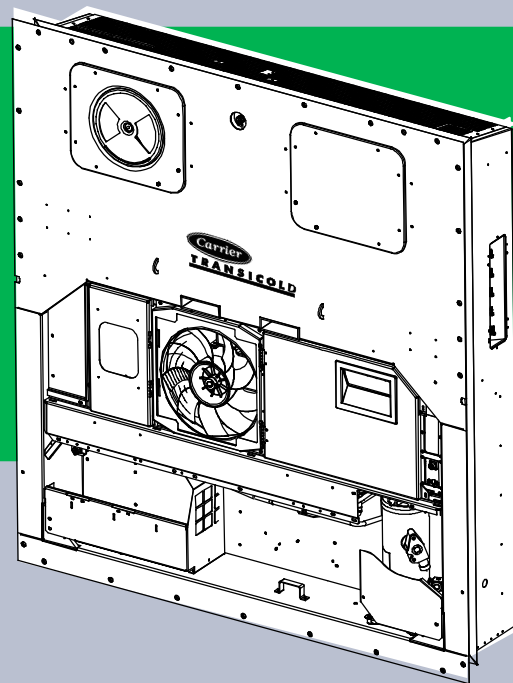
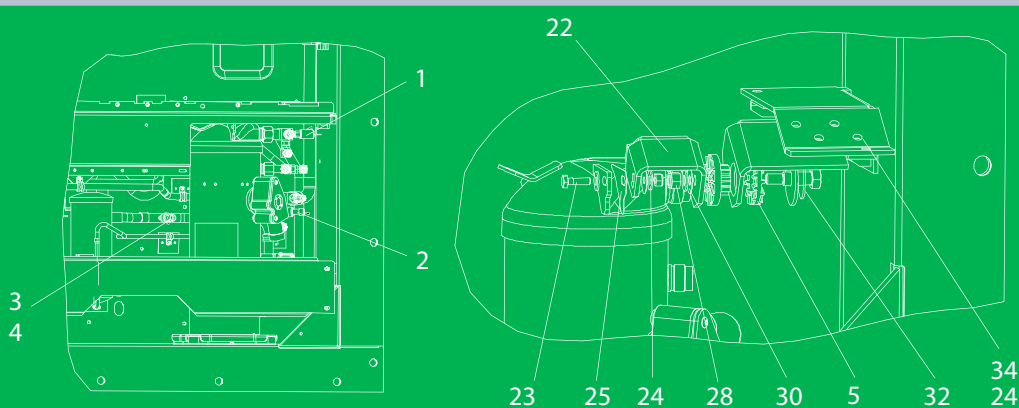




Container Refrigeration



SERVICE PARTS LIST for 69NT40–551–500 to 599 Container Refrigeration Units



TRANSICOLD

SERVICE PARTS LIST CONTAINER REFRIGERATION UNIT

**MODEL
69NT40-551-500 to 599**

TABLE OF CONTENTS

PARAGRAPH NUMBER	Page
1 QUICK LIST – CLAMPS, FILTER-DRIER, FUSE, TY-WRAPPS, WIRE TERMINALS	1
2 REFRIGERATION UNIT ASSEMBLY	2
2.1 REFRIGERATION UNIT – AREA LOCATOR	2
2.2 UPPER FRESH AIR	4
2.3 UPPER FRESH AIR – EAUTOFRESH	10
2.4 BULKHEAD PENETRATION – UPPER AIR EXCHANGE	14
2.5 THERMOMETER PORT	15
2.6 RAIN GUTTERS	15
2.7 USDA	16
2.8 CONTROL BOX – DOOR	18
2.9 CONTROL BOX – SHIELD	23
2.10 CONTROL BOX – WIRING	24
2.11 CONTROL BOX – RMU RECEPTACLE, SWITCH PANEL, NO RMU, INTERNAL VIEWS ...	26
2.12 CONTROL BOX – RMU RECEPTACLE AND SWITCH PANEL, EXTERNAL VIEW	29
2.13 CONTROL BOX – REMOTE MONITORING UNIT (RMU)	30
2.14 CONTROL BOX – CONTROLLER MODULE SECTION AND SOFTWARE CARDS	32
2.15 CONTROL BOX PREPARATION	34
2.16 CONTROLLER HARDWARE, CLAMPS AND DISPLAY – FACING VIEW	36
2.17 CONTROLLER HARDWARE, CLAMPS AND DISPLAY – DETAILS	38
2.18 CONTROLLER HARDWARE, CLAMPS AND DISPLAY – REAR VIEW	40
2.19 HANDLES	41
2.20 COMPRESSOR TRANSDUCERS / PRESSURE SWITCH	41
2.21 COMPRESSOR, MOUNTING COMPONENTS AND GUARD	42
2.22 COMPRESSOR TUBING	44
2.23 CABLE AND COMPRESSOR GUARDS	46
2.24 ECONOMIZER	49
2.25 RECEIVER	50
2.26 WATER-COOLED CONDENSER	52
2.27 CONDENSER COIL AND COVERS	54
2.28 CONDENSER FAN MOTOR	56
2.29 VOLTAGE CABLES	58
2.30 AUTOTRANSFORMER	60
2.31 CABLE RESTRAINT COMPONENTS	63
2.32 INTERROGATOR RECEPTACLE	64
2.33 VACUUM RELIEF VALVE / CONTROLLED ATMOSPHERE OPTION	66
2.34 DRAIN	67
2.35 ELECTRONIC PARTLOW TEMPERATURE RECORDER– OPTION 9 AND OPTION P	68
2.36 ELECTRONIC PARTLOW TEMPERATURE RECORDER – OPTION 12 AND OPTION 13 ..	70
2.37 BULKHEAD PENETRATION – LOWER AIR EXCHANGE	75
2.38 LOWER FRESH AIR MAKE-UP	76
2.39 LABELS AND DECALS (Not Applicable to All Units)	78
2.40 EVAPORATOR TUBING AND COIL	80

TABLE OF CONTENTS – CONTINUED

PARAGRAPH NUMBER		Page
2.41	EVAPORATOR FAN ASSEMBLY	83
2.42	HEATERS AND SENSORS (REAR PANELS REMOVED)	84
2.43	BACK PANEL ASSEMBLY	86
2.44	HARNESS – LOW VOLTAGE	88
2.45	HARNESS – HIGH VOLTAGE	102
3	INTERROGATOR ACCESSORIES	108
3.1	DATALINE/DATAREADER	108
4	TOOLS	110

INTRODUCTION

1 INTRODUCTION

The Carrier Transicold model 69NT40-551-500 to 599 series units are of lightweight aluminum frame construction, designed to fit in the front of a container and serve as the container's front wall.

2 CONFIGURATION IDENTIFICATION

Unit identification information is provided on a plate located near the economizer heat exchanger, on the back wall of the condenser section. The plate provides the unit model number, the unit serial number and the unit parts identification number (PID). The model number identifies the overall unit configuration while the PID provides information on specific optional equipment, factory provision to allow for field installation of optional equipment and differences in detailed parts.

Various options may be factory or field equipped to the base unit. These options are listed in the tables and described in the following subparagraphs.

3 OPTION DESCRIPTIONS

Various options may be factory or field fitted to the base unit. These options are listed in the tables and described in the following subparagraphs.

3.1 Battery

The refrigeration controller may be fitted with rechargeable battery packs, which may be fitted in the standard or in a secure location.

3.2 Dehumidification

The unit may be fitted with a humidity sensor. This sensor allows setting of a humidity set point in the controller. In dehumidification mode, the controller will operate to reduce internal container moisture level.

3.3 Control Box

Units are equipped with either an aluminum material box and may be fitted with a lockable door.

3.4 Temperature Readout

The unit is fitted with suction and discharge temperature sensors. The sensor readings may be viewed on the controller display.

3.5 Pressure Readout

The unit is fitted with suction and discharge transducers. The transducer readings may be viewed on the controller display.

3.6 USDA

The unit may be supplied with fittings for additional temperature probes which allow recording of USDA Cold Treatment data by the integral DataCORDER function of the Micro-Link refrigeration controller.

3.7 Interrogator

Units that use the DataCORDER function are fitted with interrogator receptacles for connection of equipment to download the recorded data. Two receptacles may be fitted; one is accessible from the front of the container and the other is mounted inside the container (with the USDA receptacles).

3.8 Remote Monitoring

The unit may be fitted with a remote monitoring receptacle. This item allows connection of remote indicators for COOL, DEFROST and IN RANGE. Unless otherwise indicated, the receptacle is mounted at the control box location.

3.9 Communications

The unit may be fitted with a communications interface module. The communications interface module is a slave module which allows communication with a master central monitoring station. The module will respond to communication and return information over the main power line. Refer to the ship master system technical manual for further information.

3.10 Compressor

The unit is fitted with a scroll compressor with either standard piping (equipped with suction, discharge, economizer and oil return service valves) or with semi-hermetic piping (equipped with suction, discharge and economizer service connections).

3.11 Condenser Coil

The unit is fitted with a 4 row coil using 7mm tubing.

3.12 Autotransformer

An autotransformer may be provided to allow operation on 190/230, 3 phase, 50/60 hertz power. The autotransformer raises the supply voltage to the nominal 380/460 volt power required by the base unit. The autotransformer may also be fitted with an individual circuit breaker for the 230 volt power.

3.13 Temperature Recorder

The units may be fitted with an electronic temperature recording device manufactured by the Partlow Corporation.

3.14 Gutters

Rain gutters may be fitted over the control box and recorder section to divert rain away from the controls. The various gutters available include standard length bolted gutters, extended length gutters and riveted gutters.

3.15 Handles

The unit may be equipped with handles to facilitate access to stacked containers. These handles may include fixed handles (located at the sides of the unit) and/or a hinged handle at the center (attached to the condenser coil cover).

3.16 Thermometer Port

The unit may be fitted with ports in the front of the frame for insertion of a thermometer to measure supply and/or return air temperature. If fitted, the port(s) will require a cap and chain.

3.17 Water Cooling

The refrigeration system may be fitted with a water cooled condenser. The condenser is constructed using copper-nickel tube for sea water applications. The water cooled condenser is in series with the air cooled condenser and replaces the standard unit receiver. When operating on the water cooled condenser, the condenser fan is deactivated by either a water pressure switch or condenser fan switch.

3.18 Back Panels

Back panel designs that may be fitted include panels of aluminum and stainless steel. Panels may have access doors and/or hinge mounting.

3.19 460 Volt Cable

Various power cable and plug designs are available for the main 460 volt supply. Plug options tailor the cables to each customer's requirements.

3.20 230 Volt Cable

Units equipped with an autotransformer require an additional power cable for connection to the 230 volt source. Various power cable and plug designs are available. Plug options tailor the cables to each customer's requirements.

3.21 Cable Restraint

Various designs are available for storage of the power cables. These options are variations of the compressor section front cover.

3.22 Upper Air (Fresh Air Make Up)

The unit may be fitted with an upper fresh air makeup assembly. The fresh air makeup assembly is available with a vent positioning sensor (VPS) and may also be fitted with screens.

3.23 Lower Air (Fresh Air Make Up)

The unit may be fitted with a lower fresh air makeup assembly. The fresh air makeup assembly is available with a vent positioning sensor (VPS) and may also be fitted with screens.

3.24 Evaporator

Evaporator section is equipped with a hermetic thermal expansion valve. The evaporator may also be equipped with an expansion valve bypass assembly (XBSV).

3.25 Labels

Operating Instruction and Function Code listing labels differ, depending on the options installed. For example, additional operating instructions are required to describe start-up of a unit equipped with an autotransformer. Labels available with additional languages are listed in the parts list.

3.26 Plate Set

Each unit is equipped with a tethered set of wiring schematic and wiring diagram plates. The plate sets are ordered using a seven digit base part number and a two digit dash number.

3.27 Controller

Two controllers are available:

1. Remanufactured - Controller is the equivalent of a new OEM controller and is supplied with a 12 month warranty.
2. Repaired - Controller has had previous faults repaired and upgraded with the latest software.

Note: Repaired controllers are NOT to be used for warranty repairs; only full OEM Remanufactured controllers are to be used.

Controllers will be factory-equipped with the latest version of operational software, but will NOT be configured for a specific model number and will need to be configured at the time of installation or sale.

3.28 Stepper Drive

All the units covered by this manual have suction modulating valves which act to control system capacity. Units indicated as being fitted with "stepper drive" have digital control motors fitted to the suction modulating valve to open and close the valve in steps as required.

3.29 Condenser Grille

Two styles of condenser grilles are available: direct bolted grilles and hinged grilles.

3.30 Emergency Bypass

The unit may be equipped with switches to allow emergency bypass of the controller. The Emergency Bypass switch functions to bypass the controller in the event of controller failure.

OPTION LEGEND

General	
-	Feature Not Applicable
X	Features Installed
P	Factory Installation of Equipment to Allow Field Installation (Provision)
Autotransformer Codes	
1	Transformer Fitted
2	Transformer With CB2 Fitted
Back Panel Codes	
1	Bolted Panels
2	Hinged Panels
Battery Codes	
R	Rechargeable Cells
S	Secure Location (Rechargeable Cells)
Bulkhead Penetration Codes	
1	Not Installed
2	Installed
Cable and Compressor Guards	
1	Standard Guard, 460 V Cable
2	Standard Guard, Transicord
3	Full Guard, 460 V Cable
4	Full Guard, Transicord
Cable Restraint Codes	
1	Cable Door
2	Left Bungy Cord Only
3	J-Hook
R	Dummy Receptacle
Communications Codes	
1	Standard
2	High Data Rate
4	Low Data Rate
Compressor Codes	
S	Scroll
SS	Scroll with Semi-Hermetic Piping
Condenser Grille Codes	
B	Bolted Grille
H	Hinged Grille
Control Box Preparation Codes	
1	Aluminum Box with Latch Fastener
2	Aluminum Box with Screw Fastener
3	Aluminum Box with Locking Screw Fastener

Control Box Shield Codes	
1	High Voltage Shield
2	Low Voltage Shield
Control Box Door Codes	
2	Standard Door, Slotted Screw
3	Standard Door, Wing Screw
4	Door with Flat Window, Wing Screw
5	Latching Door
Controller Components and Wiring Codes	
1	Standard Wiring, No Voltage Shield
2	Wiring, No Voltage Shield, Secure Battery
3	Wiring, No Voltage Shield, EBS
4	Standard Wiring, with Voltage Shield
Evaporator Codes	
7	Standard Thermostatic Expansion Valve
8	Thermostatic Expansion Valve with Bypass Assembly
Evaporator Fan Codes	
1	Single-phase Motors
3	Three-phase Motors
Rain Gutter Codes	
1	Standard Length Bolted Gutters
4	Riveted Gutters
Handle Codes	
2	Two Sides
High Voltage Harness Codes	
1	Single-Phase Evaporator Fan Motor
2	Three-Phase Evaporator Fan Motor
Interrogator Codes	
1	Left Straight Mount
3	Control Box Mount
4	Left Mount
Label Codes	
1	English
2	English / Spanish
5	English / Traditional Chinese
Low Voltage Harness Codes	
1	Provisioned for USDA
2	USDA Installed
3	USDA and Lower Fresh Air with VPS Installed
4	USDA and Emergency Bypass System Installed
5	USDA Installed, Single Evap. Fan Capability
6	USDA and Installed
7	USDA, Lower VPS and Installed

Lower Fresh Air Codes	
1	Lower Fresh Air Not Installed
2	Lower Fresh Air Installed
4	Lower Fresh Air With Screens, VPS Installed
Pressure Readout Codes	
T	Pressure Transducers
Receiver Codes	
1	Standard Receiver
2	Small Receiver, without King Valve
Remote Monitoring Receptacle and Switch Panel	
1	No RM, Start Switch Plate
2	No RM, Start Switch Plate with Boot
3	No RM, Compressor Fan Switch Switch Plate
4	No RM, Manual Defrost (MD) Switch Plate
5	No RM, MD Switch Plate with Boot
6	No RM, Amber Defrost Light Switch Plate
7	No RM, Red Defrost Light Switch Plate
8	With Internal RM Switch Plate
9	With Internal RM, MD Switch Plate
10	With Internal RM, Amber Defrost Light Switch Plate
11	With External RM Switch Plate
Temperature Recorder Codes	
9	No Temperature Recorder
12	Special Electronic Partlow
13	Standard Electronic Partlow
Thermometer Port Codes	
1	Supply Air Port
2	Return Air Port

B	Both Ports
Upper Fresh Air Codes	
1	Not Installed – Access Panel Only
2	Upper Fresh Air Installed
3	Upper Fresh Air Installed With Screen
4	Upper Fresh Air Installed With VPS
5	Upper Fresh Air Installed with Screen and VPS
6	Upper Fresh Air Installed, Provisioned for VPS
USDA Codes	
D	Option D
V	Option V
1	Option 1
2	Option 2
Vacuum Relief Valve Codes Codes	
1	Vacuum Relief Valve
2	Valve with Nitrogen–Fed Controlled Atmosphere
230 and 460 Volt Cable Codes	
1	Option1
2	Option 2
3	Option 3
4	Option 4
5	Option 5
6	Option 6
7	Option 7
8	Option 8
9	Option 9
Water Cooling Codes	
F	Condenser Fan Switch
W	Water Pressure Switch

4 ORDERING INSTRUCTIONS

All orders and inquiries for parts must include: Parts Identification Number (**PID**), Model Number, Unit Serial Number, Part Number, description of part as shown on list, and quantity required. Address all correspondence for parts to the following address:

CARRIER TRANSICOLD DIVISION
Replacement Components Group, TR-20
P.O. Box 4805, Syracuse, New York 13221
or FAX to: (315) 432-3778

5 LETTER DESIGNATIONS

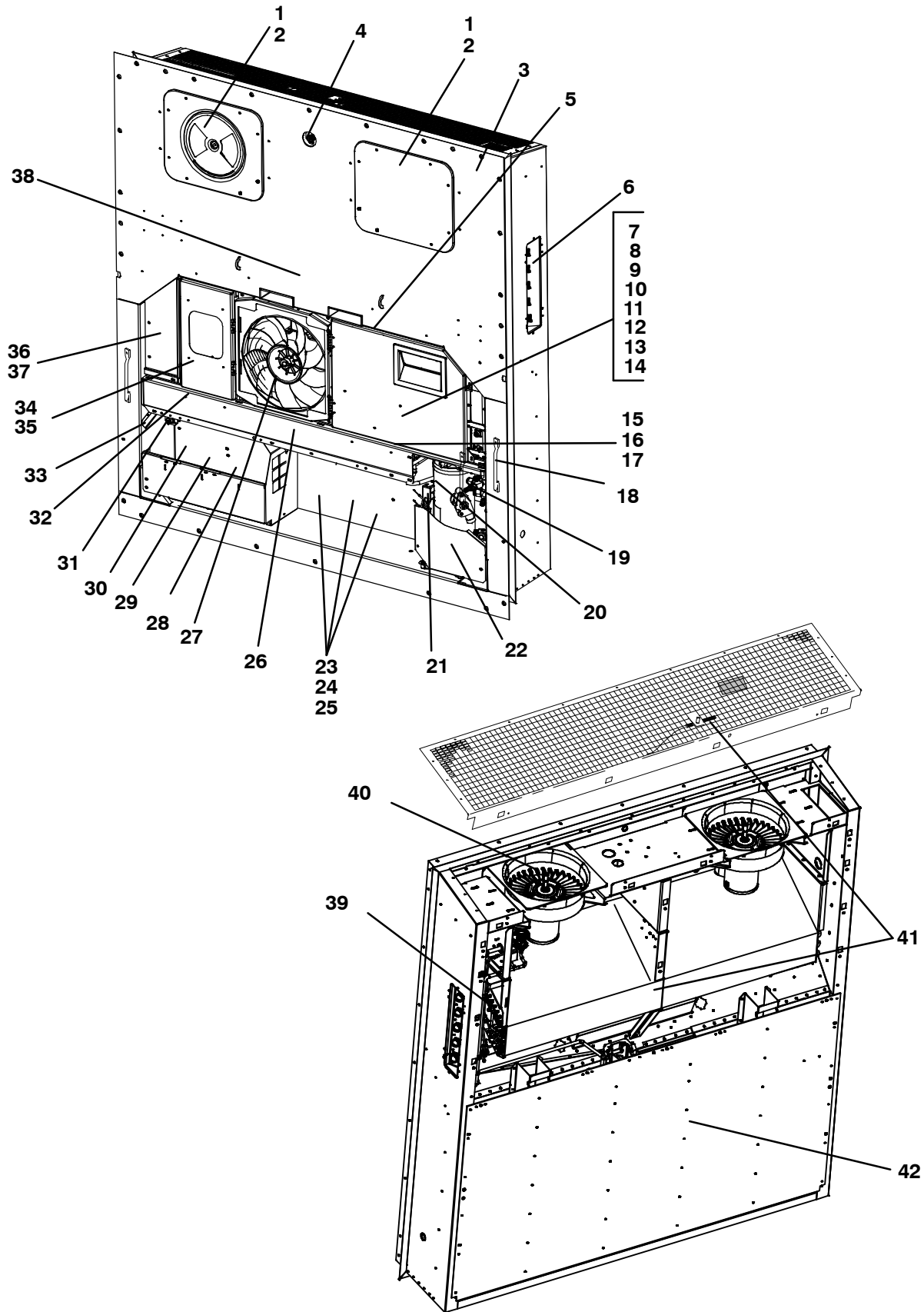
The following letter designations are used to classify parts throughout this list:

A/R	=	<i>As Required</i>
N/A	=	<i>Not Available</i>
NS	=	<i>Not Shown</i> in illustration
NSS	=	<i>Not Sold Separately</i> - order next higher assembly or kit
PID	=	<i>Parts Identification Number</i> - essential to identify unit configuration.
PL	=	<i>Purchase Locally</i>
SST	=	<i>Stainless Steel</i> - 300 Series unless otherwise specified.
SV	=	Suffix <i>SV</i> - added to part number designates service replacement part.

