABLE 36 - WIRE ENCLOSURE KIT COMPONENTS - TOP (CONT'D)**

| ITEM       | MODEL                                                                                     | DESCRIPTION              | PART NUMBER   | QUANTITY | FIGURE |
|------------|-------------------------------------------------------------------------------------------|--------------------------|---------------|----------|--------|
| <b>110</b> | 0200/0700                                                                                 | Support, Grill           | 075 93336 001 | 2        | 27     |
|            | 0248/0888, 0278/0988 thru<br>0303/1093, 0323/1143                                         |                          | 075 93336 002 | 4        |        |
|            | 0308/1088, 0333/1173 thru<br>0343/1193                                                    |                          |               | 4        |        |
|            | 0318/1188, 0345/1215                                                                      |                          |               | 6        |        |
| <b>111</b> | 0153/0543<br>0200/0700                                                                    | Support, Grill           | 075 93336 005 | 2        | 27     |
|            | 0165/0565<br>0183/0643<br>0198/0688<br>0218/0788<br>0245/0865<br>0263/0943 thru 0275/0988 |                          | 075 93336 003 | 2        |        |
|            | 0178/0588<br>0195/0665<br>0213/0743 thru 0215/0765<br>0233/0843                           |                          | 075 93336 004 | 2        |        |
|            | 0248/0888<br>0278/0988 thru 0345/1215                                                     |                          | 075 93336 006 | 2        |        |
|            |                                                                                           |                          |               |          |        |
| <b>112</b> | 0200/0700                                                                                 | Panel Cover, Wiring Tray | 075 94088 001 | 2        | 27     |
| <b>112</b> | 0308/1088<br>0333/1173 thru 0343/1193                                                     | Support, Grill           | 075 93336 007 | 2        |        |
| <b>113</b> | 0308/1088<br>0333/1173 thru 0343/1193                                                     | Panel Cover, Wiring Tray | 075 79570 020 | 2        | 27     |
| <b>200</b> | ALL                                                                                       | Wire Grille              | 026 46614 000 | 2        | 27     |
| <b>201</b> | ALL                                                                                       | Wire Grille              | 026 46612 000 | 2        | 27     |
| <b>202</b> | 0153/0543                                                                                 | Wire Grille              | 026 46602 000 | 4        | 27     |
|            | 0165/0565, 0183/0643                                                                      |                          |               | 6        |        |
|            | 0178/0588, 0195/0665,<br>0213/0743 thru 0215/0765,<br>0233/0843                           |                          |               | 8        |        |
|            | 0198/0688, 0218/0788,<br>0245/0865, 0263/0943 thru<br>0275/0965                           |                          |               | 10       |        |
|            | 0200/0700                                                                                 |                          |               | 4        |        |
|            | 0248/0888, 0278/0988 thru<br>0303/1093, 0323/1143                                         |                          |               | 12       |        |
|            | 0308/1088, 0333/1173 thru<br>0343/1193                                                    |                          |               | 14       |        |
|            | 0318/1188, 0345/1215                                                                      |                          |               | 16       |        |
| <b>203</b> | ALL                                                                                       | Wire Grille              | 026 46613 000 | 2        | 27     |
| <b>204</b> | ALL                                                                                       | Wire Grille              | 026 46609 000 | 2        | 27     |
| <b>217</b> | 0200/0700                                                                                 | Wire Grille              | 026 46724 000 | 2        | 27     |

ALL UNITS EXCEPT 0200/0700  
0345/1215 SHOWN

0200/0700 UNIT ONLY

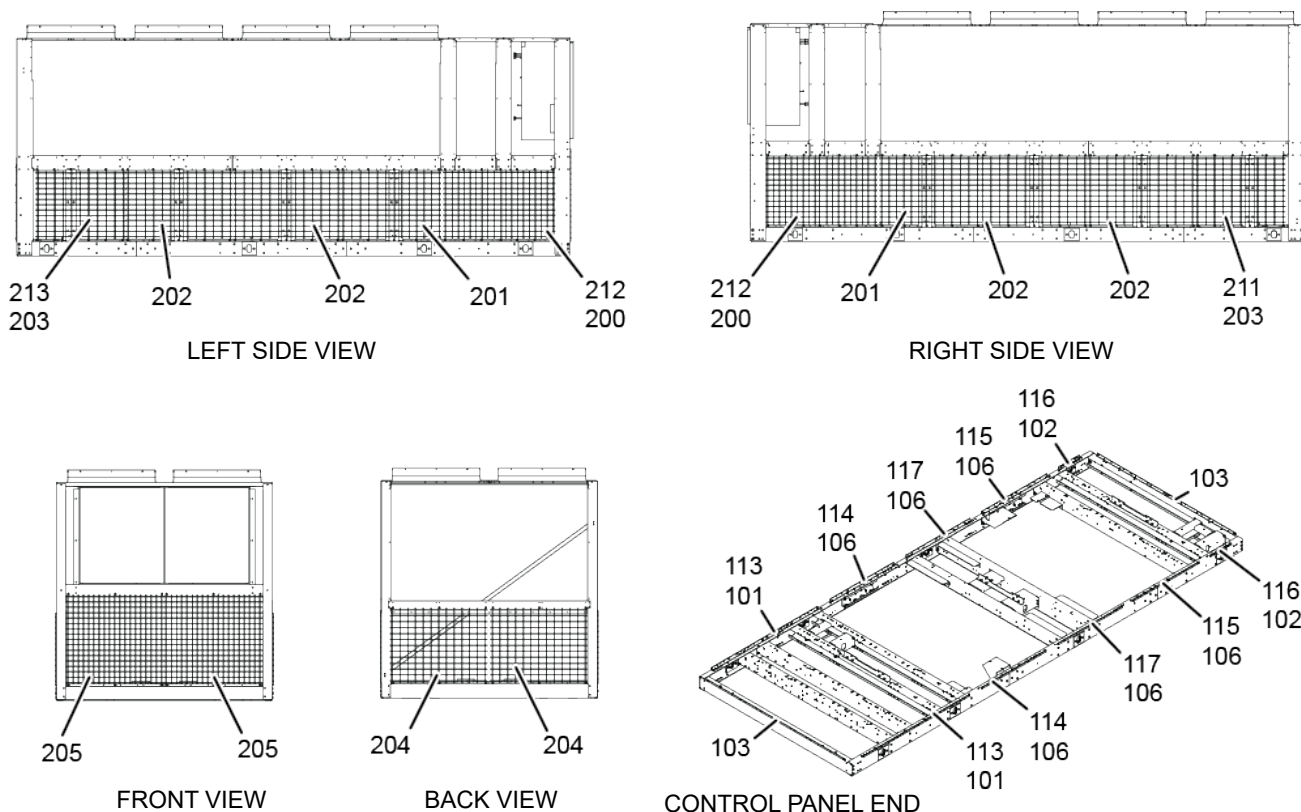


LD15929

FIGURE 27 - WIRE ENCLOSURE KIT COMPONENTS - TOP

**TABLE 37 - WIRE ENCLOSURE KIT COMPONENTS - BOTTOM, MODELS 0153 AND 0200**

| ITEM | MODEL                   | DESCRIPTION             | PART NUMBER   | QUANTITY | FIGURE |
|------|-------------------------|-------------------------|---------------|----------|--------|
| 101  | 0153/0543               | Angle, Support, Louvers | 075 94066 001 | 2        | 28     |
| 102  | 0153/0543               | Angle, Support, Louvers | 075 94066 002 | 2        | 28     |
| 103  | 0153/0543 and 0200/0700 | Angle, Support, Louvers | 075 94066 003 | 2        | 28     |
| 106  | 0153/0543               | Angle, Support, Louvers | 075 94066 006 | 6        | 28     |
| 113  | 0153/0543 and 0200/0700 | Angle, Support, Louvers | 075 94066 007 | 2        | 28     |
| 114  | 0200/0700               | Angle, Support, Louvers | 075 94066 008 | 2        | 28     |
| 115  | 0200/0700               | Angle, Support, Louvers | 075 94066 009 | 2        | 28     |
| 116  | 0200/0700               | Angle, Support, Louvers | 075 94066 010 | 2        | 28     |
| 117  | 0200/0700               | Angle, Support, Louvers | 075 94066 011 | 2        | 28     |
| 200  | 0153/0543               | Wire Grille             | 026 46610 000 | 2        | 28     |
| 201  | 0153/0543 and 0200/0700 | Wire Grille             | 026 46615 000 | 2        | 28     |
| 202  | 0153/0543 and 0200/0700 | Wire Grille             | 026 46616 000 | 4        | 28     |
| 203  | 0153/0543               | Wire Grille             | 026 46617 000 | 2        | 28     |
| 204  | 0153/0543 and 0200/0700 | Wire Grille             | 026 46601 000 | 2        | 28     |
| 205  | 0153/0543 and 0200/0700 | Wire Grille             | 026 46600 000 | 2        | 28     |
| 211  | 0200/0700               | Wire Grille             | 026 46692 000 | 1        | 28     |
| 212  | 0200/0700               | Wire Grille             | 026 46725 000 | 2        | 28     |
| 213  | 0153/0543 and 0200/0700 | Wire Grille             | 026 46726 000 | 1        | 28     |



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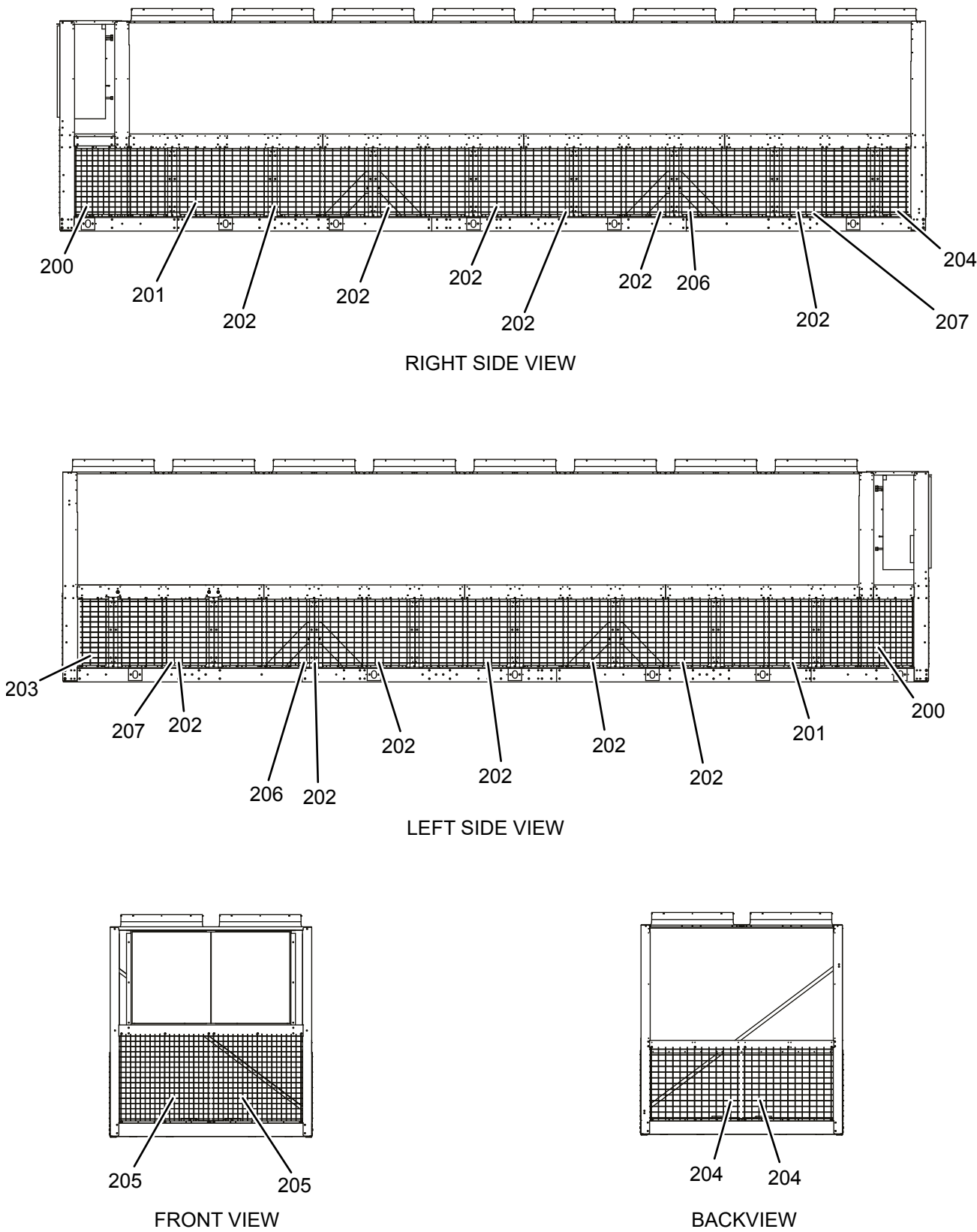
**FIGURE 28 - WIRE ENCLOSURE KIT COMPONENTS - BOTTOM, MODELS 0153 AND 0200**

**TABLE 38 - WIRE ENCLOSURE KIT COMPONENTS - BOTTOM, MODELS 0165 THRU 0198, 0213 THRU 0303, AND 0323 (10, 12, 14 AND 16 FANS)**

| ITEM       | MODEL                                                                                                                   | NUMBER OF FANS   | DESCRIPTION             | PART NUMBER   | QUANTITY | FIGURE |
|------------|-------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------|---------------|----------|--------|
| <b>100</b> | 0178/0588<br>0195/0665<br>0213/0743 thru 0215/0765<br>0233/0843                                                         | 12               | Angle, Support, Louvers |               | 6        | 30     |
|            | 0198/0688<br>0218/0788<br>0245/0865<br>0263/0943 thru 0275/0965                                                         | 14               |                         |               | 8        |        |
|            | 0248/0888<br>0278/0988 thru 0303/1093<br>0323/1143                                                                      | 16               |                         |               | 10       |        |
| <b>101</b> | ALL                                                                                                                     | ALL              | Angle, Support, Louvers | 075 94066 001 | 2        | 30     |
| <b>102</b> | ALL                                                                                                                     | ALL              | Angle, Support, Louvers | 075 94066 002 | 2        | 30     |
| <b>103</b> | 0165/0565 thru 0195/0665<br>0213/0743 thru 0215/0765<br>0233/0843<br>0248/0888<br>0278/0988 thru 0303/1093<br>0323/1143 | 10, 12<br>and 16 | Angle, Support, Louvers | 075 94066 003 | 2        | 30     |
| <b>104</b> | 0178/0588<br>0195/0665 thru 0198/0688<br>0213/0743 thru 0303/1093<br>0323/1143                                          | 12 14 and<br>16  | Angle, Support, Louvers | 075 94066 004 | 2        | 30     |
| <b>105</b> | 0178/0588<br>0195/0665 thru 0198/0688<br>0213/0743 thru 0303/1093<br>0323/1143                                          | 12, 14<br>and 16 | Angle, Support, Louvers | 075 94066 005 | 2        | 30     |
| <b>106</b> | 0165/0565<br>0183/0643                                                                                                  | 10               | Angle, Support, Louvers | 075 94066 006 | 4        | 30     |
|            | 0198/0688<br>0218/0788<br>0245/0865<br>0263/0943 thru 0275/0965                                                         | 14               | Angle, Support, Louvers | 075 94066 003 | 2        |        |
| <b>200</b> | ALL                                                                                                                     | ALL              | Wire Grille             | 026 46610 000 | 2        | 29     |
| <b>201</b> | ALL                                                                                                                     | ALL              | Wire Grille             | 026 46615 000 | 2        | 29     |
| <b>202</b> | 0165/0565 thru 0198/0688<br>0213/0743 thru 0245/0865<br>0263/0943 thru 0275/0965                                        | 10, 12, 14       | Wire Grille             | 026 46616 000 | 6        | 29     |
|            | 0248/0888<br>0278/0988 thru 0303/1093<br>0323/1143                                                                      | 16               |                         |               | 12       |        |
| <b>203</b> | 0165/0565<br>0183/0643<br>0198/0688<br>0218/0788<br>0245/0865<br>0263/0943 thru 0275/0965                               | 10 and 14        | Wire Grille             | 026 46617 000 | 2        | 29     |

**TABLE 38 - WIRE ENCLOSURE KIT COMPONENTS - BOTTOM, MODELS 0165 THRU 0198, 0213 THRU 0303, AND 0323 (10, 12, 14 AND 16 FANS) (CONT'D)**

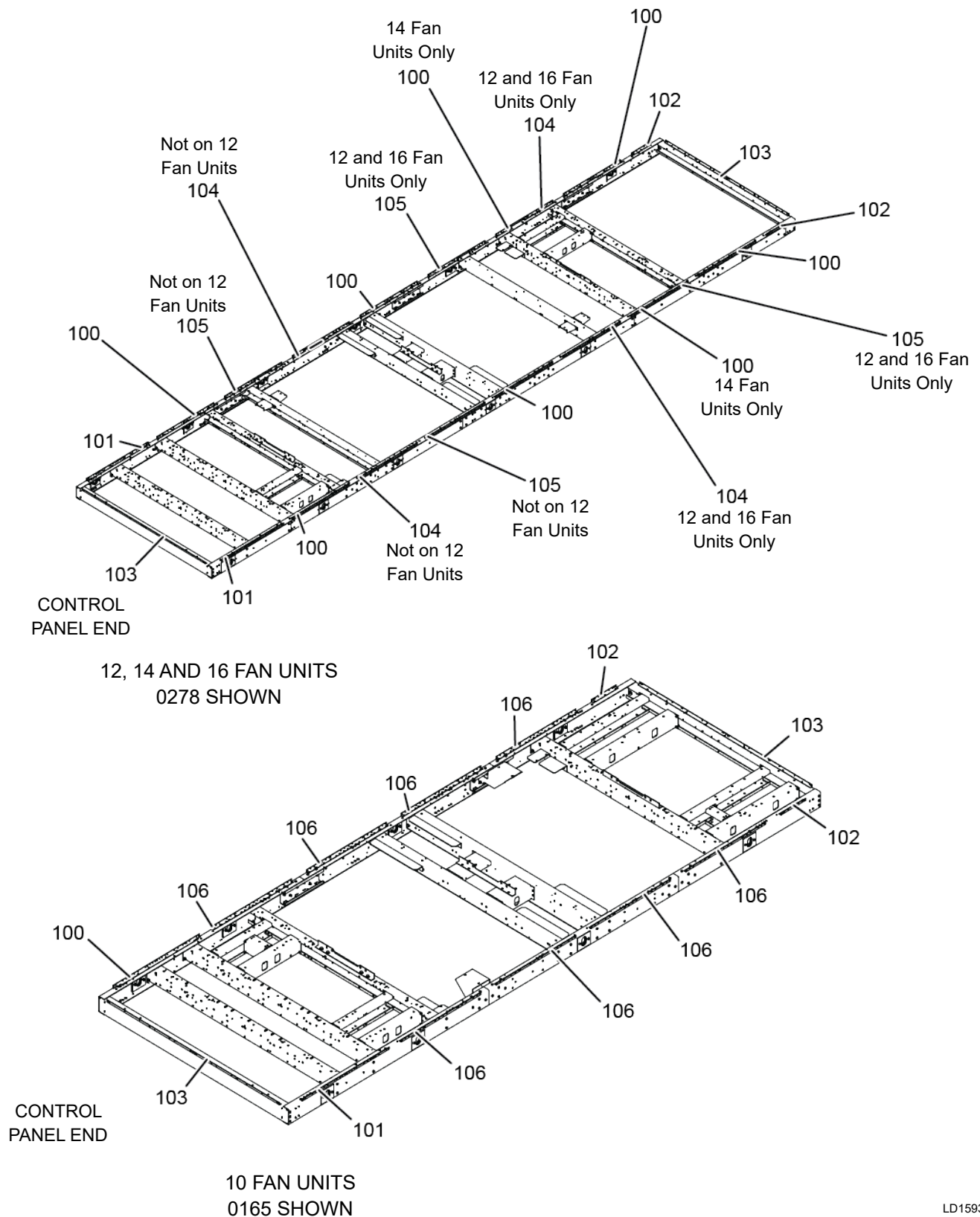
| ITEM       | MODEL                    | NUMBER OF FANS | DESCRIPTION | PART NUMBER   | QUANTITY | FIGURE |
|------------|--------------------------|----------------|-------------|---------------|----------|--------|
| <b>203</b> | 0178/0588                | 12 and 14      | Wire Grille | 026 46692 000 | 2        | 29     |
|            | 0195/0665                |                |             |               |          |        |
|            | 0213/0743 thru 0215/0765 |                |             |               |          |        |
|            | 0233/0843                |                |             |               |          |        |
|            | 0248/0888                |                |             |               |          |        |
|            | 0278/0988 thru 0303/1093 |                |             |               |          |        |
| <b>204</b> | ALL                      | ALL            | Wire Grille | 026 46601 000 | 2        | 29     |
| <b>205</b> | ALL                      | ALL            | Wire Grille | 026 46600 000 | 2        | 29     |
| <b>206</b> | 0198/0688                | 14             | Wire Grille | 026 46618 000 | 2        | 29     |
|            | 0218/0788                |                |             |               |          |        |
|            | 0245/0865                |                |             |               |          |        |
|            | 0263/0943 thru 0275/0965 |                |             |               |          |        |
|            |                          |                |             |               |          |        |
| <b>207</b> | 0178/0588                | 12             | Wire Grille | 026 46618 000 | 2        | 29     |
|            | 0195/0665                |                |             |               |          |        |
|            | 0213/0743 thru 0215/0765 |                |             |               |          |        |
|            | 0233/0843                |                |             |               |          |        |
|            |                          |                |             |               |          |        |
|            | 0198/0688                | 14             | Wire Grille | 026 46693 000 | 2        | 29     |
|            | 0218/0788                |                |             |               |          |        |
|            | 0245/0865                |                |             |               |          |        |
|            | 0263/0943 thru 0275/0965 |                |             |               |          |        |
|            |                          |                |             |               |          |        |



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**FIGURE 29 - WIRE ENCLOSURE KIT COMPONENTS - BOTTOM,**  
MODELS 0165 THRU 0198, 0213 THRU 0303, AND 0323 (10, 12, 14 AND 16 FANS)

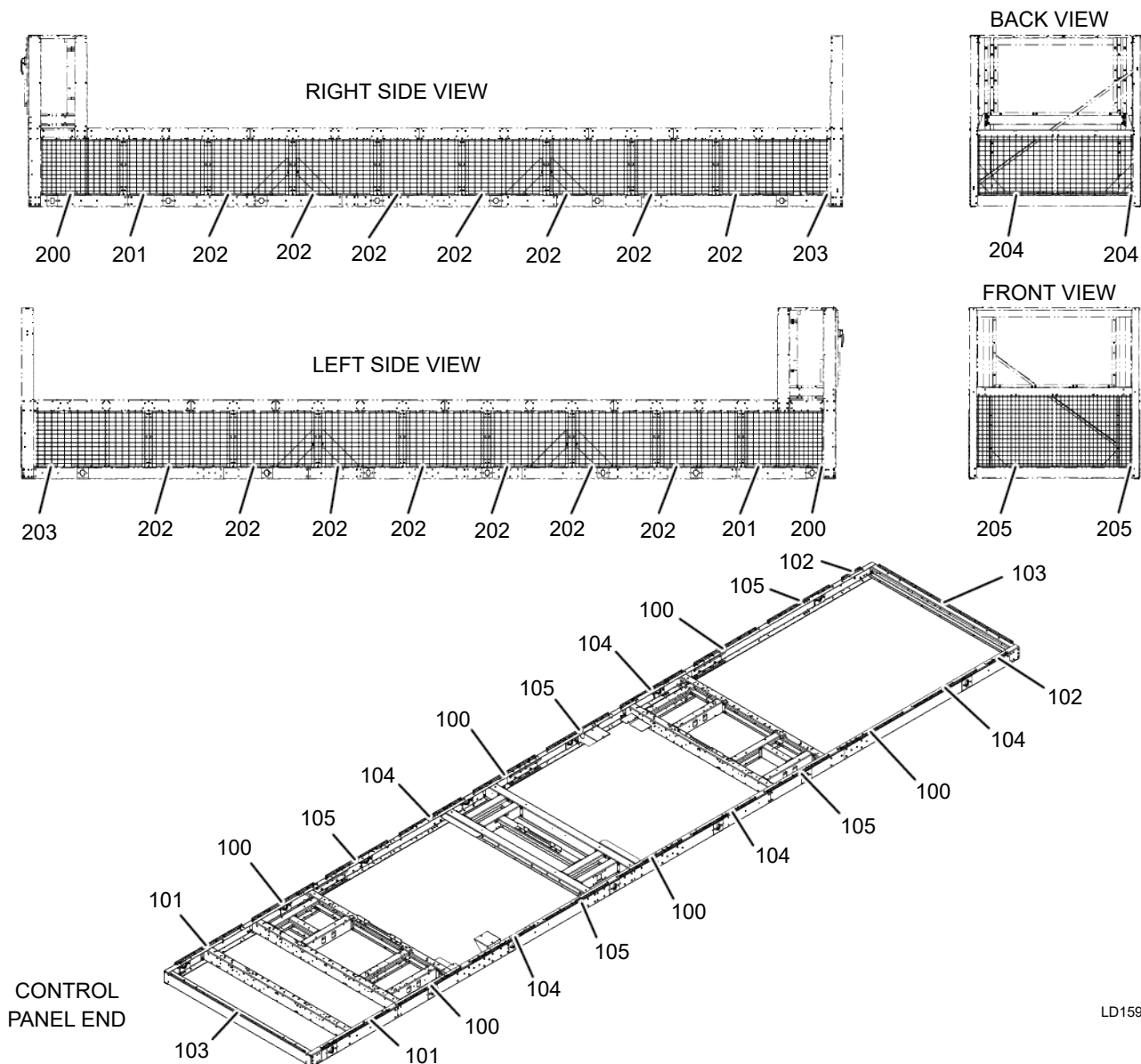




**FIGURE 30 - WIRE ENCLOSURE KIT COMPONENTS - BOTTOM (GRILLE MOUNTING ANGLES), MODELS 0165 THRU 0198, 0213 THRU 0303, AND 0323 (10, 12, 14 AND 16 FANS)**

**TABLE 39 - WIRE ENCLOSURE KIT COMPONENTS - BOTTOM, MODELS 0308, 0333 AND 0343**

| ITEM | DESCRIPTION             | PART NUMBER   | QUANTITY | FIGURE |
|------|-------------------------|---------------|----------|--------|
| 100  | Angle, Support, Louvers | 075 94066 000 | 6        | 31     |
| 101  | Angle, Support, Louvers | 075 94066 001 | 2        | 31     |
| 102  | Angle, Support, Louvers | 075 94066 002 | 2        | 31     |
| 103  | Angle, Support, Louvers | 075 94066 003 | 5        | 31     |
| 104  | Angle, Support, Louvers | 075 94066 004 | 5        | 31     |
| 105  | Angle, Support, Louvers | 075 94066 005 | 5        | 31     |
| 200  | Wire Grille             | 026 46610 000 | 2        | 31     |
| 201  | Wire Grille             | 026 46615 000 | 2        | 31     |
| 202  | Wire Grille             | 026 46616 000 | 14       | 31     |
| 203  | Wire Grille             | 026 46692 000 | 2        | 31     |
| 204  | Wire Grille             | 026 46601 000 | 2        | 31     |
| 205  | Wire Grille             | 026 46600 000 | 2        | 31     |

**FIGURE 31 - WIRE ENCLOSURE KIT COMPONENTS - BOTTOM, MODELS 0308, 0333 AND 0343**

| ITEM | DESCRIPTION             | PART NUMBER   | QUANTITY | FIGURE |
|------|-------------------------|---------------|----------|--------|
| 100  | Angle, Support, Louvers | 075 94066 000 | 10       | 32     |
| 101  | Angle, Support, Louvers | 075 94066 001 | 2        | 32     |
| 102  | Angle, Support, Louvers | 075 94066 002 | 2        | 32     |
| 103  | Angle, Support, Louvers | 075 94066 003 | 2        | 32     |
| 104  | Angle, Support, Louvers | 075 94066 004 | 4        | 32     |
| 105  | Angle, Support, Louvers | 075 94066 005 | 4        | 32     |
| 200  | Wire Grille             | 026 46610 000 | 2        | 32     |
| 201  | Wire Grille             | 026 46615 000 | 2        | 32     |
| 202  | Wire Grille             | 026 46616 000 | 16       | 32     |
| 203  | Wire Grille             | 026 46692 000 | 2        | 32     |
| 204  | Wire Grille             | 026 46601 000 | 2        | 32     |
| 205  | Wire Grille             | 026 46600 000 | 2        | 32     |