1 QUICK LIST – CLAMPS, FILTER-DRIER, FUSE, TY-WRAPS, WIRE TERMINALS	
PART NO.	DESCRIPTION
34-00373-51	Clamp, Tube, 1/4 – SST
34-00373-53	Clamp, Tube, 3/8 – SST
34-00373-05	Clamp, Tube, 1/2 – SST
34-00373-07	Clamp, Tube, 5/8 – SST
34-00373-59	Clamp, Tube, 3/4 – SST
34-00373-11	Clamp, Tube, 7/8 – SST
34-00373-65	Clamp, Tube, 1-1/8 – SST
34-00373-88	Clamp, Tube, 1-1/4 – SST
34-00373-69	Clamp, Tube, 1-3/8 – SST
34-00373-71	Clamp, Tube, 1-1/2 – SST
22-00066-01	Connector, Butt End, Wire Range – 22 to 16 AWG
22-00066-02	Connector, Butt End, Wire Range – 16 to 14 AWG
22-00066-03	Connector, Butt End, Wire Range – 12 to 10 AWG
22-00041-00	Connector, Closed End, Wire Range – 22 to 14 AWG
22-00041-02	Connector, Closed End, Wire Range – 18 to 10 AWG
14-00341-04	Filter-Drier
22-02336-02	Fuse, 5 Amp (F1 and F2)
22-02336-04	Fuse, 10 Amp (FEB)
22-02336-08	Fuse, 7.5 Amp (F3A and F3B)
22-01140-01	Ring Terminal, #6, Wire Range – 12 to 10 AWG
22-01140-02	Ring Terminal, #10, Wire Range – 12 to 10 AWG
22-01140-04	Ring Terminal, 3/8, Wire Range – 12 to 10 AWG
22-00119-04	Ring Terminal, 1/4, Wire Range – 12 to 10 AWG
22-00120-04	Ring Terminal, #10, Wire Range – 16 to 14 AWG
22-00120-07	Ring Terminal, 5/16, Wire Range – 16 to 14 AWG
22-00121-07	Ring Terminal, #10, Wire Range – 22 to 16 AWG
22-01139-04	Ring Terminal, 3/8, Wire Range – 16 to 14 AWG
22-01141-01	Spade Terminal, 1/4 X 5/16, Wire Range – 16 to 14 AWG
22-00595-01	Spade Terminal, 3/8, Wire Range – 12 to 10 AWG
22-01106-00	Spiral Wrap, 1/4 Diameter X 25 ft. Long
22-01107-00	Spiral Wrap, 1/2 Diameter X 25 ft. Long
66U1-3803	Tube, Heat Shrink, 1/4 ID X 2-1/8 Long
66U1-3803-1	Tube, Heat Shrink, 1/2 ID X 2-3/4 Long
44-01043-05	Ty-Wraps, 5-1/2 inches Long
44-01043-07	Ty-Wraps, 11.00 inches Long
22-50007 Series	Wire Markers
07-00345-00	Sealant, Pipe (Used to seal fittings on unit with R-134a)
07-00313-00	Cleaner, Coil

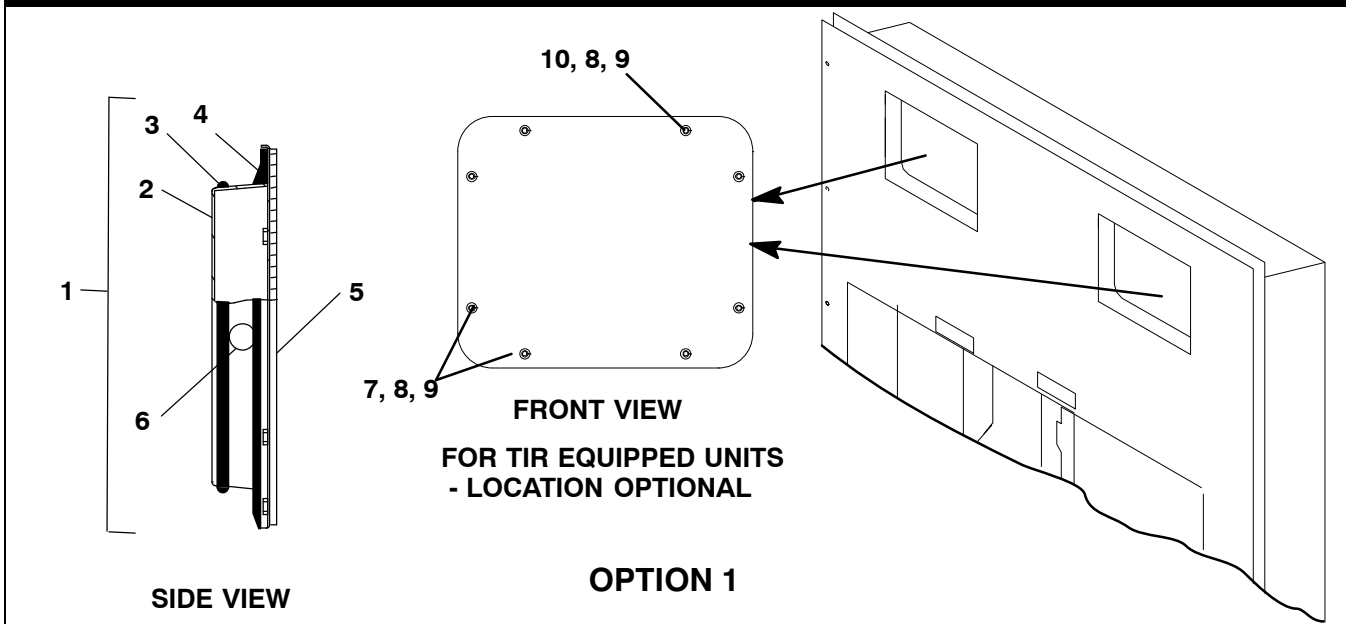
2 REFRIGERATION UNIT ASSEMBLY

2.1 REFRIGERATION UNIT - AREA LOCATOR



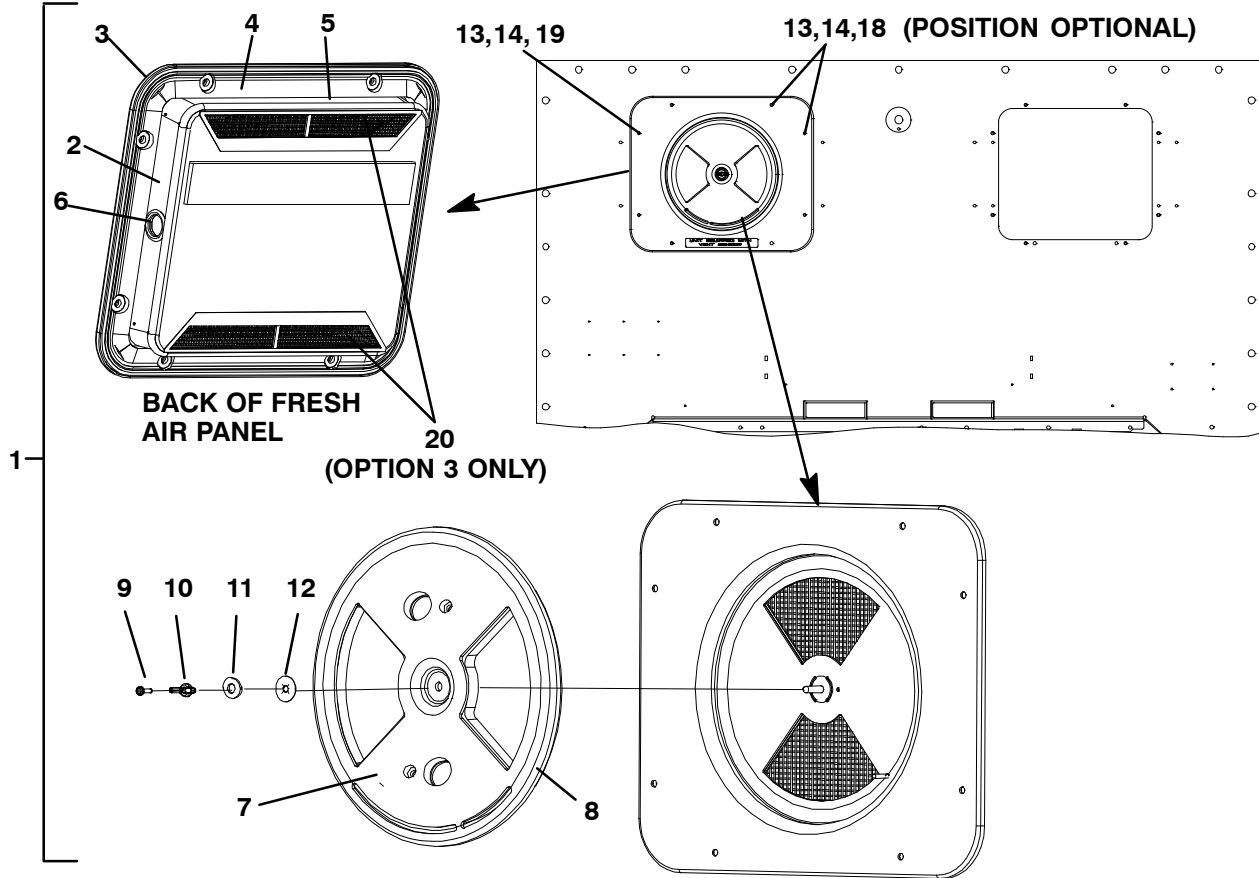
2.1 REFRIGERATION UNIT – AREA LOCATOR (Continued)		
Item	Section Number	Area Description
1	Refer to Section 2.2	Upper Fresh Air
2	Refer to Section 2.3	Upper Fresh Air – eAutoFresh
3	Refer to Section 2.4	Bulkhead Penetration – Upper Air Exchange
4	Refer to Section 2.5	Thermometer Port
5	Refer to Section 2.6	Rain Gutters
6	Refer to Section 2.7	USDA
7	Refer to Section 2.8	Control Box – Door
8	Refer to Section 2.9	Control Box – Shield
9	Refer to Section 2.10	Control Box – Wiring
10	Refer to Section 2.11	Control Box – RMU Receptacle and Switch Panel – No RM and Internal Views
11	Refer to Section 2.12	Control Box – RMU Receptacle and Switch Panel – External View
12	Refer to Section 2.13	Control Box – Remote Monitoring Unit (RMU)
13	Refer to Section 2.14	Control Box – Controller Module Section and Software Cards
14	Refer to Section 2.15	Control Box Preparation
15	Refer to Section 2.16	Controller Hardware, Clamps and Display – Facing View
16	Refer to Section 2.17	Controller Hardware, Clamps and Display – Details
17	Refer to Section 2.18	Controller Hardware, Clamps and Display – Rear View
18	Refer to Section 2.19	Handles
19	Refer to Section 2.20	Compressor Transducers / Pressure Switch
20	Refer to Section 2.21	Compressor, Mounting Components and Guard
21	Refer to Section 2.22	Compressor Tubing
22	Refer to Section 2.23	Cable and Compressor Guards
23	Refer to Section 2.24	Economizer
24	Refer to Section 2.25	Receiver
25	Refer to Section 2.26	Water-Cooled Condenser
26	Refer to Section 2.27	Condenser Coil and Covers
27	Refer to Section 2.28	Condenser Fan Motor
28	Refer to Section 2.29	Voltage Cables
29	Refer to Section 2.30	Autotransformer
30	Refer to Section 2.31	Cable Restraint Components
31	Refer to Section 2.32	Interrogator Receptacle
32	Refer to Section 2.33	Vacuum Relief Valve / Controlled Atmosphere
33	Refer to Section 2.34	Drain
34	Refer to Section 2.35	Electronic Temperature Recorder – Options 9 and P
35	Refer to Section 2.36	Electronic Temperature Recorder – Options 12 and 13
36	Refer to Section 2.37	Bulkhead Penetration – Lower Air Exchange
37	Refer to Section 2.38	Lower Fresh Air Make-up
38	Refer to Section 2.39	Labels and Decals
39	Refer to Section 2.40	Evaporator Tubing and Coil
40	Refer to Section 2.41	Evaporator Fan Assembly
41	Refer to Section 2.42	Heaters and Sensors
42	Refer to Section 2.43	Back Panel Assembly
NS	Refer to Section 2.44	Harness – Low Voltage
NS	Refer to Section 2.45	Harness – High Voltage
NS	Refer to Section 3.1	DataLine/Data Reader

2.2 UPPER FRESH AIR

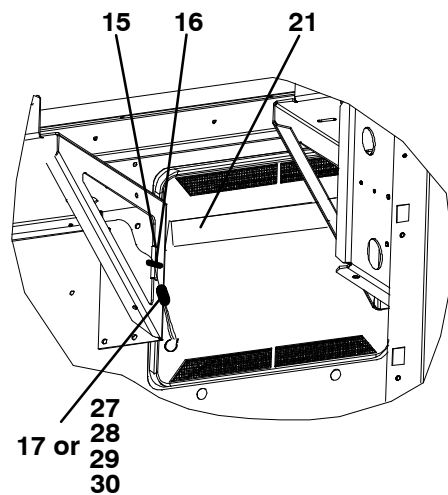
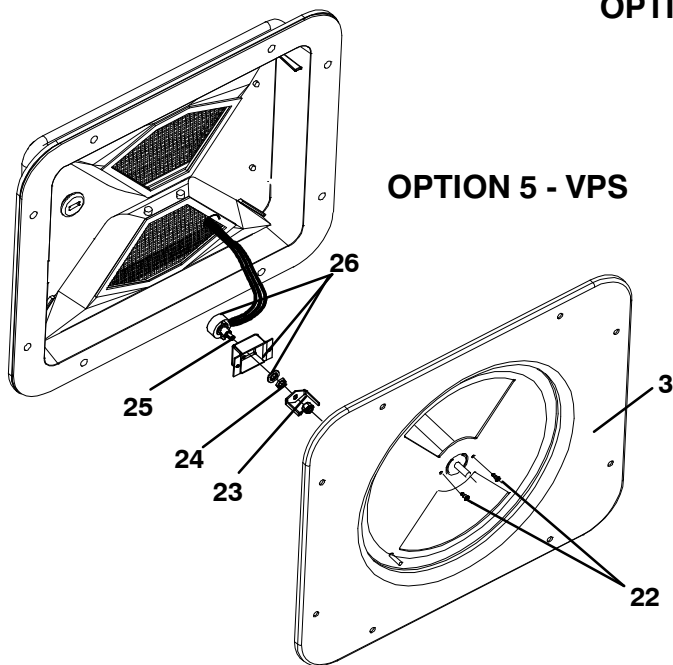


2.2 UPPER FRESH AIR (Continued)			
Item	Part Number	Description	Qty
OPTION 1 - ACCESS PANEL ONLY			
1	79-01697-06SV	Panel Assembly, Access, Evaporator, White – Includes:	A/R
	79-01697-17SV	Panel Assembly, Access, Evaporator, Orange – Includes:	A/R
2	58-04378-01	Panel, Access	1
3	42-00327-00	Gasket, 0.26 x 0.50 Half-round	1
4	42-00296-01	Gasket, Evaporator Access Panel	1
5	68-11989-00	Cover, Top, Evaporator Access Panel, White	A/R
	68-11989-01	Cover, Top, Evaporator Access Panel, Orange	A/R
6	66U1-5562-2	Plug Button	1
7	34-06154-00	Screw, Hex Head, 1/4-20 x 1.00 Long - TIR	A/R
8	34-06053-13	Washer, Mylar	8
9	34-06212-12	Washer, Plain - 1/4	8
10	34-00655-08	Screw, Hex Head, 1/4-20 x 1.00 Long	A/R

2.2 UPPER FRESH AIR (Continued)



OPTIONS 2, 3, and 4

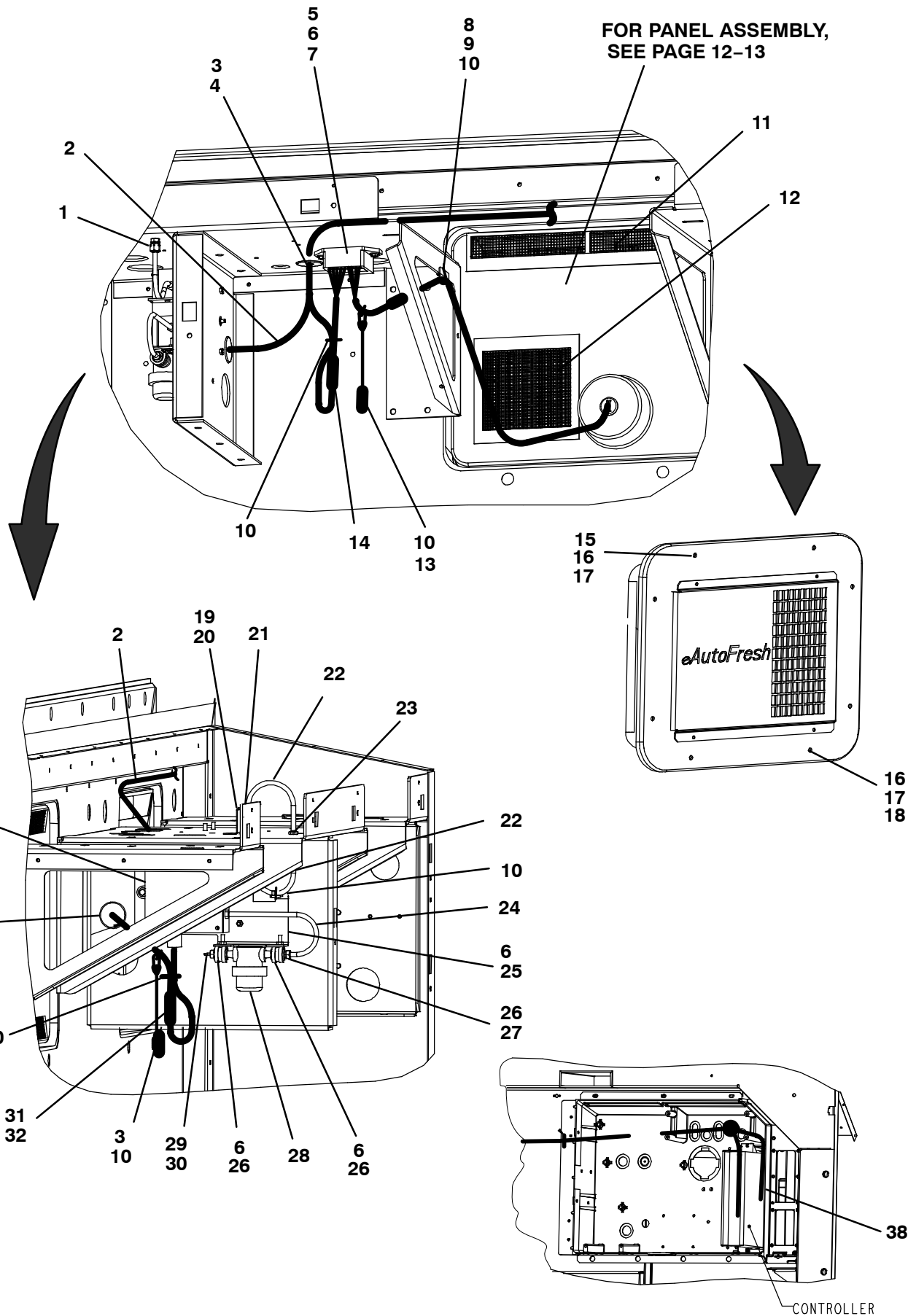


2.2 UPPER FRESH AIR (Continued)			
Item	Part Number	Description	Qty
STANDARD PARTS FOR OPTIONS 2, 3 and 4			
1	79-01695-00	Panel Assembly, Access – Includes:	1
2	58-04376-03	Panel, Access	1
3	68-12940-00	Cover, Top, Evaporator Access Panel	1
4	42-00296-01	Gasket, Evaporator Access Panel	1
5	42-00327-00	Gasket, 0.26 x 0.50 Half-Round	1
6	66U1-5562-2	Plug Button, 1.25 Diameter Hole	1
7	68-12933-00	Disc, 12.35 Diameter	1
8	42-00407-00	Gasket, 0.50 Fresh Air Disc	1
9	34-06185-01	Screw, Machined, #8-32 x 0.50 with Nylock	1
10	66U1-5362-2	Nut, Wing, 5/16-18 - SST	1
11	66U1-5321-13	Washer, Plain 5/16 W Type A - SST	1
12	34-06053-19	Washer, Mylar 1.00 OD x 0.312 ID	1
13	34-06053-13	Washer, Mylar, 1/4 ID x 0.80 OD	8
14	34-006212-12	Washer, Flat, 1/4 - SST	8
15	66CH1-1172-2	Trim, Flexible 2.00 Long	1
16	58-00969-00	Wire Tie 2.80 Diameter, Double Loop	1
17	66U1-8292-1	Cap, Insulating 0.125 OD Black	3

2.2 UPPER FRESH AIR (Continued)			
Item	Part Number	Description	Qty
OPTION 2 - UPPER FRESH AIR INSTALLED WITH STANDARD FASTENERS			
See Previous Section for Standard Parts and use with Items Below:			
18	34-06154-00	Screw, Hex Head, 1/4-20 x 1.00 Long - TIR	2
19	34-00655-08	Screw, Hex Head, 1/4-20 x 1.00 Long	6
OPTION 3 - UPPER FRESH AIR INSTALLED WITH SCREENS			
See Previous Section for Standard Parts and use with Items Below:			
18	34-06154-00	Screw, Hex Head, 1/4-20 x 1.00 Long - TIR	2
19	34-00655-08	Screw, Hex Head, 1/4-20 x 1.00 Long	6
20	58-04251-00	Screen, Medfly, USDA, 16 x 16	2
OPTION 4 - UPPER FRESH AIR INSTALLED WITH STAINLESS STEEL FASTENERS			
See Previous Section for Standard Parts and use with Items Below:			
18	34-66627-00	Screw, Hex Head, 1/4-20 x 1.00 Long - TIR	2
19	66U1-5361-50	Screw, Hex Head, 1/4-20 x 1.00 Long	6

2.2 UPPER FRESH AIR (Continued)			
Item	Part Number	Description	Qty
OPTION 5 - VENT POSITIONING SENSOR INSTALLED			
1	79-66626-00	Panel Assembly, Access, White – Includes:	A/R
	79-66626-01	Panel Assembly, Access, Orange – Includes:	A/R
2	58-04376-05	Panel, Access	1
3	68-12940-05	Cover, Top, Evaporator Access Panel, White	A/R
	68-12940-03	Cover, Top, Evaporator Access Panel, Orange	A/R
4	42-00296-01	Gasket, Evaporator Access Panel	1
5	42-00327-00	Gasket, 0.26 x 0.50 Half-round	1
6	66U1-5562-2	Plug Button, 1.25 Diameter Hole	1
7	68-12933-07	Disc, 12.35 Diameter, White	A/R
	68-12933-05	Disc, 12.35 Diameter, Orange	A/R
8	42-00407-00	Gasket, 0.50 Fresh Air Disc	1
9	34-06185-01	Screw, Pan Head, #8-32 x 0.50 with Nylock	1
10	66U1-5362-2	Nut, Wing, 5/16-18 - SST	1
11	66U1-5321-13	Washer, Plain 5/16 W Type A - SST	1
12	34-06053-19	Washer, Mylar 1.00 OD x 0.312 ID	1
21	66U1-2552-185	Gasket	1
13	34-06053-13	Washer, Mylar, 1/4 ID x 0.80 OD	8
14	34-06212-12	Washer, Flat, 1/4 - SST	8
15	66CH1-1172-2	Trim, Flexible 2.00 Long	1
16	58-00969-00	Wire Tie 2.80 Diameter, Double Loop	1
17	66U1-8292-1	Cap, Insulating 0.125 OD Black (NOT USED IN THIS ASSEMBLY)	3
18	34-06154-00	Screw, Hex Head, 1/4-20 x 1.00 Long - TIR	2
19	34-00655-08	Screw, Hex Head, 1/4-20 x 1.00 Long	6
20	58-04251-00	Screen, Medfly, USDA, 16 x 16 (NOT USED IN THIS ASSEMBLY)	2
22	34-00928-02	Rivet, Blind 0.125 Diameter 0.126-0.187	2
23	NSS	Nut, Self Lock, 1/4-20	1
24	NSS	Plate	2
25	NSS	Bracket, Sensor	2
26	NSS	Sensor, Rotary Position	1
27	22-01613-10	Plug, 4-Pin	1
28	22-01613-13	Contact, Socket #16	3
29	22-01613-11	Lock, 4-Pin - Secondary	1
30	22-01660-08	Plug, 0.12 Diameter x 0.58	1