**TABLE 41 - LOUVERED ENCLOSURE KITS**

| <b>PIN 54 = X ( NO SELECTION) OR E (ECONOMICAL LOW NOISE KITS)</b> |             |                        |                                                 |                                                    |
|--------------------------------------------------------------------|-------------|------------------------|-------------------------------------------------|----------------------------------------------------|
| <b>MODEL</b>                                                       | <b>FANS</b> | <b>KIT PART NUMBER</b> | <b>TOP SECTION KIT PART NUMBER <sup>1</sup></b> | <b>BOTTOM SECTION KIT PART NUMBER <sup>2</sup></b> |
| 0153/0543                                                          | 8           | 375 93248 000          | 375 93248 001                                   | 375 93248 002                                      |
| 0165/0565<br>0183/0643                                             | 10          | 375 93248 010          | 375 93248 011                                   | 375 93248 012                                      |
| 0178/0588<br>0195/0665<br>0213/0743 thru 0215/0765<br>0233/0843    | 12          | 375 93248 020          | 375 93248 021                                   | 375 93248 022                                      |
| 0198/0688<br>0218/0788<br>0245/0865<br>0263/0943 thru 0275/0965    | 14          | 375 93248 030          | 375 93248 031                                   | 375 93248 032                                      |
| 0200/0700                                                          | 8           | 375 93248 100          | 375 93248 101                                   | 375 93248 102                                      |
| 0248/0888<br>0278/0988 thru 0303/1093<br>0323/1143                 | 16          | 375 93248 040          | 375 93248 041                                   | 375 93248 042                                      |
| 0305/1065 thru 0308/1088<br>0333/1173 thru 0343/1193               | 18          | 392 03481 000          | 392 03481 001                                   | 392 03481 002                                      |
| 0318/1188<br>0345/1215                                             | 20          | 375 93248 060          | 375 93248 061                                   | 375 93248 062                                      |
| <b>PIN 54 = R (LOW NOISE LEVEL 1 KITS)</b>                         |             |                        |                                                 |                                                    |
| <b>MODEL</b>                                                       | <b>FANS</b> | <b>KIT PART NUMBER</b> | <b>TOP SECTION KIT PART NUMBER</b>              | <b>BOTTOM SECTION KIT PART NUMBER</b>              |
| 0153/0543                                                          | 8           | 392 02051 000          | 392 02051 001                                   | 392 02051 002                                      |
| 0165/0565<br>0183/0643                                             | 10          | 392 02039 010          | 392 02039 011                                   | 392 02039 012                                      |
| 0178/0588<br>0215/0765                                             | 12          | 392 02042 020          | 392 02042 021                                   | 392 02042 022                                      |
| 0195/0665<br>0213/0743<br>0233/0843                                | 12          | 392 02039 020          | 392 02039 021                                   | 392 02039 022                                      |
| 0198/0688<br>0263/0943                                             | 14          | 392 02039 030          | 392 02039 031                                   | 392 02039 032                                      |
| 0200/0700                                                          | 8           | 392 02051 100          | 392 02051 101                                   | 392 02051 102                                      |
| 0218/0788                                                          | 14          | 392 02042 030          | 392 02042 031                                   | 392 02042 032                                      |
| 0245/0865                                                          | 14          | 392 03672 030          | 392 03672 031                                   | 392 03672 032                                      |
| 0248/0888<br>0278/0988                                             | 16          | 392 02048 040          | 392 02048 041                                   | 392 02048 042                                      |
| 0273/0963 thru 0275/0965                                           | 14          | 392 02045 030          | 392 02045 031                                   | 392 02045 032                                      |
| 0303/1093                                                          | 16          | 392 04500 040          | 392 04500 041                                   | 392 04500 042                                      |
| 0308/1088<br>0333/1173                                             | 18          | 392 04503 050          | 392 04503 051                                   | 392 04503 052                                      |
| 0343/1193                                                          | 18          | 392 03490 000          | 392 03490 001                                   | 392 03490 002                                      |

Notes: 1. See Table 44 on page 99, Figure 33 on page 101 and Figure 34 on page 102 for Top Section Components.

2. See Table 45 on page 103, Figure 35 on page 105 and Figure 36 on page 106 for Bottom Section Components.

**TABLE 41 - LOUVERED ENCLOSURE KITS (CONT'D)**

| <b>PIN 54 = N (LOW NOISE LEVEL 2 KITS)</b> |             |                        |                                                 |                                                    |
|--------------------------------------------|-------------|------------------------|-------------------------------------------------|----------------------------------------------------|
| <b>MODEL</b>                               | <b>FANS</b> | <b>KIT PART NUMBER</b> | <b>TOP SECTION KIT PART NUMBER <sup>1</sup></b> | <b>BOTTOM SECTION KIT PART NUMBER <sup>2</sup></b> |
| 0153/0543                                  | 8           | 375 93252 000          | 375 93252 001                                   | 375 93252 002                                      |
| 0165/0565<br>0183/0643                     | 10          | 375 93252 010          | 375 93252 011                                   | 375 93252 012                                      |
| 0195/0665<br>0213/0743 thru 0215/0765      | 12          | 392 02036 020          | 392 02036 021                                   | 392 02036 022                                      |
| 0198/0688<br>0263/0943                     | 14          | 392 02038 030          | 392 02038 031                                   | 392 02038 032                                      |
| 0233/0843                                  | 12          | 375 93252 020          | 375 93252 021                                   | 375 93252 022                                      |
| 0273/0963 thru 0275/0965                   | 14          | 375 93252 030          | 375 93252 031                                   | 375 93252 032                                      |

Notes: 1. See Table 44 on page 99, Figure 33 on page 101 and Figure 34 on page 102 for Top Section Components.

2. See Table 45 on page 103, Figure 35 on page 105 and Figure 36 on page 106 for Bottom Section Components.

**TABLE 42 - LOUVERED (CONDENSER ONLY) ENCLOSURE KITS**

| <b>MODEL</b>                                                    | <b>KIT NUMBER<sup>1</sup></b> |
|-----------------------------------------------------------------|-------------------------------|
| 0153/0543                                                       | 375 93248 001                 |
| 0178/0588<br>0195/0665<br>0213/0743 thru 0215/0765<br>0233/0843 | 375 93248 021                 |
| 0183/0643 thru 0165/0565                                        | 375 93248 011                 |
| 0198/0688<br>0218/0788<br>0245/0865<br>0263/0943 thru 0275/0965 | 375 93248 031                 |
| 0200/0700                                                       | 375 93248 101                 |
| 0248/0888<br>0278/0988 thru 0303/1093<br>0323/1143              | 375 93248 041                 |
| 0305/1065 thru 0308/1088<br>0333/1173 thru 0343/1193            | 392 03481 001                 |
| 0318/1188, 0345/1215                                            | 375 93248 061                 |

Note: See Table 44 on page 99, Figure 33 on page 101 and Figure 34 on page 102.

**TABLE 43 - WIRE / LOUVERED ENCLOSURE KITS**

| <b>ECONOMICAL LOW NOISE KITS</b>                                             |             |                        |                                                 |                                                    |
|------------------------------------------------------------------------------|-------------|------------------------|-------------------------------------------------|----------------------------------------------------|
| <b>MODEL</b>                                                                 | <b>FANS</b> | <b>FULL KIT NUMBER</b> | <b>TOP SECTION<br/>PART NUMBER <sup>1</sup></b> | <b>BOTTOM SECTION<br/>PART NUMBER <sup>2</sup></b> |
| 0153/0543                                                                    | 8           | 375 93249 000          | 375 93248 001                                   | 375 93247 002                                      |
| 0165/0565<br>0183/0643                                                       | 10          | 375 93249 010          | 375 93248 011                                   | 375 93247 012                                      |
| 0178/0588<br>0195/0665<br>0213/0743 thru 0215/0765<br>0233/0843              | 12          | 375 93249 020          | 375 93248 021                                   | 375 93247 022                                      |
| 0198/0688<br>0218/0788<br>0245/0865<br>0263/0943<br>0273/0963 thru 0275/0965 | 14          | 375 93249 030          | 375 93248 011                                   | 375 93247 012                                      |
| 0200/0700                                                                    | 8           | 375 93249 100          | 375 93248 101                                   | 375 93247 102                                      |
| 0248/0888<br>0278/0988<br>0295/1015<br>0303/1093<br>0323/1143                | 16          | 375 93249 040          | 375 93248 041                                   | 375 93247 042                                      |
| 0305/1065 thru 0308<br>0333/1173 thru 0343/1193                              | 18          | 392 03489 000          | 392 03481 001                                   | 392 03482 002                                      |
| 0318/1188<br>0345/1215                                                       | 20          | 375 93249 060          | 375 93248 061                                   | 375 93247 062                                      |
| <b>LOW NOISE LEVEL 1 KITS</b>                                                |             |                        |                                                 |                                                    |
| <b>MODEL</b>                                                                 | <b>FANS</b> | <b>FULL KIT NUMBER</b> | <b>TOP SECTION<br/>PART NUMBER <sup>1</sup></b> | <b>BOTTOM SECTION<br/>PART NUMBER <sup>2</sup></b> |
| 0153/0543                                                                    | 8           | 392 02053 000          | 392 02051 001                                   | 392 02052 002                                      |
| 0165/0565<br>0183/0643<br>0195/0665                                          | 10, 12      | 392 02041 010          | 392 02039 011                                   | 392 02040 012                                      |
| 0178/0588<br>0215/0765                                                       | 12          | 392 02044 020          | 392 02042 021                                   | 392 02043 022                                      |
| 0198/0688<br>0263/0943                                                       | 14          | 392 02041 030          | 392 02039 031                                   | 392 02040 032                                      |
| 0200/0700                                                                    | 8           | 392 02053 100          | 392 02051 101                                   | 392 02052 102                                      |
| 0213/0743<br>0233/0843                                                       | 12          | 392 02041 020          | 392 02039 021                                   | 392 02040 022                                      |
| 0218/0788                                                                    | 14          | 392 02044 030          | 392 02042 031                                   | 392 02043 032                                      |
| 0245/0865                                                                    | 14          | 392 03674 030          | 392 03672 031                                   | 392 03673 032                                      |
| 0248/0888<br>0278/0988                                                       | 16          | 392 02050 040          | 392 02048 041                                   | 392 02049 042                                      |
| 0273/0963 thru 0275/0965                                                     | 14          | 392 02047 030          | 392 02045 031                                   | 392 02046 032                                      |

Notes: 1. See Table 44 on page 99, Figure 33 on page 101 and Figure 34 on page 102 for Top Section Components

2. See Table 45 on page 103, Figure 35 on page 105 and Figure 36 on page 106 for Bottom Section Components

**TABLE 44 - LOUVERED AND WIRE/LOUVERED ENCLOSURE KIT COMPONENTS - TOP**

| ITEM | MODEL                                                                                                                 | FANS                | DESCRIPTION              | PART NUMBER   | QUANTITY | FIGURE |
|------|-----------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------|---------------|----------|--------|
| 100  | ALL                                                                                                                   | ALL                 | Panel, Enclosure         | 075 93275 001 | 2        | 33, 34 |
| 101  | ALL                                                                                                                   | ALL                 | Panel, Enclosure         | 075 93275 004 | 1        | 33, 34 |
| 102  | 0153/0543<br>0200/0700                                                                                                | 8                   | Panel, Enclosure         | 075 93275 002 | 4        | 33     |
|      | 0165/0565<br>0183/0643                                                                                                | 10                  |                          |               | 6        | 34     |
|      | 0178/0588<br>0195/0665<br>0213/0743 thru 0215/0765<br>0233/0843                                                       | 12                  |                          |               | 8        | 34     |
|      | 0198/0688<br>0218/0788<br>0245/0865<br>0263/0943 thru 0275/0965                                                       | 14                  |                          |               | 10       | 34     |
|      | 0248/0888<br>0278/0988 thru 0303/1093<br>0323/1143                                                                    | 16                  |                          |               | 12       | 34     |
|      | 0305/1065 thru 0308/1088<br>0333/1173 thru 0343/1193                                                                  | 18                  |                          |               | 14       | 34     |
|      | 0318/1188<br>0345/1215                                                                                                | 20                  |                          |               | 16       | 34     |
| 103  | ALL                                                                                                                   | ALL                 | Panel, Enclosure         | 075 93275 003 | 1        | 33, 34 |
| 104  | ALL                                                                                                                   | ALL                 | Panel, Enclosure         | 075 93275 006 | 1        | 33, 34 |
| 105  | ALL                                                                                                                   | ALL                 | Panel, Enclosure         | 075 93275 005 | 1        | 33, 34 |
| 106  | ALL                                                                                                                   | ALL                 | Panel, Enclosure         | 075 93275 007 | 1        | 33, 34 |
| 107  | ALL                                                                                                                   | 8                   | Panel, Enclosure         | 075 93275 008 | 1        | 33, 34 |
| 108  | ALL                                                                                                                   | ALL                 | Rail Support             | 075 84415 000 | 1        | 33, 34 |
| 109  | ALL                                                                                                                   | ALL                 | Panel Cover, Wiring Tray | 075 79567 001 | 1        | 33, 34 |
| 110  | ALL                                                                                                                   | ALL                 | Panel Cover, Wiring Tray | 075 79568 001 | 1        | 33, 34 |
| 111  | 0165/0565 thru 0195/0665<br>0213/0743 thru 0215/0765<br>0233/0843                                                     | 10, 12              | Panel Cover, Wiring Tray | 075 79569 001 | 2        | 34     |
|      | 0198/0688<br>0218/0788<br>0245/0865 thru 0343/1193                                                                    | 14, 16, 18          |                          |               | 4        | 34     |
|      | 0318/1188<br>0345/1215                                                                                                | 20                  |                          |               | 6        | 34     |
| 112  | 0305/1065 thru 0308/1088<br>0333/1173 thru 0343/1193                                                                  | 18                  | Panel Cover, Wiring Tray | 075 79570 020 | 2        | 34     |
| 113  | 0153/0543<br>0178/0588<br>0195/0665<br>0200/0700 thru 0215/0765<br>0233/0843<br>0248/0888<br>0278/0988 thru 0345/1215 | 8, 12 16,<br>18, 20 | Panel Cover, Wiring Tray | 075 79570 003 | 1        | 33, 34 |

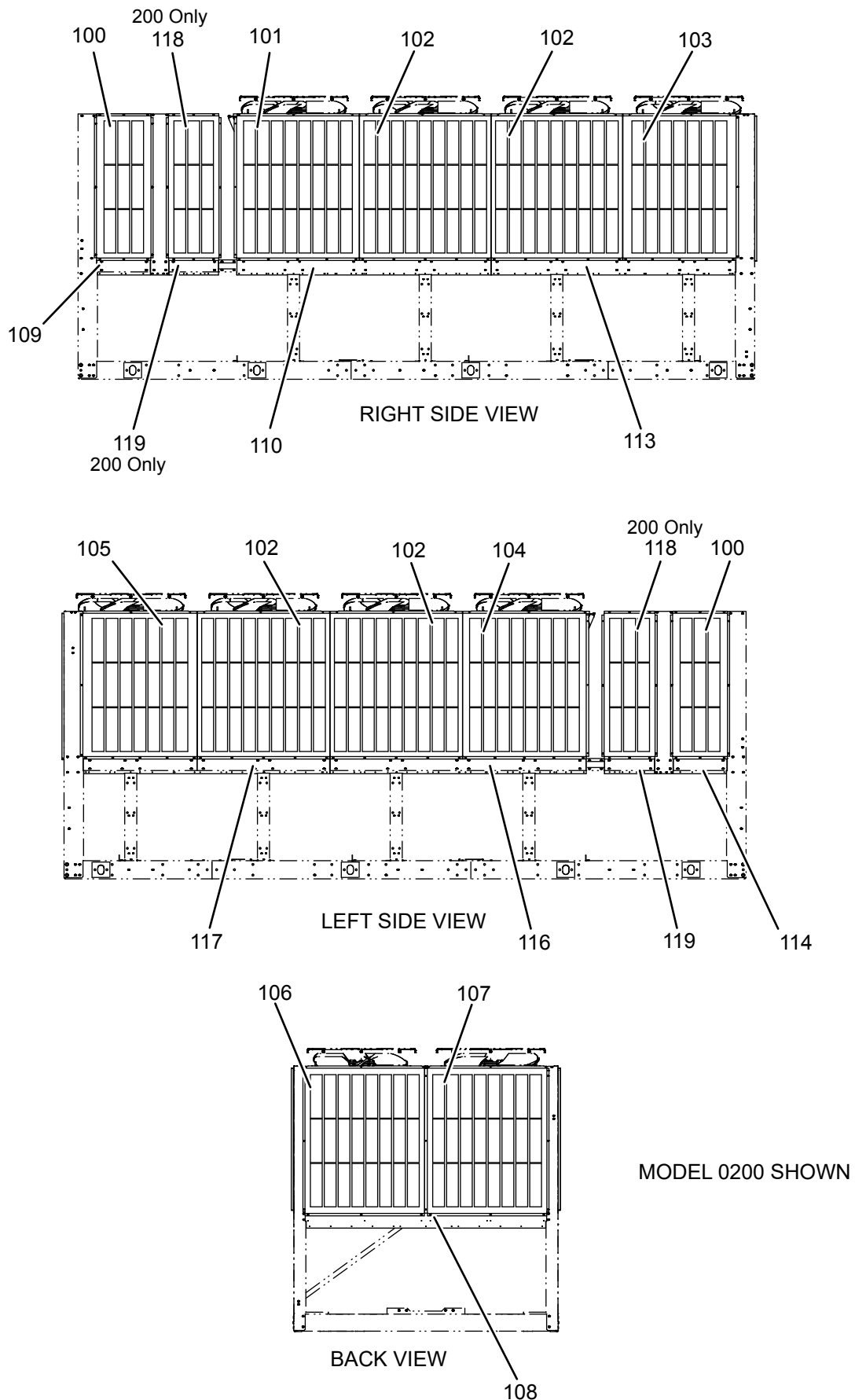
Note: See Figure 33 on page 101 for models 0153 and 0200. See Figure 34 on page 102 for all other models.

**TABLE 44 - LOUVERED AND WIRE/LOUVERED ENCLOSURE KIT COMPONENTS - TOP (CONT'D)**

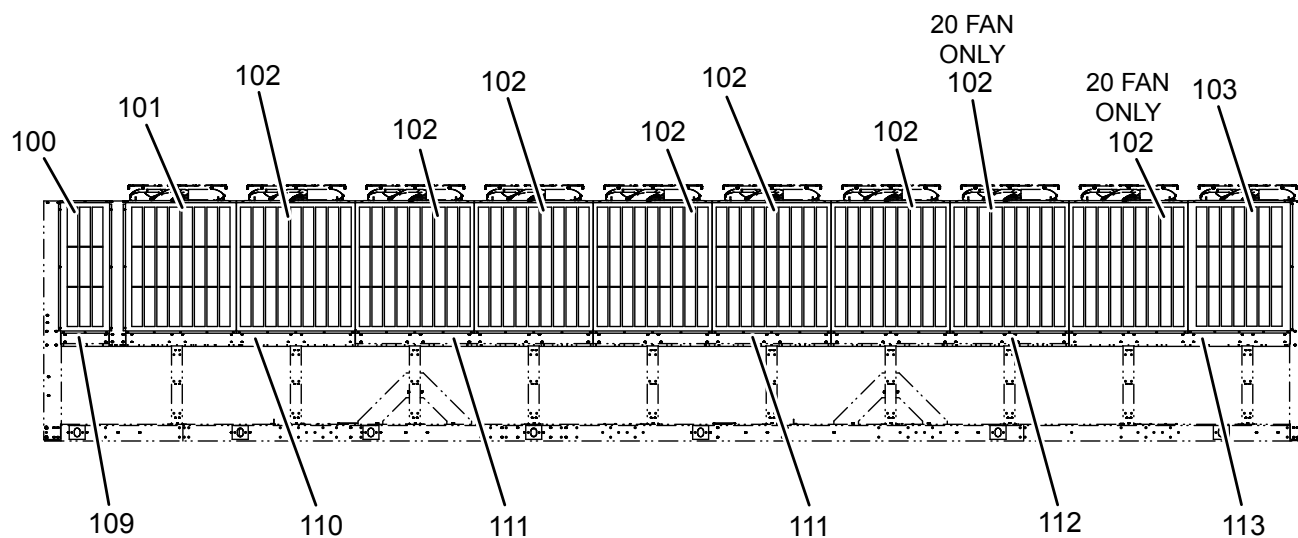
| ITEM       | MODEL                                                                                                                                                          | FANS                  | DESCRIPTION              | PART NUMBER   | QUANTITY | FIGURE |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------|---------------|----------|--------|
| <b>113</b> | 0165/0565                                                                                                                                                      | 10, 14                | Panel Cover, Wiring Tray | 075 79570 001 | 1        | 34     |
|            | 0183/0643                                                                                                                                                      |                       |                          |               |          |        |
|            | 0198/0688                                                                                                                                                      |                       |                          |               |          |        |
|            | 0218/0788                                                                                                                                                      |                       |                          |               |          |        |
|            | 0245/0865                                                                                                                                                      |                       |                          |               |          |        |
|            | 0263/0943 thru 0275/0965                                                                                                                                       |                       |                          |               |          |        |
| <b>114</b> | ALL                                                                                                                                                            | ALL                   | Panel Cover, Wiring Tray | 075 79567 002 | 1        | 33, 34 |
| <b>115</b> | ALL EXCEPT 0153/0543,<br>0200/0700                                                                                                                             | 10, 12, 14,<br>16, 20 | Panel Cover, Wiring Tray | 075 79568 002 | 1        | 34     |
| <b>116</b> | 0153/0543<br>0200/0700                                                                                                                                         | 8                     | Panel Cover, Wiring Tray | 075 79568 002 | 1        | 33     |
|            | 0305/1065 thru 0308/1088<br>0333/1173 thru 0343/1193                                                                                                           | 18                    | Panel Cover, Wiring Tray | 075 79570 004 | 1        | 34     |
| <b>117</b> | 0153/0543<br>0178/0588<br>0195/0665<br>0200/0700 thru 0215/0765<br>0233/0843<br>0248/0888<br>0278/0988 thru 0303/1093<br>0318/1188 thru 0323/1143<br>0345/1215 | 8, 12, 16,<br>20      | Panel Cover, Wiring Tray | 075 79570 004 | 1        | 33, 34 |
|            | 0165/0565<br>0183/0643<br>0198/0688<br>0218/0788<br>0245/0865<br>0263/0943 thru 0275/0965                                                                      | 10, 14                | Panel Cover, Wiring Tray | 075 79570 002 | 1        | 34     |
| <b>118</b> | 0200/0700                                                                                                                                                      | 8                     | Panel, Enclosure         | 075 93275 036 | 2        | 33     |
| <b>119</b> | 0200/0700                                                                                                                                                      | 8                     | Panel Cover, Wiring Tray | 075 94088 001 | 2        | 33     |

Note: See Figure 33 on page 101 for models 0153 and 0200. See Figure 34 on page 102 for all other models.

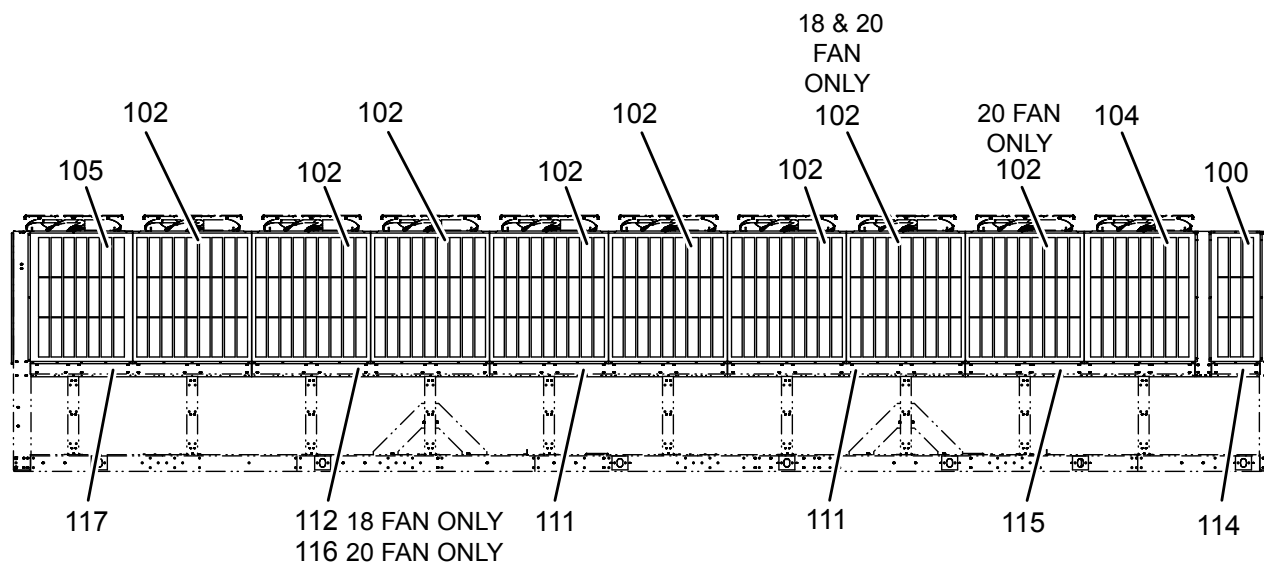




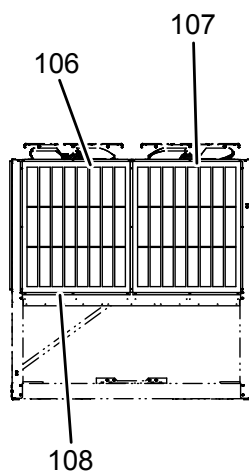
**FIGURE 33 - LOUVERED ENCLOSURE KIT COMPONENTS - TOP, MODELS 0153 AND 0200**



RIGHT SIDE VIEW



LEFT SIDE VIEW



BACK VIEW

MODEL 0345 SHOWN

LD16161

**FIGURE 34 - LOUVERED ENCLOSURE KIT COMPONENTS - TOP, ALL MODELS EXCEPT 0153 AND 0200**

**TABLE 45 - LOUVERED AND WIRE/LOUVERED ENCLOSURE KIT COMPONENTS - BOTTOM**

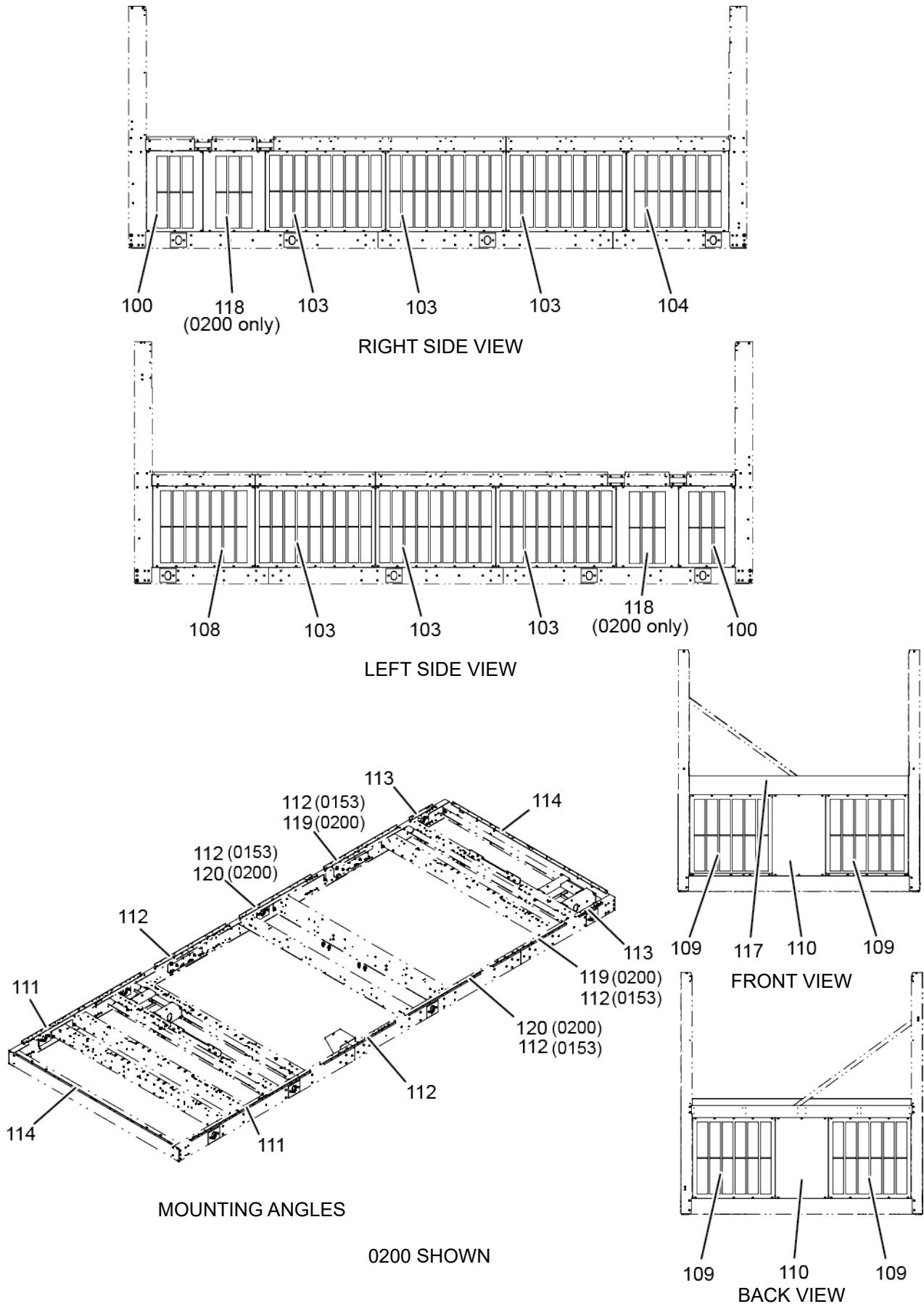
| ITEM | MODEL                                                                                                    | FANS                   | DESCRIPTION      | PART NUMBER   | QUANTITY | FIGURE |
|------|----------------------------------------------------------------------------------------------------------|------------------------|------------------|---------------|----------|--------|
| 100  | ALL                                                                                                      | ALL                    | Panel, Enclosure | 075 93275 012 | 2        | 35, 36 |
| 101  | All except 0153/0543 and 0200/0700                                                                       | 10, 12, 14, 16, 18, 20 | Panel, Enclosure | 075 93275 031 | 4        | 36     |
| 103  | 0153/0543<br>0178/0588<br>0195/0665<br>0200/0700 thru 0215/0765<br>0233/0843                             | 8, 12                  | Panel, Enclosure | 075 93275 010 | 6        | 35     |
| 103  | 0165/0565<br>0183/0643                                                                                   | 10                     | Panel, Enclosure | 075 93275 010 | 4        | 36     |
| 103  | 0198/0688<br>0218/0788<br>0245/0865<br>0263/0943 thru 0275/0965                                          | 14                     | Panel, Enclosure | 075 93275 010 | 8        | 36     |
| 103  | 0248/0888<br>0278/0988 thru 0303/1093<br>0323/1143                                                       | 16                     | Panel, Enclosure | 075 93275 010 | 10       | 36     |
| 103  | 0305/1065 thru 0308/1088<br>0333/1173 thru 0343/1193                                                     | 18                     | Panel, Enclosure | 075 93275 010 | 12       | 36     |
| 103  | 0318/1188<br>0345/1215                                                                                   | 20                     | Panel, Enclosure | 075 93275 010 | 14       | 36     |
| 104  | all                                                                                                      | all                    | Panel, Enclosure | 075 93275 034 | 1        | 35, 36 |
| 106  | All except 0153/0543 and 0200/0700                                                                       | 10, 12, 14, 16, 18, 20 | Panel, Enclosure | 075 93275 029 | 4        | 36     |
| 108  | all                                                                                                      | all                    | Panel, Enclosure | 075 93275 035 | 1        | 35, 36 |
| 109  | all                                                                                                      | all                    | Panel, Enclosure | 075 93275 030 | 4        | 35, 36 |
| 110  | all                                                                                                      | all                    | Panel, Enclosure | 075 93275 032 | 2        | 35, 36 |
| 111  | 0200/0700                                                                                                | 8                      | Angle, Support   | 075 94066 007 | 2        | 35     |
| 111  | All except 0200/0700                                                                                     | all                    | Angle, Support   | 075 94066 001 | 2        | 35, 36 |
| 112  | 0153/0543                                                                                                | 8                      | Angle, Support   | 075 94066 006 | 6        | 35     |
| 112  | 0165/0565<br>0183/0643                                                                                   | 10                     | Angle, Support   | 075 94066 006 | 8        | 36     |
| 112  | 0178/0588<br>0195/0665<br>0213/0743 thru 0215/0765<br>0233/0843<br>0248/0888<br>0278/0988 thru 0343/1193 | 12, 16, 18             | Angle, Support   | 075 94066 000 | 6        | 36     |
| 112  | 0198/0688<br>0218/0788<br>0245/0865<br>0263/0943 thru 0275/0965                                          | 14                     | Angle, Support   | 075 94066 000 | 8        | 36     |
| 112  | 0200/0700                                                                                                | 8                      | Angle, Support   | 075 94066 008 | 2        | 35     |
| 112  | 0318/1188<br>0345/1215                                                                                   | 20                     | Angle, Support   | 075 94066 000 | 10       | 36     |
| 113  | 0200/0700                                                                                                | 8                      | Angle, Support   | 075 94066 010 | 2        | 35     |