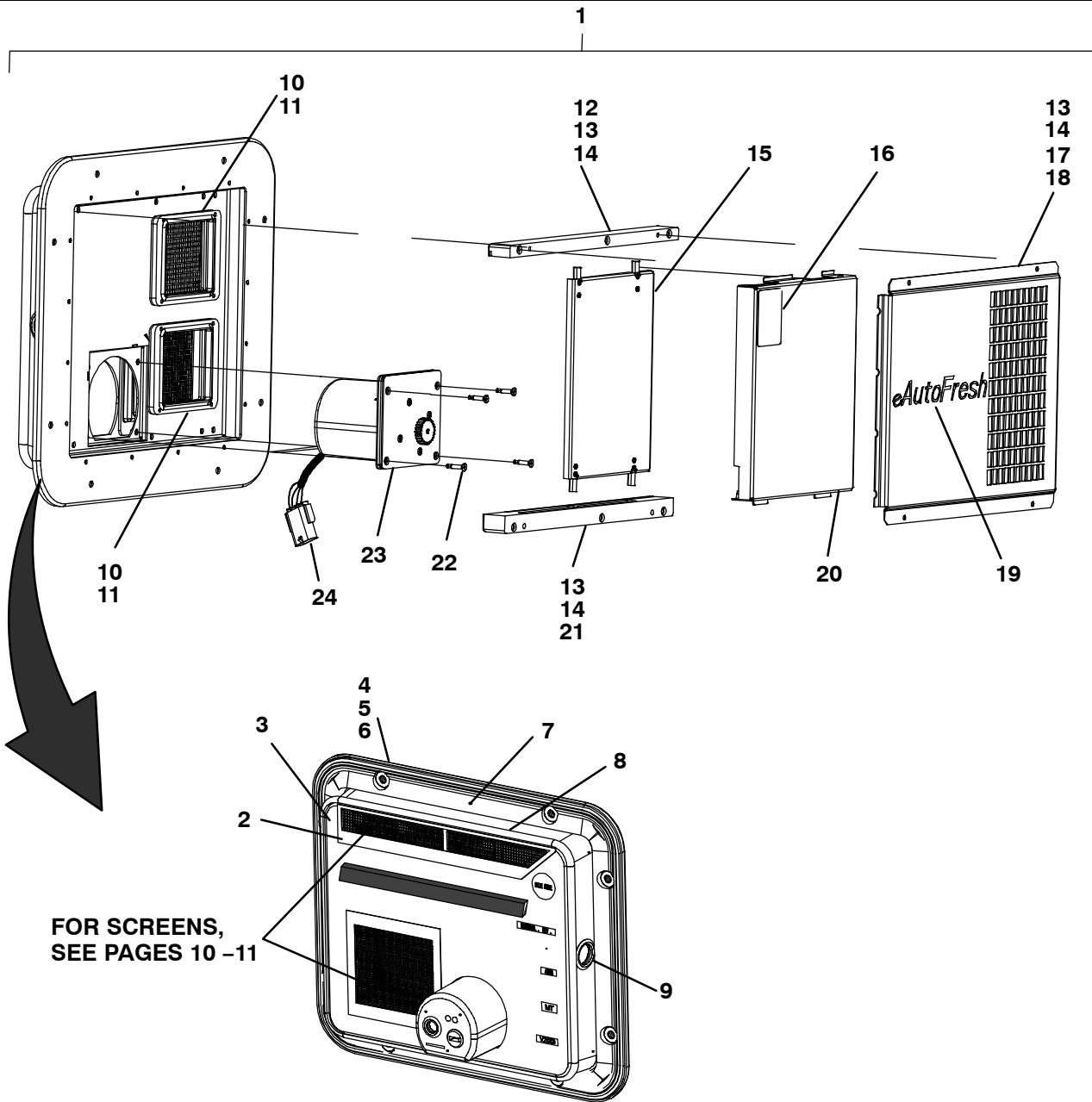
2.3 UPPER FRESH AIR – EAUTOFRESH



2.3 UPPER FRESH AIR – EAUTOFRESH (Continued)

Item	Part Number	Description	Qty
1	40-00601-05	Tube, Support 1/4 OD X 0.040 W	1
2	22-01713-26	Harness, eAutoFresh, ML3 (SEE SECTION 2.44, OPTION 8)	1
3	22-01713-20	Harness, Plug (SEE SECTION 2.44, OPTION 8)	1
4	58-00065-77	Grommet, 0.38 ID X 1.25 OD	1
5	10-00388-00	Powerpack, Stepper Motor	1
6	66U1-5371-6	Screw, Mach Hex Head #10-24 X 0.750 Slotted	10
7	66U1-5321-8	Washer, Plain #10 Type A	4
8	66CH1-1172-2	Trim, Flexible 2.00 Long	1
9	44-00361-00	Clip, Retaining 0.88-1.00 Wire Mtg	2
10	66U1-3882	Wire Tie 1/16-1-3/4 Selflocking	11
11	58-04251-01	Screen, 16 X 16 Mesh	1
12	58-04251-02	Screen, 16 X 16 Mesh	1
13	22-01713-21	Harness, Plug (SEE SECTION 2.44, OPTION 8)	1
14	22-01835-00	Connector, 5 Socket Weatherpack	1
15	34-06154-00	Screw, Captive Hex Head 1/4-20 X 1.00 TIR	2
16	34-06053-13	Washer, Retaining 0.19 ID X 0.80 OD (0.250)	8
17	34-06212-12	Washer, Plain 1/4 N Type A	8
18	34-00655-08	Screw, Captive Hex Head 1/4-20 X 1.00	6
19	68-14739-00	Bracket, 0.063 Thick Alum	1
20	34-00928-03	Rivet, Blind 0.125 Diameter 0.188-0.250	2
21	58-00065-84	Grommet, 0.25 X 0.50 X 0.187 Panel	1
22	58-04497-01	Tube, 1/4 OD X 6.25 L	2
23	40-00640-00	Union, Bulkhead Double Brb/Comp Align	1
24	58-04497-04	Tube, 1/4 OD X 7.75 L	1
25	68-14738-00	Bracket, Mounting 0.090 Thk Alum	1
26	34-00373-07	Clamp, Tube 0.62 Diameter Cushion	2
27	KA70PP048	Fitting, Hose 1/8 ID Barb X 1/8 NPT	1
28	30-00415-01	Filter Assembly, Sample Air, 1/8 NPT	1
29	40-00297-00	Coupling, 1/8 X 1/8 Pipe Thread	2
30	40-00108-03	Coupling, Half Union	1
31	22-01613-08	Receptacle, 4 Pin	1
32	22-01613-09	Lock, Secondary 4 Pin (R)	1
33	58-00065-78	Grommet, 0.25 ID X 1.25 OD	1
34	10-00398-00	Sensor Carbon Dioxide – Includes:	1
35	22-01613-10	Plug	1
36	22-01613-11	Lock	1
37	22-06163-15	Socket	1
38	22-01777-03	Contact Socket, 20 AWG	7

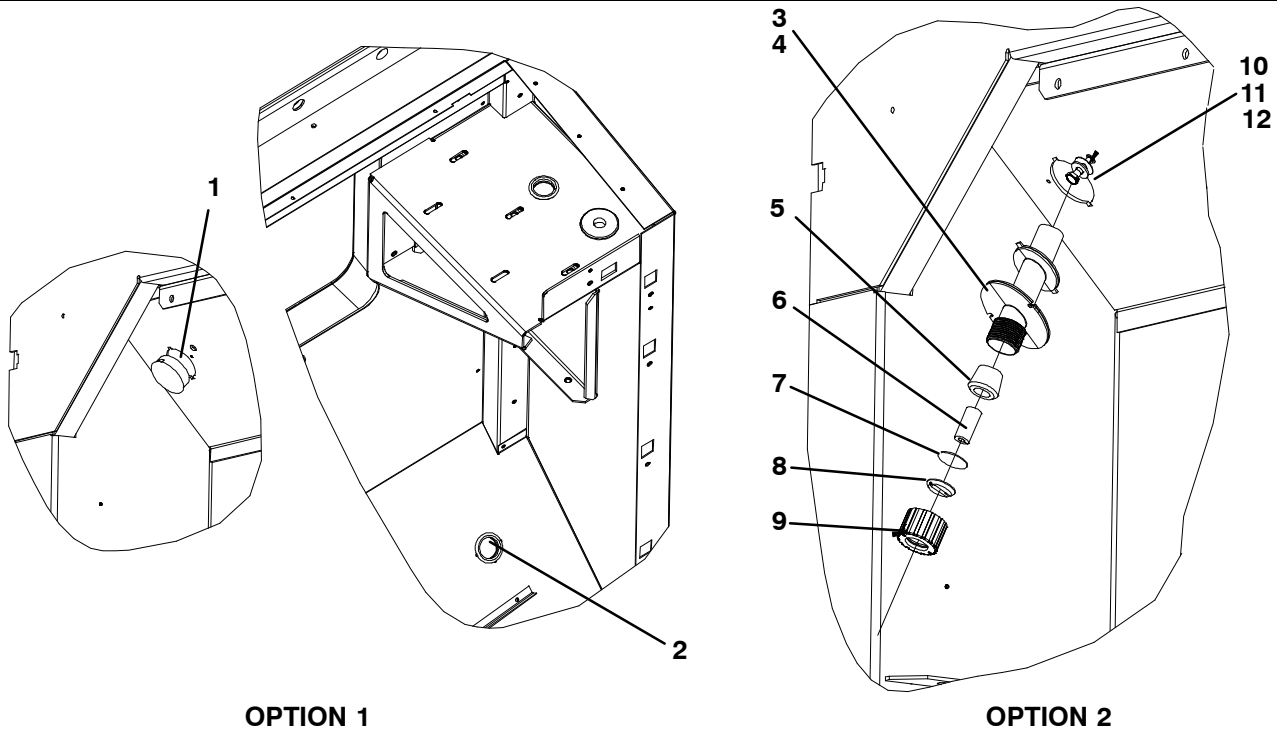
2.3 UPPER FRESH AIR – EAUTOFRESH (Continued)



2.3 UPPER FRESH AIR – EAUTOFRESH (Continued)

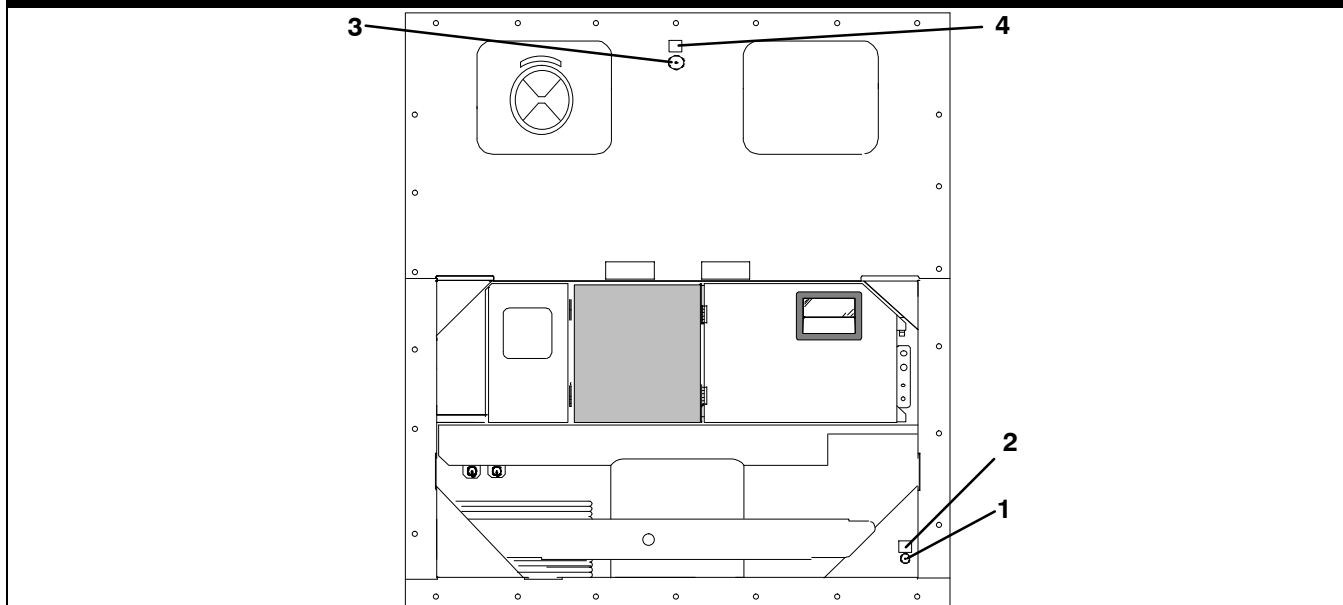
Item	Part Number	Description	Qty
1	79-66643-00	eAutoFresh White Panel Includes:	A/R
	79-66643-01	eAutoFresh Orange Panel Includes:	A/R
2	66U1-2552-185	Gasket	1
3	58-66642-00	Panel Assembly – Includes:	1
4	68-11989-08	Cover, Access, White	A/R
	68-11989-10	Cover, Access, Orange	A/R
5	34-00928-09	Rivet, Blind	16
6	86-66704-00	Box Assembly, Recess, White	A/R
	86-66704-01	Box Assembly, Recess, Orange	A/R
7	42-00296-01	Gasket	1
8	42-00327-00	Gasket	1
9	66U1-5562-2	Plug Button	1
10	58-66640-00	Collar	2
11	34-00928-06	Rivet, Blind	8
12	58-66644-00	Rail Top	1
13	66U1-6651-26	Screw, Machine Pan Head	12
14	34-00662-08	Washer, Plain	15
15	79-66640-00	Plate Assembly – Slide	1
16	62-66697-00	Label Warning, eAutoFresh	1
17	68-14715-00	Grille, White	A/R
	68-14715-01	Grille, Orange	A/R
18	58-04026-56	Protector	7
19	62-66701-00	Label, eAutoFresh	1
20	79-66642-00	Plate Assembly – Gasket	1
21	58-66645-00	Rail Bottom	1
22	34-66642-09	Screw, Flat Head	4
23	79-66641-00	Cup Assembly, White – Includes:	A/R
	79-66641-01	Cup Assembly, Orange – Includes:	A/R
24	22-02392-03	Connector, Female	1

2.4 BULKHEAD PENETRATION – UPPER AIR EXCHANGE



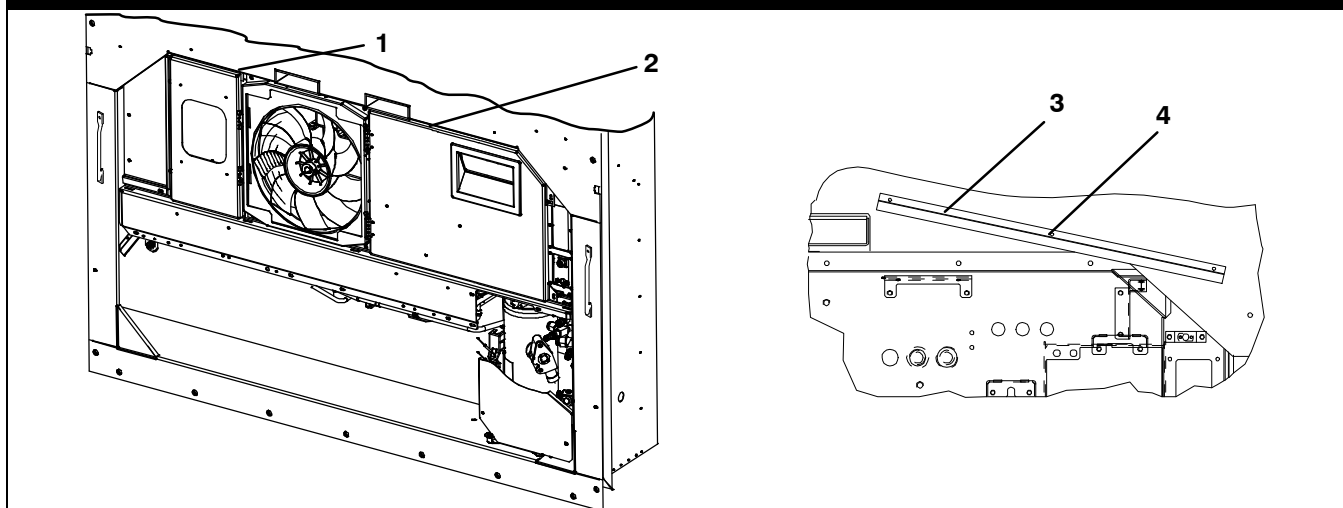
Item	Part Number	Description	Qty
OPTION 1 – NOT INSTALLED			
1	58-00616-00	Plug, Hole 2.00 Diameter X 0.12 Panel	1
2	66U1-5562-2	Plug Button, 1.25 Diameter Hole	1
OPTION 2 – STANDARD INSTALLED			
3	58-04290-01	Fitting, Bulkhead	1
4	34-00928-04	Rivet, Blind, 1/8 Diameter, Grip Range 1/4 – 5/16	4
5	22-01602-02	Bushing, 0.625 ID X 0.88 Long	1
6	58-04302-01	Grommet, 0.25 ID X 1.25 Long	1
7	69NT35-8258	Disc, 0.040 Thick Aluminum	1
8	22-01602-03	Gotcha Ring, 0.312-0.375	1
9	22-01733-01	Nut, Straight (with TIR Holes)	1
10	34-06154-00	Screw, Captive Hex Head 1/4-20 X 1.00 TIR	1
11	34-06053-00	Washer, 0.250 ID X 0.800 OD	1
12	66U1-5321-7	Washer, Plain 1/4 W Type A	1

2.5 THERMOMETER PORT

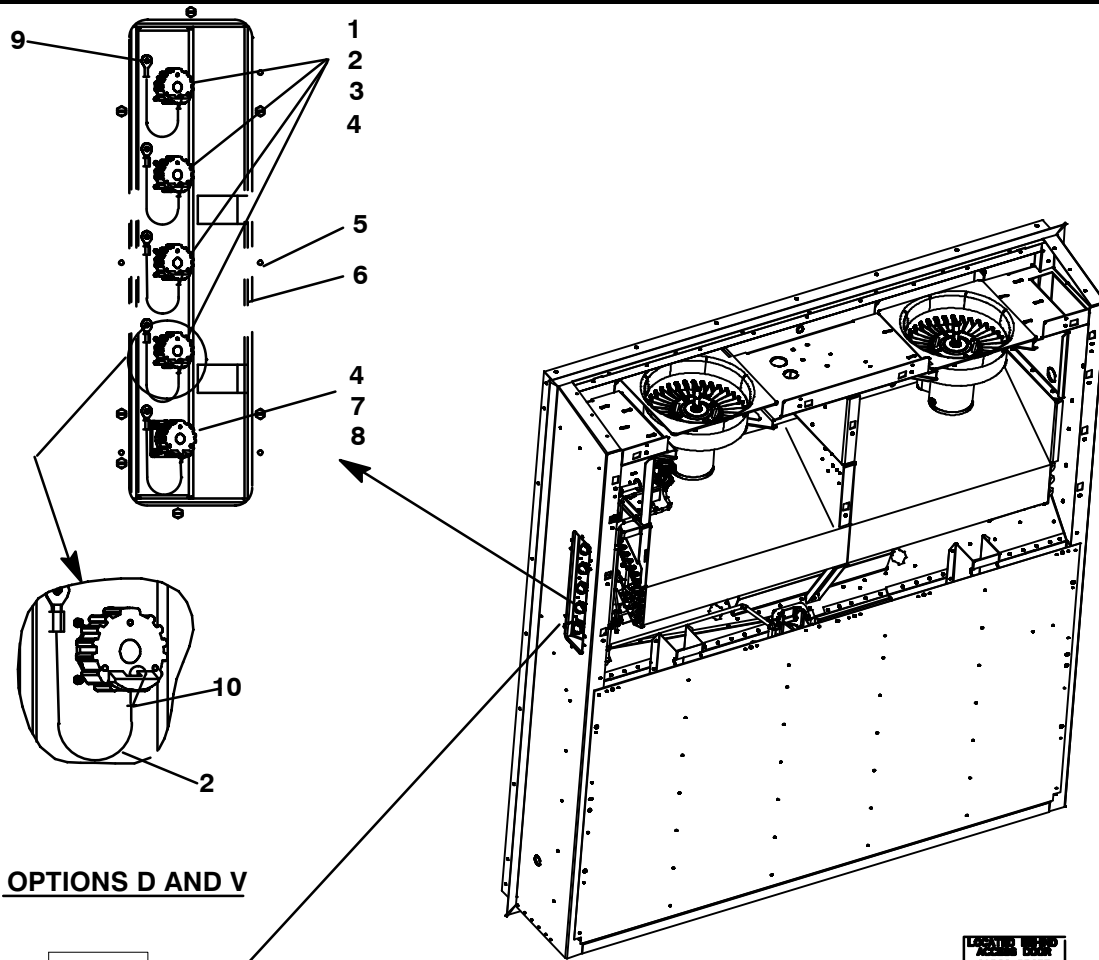


Item	Part Number	Description	Qty
OPTION 1 – SUPPLY AIR PORT			
1	66U1-8662	Cap and Chain Assembly	1
2	62-10557-00	Label	1
OPTION 2 – RETURN AIR PORT			
3	66U1-8662	Cap and Chain Assembly	1
4	62-10557-00	Label	1
OPTION B – SUPPLY AND RETURN PORTS			
1, 3	66U1-8662	Cap and Chain Assembly	2
2, 4	62-10557-00	Label	2

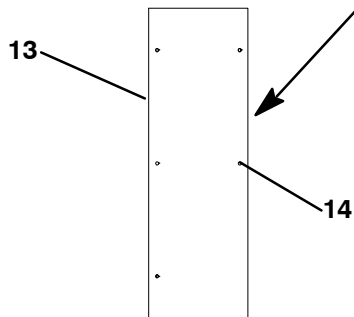
2.6 RAIN GUTTERS



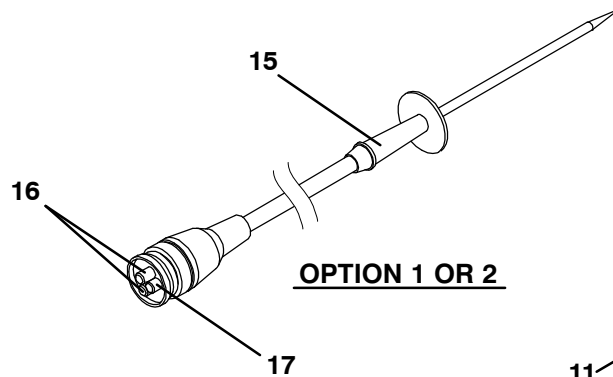
Item	Part Number	Description	Qty
OPTION 1 – BOLTED			
1	69NT35-3997-1	Gutter, Rain (Bolted, Standard – Left Side)	1
2	69NT35-3987	Gutter, Rain (Bolted, Standard – Right Side)	1
OPTION 4 – RIVETED			
3	68-12417-00	Gutter, Rain (Riveted – Right and Left Side)	2
4	34-00928-13	Rivet, Blind 0.187 Diameter 0.126-0.250	6