Note: See Figure 35 on page 105 for models 0153 and 0200. See Figure 36 on page 106 for all other models.

**TABLE 45 - LOUVERED AND WIRE/LOUVERED ENCLOSURE KIT COMPONENTS - BOTTOM (CONT'D)**

| ITEM | MODEL                                                                                         | FANS   | DESCRIPTION      | PART NUMBER   | QUANTITY | FIGURE |
|------|-----------------------------------------------------------------------------------------------|--------|------------------|---------------|----------|--------|
| 113  | All except 0200/0700                                                                          | all    | Angle, Support   | 075 94066 002 | 2        | 36     |
| 114  | all                                                                                           | all    | Angle, Support   | 075 94066 003 | 2        | 35, 36 |
| 115  | 0178/0588<br>0195/0665 thru 0198/0665<br>0213/0743 thru 0245/0865<br>0263/0943 thru 0275/0965 | 12, 14 | Angle, Support   | 075 94066 004 | 2        | 36     |
| 115  | 0248/0888<br>0278/0988 thru 0303/1093<br>0323/1143<br>0318/1188<br>0345/1215                  | 16, 20 | Angle, Support   | 075 94066 004 | 4        | 36     |
| 115  | 0305/1065 thru 0308/1088<br>0333/1173 thru 0343/1193                                          | 18     | Angle, Support   | 075 94066 004 | 5        | 36     |
| 116  | 0178/0588<br>0195/0665 thru 0198/0688<br>0213/0743 thru 0245/0865<br>0263/0943 thru 0275/0965 | 12, 14 | Angle, Support   | 075 94066 005 | 2        | 36     |
| 116  | 0248/0888<br>0278/0988 thru 0303/1093<br>0323/1143<br>0318/1188<br>0345/1215                  | 16, 20 | Angle, Support   | 075 94066 005 | 4        | 36     |
| 116  | 0305/1065 thru 0308/1088<br>0333/1173 thru 0343/1193                                          | 18     | Angle, Support   | 075 94066 005 | 5        | 36     |
| 116  | 0318/1188<br>0345/1215                                                                        | 20     | Angle, Support   | 075 94066 005 | 4        | 36     |
| 117  | all                                                                                           | ALL    | Rail, Support    | 075 84415 001 | 1        | 35, 36 |
| 118  | 0200/0700                                                                                     | 8      | Panel, Enclosure | 075 93275 037 | 2        | 35     |
| 119  | 0200/0700                                                                                     | 8      | Angle, Support   | 075 94066 009 | 2        | 35     |
| 120  | 0200/0700                                                                                     | 8      | Angle, Support   | 075 94066 011 | 2        | 35     |

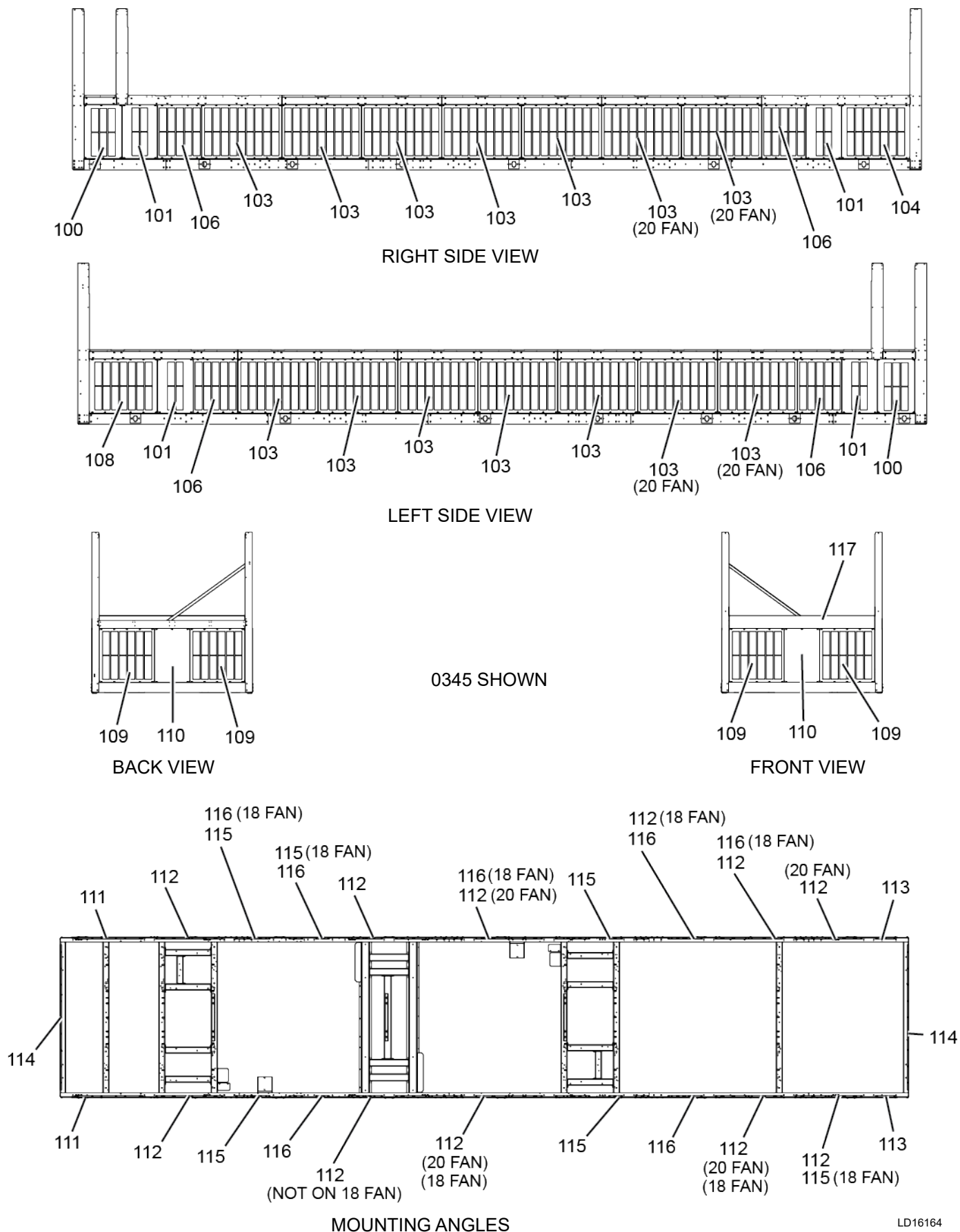
Note: See Figure 35 on page 105 for models 0153 and 0200. See Figure 36 on page 106 for all other models.



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**FIGURE 35 - LOUVERED ENCLOSURE KIT COMPONENTS - BOTTOM, MODELS 0153 AND 0200**

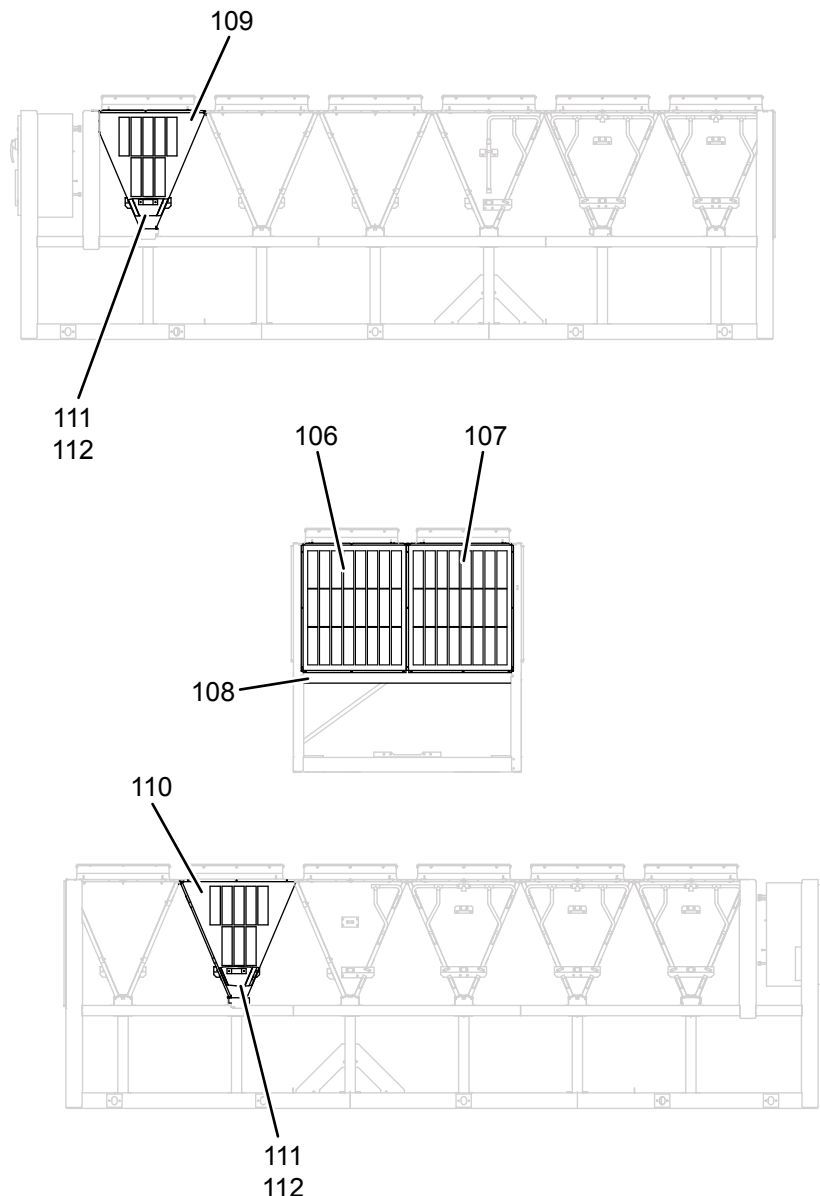
LD16163



**FIGURE 36 - LOUVERED ENCLOSURE KIT COMPONENTS - BOTTOM, ALL MODELS EXCEPT 0153 AND 0200**

**TABLE 46 - END LOUVER (HAIL GUARD) PANEL ENCLOSURE KIT AND COMPONENTS**

| ITEM       | MODEL                    | DESCRIPTION                                 | PART NUMBER   | QTY | FIGURE |
|------------|--------------------------|---------------------------------------------|---------------|-----|--------|
| ---        | 0153/0543 thru 0278/0988 | End Louver (Hail Guard) Panel Enclosure Kit | 375 93243 000 | --- | ---    |
| ---        | 0295/1015 thru 0345/1215 | End Louver (Hail Guard) Panel Enclosure Kit | 375 93243 001 | --- | ---    |
| <b>106</b> | all                      | Panel, Enclosure                            | 075 93275 007 | 1   | 37     |
| <b>107</b> | all                      | Panel, Enclosure                            | 075 93275 008 | 1   | 37     |
| <b>108</b> | all                      | Rail, Support                               | 075 84415 000 | 1   | 37     |
| <b>109</b> | all                      | V-Panel, Louvers                            | 075 94038 005 | 1   | 37     |
| <b>110</b> | 0153/0543 thru 0278/0988 | V-Panel, Louvers                            | 075 94038 006 | 1   | 37     |
| <b>110</b> | 0295/1015 thru 0345/1215 | V-Panel, Louvers                            | 075 94038 006 | 2   | 37     |
| <b>111</b> | 0153/0543 thru 0278/0988 | Gasket, Neoprene, 1/2 X 1 X Roll            | 028 11838 000 | 2   | 37     |
| <b>111</b> | 0295/1015 thru 0345/1215 | Gasket, Neoprene, 1/2 X 1 X Roll            | 028 11838 000 | 3   | 37     |
| <b>112</b> | 0153/0543 thru 0278/0988 | Bracket                                     | 075 94037 000 | 2   | 37     |
| <b>112</b> | 0295/1015 thru 0345/1215 | Bracket                                     | 075 94037 000 | 3   | 37     |



**FIGURE 37 - END LOUVER (HAIL GUARD) PANEL ENCLOSURE KIT COMPONENTS**

**TABLE 47 - V-GUARD PANEL ENCLOSURE KITS (ASSEMBLY)**

| MODEL                                              | FANS | PART NUMBER   |                        |
|----------------------------------------------------|------|---------------|------------------------|
|                                                    |      | V-GUARD ONLY  | V-GUARD AND HAIL GUARD |
| 0153/0543<br>0200/0700                             | 8    | 375 94046 001 | 375 94046 101          |
| 0165/0565<br>0183/0643                             | 10   | 375 94046 002 | 375 94046 102          |
| 0178/0588<br>0195/0665<br>0213/0743 thru 0215/0765 | 12   | 375 94046 003 | 375 94046 103          |
| 0198/0688<br>0273/0963                             | 14   | 375 94046 010 | 375 94046 110          |
| 0233/0843                                          | 12   | 375 94046 004 | 375 94046 104          |
| 0218/0788<br>0245/0865<br>0263/0943<br>0275/0965   | 14   | 375 94046 005 | 375 94046 105          |
| 0278/0988                                          | 16   | 375 94046 006 | 375 94046 106          |
| 0248/0888<br>0323/1143                             | 16   | 375 94046 007 | 375 94046 107          |
| 0295/1015 thru 0303/1093                           | 16   | 375 94046 012 | 375 94046 112          |
| 0305/1065 thru 0308/1088                           | 18   | 375 94046 011 | 375 94046 111          |
| 0318/1188<br>0345/1215                             | 20   | 375 94046 008 | 375 94046 108          |
| 0333/1173 thru 0343/1193                           | 18   | 375 94046 009 | 375 94046 109          |

1. See Table 48 on page 109 and Figure 38 on page 110 for V-Guard Kits.
2. See Table 50 on page 111 and Figure 39 on page 112 for V-Guard components



**TABLE 48 - V-GUARD KITS**

| ITEM | MODEL                                                                                                      | PART NUMBER                | DESCRIPTION | QUANTITY | FIGURE |
|------|------------------------------------------------------------------------------------------------------------|----------------------------|-------------|----------|--------|
| 1    | all                                                                                                        | 375 94041 001 <sup>2</sup> | V-Guard Kit | 1        | 38     |
|      | all                                                                                                        | 375 94041 006 <sup>3</sup> | V-Guard Kit | 1        | 38     |
| 2    | 0153/0543<br>0200/0700                                                                                     | 375 94041 002              | V-Guard Kit | 1        | 38     |
|      | 0165/0565<br>0183/0643<br>0233/0843                                                                        |                            |             | 2        |        |
|      | 0178/0588<br>0195/0665<br>0213/0743 thru 0218/0788<br>0245/0865<br>0263/0943<br>0275/0965, 0303/1093       |                            |             | 3        |        |
|      | 0198/0688<br>0248/0888<br>0273/0963<br>0323/1143<br>0333/1173 thru 0343/1193                               |                            |             | 4        |        |
|      | 0278/0988<br>0305/1065 thru 0308/1088                                                                      |                            |             | 5        |        |
|      | 0318/1188<br>0345/1215                                                                                     |                            |             | 6        |        |
|      | 0218/0788 thru 0245/0865<br>0263/0943<br>0275/0965<br>0295/1015 thru 0303/1093<br>0333/1173 thru 0343/1193 |                            |             | 1        |        |
|      |                                                                                                            |                            |             |          |        |
| 3    |                                                                                                            | 375 94041 003              | V-Guard Kit | 1        | 38     |
| 4    | all                                                                                                        | 375 94041 004 <sup>2</sup> | V-Guard Kit | 1        | 38     |
|      | 0153/0543 thru 0245/0865<br>0263/0943 thru 0275/0965                                                       | 375 94041 007 <sup>3</sup> | V-Guard Kit | 1        |        |
| 5    | all                                                                                                        | 375 94041 005              | V-Guard Kit | 1        | 38     |

Notes: 1. V-Guard Kits used on both V-guard only and V-guard plus Hail Guard assemblies except as noted.

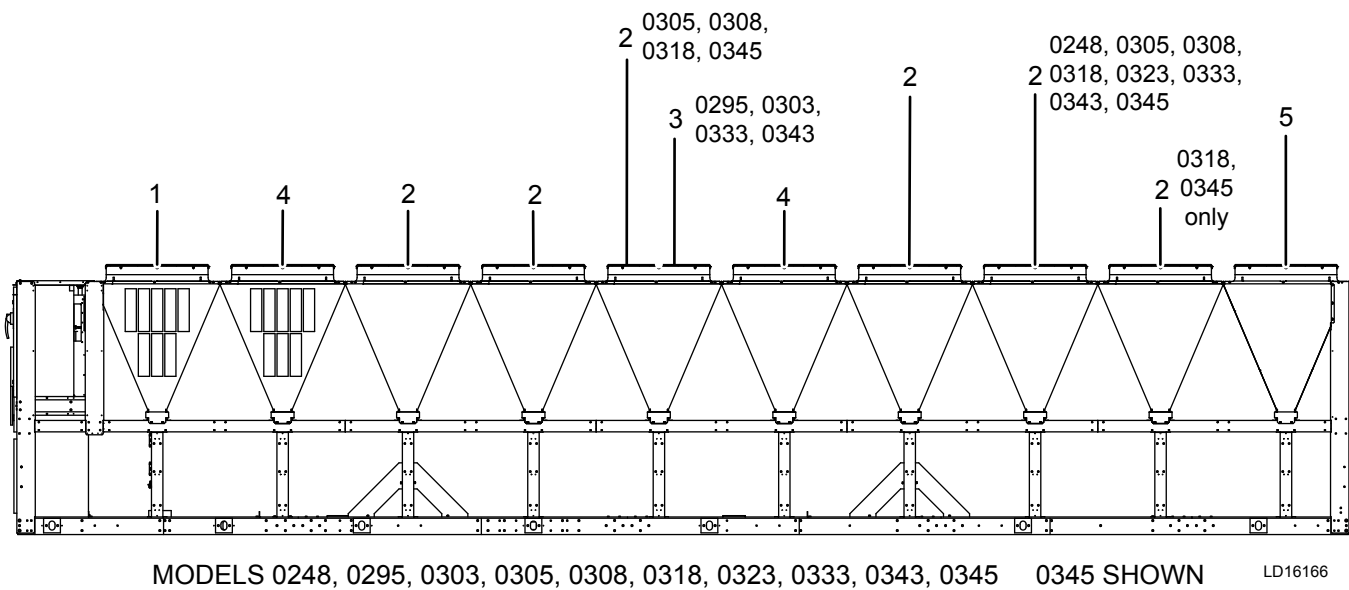
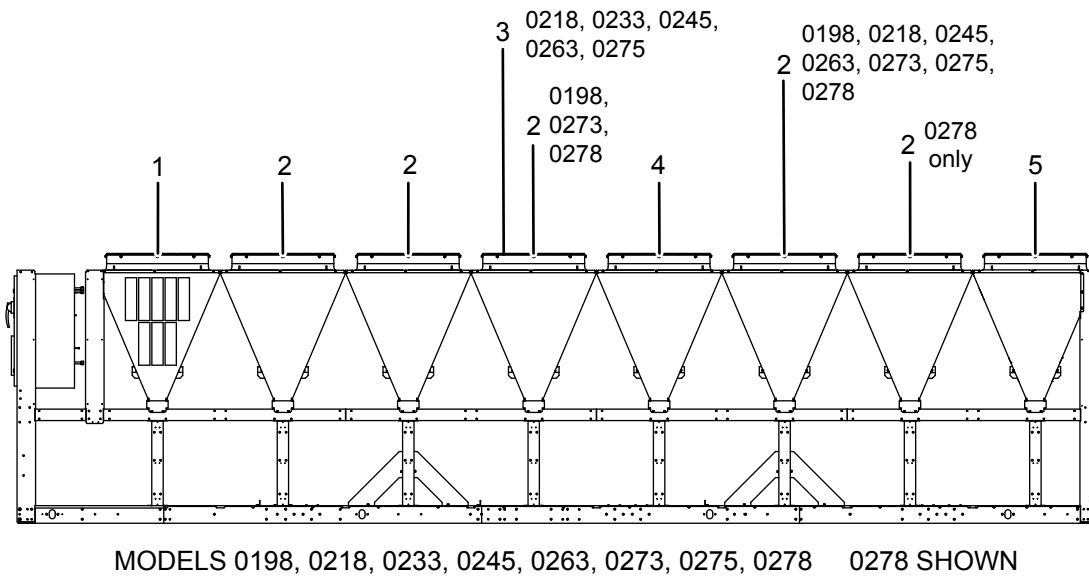
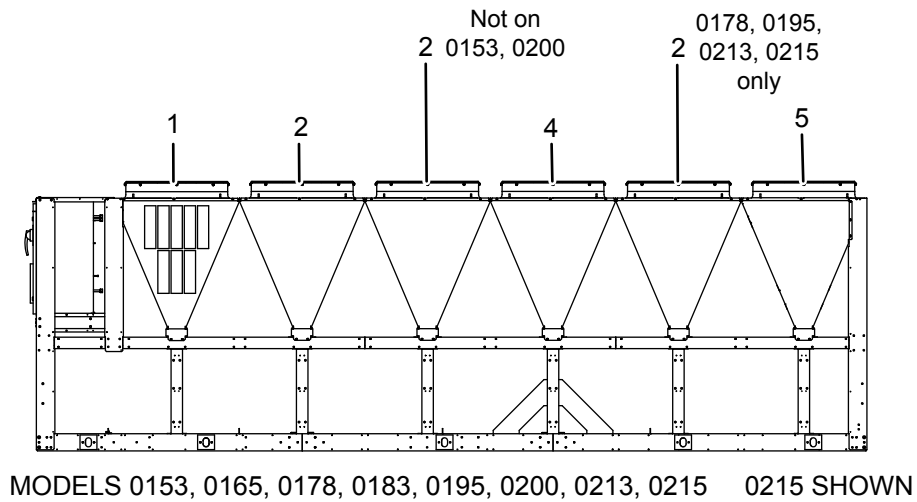
2. Used on V-guard assemblies only.

3. Used on V-guard plus Hail Guard assemblies only.

**TABLE 49 - HAIL GUARD**

| ITEM | MODEL | PART NUMBER   | DESCRIPTION | QUANTITY |
|------|-------|---------------|-------------|----------|
| 2*   | all   | 075 93252 000 | Hail Guard  | 1        |

Note: \* Not shown.