OPTIONS D AND V



OPTION P



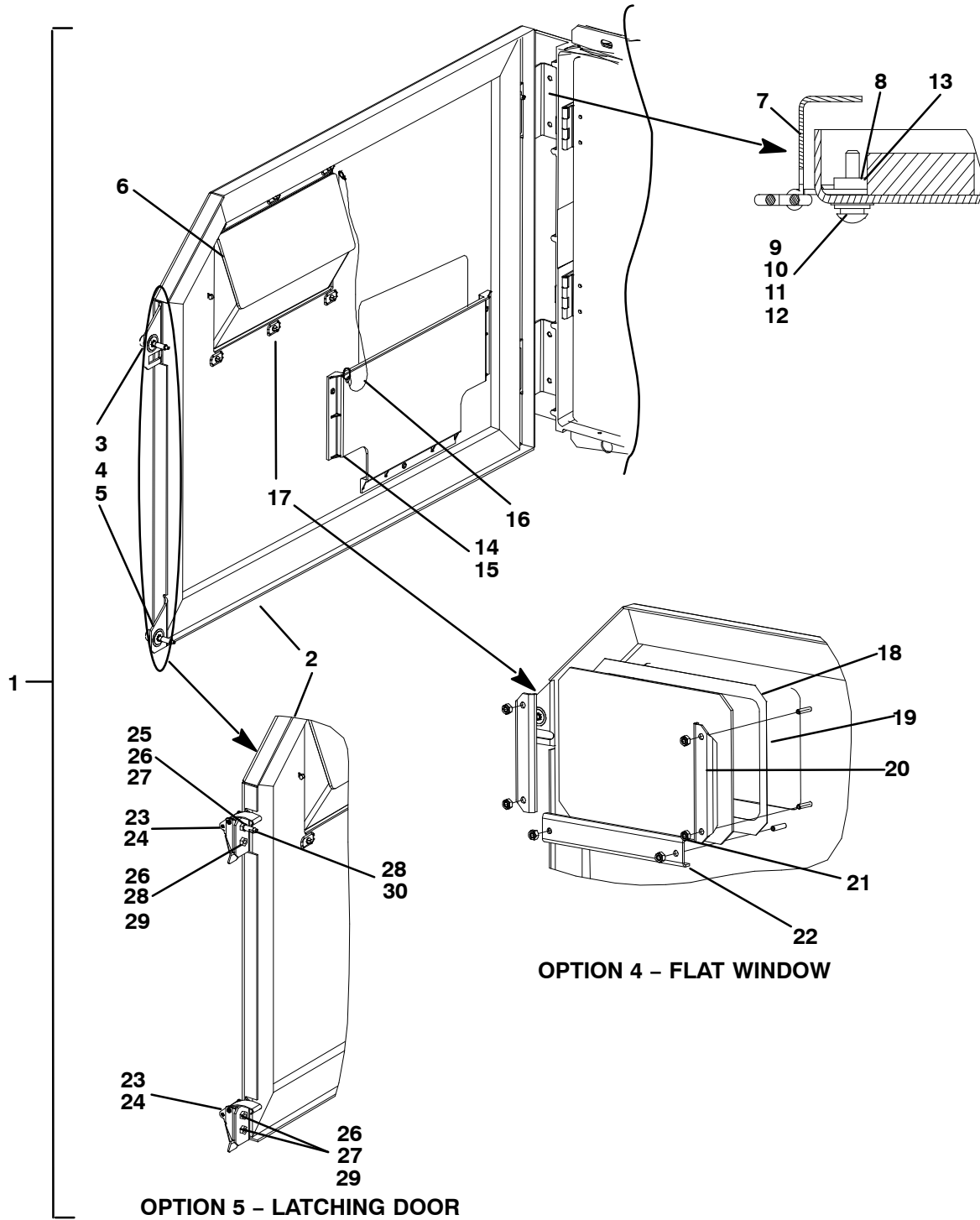
OPTION 1 OR 2



12 — **USDA COLD TREATMENT CERTIFIED**

2.7 USDA (Continued)			
Item	Part Number	Description	Qty
OPTION D			
1	Receptacle (PR1, PR2, PR3, Cargo Probe 4) (3-Pin) (Refer to Section 2.44)		
2	69NT35-636-1	Tether Assembly	5
3	22-01660-02	Cap, Dust, (3-Pin Receptacle)	4
4	22-01660-08	Plug, Sealing	4
5	66U1-5371-7	Screw, Mach Hex Head, #10-24 X 0.500 Slotted	7
6	68-14444-00	Panel Assembly, 0.063 Thick Alum	1
7	Receptacle, Interrogator (ICR), 5-Pin (Refer to Section 2.44)		
8	22-01660-05	Cap, Dust (5-Pin Receptacle)	1
9	34-06142-00	Rivet, 0.110 Diameter 0.126-.250	25
10	22-02205-00	Connector Splice, Non-insulated	5
NS	66U1-3882	Wire Tie, 1/16-1-3/4 Self-Locking	4
11	69NT35-6118	Label, USDA	1
12	62-10902-03	Label, MI3, USDA, Blue	1
OPTION V			
1	Receptacle (PR1, PR2, PR3, Cargo Probe 4) (3-Pin) (Refer to Section 2.44)		
4	22-01660-08	Plug, Sealing	4
5	66U1-5371-7	Screw, Machine Hex Head, #10-24 X 0.500 Slotted	7
6	68-14444-01	Panel Assembly, 0.063 Thick Aluminum	1
7	Receptacle, Interrogator (5-Pin) (Refer to Section 2.44)		
8	22-02413-00	Cap, Dust, 5-Pin	1
10	22-02205-00	Connector, Splice, Non-Insulated	4
2	69NT35-636-1	Tether Assembly	4
3	22-01660-02	Cap, Dust, 3-Pin Receptacle	4
9	34-06142-00	Rivet, 0.110 Diameter 0.126-.250	25
NS	66U1-3882	Wire Tie, 1/16-1-3/4, Self-Locking	4
11	62-11274-00	Label, USDA	1
OPTION P			
13	68-14628-00	Plate	1
14	34-00928-09	Rivet, Blind, 0.156 Diameter	6
FIELD INSTALLED KITS (FOR UNITS WITH USDA PROVISIONS)			
-	76-00676-00	Kit, USDA (For field installation, units provisioned for side-mounted USDA) – Includes all of OPTION D	-
USDA PROBE KITS			
OPTION 1			
15	12-50089-00	Sensor Assembly, 600" Long (15M) (USDA Probe) – Includes:	A/R
16	22-50127-00	Plug, Socket (PR1, PR2, PR3, Cargo Probe 4)	1
17	22-01613-15	Contact, Socket, #16 (Used with 22-50127-00 and 22-01660-04)	A/R
OPTION 2			
15	12-00342-04	Sensor Assembly, Customer Specific , 600" Long (15M) (USDA Probe) – Includes:	A/R
16	22-50127-00	Plug, Socket (PR1, PR2, PR3, Cargo Probe 4)	1
17	22-01613-15	Contact, Socket, #16 (Used with 22-50127-00 and 22-01660-04)	A/R

2.8 CONTROL BOX – DOOR



2.8 CONTROL BOX – DOOR (Continued)			
Item	Part Number	Description	Qty
OPTION 2 – DOOR ASSEMBLY, BLUE, SLOTTED FASTENERS			
1	74-66608-00	Door Assembly, Blue, with Slotted Fasteners – Includes:	
2	86-04461-00	Door, Control Box	1
3	66U1-6811-8	Screw, Retaining 0.300-0.625, Slotted	2
4	34-06053-00	Washer, 0.250 ID X 0.800 OD	4
5	34-06169-00	Washer, Retaining 0.185 ID X 0.62 OD	2
6	42-00270-02	Gasket, Control Box Door	1
7	44-00300-00	Hinge Assembly, With Tethered Pin	2
8	34-01167-01	Nut, Retainer 10-24 X 1.75	2
9	66U1-2403-1	Screw, 10-24 X 0.750 Slotted	4
10	34-00663-09	Washer, Lock 10 Spring	4
11	66U1-5321-8	Washer, Plain 10 Type A	4
12	34-06053-05	Washer, 0.205 ID X 0.600 OD	4
13	58-04101-00	Protector 1.00 X 2.63	2
14	34-06107-00	Rivet, Blind, 0.125 Diameter 0.188-0.250	3
15	58-04389-00	Pocket	1
16	66U1-3882	Wire Tie, 1/16-1-3/4, Self-Locking	2
17	58-04366-00	Window, Controller Door	1
OPTION 3 – DOOR ASSEMBLY, BLUE, WING FASTENERS			
1	74-66608-02	Door Assembly, Blue, with Wing Fasteners – Includes:	
2	86-04461-00	Door, Control Box	1
3	66U1-6811-15	Screw, Retaining 0.300-0.625, Wing	2
4	34-06053-00	Washer, 0.250 ID X 0.800 OD	4
5	34-06169-00	Washer, Retaining 0.185 ID X 0.62 OD	2
6	42-00270-02	Gasket, Control Box Door	1
7	44-00300-00	Hinge Assembly, With Tethered Pin	2
8	34-01167-01	Nut, Retainer 10-24 X 1.75	2
9	66U1-2403-1	Screw, 10-24 X 0.750 Slotted	4
10	34-00663-09	Washer, Lock 10 Spring	4
11	66U1-5321-8	Washer, Plain 10 Type A	4
12	34-06053-05	Washer, 0.205 ID X 0.600 OD	4
13	58-04101-00	Protector 1.00 X 2.63	2
14	34-06107-00	Rivet, Blind, 0.125 Diameter 0.188-0.250	3
15	58-04389-00	Pocket	1
16	66U1-3882	Wire Tie, 1/16-1-3/4, Self-Locking	2
17	58-04366-00	Window, Controller Door	1

2.8 CONTROL BOX – DOOR (Continued)

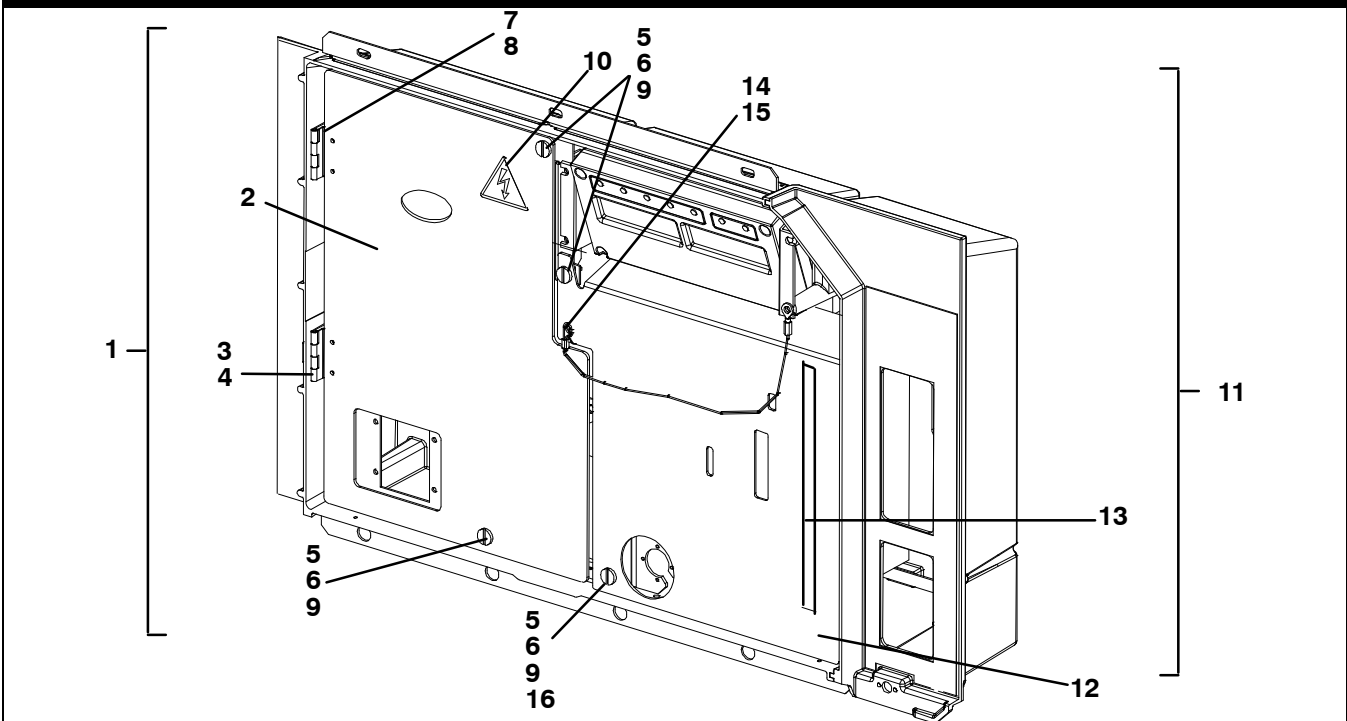
Item	Part Number	Description	Qty
OPTION 4 – DOOR ASSEMBLY, BLUE, WING FASTENERS AND FLAT WINDOW			
1	74-66608-03	Door Assembly, Blue, with Wing Fasteners and Flat Window – Includes:	
2	86-04461-00	Door, Control Box	1
3	66U1-6811-15	Screw, Retaining 0.300-0.625, Wing	2
4	34-06053-00	Washer, 0.250 ID X 0.800 OD	4
5	34-06169-00	Washer, Retaining 0.185 ID X 0.62 OD	2
6	42-00270-02	Gasket, Control Box Door	1
7	44-00300-00	Hinge Assembly, With Tethered Pin	2
8	34-01167-01	Nut, Retainer 10-24 X 1.75	2
9	66U1-2403-1	Screw, 10-24 X 0.750 Slotted	4
10	34-00663-09	Washer, Lock 10 Spring	4
11	66U1-5321-8	Washer, Plain 10 Type A	4
12	34-06053-05	Washer, 0.205 ID X 0.600 OD	4
13	58-04101-00	Protector 1.00 X 2.63	2
14	34-06107-00	Rivet, Blind, 0.125 Diameter 0.188-0.250	3
15	58-04389-00	Pocket	1
16	66U1-3882	Wire Tie, 1/16-1-3/4, Self-Locking	2
17	NSS	Window Assembly, Flat – Includes:	1
18	42-00611-00	Foam, Double Coated	1
19	69NT35-5022-6	Window	1
20	68-14817-00	Bracket, Mounting	2
21	34-00795-09	Nut, Self Lock 10-32	6
22	68-13724-00	Bracket, Mounting	1
OPTION 5 – DOOR ASSEMBLY, BLUE, LATCHES			
1	74-66608-04	Door Assembly, Blue, with Latches – Includes:	
2	86-66688-01	Door, Control Box, Latch	1
6	42-00270-02	Gasket, Control Box Door	1
7	44-00300-00	Hinge Assembly, With Tethered Pin	2
8	34-01167-01	Nut, Retainer 10-24 X 1.75	2
9	66U1-2403-1	Screw, 10-24 X 0.750 Slotted	4
10	34-00663-09	Washer, Lock 10 Spring	4
11	66U1-5321-8	Washer, Plain 10 Type A	4
12	34-06053-05	Washer, 0.205 ID X 0.600 OD	4
13	58-04101-00	Protector 1.00 X 2.63	2
14	34-06107-00	Rivet, Blind, 0.125 Diameter 0.188-0.250	3
15	58-04389-00	Pocket	1
16	66U1-3882	Wire Tie, 1/16-1-3/4, Self-Locking	2
17	58-04366-00	Window	1
23	58-04026-74	Protector, Latch	2
24	44-66605-00	Latch	2
25	66U1-6651-22	Screw, Mach Pan Head 8-32 X 3/4	1
26	34-00663-08	Washer, Lock	4
27	66U1-5321-2	Washer, Plain	4
28	34-66621-04	Washer, Lock	1
29	66U1-6651-2	Screw, Mach Pan Head 8-32 X 1/2	3
30	48-66611-00	Pin, Guide	1

2.8 CONTROL BOX – DOOR (Continued)			
Item	Part Number	Description	Qty
OPTION 6 – DOOR ASSEMBLY, BLUE, PHILLIPS FASTENERS			
1	74-66608-01	Door Assembly, Blue, with Phillips Fasteners – Includes:	
2	86-04461-00	Door, Control Box	1
3	66U1-6811-12	Screw, Retaining 0.300-0.625, Phillips	2
4	34-06053-00	Washer, 0.250 ID X 0.800 OD	4
5	34-06169-00	Washer, Retaining 0.185 ID X 0.62 OD	2
6	42-00270-02	Gasket, Control Box Door	1
7	44-00300-00	Hinge Assembly, With Tethered Pin	2
8	34-01167-01	Nut, Retainer 10-24 X 1.75	2
9	66U1-2403-1	Screw, 10-24 X 0.750 Slotted	4
10	34-00663-09	Washer, Lock 10 Spring	4
11	66U1-5321-8	Washer, Plain 10 Type A	4
12	34-06053-05	Washer, 0.205 ID X 0.600 OD	4
13	58-04101-00	Protector 1.00 X 2.63	2
14	34-06107-00	Rivet, Blind, 0.125 Diameter 0.188-0.250	3
15	58-04389-00	Pocket	1
16	66U1-3882	Wire Tie, 1/16-1-3/4, Self-Locking	2
17	58-04366-00	Window, Controller Door	1
OPTION 6 – DOOR ASSEMBLY, ORANGE, PHILLIPS FASTENERS			
1	74-66608-05	Door Assembly, Orange, with Phillips Fasteners – Includes:	
2	86-04461-02	Door, Control Box	1
3	66U1-6811-12	Screw, Retaining 0.300-0.625, Phillips	2
4	34-06053-00	Washer, 0.250 ID X 0.800 OD	4
5	34-06169-00	Washer, Retaining 0.185 ID X 0.62 OD	2
6	42-00270-02	Gasket, Control Box Door	1
7	44-00300-00	Hinge Assembly, With Tethered Pin	2
8	34-01167-01	Nut, Retainer 10-24 X 1.75	2
9	66U1-2403-1	Screw, 10-24 X 0.750 Slotted	4
10	34-00663-09	Washer, Lock 10 Spring	4
11	66U1-5321-8	Washer, Plain 10 Type A	4
12	34-06053-05	Washer, 0.205 ID X 0.600 OD	4
13	58-04101-00	Protector 1.00 X 2.63	2
14	34-06107-00	Rivet, Blind 0.125 Diameter 0.188-0.250	3
15	58-04389-00	Pocket	1
16	66U1-3882	Wire Tie, 1/16-1-3/4, Self-Locking	2
17	58-04366-00	Window, Controller Door	1

2.8 CONTROL BOX – DOOR (Continued)

Item	Part Number	Description	Qty
OPTION 6 – DOOR ASSEMBLY, WHITE, PHILLIPS FASTENER			
1	74-66608-06	Door Assembly, White, with Phillips Fasteners – Includes:	
2	86-04461-20	Door, Control Box	1
3	66U1-6811-12	Screw, Retaining 0.300-0.625, Phillips	2
4	34-06053-00	Washer, 0.250 ID X 0.800 OD	4
5	34-06169-00	Washer, Retaining 0.185 ID X 0.62 OD	2
6	42-00270-02	Gasket, Control Box Door	1
7	44-00300-00	Hinge Assembly, With Tethered Pin	2
8	34-01167-01	Nut, Retainer 10-24 X 1.75	2
9	66U1-2403-1	Screw, 10-24 X 0.750 Slotted	4
10	34-00663-09	Washer, Lock 10 Spring	4
11	66U1-5321-8	Washer, Plain 10 Type A	4
12	34-06053-05	Washer, 0.205 ID X 0.600 OD	4
13	58-04101-00	Protector 1.00 X 2.63	2
14	34-06107-00	Rivet, Blind 0.125 Diameter 0.188-0.250	3
15	58-04389-00	Pocket	1
16	66U1-3882	Wire Tie, 1/16-1-3/4, Self-Locking	2
17	58-04366-00	Window, Controller Door	1

2.9 CONTROL BOX – SHIELD



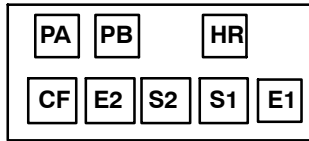
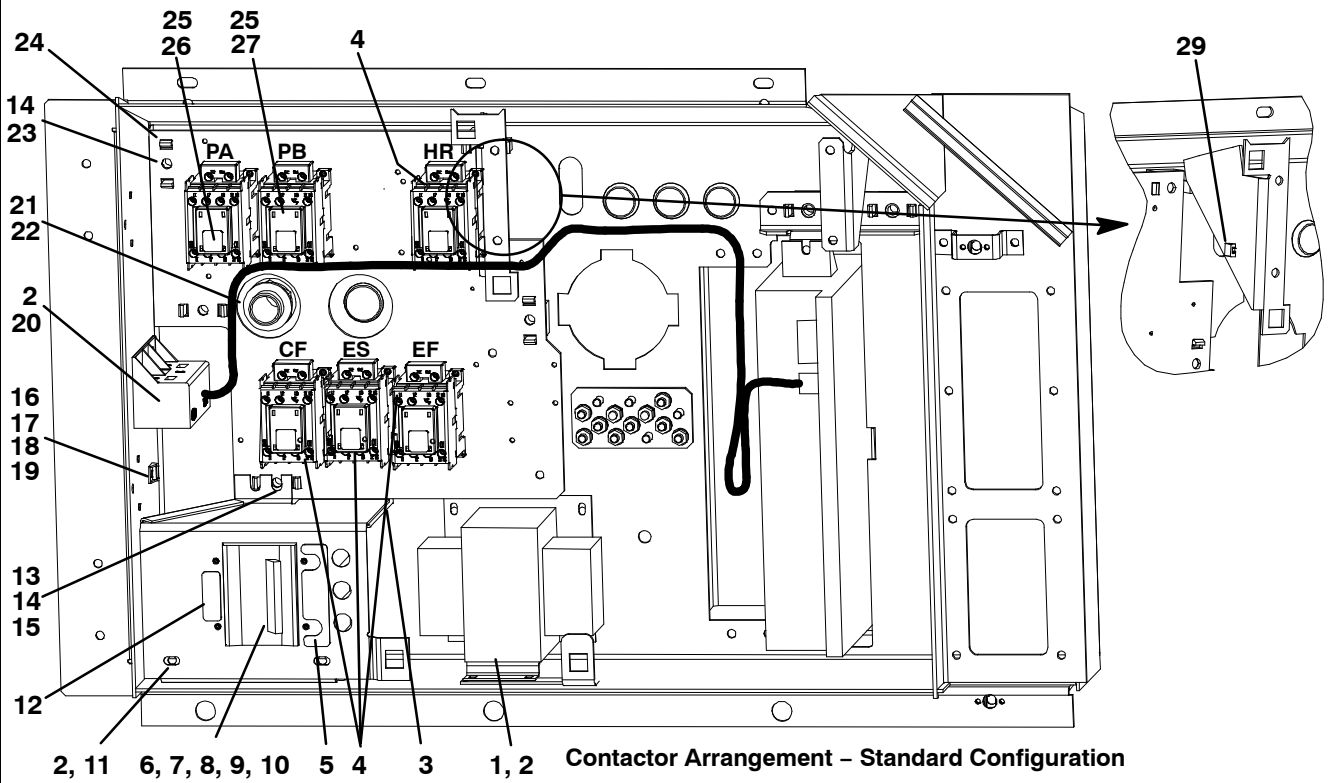
OPTION 1 – HIGH VOLTAGE SHIELD