LD16166

**FIGURE 38 - V-GUARD PANEL ENCLOSURE KITS**

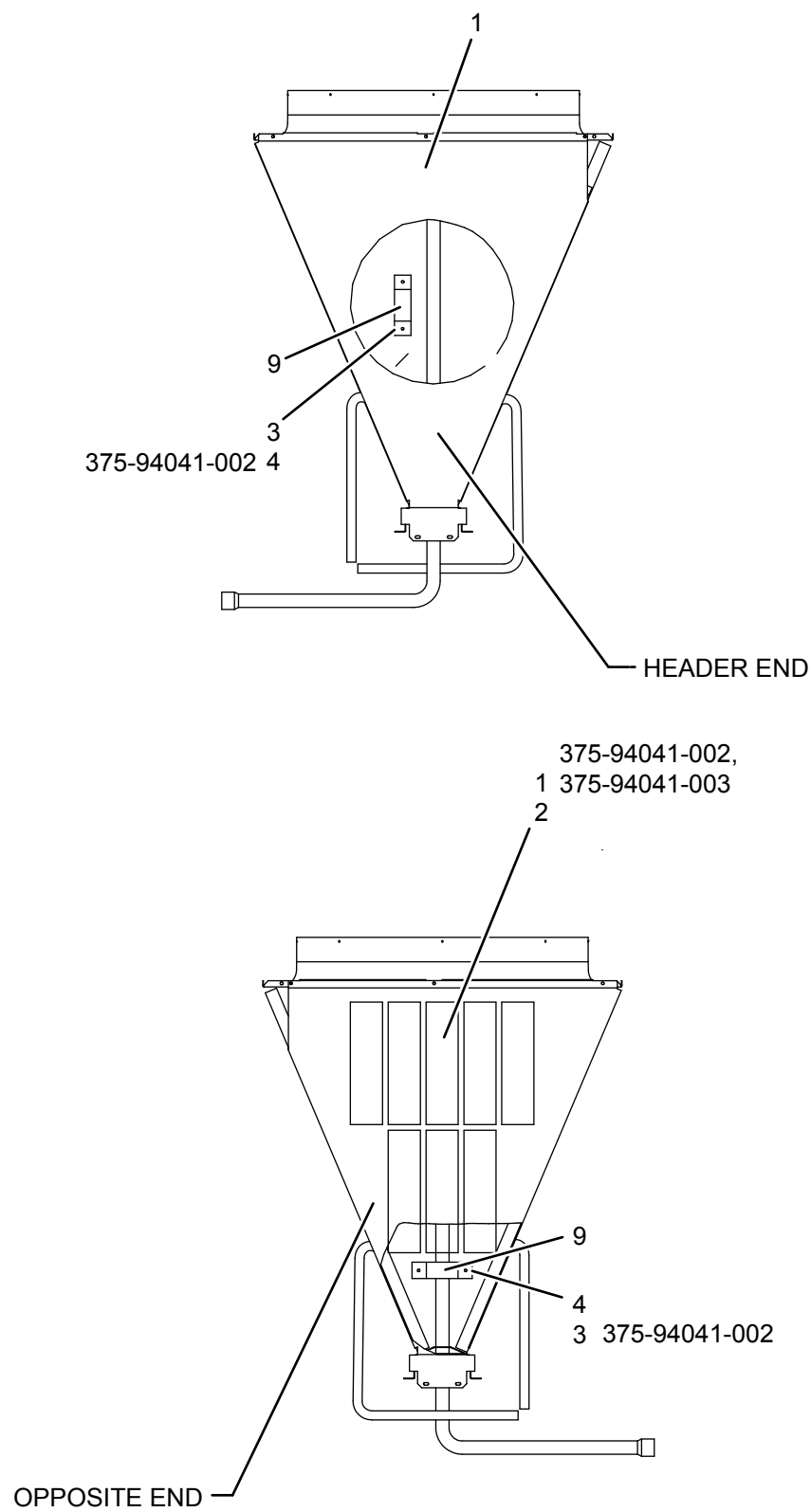
**TABLE 50 - V-GUARD PANEL ENCLOSURE KIT COMPONENTS**

| ITEM | MODEL                                                | FANS           | V-GUARD KIT                                              | DESCRIPTION                           | PART NUMBER   | QTY | FIGURE |
|------|------------------------------------------------------|----------------|----------------------------------------------------------|---------------------------------------|---------------|-----|--------|
| 1    | 0153/0543 thru 0245/0865<br>0263/0943 thru 0278/0988 | 8, 16, 18      | 375 94041 004                                            | V-Panel,<br>Louvers                   | 075 94038 006 | 1   | 39     |
|      | 0218/0788 thru 0245/0865<br>0263/0943<br>0275/0965   | 12, 14, 16, 18 | 375 94041 003                                            | Aesthetic<br>V-Panel                  | 075 94038 000 | 2   |        |
|      | 0295/1015 thru 0303/1093<br>0333/1173 thru 0343/1193 |                |                                                          |                                       |               |     |        |
|      | all                                                  | all            | 375 94041 002                                            | Aesthetic<br>V-Panel                  | 075 94038 000 | 2   |        |
|      |                                                      |                | 375 94041 001 <sup>2</sup>                               |                                       | 075 94038 001 | 1   |        |
|      |                                                      |                | 375 94041 006 <sup>3</sup>                               |                                       | 075 94038 004 | 1   |        |
| 2    | 0153/0543 thru 0245/0865<br>0263/0943 thru 0278/0988 | 8, 16, 18      | 375 94041 004 <sup>2</sup><br>375 94041 007 <sup>3</sup> | Aesthetic<br>V-Panel                  | 075 94038 000 | 1   | 39     |
|      | all                                                  | all            | 375 94041 005                                            | Aesthetic<br>V-Panel                  | 075 94038 003 | 1   |        |
|      |                                                      |                | 375 94041 001                                            | V-Panel,<br>Louvers                   | 075 94038 005 | 1   |        |
| 3    | 0153/0543 thru 0245/0865<br>0263/0943 thru 0278/0988 | 8, 16, 18      | 375 94041 004                                            | Bracket                               | 075 94037 000 | 1   | 39     |
|      | 0218/0788 thru 0245/0865<br>0263/0943<br>0275/0965   | 12, 14, 16, 18 | 375 94041 003                                            |                                       | 075 94037 002 | 1   |        |
|      | 0295/1015 thru 0303/1093<br>0333/1173 thru 0343/1193 |                |                                                          |                                       |               |     |        |
|      | all                                                  | all            | 375 94041 005                                            |                                       | 075 94037 000 | 1   |        |
|      |                                                      |                | 375 94041 001 <sup>2</sup>                               |                                       | 075 94037 001 | 1   |        |
|      |                                                      |                | 375 94041 006 <sup>3</sup>                               |                                       | 075 94037 001 | 1   |        |
| 4    | 0153/0543 thru 0245/0865<br>0263/0943 thru 0278/0988 | 8, 16, 18      | 375 94041 004 <sup>2</sup><br>375 94041 007 <sup>3</sup> | Bracket                               | 075 94037 001 | 1   | 39     |
|      | 0218/0788 thru 0245/0865<br>0263/0943<br>0275/0965   | 12, 14, 16, 18 | 375 94041 003                                            | Bracket                               | 075 94037 001 | 1   |        |
|      | 0295/1015 thru 0303/1093<br>0333/1173 thru 0343/1193 |                |                                                          |                                       |               |     |        |
|      | all                                                  | all            | 375 94041 001                                            | Bracket                               | 075 94037 000 | 1   |        |
|      |                                                      |                | 375 94041 002                                            |                                       | 075 94037 000 | 1   |        |
|      |                                                      |                | 375 94041 005                                            |                                       | 075 94037 001 | 1   |        |
| 9    | all                                                  | all            | all                                                      | Gasket,<br>Neoprene 1/2 X<br>1 X Roll | 028 11838 000 | 2   | 39     |

Notes: 1. V-Guard components used on both V-guard only and V-guard plus Hail Guard assemblies except as noted.

2. Used on V-guard only assemblies.

3. Used on V-guard plus Hail Guard assemblies.



LD16167

**TYPICAL V-GUARD PANEL ENCLOSURE KIT  
375-94041-001 SHOWN**

**FIGURE 39 - V-GUARD PANEL ENCLOSURE KIT COMPONENTS**

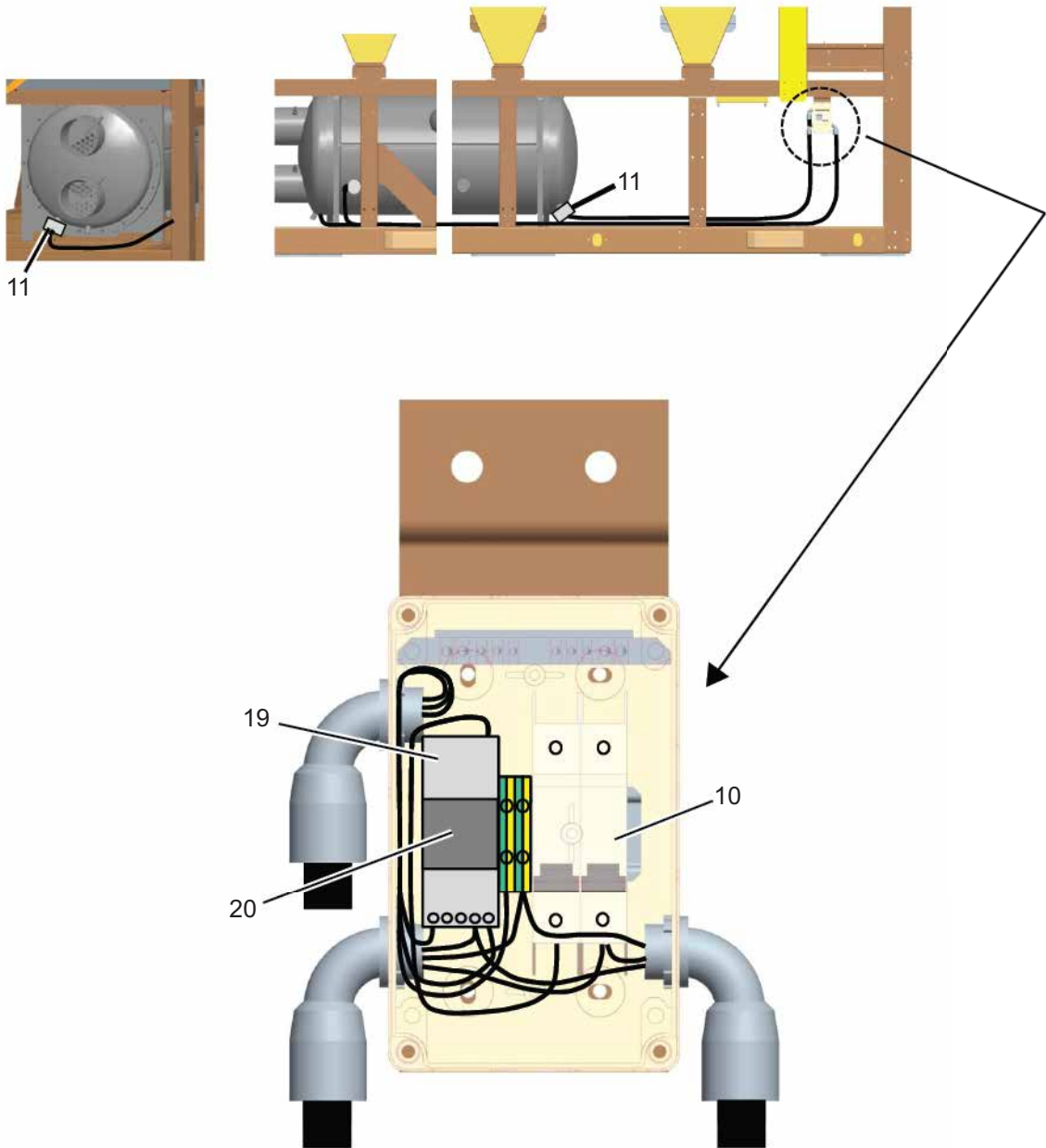
**TABLE 51 - EVAPORATOR WATER BOX HEATER KITS**

| MODEL                                                                            | KIT PART NUMBER             |               |
|----------------------------------------------------------------------------------|-----------------------------|---------------|
|                                                                                  | 200, 230, 380, 460 AND 575V | 380 415V 50HZ |
| 0153/0543                                                                        | 375 94414 001               | 375 94414 002 |
| 0165/0565<br>0198/0688<br>0233/0843<br>0263/0943                                 | 375 94414 003               | 375 94414 004 |
| 0178/0588<br>0218/0788<br>0248/0888<br>0303/1093 thru 0305/1065<br>0333/1173     | 375 94414 005               | 375 94414 006 |
| 0183/0643 thru 0195/0665<br>0213/0743                                            | 375 94414 007               | 375 94414 008 |
| 0200/0700                                                                        | 375 94414 009               | 375 94414 010 |
| 0215/0765                                                                        | 375 94414 011               | 375 94414 012 |
| 0245/0865                                                                        | 375 94414 013               | 375 94414 014 |
| 0273/0963 thru 0295/1015<br>0308/1088 thru 0323/1143<br>0343/1193 thru 0345/1215 | 375 94414 015               | 375 94414 016 |

1. See Table 52 on page 114 for Water Box Heater Parts.

TABLE 52 - EVAPORATOR WATER BOX HEATER PARTS

| ITEM | MODEL | VOLTAGE                     | DESCRIPTION             | PART NUMBER   | QUANTITY | FIGURE |
|------|-------|-----------------------------|-------------------------|---------------|----------|--------|
| 10   | ALL   | ALL                         | Circuit Breaker, 2 Pole | 024 37464 000 | 1        | 40     |
| 11   | ALL   | 200, 230, 380, 460 and 575V | Heater, Immersion       | 025 42430 000 | 2        | 40     |
| 11   | ALL   | 380 - 415V 50HZ             | Heater, Immersion       | 025 44460 000 | 2        | 40     |
| 19   | ALL   | ALL                         | Relay Base              | 024 37460 000 | 1        | 40     |
| 20   | ALL   | ALL                         | Relay                   | 024 37461 000 | 1        | 40     |



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FIGURE 40 - EVAPORATOR WATER BOX HEATER PARTS

**TABLE 53 - TOP EDGE GUARD KIT**

| MODEL                                                           | FANS | EDGE GUARD KIT |
|-----------------------------------------------------------------|------|----------------|
| 0153/0543                                                       | 8    | 375 94097 008  |
| 0165/0565<br>0183/0643                                          | 10   | 375 94097 010  |
| 0178/0588<br>0195/0665<br>0213/074 3thru 0215/0765<br>0233/0843 | 12   | 375 94097 012  |
| 0198/0688<br>0218/0788<br>0245/0865<br>0263/0943 thru 0275/0965 | 14   | 375 94097 014  |
| 0200/0700                                                       | 8    | 375 94097 200  |
| 0248/0888<br>0278/0988<br>0295/1015 thru 0303/1093<br>0323/1143 | 16   | 375 94097 016  |
| 0305/1065 thru 0308/1088<br>0333/1173<br>0343/1193              | 18   | 375 94097 018  |
| 0318/1188<br>0345/1215                                          | 20   | 375 94097 020  |