Item	Part Number	Description	Qty
1	69NT43-125-1	Shield, High Voltage – Includes:	
2	NSS	Panel, High Voltage	1
3	44-00343-00	Hinge	2
4	34-00928-02	Rivet, Blind, 0.125 Diameter, 0.126-0.187	4
5	34-06139-01	Stud, Retaining, 1/4"	2
6	34-06139-00	Retainer, Stud, 1/4"	2
7	AU27JR-131	Washer, Lock	2
8	66U1-2403	Screw, 10-24 X 0.50 Inch	4
9	34-06139-04	Receptacle, Retaining, 1/4"	2
10	62-03957-04	Decal, Warning High Voltage	1

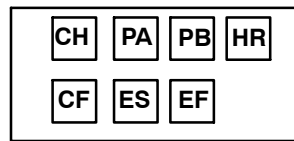
OPTION 2 – LOW VOLTAGE SHIELD

11	69NT43-124-4SV	Shield, Low Voltage – Includes:	
12	NSS	Panel, Low Voltage	1
13	34-06152-00	Fastener, Hook and Lock	1
14	66U1-3882	Wire Tie 1/16-1-3/4 Self locking	2
15	69NT35-636-2	Tether Assembly 16" Long	1
5	34-06139-01	Stud 1/4" Retaining	4
6	34-06139-00	Retainer 1/4" Stud	4
9	34-06139-04	Receptacle 1/4" Retaining	2
16	69NT35-9952	Angle (See Section 2.17 for EBS bracket)	1

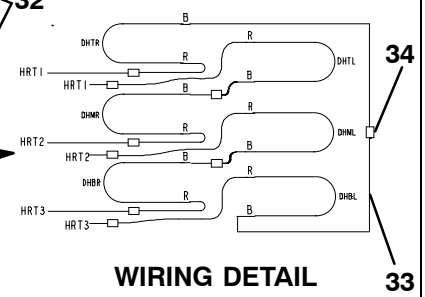
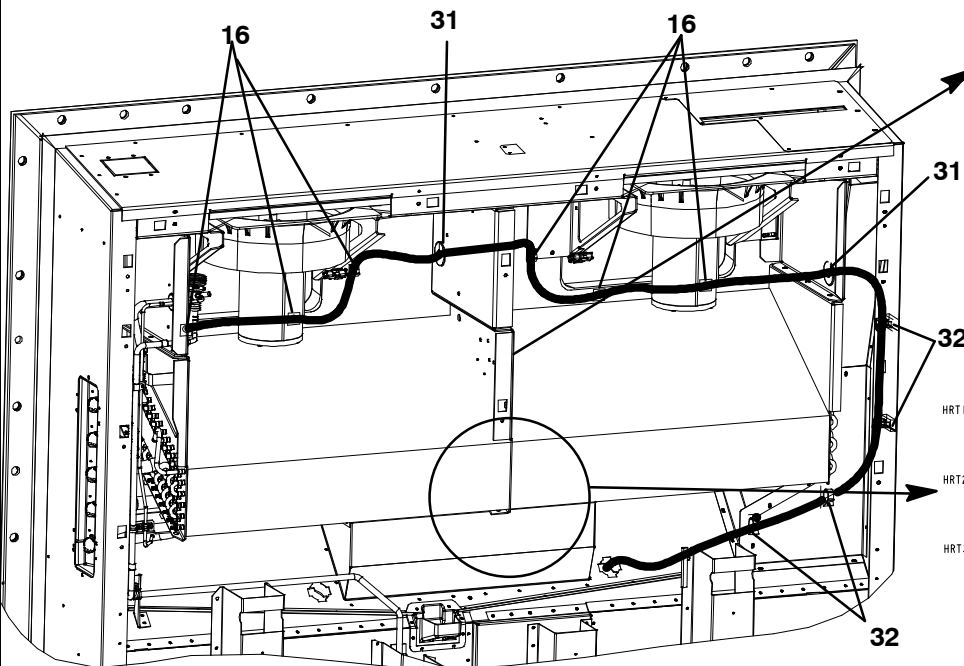
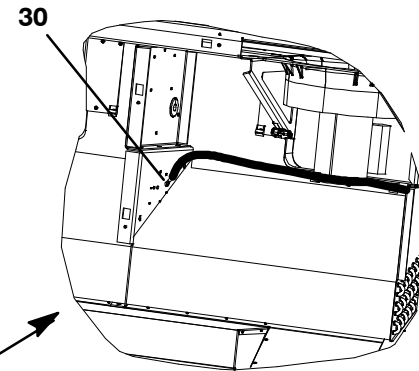
2.10 CONTROL BOX – WIRING



**Contactor Arrangement
Single Fan Capability**

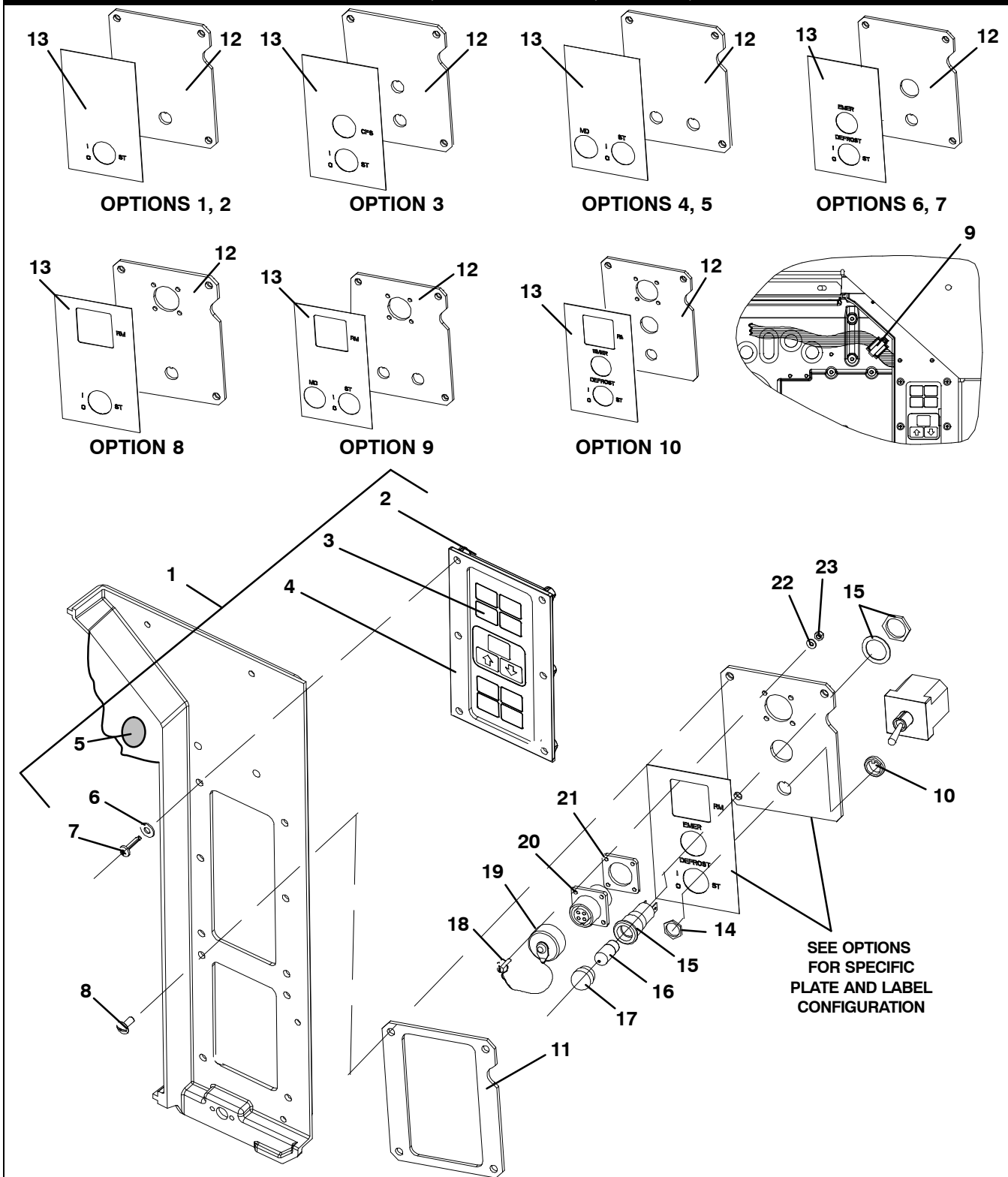


**Contactor Arrangement
Three-Phase Evaporator Motors**



2.10 CONTROL BOX – WIRING (Continued)			
Item	Part Number	Description	Qty
1	10-00332-06	Transformer Base Unit	1
2	34-06223-00	Screw, Captive Wash #10-24 X 0.56	10
3	66CH1-1172-52	Trim, Flexible 4.00 Long	2
4	10-00431-06	Contactors (CF, HR, EF, ES, E1, E2, S1, S2)	A/R
5	69NT35-9073-1	Label CB1 (0.81 X 3.19)	1
6	66U1-7842-12	Circuit Breaker 3 Pole, 600 Volt	1
7	66U1-6651-19	Screw, Mach Pinhead #6-32 X 0.437 Slotted	4
8	34-00663-07	Washer, Lock #6 Spring	4
9	66U1-7842-6	Nut, Hex 10-32 Circuit Breaker	6
10	66U1-7842-7	Washer, Flat #10-32	12
11	69NT35-6278	Bracket 0.080 Thick Aluminum, Plated	1
12	69NT35-9073	Label, CB1 (0.56 X 1.55)	1
13	34-00655-10	Screw, Cap Hex Head 1/4-20 X 1.25	1
14	66U1-5321-7	Washer, Plain 1/4 W Type A	5
15	34-06053-13	Washer, Retaining 0.19 ID X.80 OD (0.250)	1
16	66U1-3882	Wire Tie 1/16-1-3/4 Self-locking	52
17	34-00663-09	Washer, Lock #10 Spring	1
18	66U1-5371-7	Screw, Mach Hex Head #10-24 X 0.500 Slotted	1
19	58-04246-00	Ty-Rap Base (#10) Mounting Tab	1
20	10-00439-01	Transformer, Current Sensor – Includes:	1
	22-01622-00	Connector	1
	22-01622-03	Terminal	4
21	66U1-1251-2	O-Ring 3/4 Hub Sealing	1
22	66U1-7352-3	Connector, Straight, Watertight	1
23	34-00655-08	Screw, Cap Hex Head 1/4-20 X 1.00	4
24	58-00967-00	Spacer Locking (Subpanel)	5
25	10-00431-07	Contactors (CH, PA, PB)	A/R
26	62-11018-00	Label, Contactor Cover	2
27	10-00431-08	Cover, Contactor	2
28	34-06243-00	Screws #8-32 X 0.750, Slotted, SST	2
29	58-04316-00	Base, Mounting 0.250 Diameter Mounting Hole	4
30	34-01178-22	Screw, Hex Head, #8-32 X 1/2 Long – SST	1
31	58-04273-00	Grommet Split 0.69 X 1.88 X 0.12	2
32	44-00361-00	Clip, Retaining 0.88-1.00 Wire Mounting	4
33	66U2-1132-1	Connector, Electric, 16-14 Gage, Non-Insulated	9
34	66U1-3803	Tube, Heat Shrink 0.25 X 2.12 Black	9

2.11 CONTROL BOX – RMU RECEPTACLE, SWITCH PANEL, NO RMU, INTERNAL VIEWS

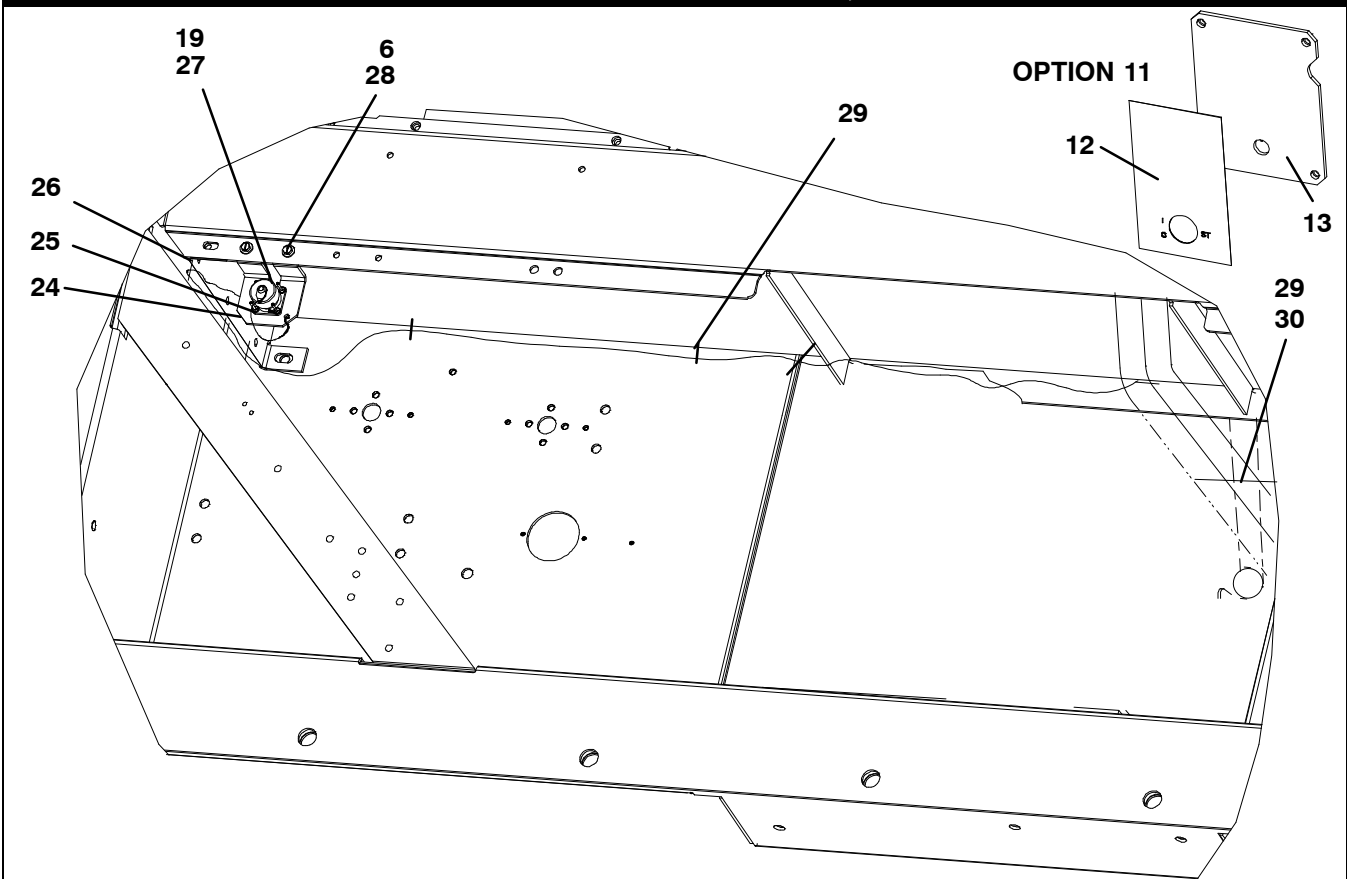


2.11 CONTROL BOX – RMU RECEPTACLE, SWITCH PANEL, NO RMU, INTERNAL VIEWS (Continued)			
Item	Part Number	Description	Qty
STANDARD PARTS INCLUDED IN OPTIONS			
1	79-66669-00	Key Pad Assembly – Includes:	1
2	NSS	Plate, Backup Keypad, Composite Box	1
3	NSS	Key Pad, Core Micro	1
4	NSS	Gasket Keypad, 0.125 Thick	1
5	NSS	Dot, Indicator (Green) – See NOTE	1
6	34-06212-10	Washer, Plain #10 Type A	6
7	34-66630-00	Screw, Pinhead #10-9 X 0.75 Long	6
8	34-66629-05	Screw, Machined Thread #10-24 X 0.750 Slotted	4
9	44-00391-00	Clamp	1
10	66U1-9752	Seal 0.427/0.432, Bushing	2
11	42-00608-00	Gasket Switch Plate	1
OPTION 1 – NO REMOTE MONITORING, START SWITCH PLATE			
See Previous Section for Standard Parts and use with Items Below:			
12	68-14796-00	Plate, Switch	1
13	62-10914-00	Switch Label, ST	1
14	10-01129-20	Nut, Hex 15/32-32 Un-2B	2
OPTION 2 – NO REMOTE MONITORING, START WITH BOOT SWITCH PLATE			
See Previous Section for Standard Parts and use with Items Below:			
12	68-14796-00	Plate, Switch ST	1
13	62-10914-00	Switch Label, ST	1
14	66U2-1081	Boot Toggle Switch	1
OPTION 3 – NO REMOTE MONITORING, CFS SWITCH PLATE			
See Previous Section for Standard Parts and use with Items Below:			
12	68-14796-01	Plate, Switch ST, Compressor Fan Switch	1
13	62-10914-01	Switch Label, ST, CFS	1
14	10-01129-20	Nut, Hex 15/32-32 Un-2B	2
OPTION 4 – NO REMOTE MONITORING, MANUAL DEFROST SWITCH PLATE			
See Previous Section for Standard Parts and use with Items Below:			
12	68-14796-05	Plate, Switch ST, Manual Defrost	1
13	62-10914-05	Switch Label, ST, MD	1
14	10-01129-20	Nut, Hex 15/32-32 Un-2B	2
OPTION 5 – NO REMOTE MONITORING, MD WITH BOOT SWITCH PLATE			
See Previous Section for Standard Parts and use with Items Below:			
12	68-14796-05	Plate, Switch ST, Manual Defrost	1
13	62-10914-05	Switch Label, ST, MD	1
14	66U2-1081	Boot Toggle Switch	2
OPTION 6 – NO RM, AMBER DEFROST LIGHT			
See Previous Section for Standard Parts and use with Items Below:			
12	68-14796-02	Plate, Switch ST, DL	1
13	62-10914-02	Switch Label, ST, EMER, DEFROST	1
14	10-01129-20	Nut, Hex 15/32-32 Un-2B	1
15	22-00518-01	Base Pilot Light	1
16	22-00049-01	Lamp, Incandescent, 24 VDC	1
17	22-00519-03	Jewel Assembly Pilot Light, Amber	1
NOTE			
If unit is not fitted with a green indicator dot (see Item 5) on upper right corner of the control box door, install dot as illustrated.			

2.11 CONTROL BOX – RMU RECEPTACLE, SWITCH PANEL, NO RMU, INTERNAL VIEWS (Continued)

Item	Part Number	Description	Qty
OPTION 7 – NO RM, RED DEFROST LIGHT			
See Previous Section for Standard Parts and use with Items Below:			
12	68-14796-02	Plate, Switch ST, DL	1
13	62-10914-02	Switch Label, ST, EMER, DEFROST	1
14	10-01129-20	Nut, Hex 15/32-32 Un-2B	1
15	22-00518-01	Base Pilot Light	1
16	22-00049-01	Lamp, Incandescent, 24 VDC	1
17	22-00519-01	Jewel Assembly Pilot Light, Red	1
OPTION 8 – WITH REMOTE MONITORING, INTERNAL			
See Previous Page for Standard Parts and use with Items Below:			
12	68-14796-03	Plate, Switch ST, RM	1
13	62-10914-03	Switch Label, ST, RM	1
14	10-01129-20	Nut, Hex 15/32-32 Un-2B	1
18	34-00848-10	Screw, Machined Roundhead #4-40 X 0.625	4
19	22-02341-01	Cap and Tether Receptacle Assembly	1
20	22-01604-00	Receptacle, 4 Connections	1
21	MS510074	Gasket	1
22	66U1-5321-6	Washer, Plain 0.125 ID Type A	4
23	34-00667-05	Nut, Self Lock 4-40	4
OPTION 9 – WITH REMOTE MONITORING AND MD SWITCH, INTERNAL			
See Previous Page for Standard Parts and use with Items Below:			
12	68-14796-06	Plate, Switch ST, RM, MD	1
13	62-10914-06	Switch Label, ST, RM, MD	1
14	10-01129-20	Nut, Hex 15/32-32 Un-2B	1
18	34-00848-10	Screw, Machined Roundhead #4-40 X 0.625	4
19	22-02341-01	Cap and Tether Receptacle Assembly	1
20	22-01604-00	Receptacle 4 Connections	1
21	MS510074	Gasket	1
22	66U1-5321-6	Washer, Plain 0.125 ID Type A	4
23	34-00667-05	Nut, Self Lock 4-40	4
OPTION 10 – WITH REMOTE MONITORING AND AMBER DEFROST LIGHT, INTERNAL			
See Previous Page for Standard Parts and use with Items Below:			
12	68-14796-04	Plate, Switch ST, RM, EB, DL	1
13	62-10914-04	Switch Label, ST, RM, EMER, DEFROST	1
14	10-01129-20	Nut, Hex 15/32-32 Un-2B	1
15	22-00518-01	Base Pilot Light	1
16	22-00049-01	Lamp Incandescent, 24 VDC	1
17	22-00519-03	Jewel Assembly Pilot Light Amber	1
18	34-00848-10	Screw, Machined Roundhead #4-40 X 0.625	4
19	22-02341-01	Cap and Tether Receptacle Assembly	1
20	22-01604-00	Receptacle 4 Connections	1
21	MS510074	Gasket	1
22	66U1-5321-6	Washer, Plain 0.125 ID Type A	4
23	34-00667-05	Nut, Self Lock 4-40	4

2.12 CONTROL BOX – RMU RECEPTACLE AND SWITCH PANEL, EXTERNAL VIEW



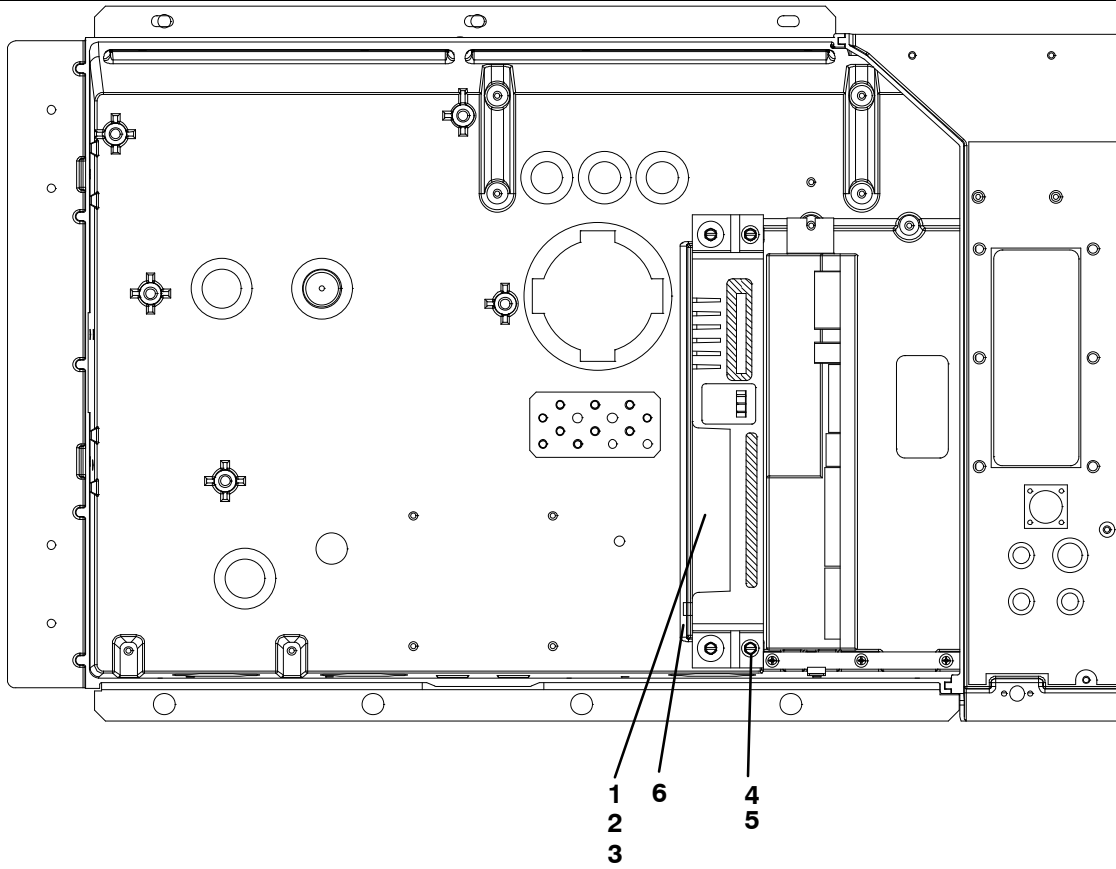
OPTION 11 – WITH REMOTE MONITORING, EXTERNAL

Item	Part Number	Description	Qty
2	58-04456-00	Plate, Backup Keypad, Comp Box (See NOTE)	1
3	12-00290-04	Key Pad, Core Micro (See NOTE)	1
4	42-00271-00	Gasket Keypad, 0.125 Thick (See NOTE)	1
6	34-06212-10	Washer, Plain #10 Type A	6
7	34-66630-00	Screw, Pinhead #10-9 X 0.75 Long (See NOTE)	6
8	34-66629-05	Screw, Machined Thread #10-24 X 0.750 Slotted (See NOTE)	4
9	44-00391-00	Clamp (See NOTE)	1
10	66U1-9752	Seal 0.427/0.432, Bushing (See NOTE)	2
11	42-00608-00	Gasket Switch Plate (See NOTE)	1
12	68-14796-00	Plate, Switch ST	1
13	62-10914-00	Switch Label, ST	1
19	22-02341-01	Cap and Tether Receptacle Assembly	1
24	69NT40-222	Bracket Assembly	1
25	34-00928-03	Rivet, Blind 0.125 Diameter 0.188-0.250	4
26	66U1-3882	Wire Tie, 1/16-1-3/4 Self-locking	4
27	22-02205-00	Connector Splice, Non-Insulated	1
28	66U1-5371-7	Screw, Machined Hex Head #10-24 X 0.500 Slotted	2
29	66U1-3882-3	Wire Tie, 1/16-4.0 Self-locking	2
30	58-04316-00	Base, Mounting 0.250 Diameter Mounting Hole	3

NOTE

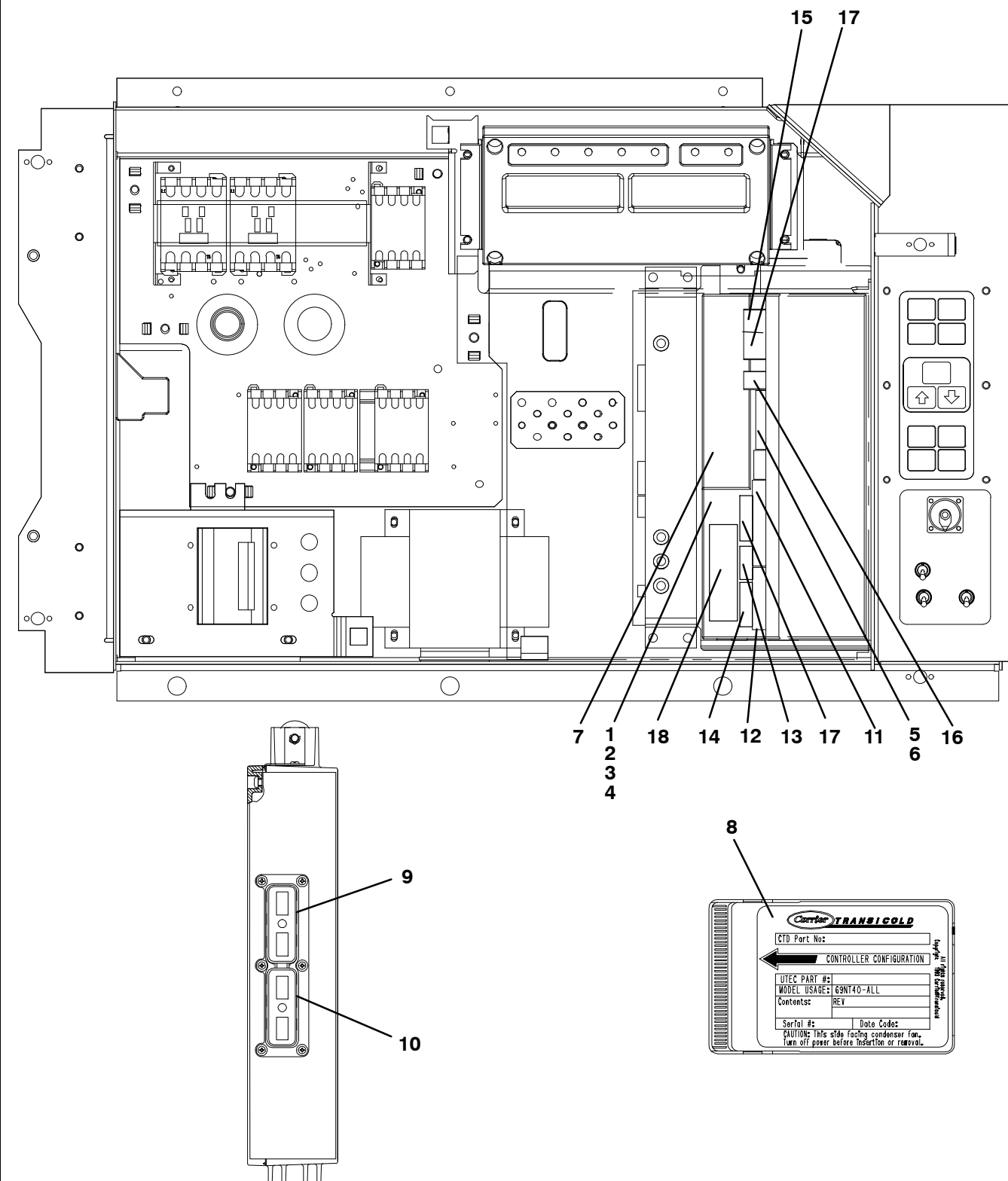
See Section 2.11 (page 26) for Items 2, 3, 4, 7, 8, 9.

2.13 CONTROL BOX – REMOTE MONITORING UNIT (RMU)



2.13 CONTROL BOX – REMOTE MONITORING UNIT (RMU) – Continued			
Item	Part Number	Description	Qty
OPTION 2 – COMMUNICATIONS INTERFACE MODULE – HIGH DATA RATE			
1	12-00573-01SV	Module, Communications Interface – Includes:	1
2	66U1-3442-2	Stud, Fastener, 1/4 Turn, 0.705 Long – SST	4
3	66U1-9212-1	Retainer, Push-on	4
4	34-06223-00	Screw, Captive Washer #10-24 X 0.56 – SST	2
5	58-01184-01	Retainer, Screw 0.75 OD	2
6	22-01556-00	Connector (CIA) 7-Pin	1
OPTION 4 – COMMUNICATIONS INTERFACE MODULE – LOW DATA RATE			
1	12-00275-19SV	Module, Communications Interface – Includes:	1
2	66U1-3442-2	Stud, Fastener, 1/4 Turn, 0.705 Long – SST	4
3	66U1-9212-1	Retainer, Push-on	4
4	34-06223-00	Screw, Captive Washer #10-24 X 0.56 – SST	4
5	58-01184-00	Retainer, Screw 0.75 OD	4
6	22-01556-00	Connector (CIA) 7-Pin	1

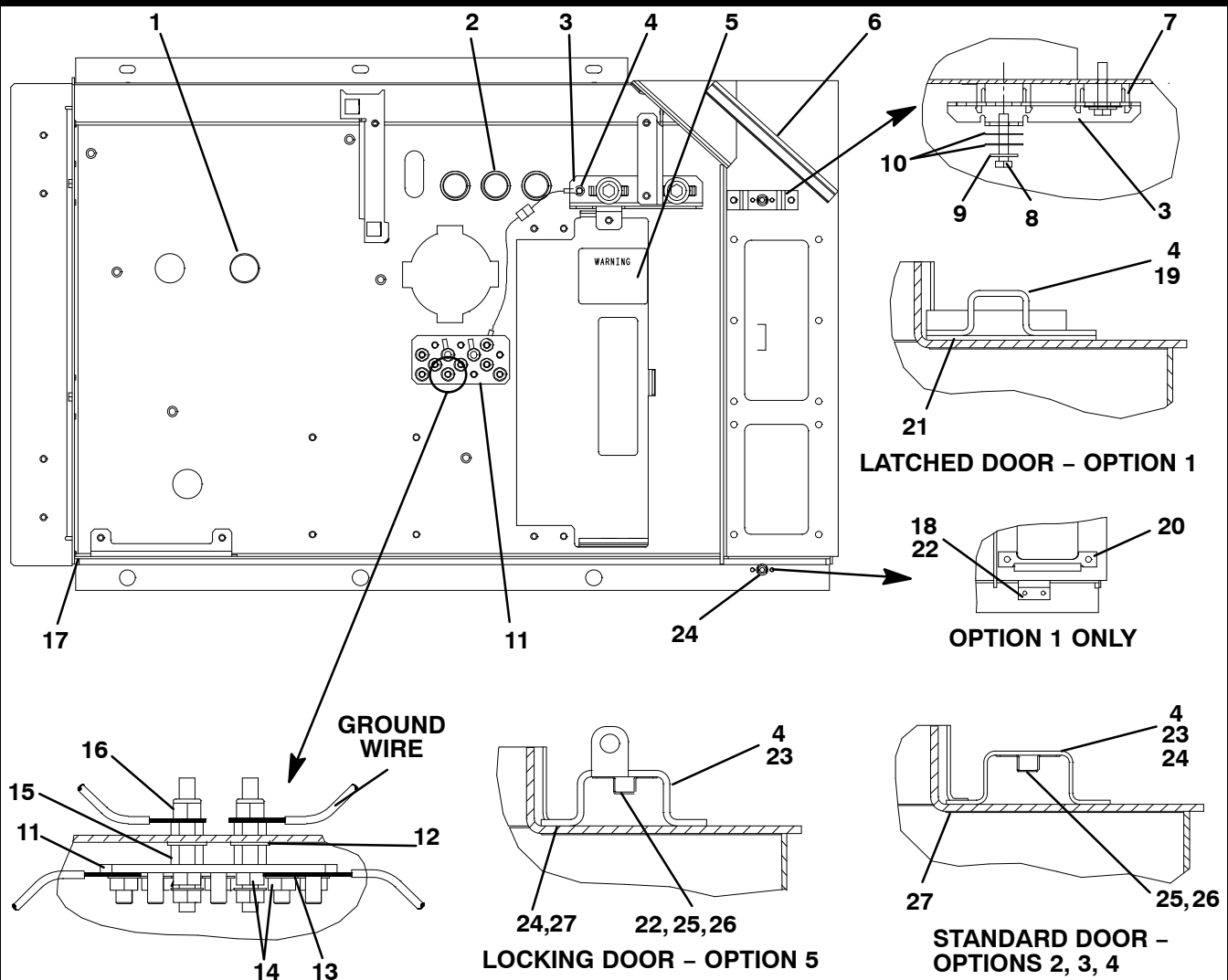
2.14 CONTROL BOX – CONTROLLER MODULE SECTION AND SOFTWARE CARDS



View – Back of Controller/DataCORDER

2.14 CONTROL BOX – CONTROLLER MODULE SECTION AND SOFTWARE CARDS (Continued)			
Item	Part Number	Description	Qty
1	12-55009	Module, Controller/DataCORDER – Includes:	1
2	66U1-5371-7	Screw, Hex Head, #10-24 X 1/2 Long – SST	1
3	69NT35-2692	Washer, Fender, 0.063 Thick – SST	1
4	58-01184-00	Retainer, Screw, 0.141 ID	1
5	22-02336-08	Fuse, 7.5 Amp (F3A and F3B)	3
6	22-02336-02	Fuse, 5 Amp (F1 and F2)	1
7	62-02719-00	Label, Controller/DataCORDER Port	1
8	12-00594	Controller/DataCORDER Operation Software Card (Latest version will be supplied)	1
9	Connector (EC A-K) (Refer to Section 2.44)		
10	Connector (EC L-Y) (Refer to Section 2.44)		
11	Connector (KA) – 14-Pin (Refer to Section 2.45)		
12	Connector (KB) – 10-Pin (Refer to Section 2.45)		
13	Connector (KD) – 4-Pin (Refer to Section 2.45)		
14	Connector (KE) – 5-Pin (Refer to Section 2.44)		
15	Connector (MA) – 12-Pin (Refer to Section 2.45)		
16	Connector (MC) – 8-Pin (Refer to Section 2.10)		
NS	09-00375-00	Battery, Real Time Clock, (Within the Controller)	1
17	22-01713-06	Wire Harness, Display Module to Controller/DataCORDER Module – Includes:	1
	22-01621-02	Connector (MB) – 16-Pin (At Display)	1
	22-01621-00	Terminal (MB) – 16-Pin (At Display)	1
	22-01622-02	Connector (MB) – 16-Pin (At Controller)	1
	22-01622-03	Terminal (MB) – 16-Pin (At Controller)	1
NS	62-02735-00	Label, Warning, (Don't use 12-00327) – (Located on the control box behind the Controller/DataCORDER module.)	1
NS	62-02738-08	Label, Warning, 55xx Series – (Located on the high and low voltage shields)	1
NS	62-02738-04	Label, Warning, 55xx Series – (Located on the bottom panel of the control box between the Communications Interface module and the switch panel.)	1
OPTION R – RECHARGEABLE BATTERY OPTION			
18	30-00407-02SV	Rechargeable Battery Pack with Connector-Controller/DataCORDER Module	A/R
OPTION S – SECURE RECHARGEABLE BATTERY OPTION			
NOTE	76-50149-00	Rechargeable Battery Pack with Connector-Controller/DataCORDER Module	A/R
NOTE Refer to technical manual for battery location.			

2.15 CONTROL BOX PREPARATION

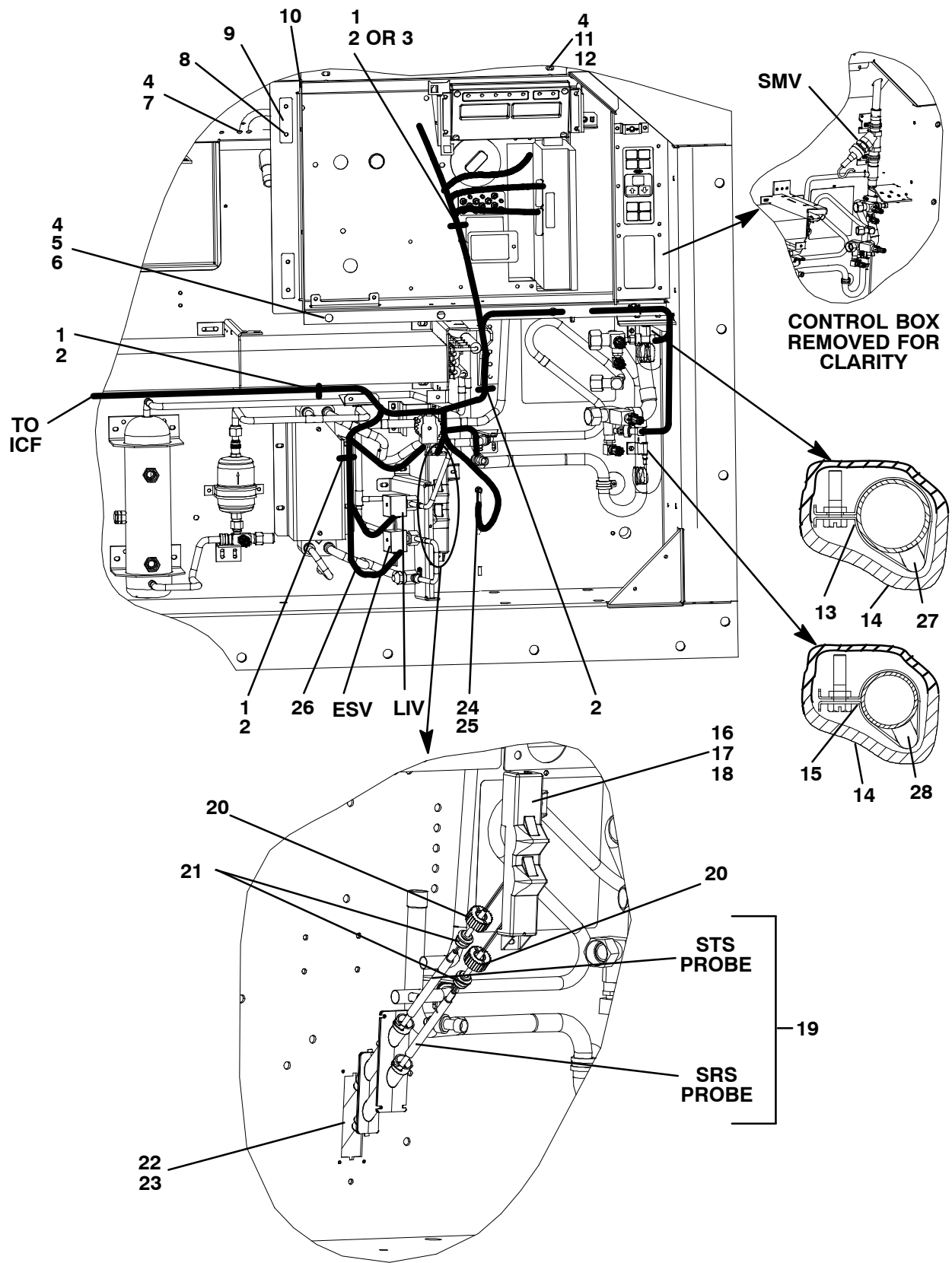


Item	Part Number	Description	Qty
STANDARD PARTS INCLUDED IN OPTIONS			
1	66U1-5562-7	Plug Button, 1.125 Diameter Hole	1
2	58-00701-03	Plug Button, 0.906 Diameter Hole	2
3	68-15270-00	Bracket, 0.090 Thick Aluminum	1
4	34-06223-00	Screw, Captive Wash #10-24 X 0.56	3
5	62-10911-00	Label, Warning! ML3 Controller Only!	1
6	66U1-2593-19	Gasket, "V" Type 6.38 Long	1
7	58-00967-00	Spacer Locking (Subpanel)	2
8	34-00655-10	Screw, Captive Hex Head 1/4-20 X 1.25	2
9	66U1-5321-7	Washer, Plain 1/4 W Type A	2
10	34-06053-03	Washer, 0.250 ID X 1.000 OD	4
11	69NT41-982-3	Strap Assembly Ground, All Populated	1
12	66U1-5321-3	Washer, Plain 1/4 N Type A	2
13	AU27JR-171	Washer, Lock 1/4 Ext Tooth	10
14	AT39JA-171	Nut, Hex 1/4-20	10
15	66U1-9592-13	Standoff 1/4-20 X 0.375 Long	2
16	34-00667-11	Nut, Self Lock 1/4-20	2

2.15 CONTROL BOX PREPARATION (Continued)

Item	Part Number	Description	Qty
OPTION 1 – LATCH FASTENER, BLUE BOX (LATCHING DOOR LOCATED IN SECTION 2.8)			
See Previous Page for Standard Parts and use with Items Below:			
17	86-04636-00	Control Box, Blue	1
18	68-66776-01	Bracket, Latch Closure, Blue	1
19	86-66689-00	Stop, Door Latch, Latch Closure, Blue	1
20	68-66773-01	Keeper, Latch Closure	1
21	58-04026-70	Protector, 0.88 X 2.93 2 Holes	1
22	34-00928-02	Rivet, Blind 0.125 Diameter 0.126-0.187	2
OPTION 2 – SCREW FASTENERS, BLUE BOX			
See Previous Page for Standard Parts and use with Items Below:			
17	86-04636-00	Control Box, Blue	1
	86-04636-02	Control Box, Blue, with EBS	1
23	69NT35-6272	Bracket, 0.063 Thick Aluminum, Blue	1
24	34-06053-05	Washer, 0.205 ID X 0.600 OD	2
25	34-01142-01	Receptacle, #12 Saddle Type	2
26	34-00928-01	Rivet, Blind 0.125 Diameter 0.063-0.125	4
27	58-04026-32	Protector, 0.75 X 1.06 Mylar	2
OPTION 2 – SCREW FASTENERS, ORANGE BOX			
See Previous Page for Standard Parts and use with Items Below:			
17	86-04636-01	Control Box, Orange	1
23	69NT35-6272-1	Bracket, 0.063 Thick Aluminum, Orange	1
24	34-06053-05	Washer, 0.205 ID X 0.600 OD	2
25	34-01142-01	Receptacle, #12 Saddle Type	2
26	34-00928-01	Rivet, Blind 0.125 Diameter 0.063-0.125	4
27	58-04026-32	Protector, 0.75 X 1.06 Mylar	2
OPTION 2 – SCREW FASTENERS, WHITE BOX			
See Previous Page for Standard Parts and use with Items Below:			
17	86-04636-03	Control Box, White	1
23	69NT35-6272-2	Bracket, 0.063 Thick Aluminum, White	1
24	34-06053-05	Washer, 0.205 ID X 0.600 OD	2
25	34-01142-01	Receptacle, #12 Saddle Type	2
26	34-00928-01	Rivet, Blind 0.125 Diameter 0.063-0.125	4
27	58-04026-32	Protector, 0.75 X 1.06 Mylar	2
OPTION 3 – SCREW FASTENER, LOCKING DOOR, BLUE BOX			
See Previous Page for Standard Parts and use with Items Below:			
17	86-04636-00	Control Box, Blue	1
22	34-00928-02	Rivet, Blind 0.125 Diameter, 0.126-0.187	2
23	69NT35-2287	Bracket, 12 Gage SST	1
24	34-06053-11	Washer, 0.205 ID X 0.922 OD	1
25	34-01142-01	Receptacle, #12 Saddle Type	2
26	34-00928-01	Rivet, Blind 0.125 Diameter 0.063-0.125	4
27	58-04026-32	Protector, 0.75 X 1.06 Mylar	2