1. See Table 54 on page 116 and Figure 41 on page 117 and Figure 42 on page 118 for individual Tope Edge Guards.

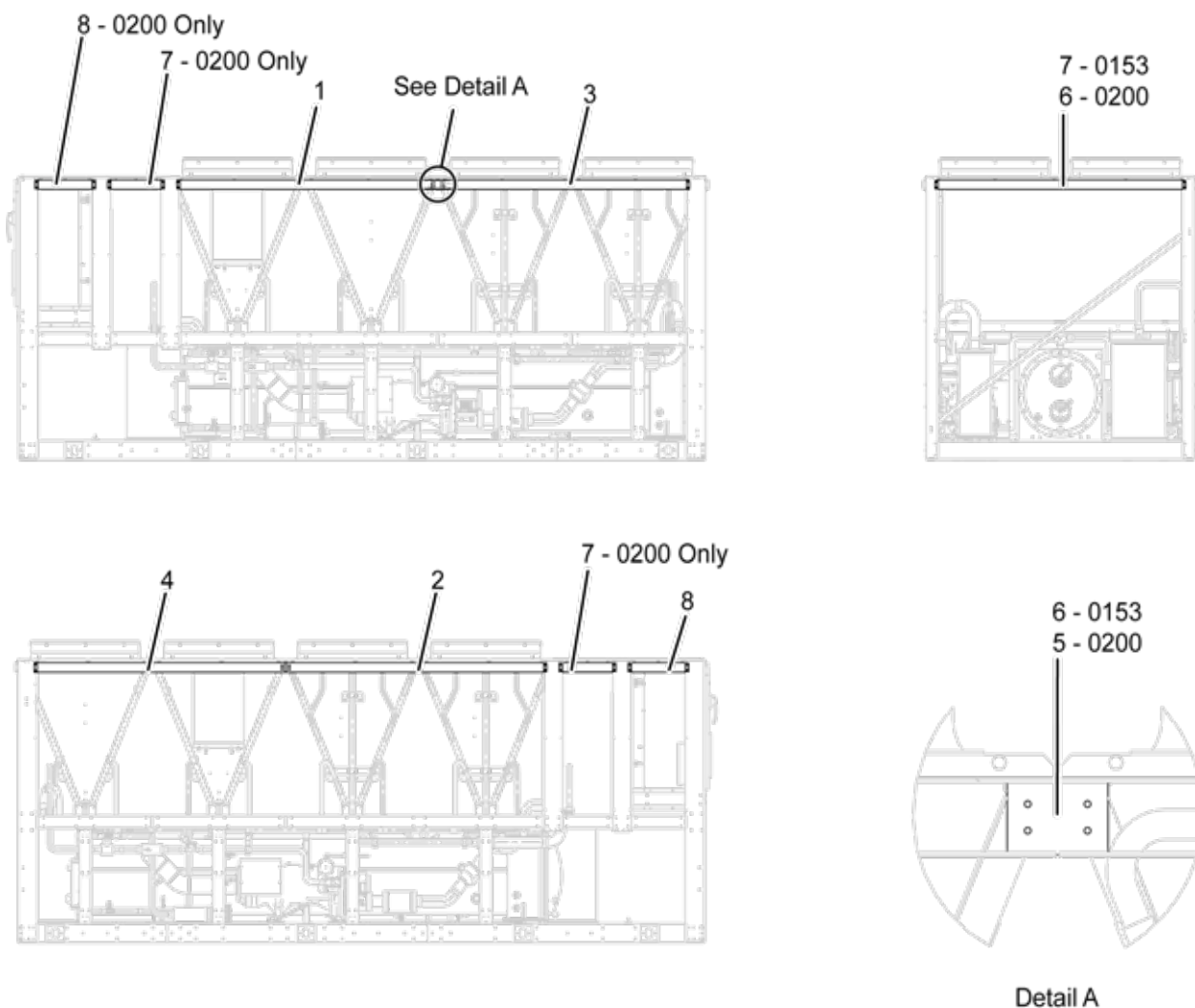
**TABLE 54 - TOP EDGE GUARDS**

| ITEM | MODEL                                                                                                                                                          | FANS             | DESCRIPTION              | PART NUMBER   | QUANTITY | FIGURE |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------------|---------------|----------|--------|
| 1    | all                                                                                                                                                            | all              | Top Edge Guard Component | 075 94098 001 | 1        | 41, 42 |
| 2    | all                                                                                                                                                            | all              | Top Edge Guard Component | 075 94098 002 | 1        | 41, 42 |
| 3    | 0165/0565 thru 0195/0665<br>0213/0743 thru 0215/0765<br>0233/0843                                                                                              | 10, 12           | Top Edge Guard Component | 075 94098 003 | 2        | 41, 42 |
|      | 0198/0688<br>0218/0788<br>0245/0865 thru 0303/1093<br>0318/1188 thru 0323/1143<br>0345/1215                                                                    | 14, 16           |                          |               | 4        |        |
|      | 0200/0700                                                                                                                                                      | 8                | Top Edge Guard Component | 075 94098 007 | 1        |        |
|      | 0305/1065 thru 0308/1088<br>0333/1173<br>0343/1193                                                                                                             | 18, 20           | Top Edge Guard Component | 075 94098 003 | 6        |        |
| 4    | 0153/0543<br>0178/0588<br>0195/0665<br>0200/0700 thru 0215/0765<br>0233/0843<br>0248/0888<br>0278/0988 thru 0303/1093<br>0318/1188 thru 0323/1143<br>0345/1215 | 8, 12, 16,<br>20 | Top Edge Guard Component | 075 94098 007 | 1        | 41, 42 |
|      | 0165/0565<br>0183/0643<br>0198/0688<br>0218/0788<br>0245/0865<br>0263/0943 thru 0275/0965<br>0305/1065 thru 0308/1088<br>0333/1173<br>thru 0343/1193           | 10, 14, 18       | Top Edge Guard Component | 075 94098 004 | 1        |        |
| 5    | 0153/0543<br>0178/0588<br>0195/0665<br>0213/0743 thru 0215/0765<br>0233/0843<br>0248/0888<br>0278/0988 thru 0303/1093<br>0318/1188 thru 0323/1143<br>0345/1215 | 8, 12, 16,<br>20 | Top Edge Guard Component | 075 94098 008 | 1        | 41, 42 |
|      | 0165/0565<br>0183/0643<br>0198/0688<br>0218/0788<br>0245/0865<br>0263/0943 thru 0275/0965<br>0305/1065 thru 0308/1088<br>0333/1173 thru 0343/1193              | 10, 14, 18       | Top Edge Guard Component | 075 94098 005 | 1        |        |
|      | 0200/0700                                                                                                                                                      | 8                | Top Edge Guard Component | 075 94098 006 | 2        |        |



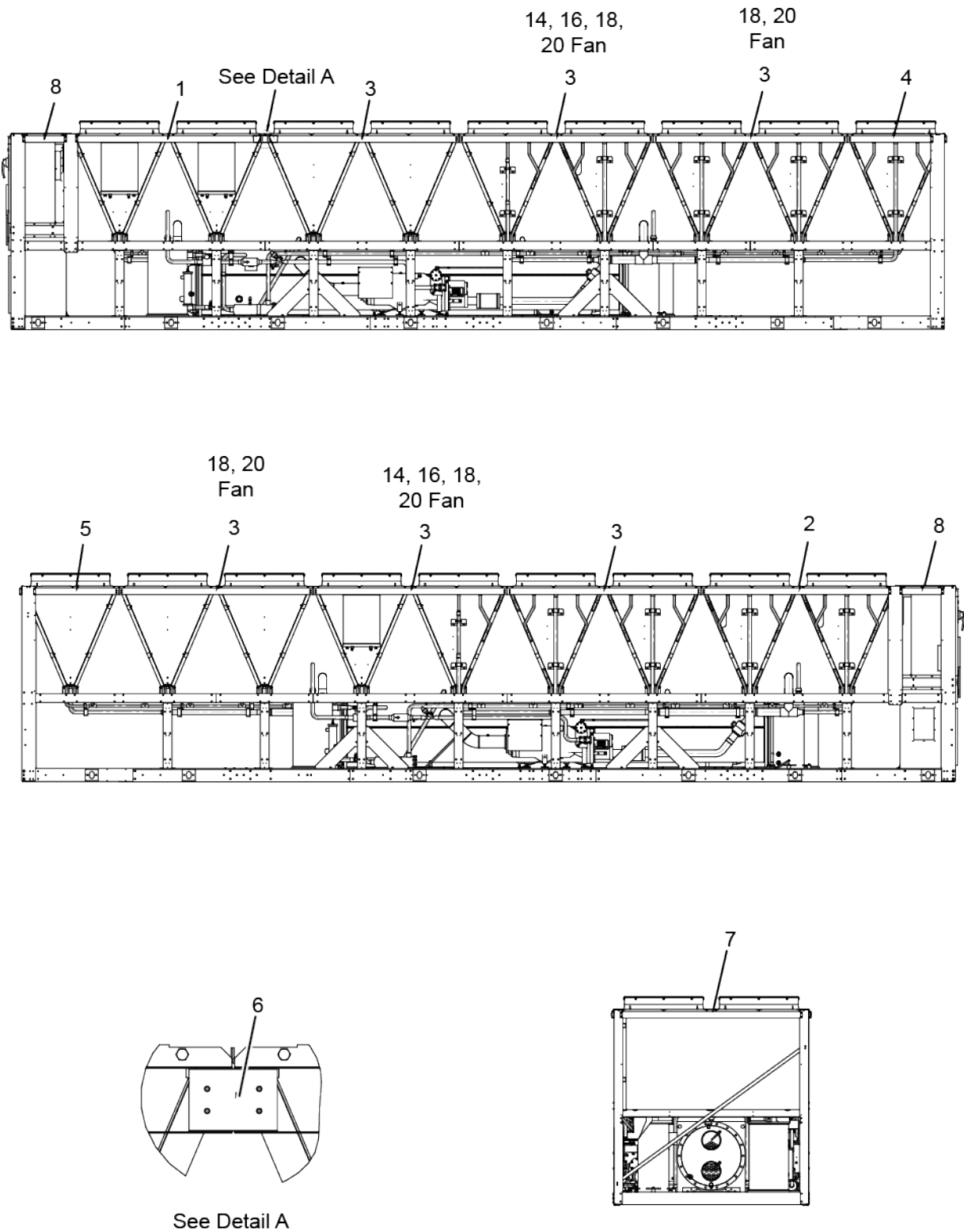
**TABLE 54 - TOP EDGE GUARDS (CONT'D)**

| ITEM     | MODEL                                                             | FANS   | DESCRIPTION              | PART NUMBER   | QUANTITY | FIGURE |
|----------|-------------------------------------------------------------------|--------|--------------------------|---------------|----------|--------|
| <b>6</b> | 0153/0543                                                         | 8      | Top Edge Guard Component | 075 94098 006 | 2        | 41, 42 |
|          | 0165/0565 thru 0195/0665<br>0213/0743 thru 0215/0765<br>0233/0843 | 10, 12 |                          |               | 4        |        |
|          | 0198/0688<br>0218/0788<br>0245/0865 thru 0303/1093<br>0323/1143   | 14, 16 |                          |               | 6        |        |
|          | 0200/0700                                                         | 8      | Top Edge Guard Component | 075 94098 009 | 1        |        |
|          | 0305/1065 thru 0318/1188<br>0333/1173 thru<br>0345/1215           | 18, 20 | Top Edge Guard Component | 075 94098 006 | 8        |        |
|          |                                                                   |        |                          |               |          |        |
| <b>7</b> | 0200/0700                                                         | 8      | Top Edge Guard Component | 075 94098 010 | 2        | 41, 42 |
|          | all except 0200/0700                                              | all    | Top Edge Guard Component | 075 94098 009 | 1        |        |
| <b>8</b> | all                                                               | all    | Top Edge Guard Component | 075 94098 011 | 2        | 41, 42 |



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**FIGURE 41 - TOP EDGE GUARDS - MODELS 0153/0543 AND 0200/0700**



LD16173

**FIGURE 42 - TOP EDGE GUARDS - ALL MODELS EXCEPT 0153/0543 AND 0200/0700**

## RECOMMENDED SPARE PARTS

| ITEM | MODEL                    | VOLTAGE            | DESCRIPTION                                        | PART NUMBER   | TABLE AND PAGE      |
|------|--------------------------|--------------------|----------------------------------------------------|---------------|---------------------|
| 3    | ALL                      | 17, 28, 46, 50, 58 | Motor, Fan, (Low Sound)                            | 024 36873 107 | Table 5 on page 25  |
|      |                          | 40                 | Motor, Fan, (Low Sound)                            | 024 36873 104 |                     |
|      |                          | 17, 28, 46, 58     | Motor, Fan, (Ultra Quiet Fan)                      | 024 34980 101 |                     |
|      |                          | 40                 | Motor, Fan, (Ultra Quiet Fan)                      | 024 34980 105 |                     |
|      |                          | 50                 | Motor, Fan, (Ultra Quiet Fan)                      | 024 34980 103 |                     |
|      |                          | 17, 28, 46, 58     | Motor, Fan, (High Airflow/High Static)             | 024 36874 003 |                     |
|      |                          | 40                 | Motor, Fan, (High Airflow/High Static)             | 024 36874 002 |                     |
|      |                          | 50                 | Motor, Fan, (High Airflow/High Static)             | 024 36874 004 |                     |
| 6    | ALL                      | 17, 28, 46, 40, 58 | Fan Impeller (Low Sound)                           | 026 41594 000 |                     |
|      |                          | 50                 | Fan Impeller (Low Sound)                           | 026 41943 000 |                     |
|      |                          | 17, 28, 46, 50, 58 | Fan Impeller (Ultra Quiet Fan)                     | 026 41942 000 |                     |
|      |                          | 50                 | Fan Impeller (Ultra Quiet Fan)                     | 026 45549 000 |                     |
|      |                          | 17, 28, 46, 40, 58 | Fan Impeller (High Airflow/High Static)            | 026 45538 000 |                     |
|      |                          | 50                 | Fan Impeller (High Airflow/High Static)            | 026 46066 000 |                     |
| 205  | ALL                      | ALL                | Core, Dehydrator                                   | 026 37540 000 | Table 6 on page 27  |
| 209  | 0153/0543 thru 0278/0988 | ALL                | Condenser Drain Valve (Flash Tank Feed Valve)      | 025 41565 000 |                     |
|      | 0303/1093 thru 0345/1215 |                    |                                                    | 025 44027 000 |                     |
| 210  | 0153/0543 thru 0308/1088 |                    |                                                    | 025 41565 000 |                     |
|      | 0323/1143 thru 0345/1215 |                    |                                                    | 025 44027 000 |                     |
| 10   | ALL                      | ALL                | Cap, Radiator                                      | 023 21927 000 | Table 7 on page 32  |
| 13   | ALL                      | ALL                | Coolant, Propylene Glycol, 1 gal. non-EU compliant | 013 03345 000 | Table 7 on page 32  |
|      |                          |                    | Coolant, Propylene Glycol, 5 gal. non-EU compliant | 013-03344-000 | Table 7 on page 32  |
|      |                          |                    | Coolant, Propylene Glycol, 5 gal. EU compliant     | 013-03849-001 | Table 7 on page 32  |
| 1    | ALL                      | ALL                | Sensor, Temperature                                | 025 40334 000 | Table 10 on page 34 |
| 4    |                          |                    | Sensor, Liquid Temperature                         | 025 28935 000 |                     |
| 6    |                          |                    | Sensor, Outside Air Temperature                    | 371 01180 223 |                     |
| 16   |                          |                    | Transducer, Liquid Pressure                        | 025 29139 001 |                     |
| 72   | ALL                      | ALL                | Stepper Motor                                      | 031 02742 000 | Table 17 on page 40 |
| 28   | 0153/0543 thru 0278/0988 | ALL                | Control Board                                      | 331 03478 101 | Table 19 on page 46 |
|      | 0303/1093 thru 0345/1215 | 40, 46,            |                                                    |               |                     |
| 58   | 0153/0543 thru 0278/0988 | 50, 58             | SD Card with Software, Control Board               | 031 03476 010 | Table 19 on page 46 |
|      | 0303/1093 thru 0345/1215 |                    | Blank SD Card                                      | 031 03466 000 |                     |

## NOTES

The following factors can be used to convert from English to the most common SI Metric values.

**TABLE 55 - SI METRIC CONVERSION**

| MEASUREMENT   | MULTIPLY ENGLISH UNIT         | BY FACTOR | TO OBTAIN METRIC UNIT |
|---------------|-------------------------------|-----------|-----------------------|
| Capacity      | Tons Refrigerant Effect (ton) | 3.516     | Kilowatts (kW)        |
| Power         | Horsepower                    | 0.7457    | Kilowatts (kW)        |
| Flow Rate     | Gallons / Minute (gpm)        | 0.0631    | Liters / Second (l/s) |
| Length        | Feet (ft)                     | 0.3048    | Meters (m)            |
|               | Inches (in)                   | 25.4      | Millimeters (mm)      |
| Weight        | Pounds (lbs)                  | 0.4538    | Kilograms (kg)        |
| Velocity      | Feet / Second (fps)           | 0.3048    | Meters / Second (m/s) |
| Pressure Drop | Feet of Water (ft)            | 2.989     | Kilopascals (kPa)     |
|               | Pounds / Square Inch (psi)    | 6.895     | Kilopascals (kPa)     |

## TEMPERATURE

To convert degrees Fahrenheit (°F) to degrees Celsius (°C), subtract 32° and multiply by 5/9 or 0.5556.

Example:  $(45.0^{\circ}\text{F} - 32^{\circ}) \times 0.5556 = 7.22^{\circ}\text{C}$

To convert a temperature range (i.e., a range of 10°F) from Fahrenheit to Celsius, multiply by 5/9 or 0.5556.

Example:  $10.0^{\circ}\text{F range} \times 0.5556 = 5.6^{\circ}\text{C range}$