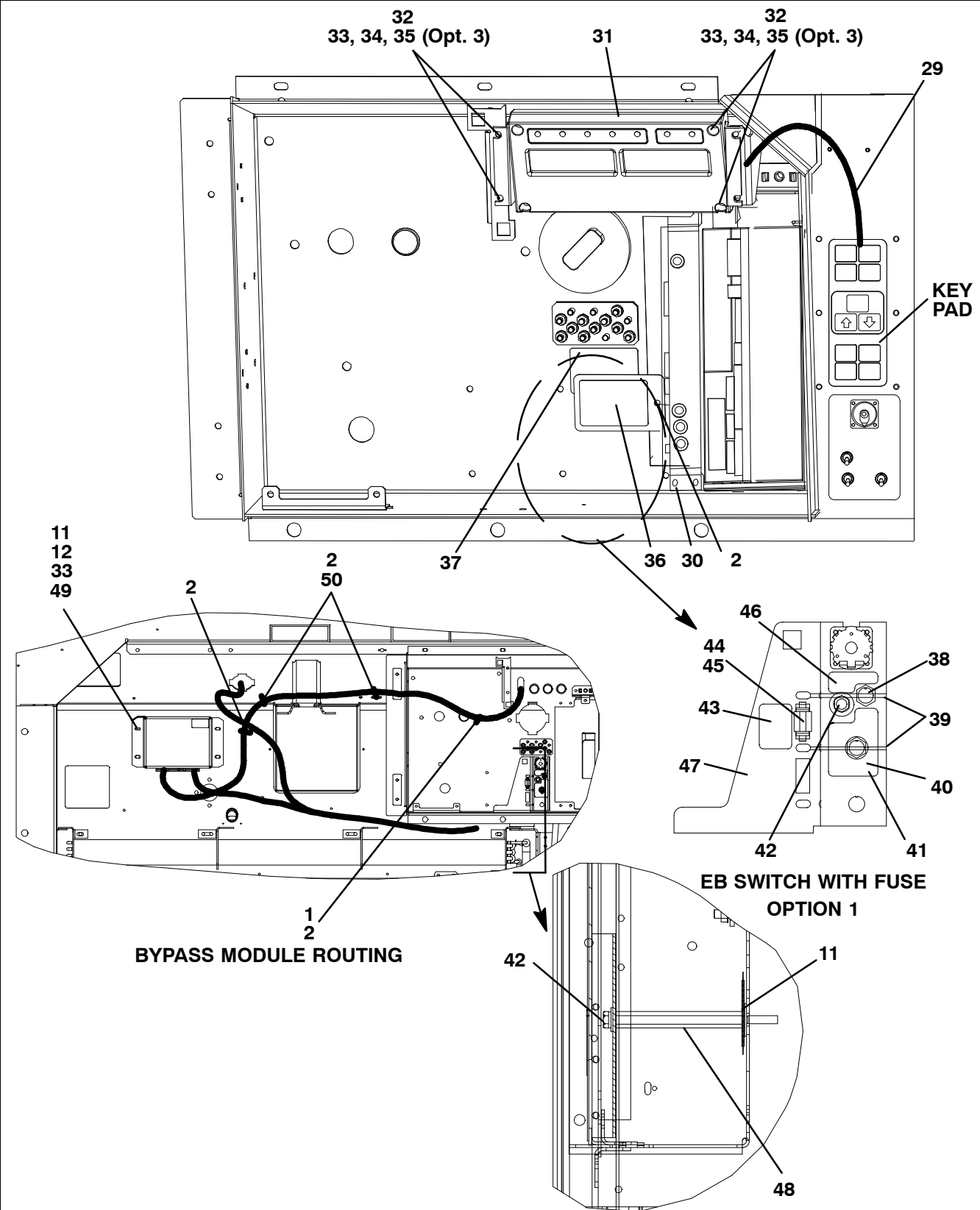
2.16 CONTROLLER HARDWARE, CLAMPS AND DISPLAY – FACING VIEW



2.16 CONTROLLER HARDWARE, CLAMPS AND DISPLAY – FACING VIEW (Continued)

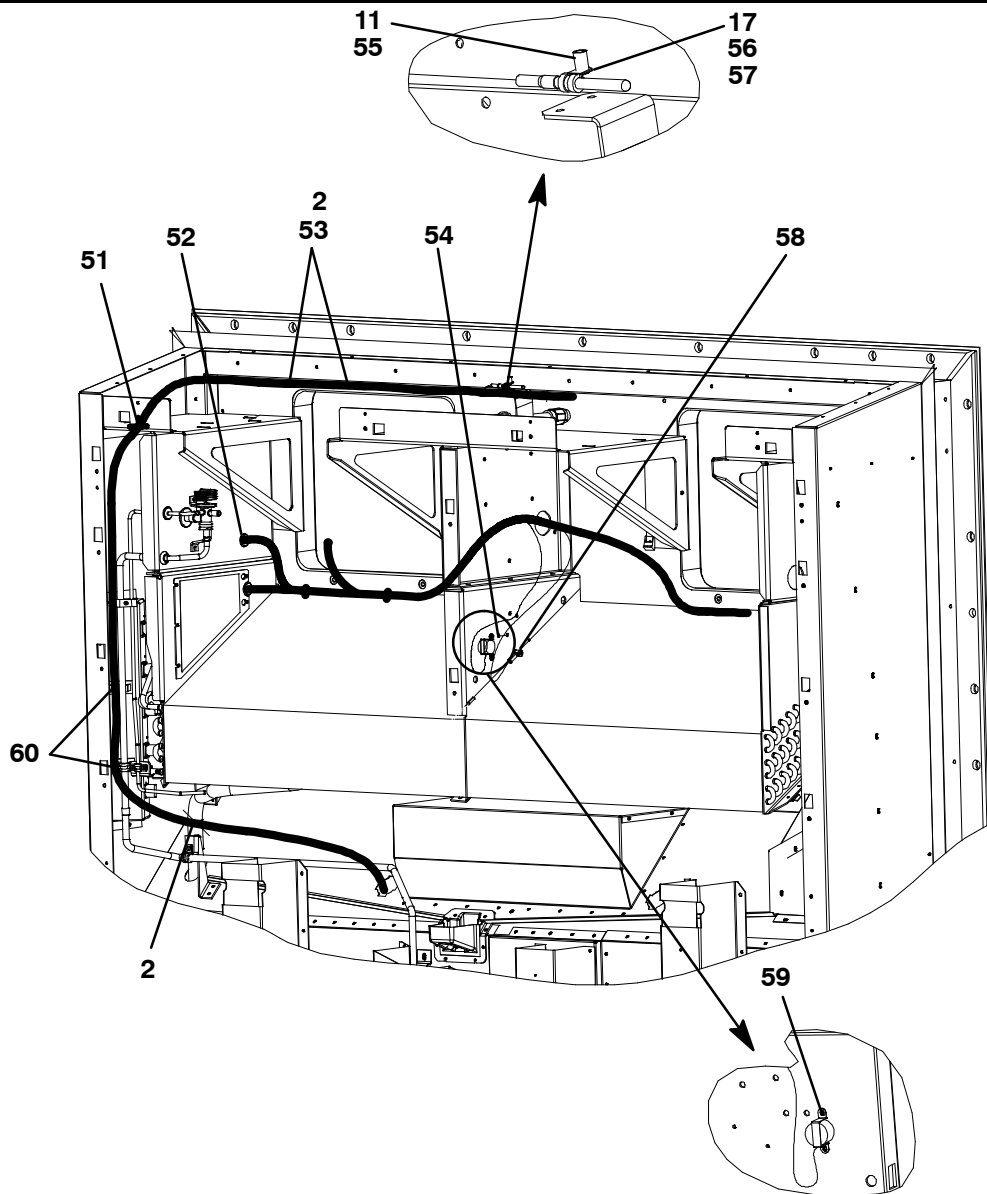
Item	Part Number	Description	Qty
1	58-04316-00	Base, Mounting 0.250 Diameter Mounting Hole	5
2	66U1-3882	Wire Tie 1/16-1-3/4 Self-locking	31
3	66U1-3882-3	Wire Tie 1/16-4.0 Self-locking	5
4	66U1-5361-25	Screw, Captive Hex Head 1/4-20 X 0.75	8
5	34-06053-03	Washer 0.250 ID X 1.000 OD	3
6	69NT35-2692-1	Washer, Fender 1/4-0.993-1.015 OD	3
7	AU27JR-171	Washer, Lock 1/4 Ext Tooth	2
8	34-06223-00	Screw, Captive Wash #10-24 X 0.56	4
9	58-04101-01	Protector 1.00 X 3.62 (Hinge)	2
10	66U1-2552-171	Gasket 0.62 Thick X 0.75 X 16.00	1
11	66U1-5321-7	Washer, Plain 1/4 W Type A	4
12	34-06053-00	Washer 0.250 ID X 0.800 OD	3
13	44-00449-00	Clamp Assembly	1
14	42-00032-00	Insulation Prestite	3
15	44-00449-01	Clamp Assembly	1
16	58-04279-00	Cover Plastic, Probe	1
17	66U1-5371-7	Screw, Machined Hex Head #10-24 X 0.500 Slotted	3
18	66U1-5321-8	Washer, Plain #10 Type A	2
19	12-00395-02	Sensor Assembly (STS and SRS)	2
20	58-04277-00SV	Cap, Probe – Includes:	2
21	58-04278-00	Grommet NSS	2
22	58-04276-00	Holder Supply Probe	1
23	34-00928-04	Rivet, Blind 0.125 Diameter 0.251-0.312	10
24	66U1-5371-6	Screw, Machined Hex Head #10-24 X 0.750 Slotted	1
25	12-00495-02	Sensor, Ambient (AMBS)	1
26	58-00849-03	Tube, Slit 5/8 ID X 20 Long	2
27	12-00493-09	Sensor, Compressor Suction (CPSS)	1
28	12-00493-10	Sensor, Compressor Discharge (CPDS)	1

2.17 CONTROLLER HARDWARE, CLAMPS AND DISPLAY – DETAILS



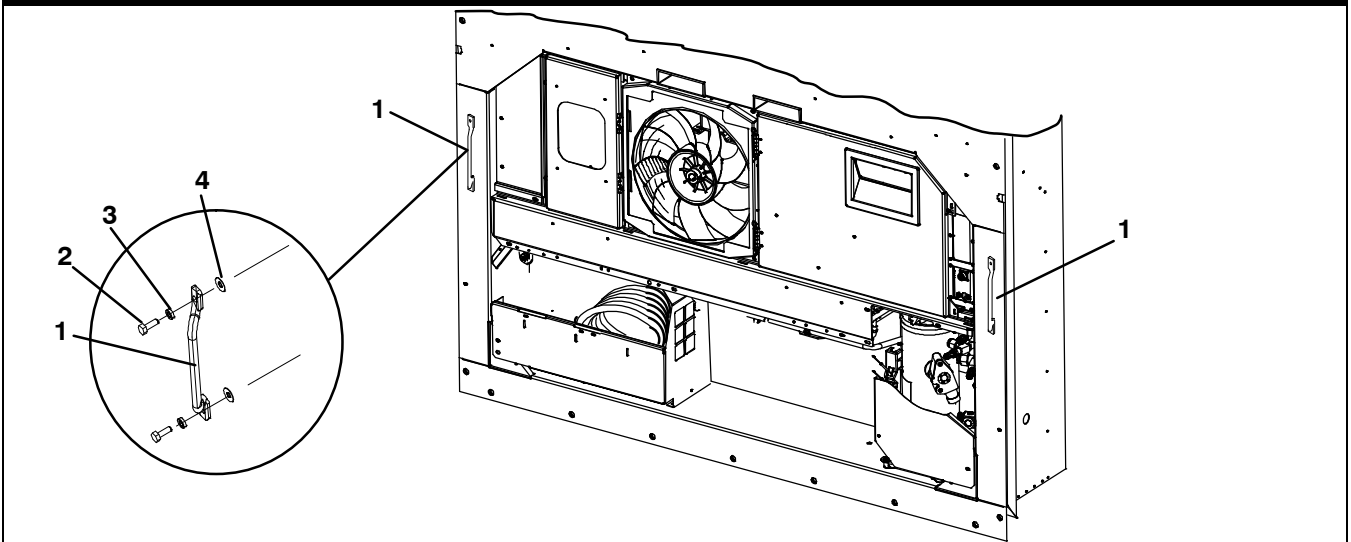
2.17 CONTROLLER COMPONENTS AND WIRING – DETAILS (Continued)			
Item	Part Number	Description	Qty
STANDARD PARTS INCLUDED IN OPTIONS			
1	58-04316-00	Base, Mounting 0.250 Diameter Mounting Hole	5
2	66U1-3882	Wire Tie 1/16-1-3/4 Self-locking	31
11	66U1-5321-7	Washer, Plain 1/4 W Type A	4
12	34-06053-00	Washer 0.250 ID X 0.800 OD	3
29	22-01713-03	Harness Key Pad to Display Module	1
30	34-06223-01	Screw, 10-24 X 0.625	2
OPTION 1 – STANDARD CONTROLLER WIRING WITHOUT VOLTAGE SHIELD			
See Previous Section for Standard Parts and use with Items Below:			
31	12-00433-00RP	Module, LCD Display	1
32	34-06223-01	Screw, Captive Wash #10-24 X 0.625	4
OPTION 2 – CONTROLLER WIRING WITHOUT VOLTAGE SHIELD, WITH SECURE BATTERY OPTION			
See Previous Section for Standard Parts and use with Items Below:			
31	12-00433-00RP	Module, LCD Display	1
32	34-06223-01	Screw, Captive Wash #10-24 X 0.625	4
33	34-06251-00	Screw, Button Head #10-24 X 0.75 Torx-Pin	4
34	34-00663-09	Washer, Lock #10 Spring	4
35	69NT35-2692-4	Washer, Fender #10-0.743-0.765 OD	4
36	62-11114-00	Tag Controller Software	1
OPTION 3 – CONTROLLER WIRING WITHOUT VOLTAGE SHIELD, WITH EMERGENCY BYPASS SYSTEM			
See Previous Section for Standard Parts and use with Items Below:			
31	12-00433-00RP	Module, LCD Display	1
32	34-06223-01	Screw, Captive Wash #10-24 X 0.625	4
33	34-06251-00	Screw, Button Head #10-24 X 0.75 Torx-Pin	4
37	62-02738-14	Label, Warning! Software Version 5322	3
38	10-01129-15	Switch, Toggle 1 Pole Off/On	1
39	66U1-3882-2	Wire Tie 1/16-1-3/4 Self-locking	2
40	10-01129-20	Nut, Hex 15/32-32 Un-2B	1
41	62-10781-01	Label, EBS with SW	1
42	34-06224-01	Screw, Captive Wash 1/4-20 X 0.62	1
43	62-10783-00	Label, EBS with Fuse	1
44	22-02336-04	Fuse, 10 Amp (FEB)	1
45	22-01455-03	Holder Assembly Fuse	1
46	62-10781-00	Label, EBS	1
47	68-14482-00	Bracket	1
48	66U1-9592-18	Standoff 1/4-20 X 3.93 Long	1
49	10-00446-00	Module, EBS	1
50	58-04246-00	Ty-Rap Base (#10) Mounting Tab	1
OPTION 4 – STANDARD CONTROLLER WIRING WITH VOLTAGE SHIELD			
See Previous Section for Standard Parts and use with Items Below:			
14	42-00032-00	Insulation Prestite	3
31	12-00433-02RP	Module, LED Display	1
32	34-06223-01	Screw, Captive Wash #10-24 X 0.625	4

2.18 CONTROLLER HARDWARE, CLAMPS AND DISPLAY – REAR VIEW



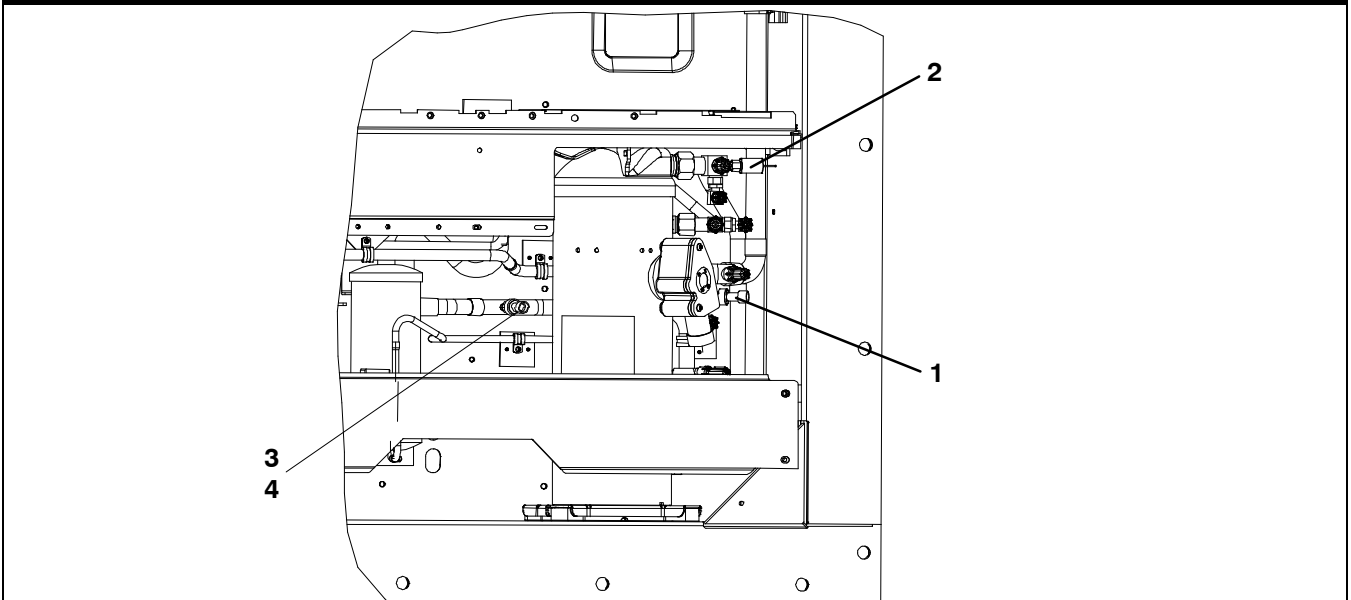
Item	Part Number	Description	Qty
2	66U1-3882	Wire Tie, 1/16-1-3/4 Self-locking	31
11	66U1-5321-7	Washer, Plain 1/4 W Type A	4
17	66U1-5371-7	Screw, Machined Hex Head #10-24 X 0.500 Slotted	3
51	58-00065-46	Grommet 0.25 ID X 0.75 OD X 0.12	1
52	66U1-1571-14	Grommet 0.50 ID X 1.50 OD	1
53	58-04315-00	Base, Mounting 0.250 Diameter Mounting Hole	2
54	58-00969-00	Wire Tie 2.80 Diameter Double Loop	2
55	34-06051-32	Rivnut 10-24 (0.020/0.130)	1
56	44-01041-04	Clamp, Cushioned 0.250 Diameter	1
57	66U1-5331-3	Washer, Lock #10 Spring	1
58	34-01178-23	Screw, Hex Head, #8-32 X 3/4 Long - SST	1
59	34-01178-22	Screw, Hex Head, #8-32 X 1/2 Long - SST	2
60	44-00361-00	Clip, Retaining 0.88-1.00 Wire Mounting	2

2.19 HANDLES



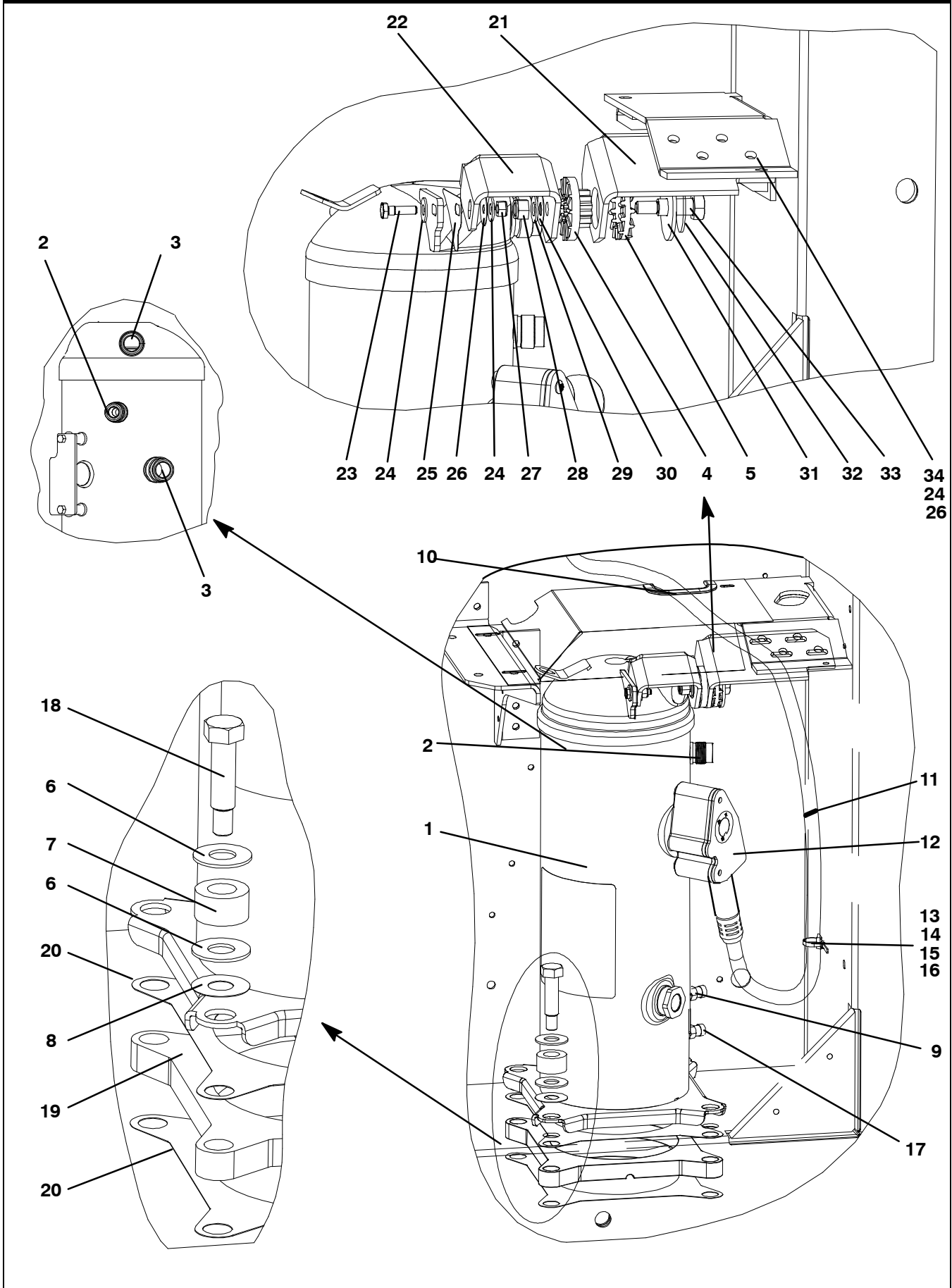
Item	Part Number	Description	Qty
OPTION 2 – TWO SIDE			
1	69NT35-8113	Handle, Fixed	2
2	34-00792-07	Screw, Captive Hex Head 5/16-18 X 0.88	4
3	66U1-5331	Washer, Lock 5/16 Spring	4
4	34-06053-15	Washer, Mylar 0.313 ID X 0.875 OD	4

2.20 COMPRESSOR TRANSDUCERS / PRESSURE SWITCH



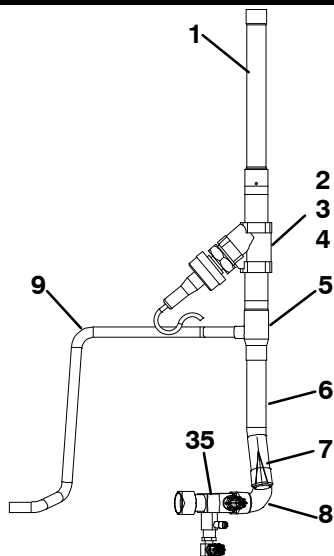
Item	Part Number	Description	Qty
OPTION T – PRESSURE TRANSDUCER			
1	12-00352-07	Transducer, Suction (SPT)	1
2	12-00309-05	Switch, Pressure (HPS)	1
3	12-00352-00	Transducer, Discharge (DPT)	1
4	EC39DM070	Core, Check Valve (Used with 40-00604-00 Tee)	3

2.21 COMPRESSOR, MOUNTING COMPONENTS AND GUARD

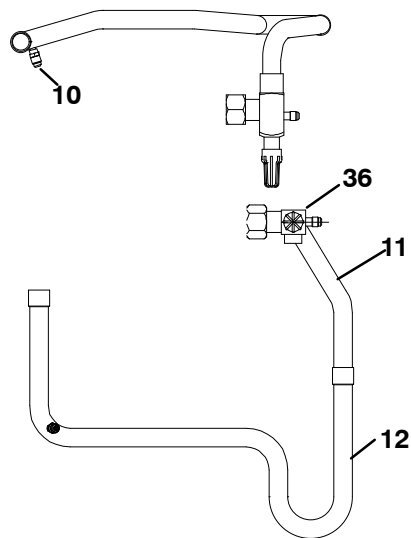


2.21 COMPRESSOR, MOUNTING COMPONENTS AND GUARD (Continued)			
Item	Part Number	Description	Qty
1	18-10134-23	Compressor, Scroll – Includes:	–
2	42-00384-01	Seal, Rotolock, 1-14	1
3	42-00384-02	Seal, Rotolock, 1-1/4-12	2
4	58-04461-00	Shockmount, Bushing	1
5	58-04461-01	Shockmount, Ring	1
6	34-06236-00	Washer, 0.687 X 1.50 X 0.078 – SST	8
7	58-04451-00	Mount, Resilient, 80A	4
8	34-06053-20	Washer, Mylar – 1.50 X 0.65	4
9	18-00077-40	Plug, Oil Drain	1
NS	07-00427-00	Compressor Oil, Quart	2
10	66CH1-1172-93	Trim, Flexible 3.75 Long	1
11	66U1-3882-3	Wire Tie 1/16-4.0 Self-locking	1
12	22-04085-00SV	Power Cable / Power Head	1
13	58-04246-00	Ty-Rap Base (#10) Mounting Tab	1
14	66U1-3882	Wire Tie 1/16-1-3/4 Self-locking	1
15	66U1-5371-6	Screw, Machined Hex Head #10-24 X 0.750 Slotted	1
16	34-00663-09	Washer, Lock #10 Spring	1
17	40-00630-00	Valve Assembly, Scroll, Service	1
18	34-06277-02	Bolt, Shoulder, 1/2-13 UNC – SST	4
19	48-00350-01SV	Base, Compressor (Painted) – Includes:	1
20	58-04435-00	Protector, Mylar	2
21	86-04406-00	Bracket Assembly	1
22	86-04405-00	Bracket Assembly	1
23	66U1-5361-47	Bolt, Machine Hex Head, 1/4-20 X 1.25 Long – SST	1
24	66U1-5321-7	Washer, Plain 1/4 – SST	14
25	58-04463-00	Protector, Mylar	1
26	34-06053-00	Washer, Mylar 0.250 ID X 0.800 OD	9
27	34-00667-11	Nut, Self Lock 1/4-20 – SST	2
28	34-00667-13	Nut, Self Lock 3/8-16 – SST	1
29	66U1-5321-5	Washer, Plain 3/8 N Type A – SST	1
30	34-06053-02	Washer, Mylar 0.375 ID X 1.00 OD	1
31	34-06060-03	Washer, Snubbing 0.537 ID X 2.00 OD	1
32	58-04026-62	Protector, Mylar	1
33	34-06277-03	Bolt, Shoulder, 3/8-16 UNC – SST	1
34	34-00655-04	Screw, Captive Hex Head 1/4-20 X 0.50 – SST	4

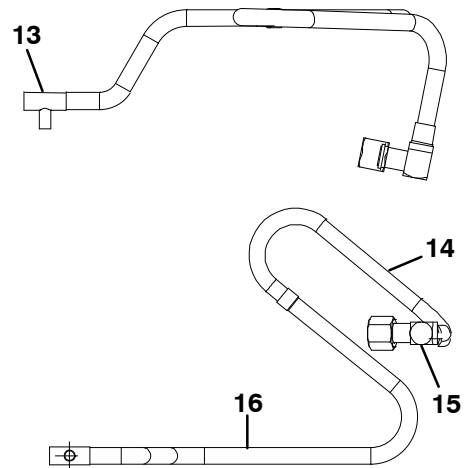
2.22 COMPRESSOR TUBING



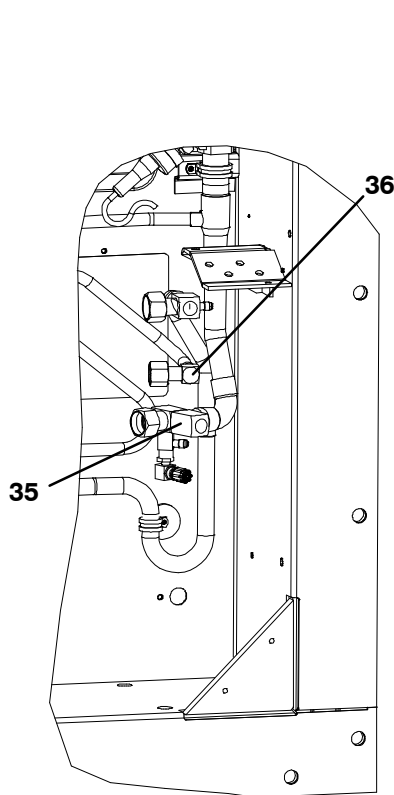
**SUCTION
TUBE
ASSEMBLY**



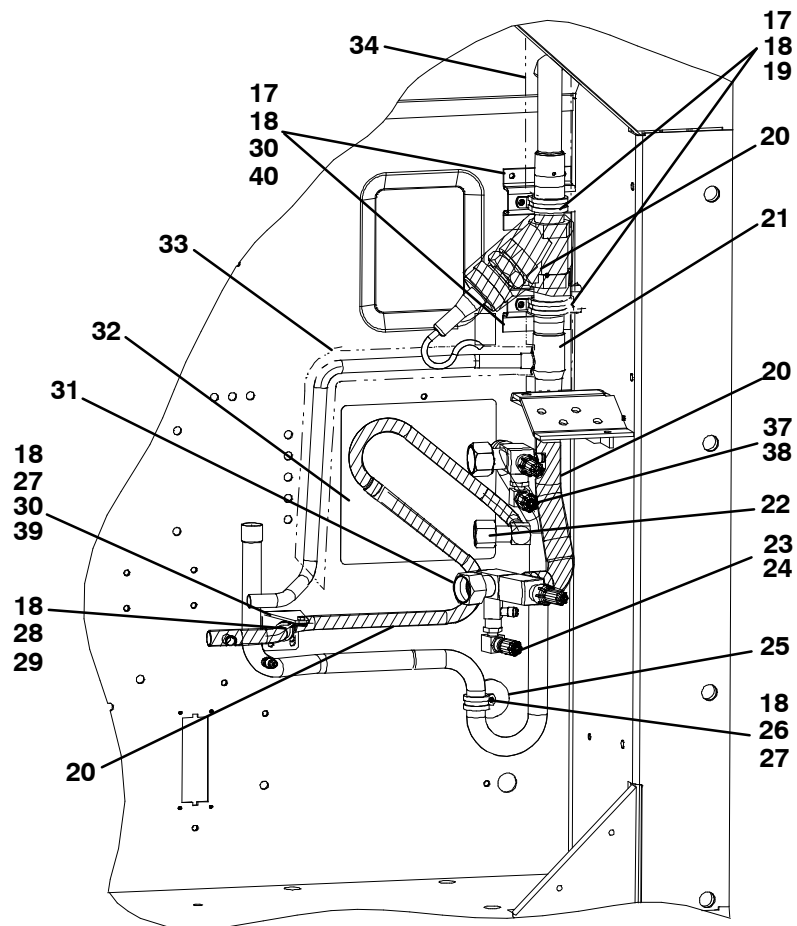
**DISCHARGE
TUBE
ASSEMBLY**



**ECONOMIZER
TUBE
ASSEMBLY**



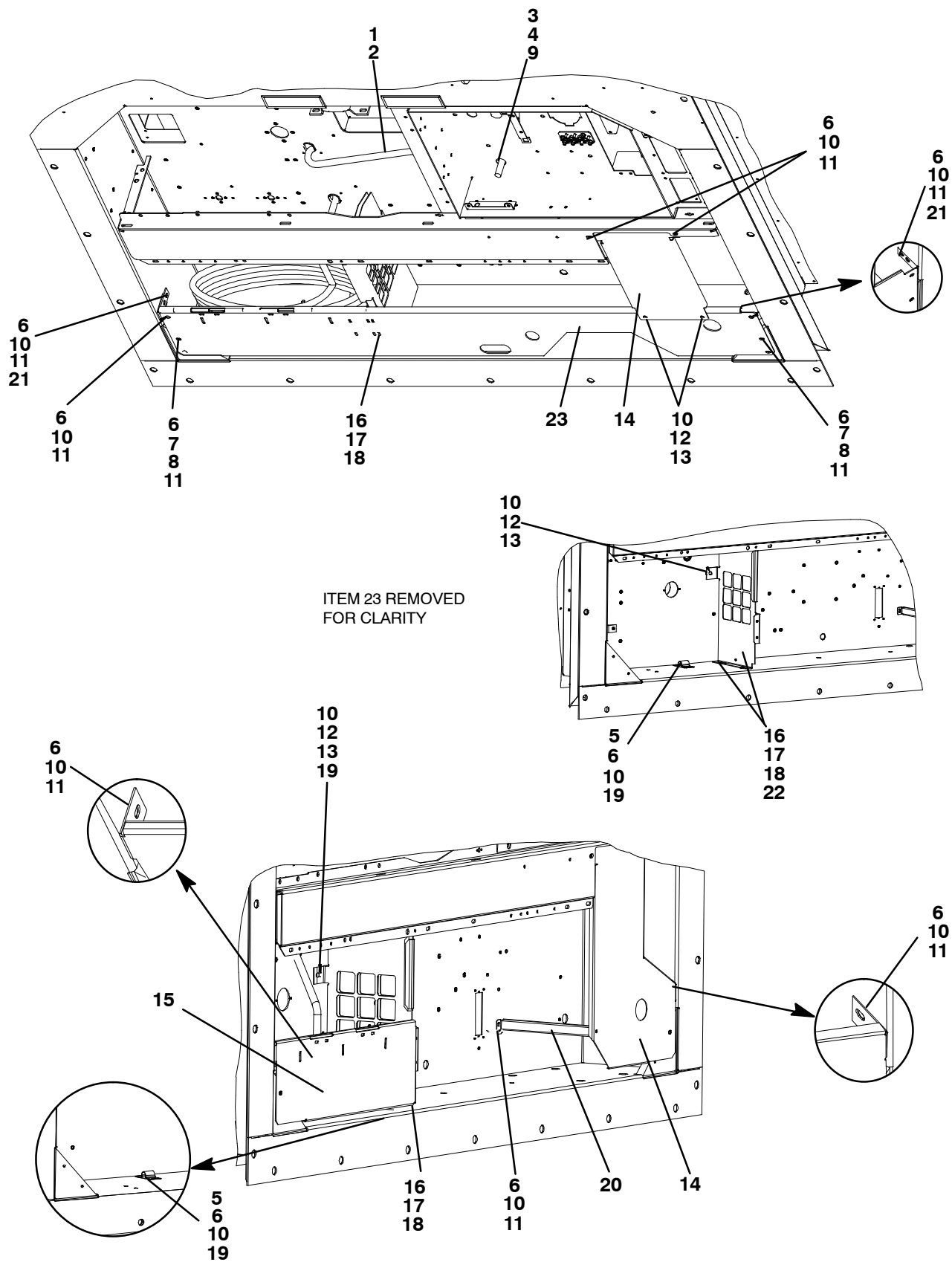
VIEW WITH FITTINGS



VIEW WITH VALVES

2.22 COMPRESSOR TUBING (Continued)			
Item	Part Number	Description	Qty
STANDARD PARTS INCLUDED IN OPTIONS			
1	56-08496-00	Tube 1-1/8 OD X 0.050 Wall Cu	1
2	14-00353-00	Valve SMV (Sporlan) without Tap – Includes:	1
3	14-00353-20	Piston and Motor Assembly	1
4	14-00353-21	Gasket	1
5	DE40BA-927	Tee 1-3/8 X 1-1/8 X 5/8	1
6	56-08495-00	Tube 1-1/8 OD X 0.050 Wall Cu	1
7	14-00176-04	Strainer 40 Mesh, 1 1/8" OD	1
8	DE21BA-701	Elbow, 90 Street 1-1/8 Fitting X 1-1/8C Sr	1
9	56-08525-00	Tube 5/8 OD X 0.040 Wall Cu	1
10	40-01124-00	Valve Body	1
11	56-07657-00	Tube, Discharge 7/8 OD X 0.045 Wall Cu	1
12	56-08527-00	Tube, Discharge 7/8 OD X 0.045 Wall Cu	1
13	DE40BA-303	Tee, Reducing 5/8 X 5/8 X 3/8	1
14	56-07669-00	Tube 5/8 OD X 0.040 Wall Cu	1
15	40-00605-01	Fitting 5/8 ID, Rotalock	1
16	56-08526-00	Tube 5/8 OD X 0.040 Wall Cu	1
17	66U1-5371-6	Screw, Machined Hex Head #10-24 X 0.750 Slotted	8
18	34-06053-05	Washer 0.205 ID X 0.600 OD	12
19	34-00373-69	Clamp, Tube 1.38 Diameter Cushion	2
20	42-00032-00	Insulation Prestite	10
21	42-00667-16	Insulation, Tube Pre-Taped	1
22	42-00384-01	Seal 1-14, Rotalock	1
23	40-00542-00	Elbow Adapter, Low Pressure, R134A	1
24	40-00520-02	Cap M8 X 1.0-6G	1
25	34-06295-00	Washer, Fender #10-1.690-2.000 OD	1
26	66U1-3632-20	Clamp, Tube 0.88 Diameter Cushion	1
27	66U1-5371-10	Screw, Machined Hex Head #10-24 X 1.00L Slotted	3
28	66U1-5371-7	Screw, Machined Hex Head #10-24 X 0.500 Slotted	1
29	34-00373-07	Clamp, Tube 0.62 Diameter Cushion	1
30	66U1-5321-8	Washer, Plain #10 Type A	8
31	42-00384-02	Seal 1 1/4-12, Rotalock	2
32	58-04026-26	Protector 7.50 X 7.50	1
33	42-00667-15	Insulation, Tube, Pre-Taped	1
34	42-00667-14	Insulation, Tube, Pre-Taped	1
OPTION S – WITH SERVICE VALVES			
35	40-00622-01	Valve, Service 1 1/8 ID, Rotalock	1
36	40-00583-05	Valve, Service 7/8 ID, Rotalock	1
37	40-00542-01	Elbow Adapter High Press., R134A	1
38	40-00520-03	Cap M10 X 1.0-6G	1
39	68-15269-00	Bracket, White 0.090 Thick Aluminum	A/R
	68-15269-01	Bracket, Orange 0.090 Thick Aluminum	A/R
40	68-15331-00	Bracket, White 0.125 Thick Aluminum	A/R
	68-15331-01	Bracket, Orange 0.125 Thick Aluminum	A/R
OPTION SS – WITH SERVICE FITTINGS			
35	40-00605-05	Fitting, 1 1/8 ID, Rotalock	1
36	40-00605-00	Fitting, 7/8 ID, Rotalock	1
39	68-15269-00	Bracket, White 0.090 Thick Aluminum	1
40	68-15331-00	Bracket, White 0.125 Thick Aluminum	2

2.23 CABLE AND COMPRESSOR GUARDS

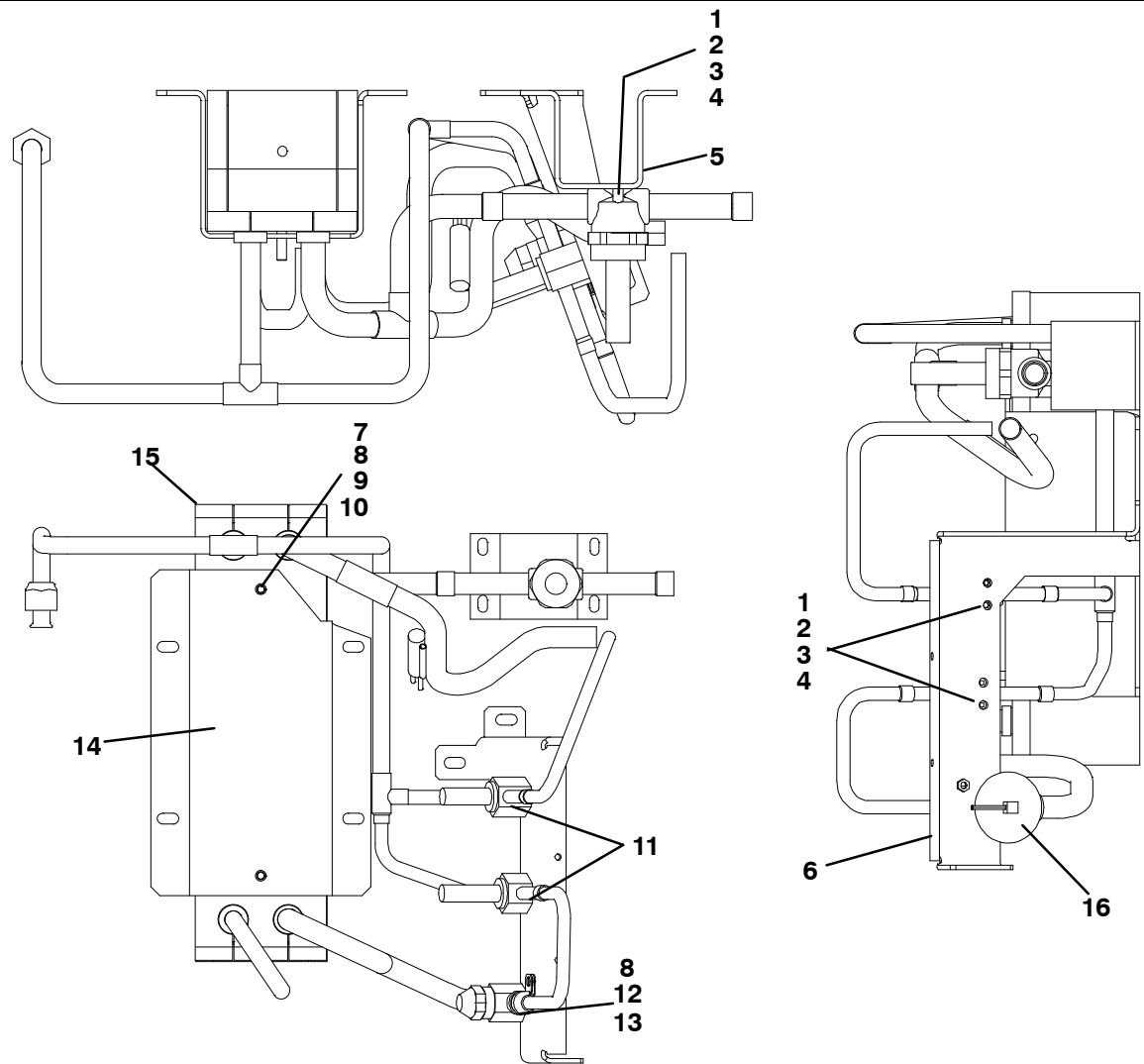


2.23 CABLE AND COMPRESSOR GUARDS (Continued)			
Item	Part Number	Description	Qty
STANDARD PARTS INCLUDED IN OPTIONS			
1	58-04316-00	Base, Mounting, 0.250 Diameter Mounting Hole	1
2	66U1-3882	Wire Tie, 1/16-1-3/4 Self Lock	1
3	34-06136-01	Nut, Lock, 3/4" NPT	1
4	66U1-1251-2	O-Ring, 3/4 Hub Sealing	1
5	58-04026-07	Protector, 1.63 X 3.00 Long	1
6	66U1-5321-7	Washer, Plain 1/4 W Type A	12
7	66U1-5361-11	Screw, Captive, Hex Head 1/4-20 X 1.50	2
8	34-00667-11	Nut, Self Lock 1/4-20	2
OPTION 1 - 460V CABLE, STANDARD GUARD			
See Previous Section for Standard Parts and use with Items Below:			
9	66U1-7352	Connector, Straight, Watertight	1
10	66U1-5361-25	Screw, Captive, Hex Head 1/4-20 X 0.75	9
11	34-06053-00	Washer, 0.250 ID X 0.800 OD	10
12	69NT35-2692-1	Washer, Fender 1/4-0.993-1.015 OD	1
13	34-06053-03	Washer, 0.250 ID X 1.000 OD	1
14	68-15105-00	Cover, White, 0.063 Thick Aluminum	1
15	68-15213-00	Guard, White, 0.080 Thick Aluminum	1
16	66U1-5371-6	Screw, Machined, Hex Head #10-24 X 0.750 Slotted	2
17	66U1-5321-8	Washer, Plain #10 Type A	2
18	34-06053-05	Washer 0.205 ID X 0.600 OD	2
19	68-14456-00	Cable Clamp, Cable Cutter	1
20	68-15118-00	Brace, Support 0.06 Thick Aluminum	1
OPTION 1 - 460V CABLE, STANDARD GUARD, ORANGE			
See Previous Section for Standard Parts and use with Items Below:			
9	66U1-7352	Connector, Straight, Watertight	1
10	66U1-5361-25	Screw, Captive, Hex Head 1/4-20 X 0.75	9
11	34-06053-00	Washer, 0.250 ID X 0.800 OD	10
12	69NT35-2692-1	Washer, Fender 1/4-0.993-1.015 OD	1
13	34-06053-03	Washer, 0.250 ID X 1.000 OD	1
14	68-15105-01	Cover, Orange 0.063 Thick Aluminum	1
15	68-15213-01	Guard, Orange, 0.080 Thick Aluminum	1
16	66U1-5371-6	Screw, Machined, Hex Head #10-24 X 0.750 Slotted	2
17	66U1-5321-8	Washer, Plain #10 Type A	2
18	34-06053-05	Washer 0.205 ID X 0.600 OD	2
19	68-14456-00	Cable Clamp, Cable Cutter	1
20	68-15118-01	Brace, Support, Orange, 0.06 Thick Aluminum	1
OPTION 2 - TRANSICORD, STANDARD GUARD			
See Previous Section for Standard Parts and use with Items Below:			
9	66U1-7352-3	Connector, Straight, Watertight	1
10	66U1-5361-25	Screw, Captive, Hex Head 1/4-20 X 0.75	9
11	34-06053-00	Washer, 0.250 ID X 0.800 OD	10
12	69NT35-2692-1	Washer, Fender 1/4-0.993-1.015 OD	1
13	34-06053-03	Washer, 0.250 ID X 1.000 OD	1
14	68-15105-00	Cover, 0.063 Thick Aluminum	1
15	68-15213-00	Guard, 0.080 Thick Aluminum	1

2.23 CABLE AND COMPRESSOR GUARDS (Continued)

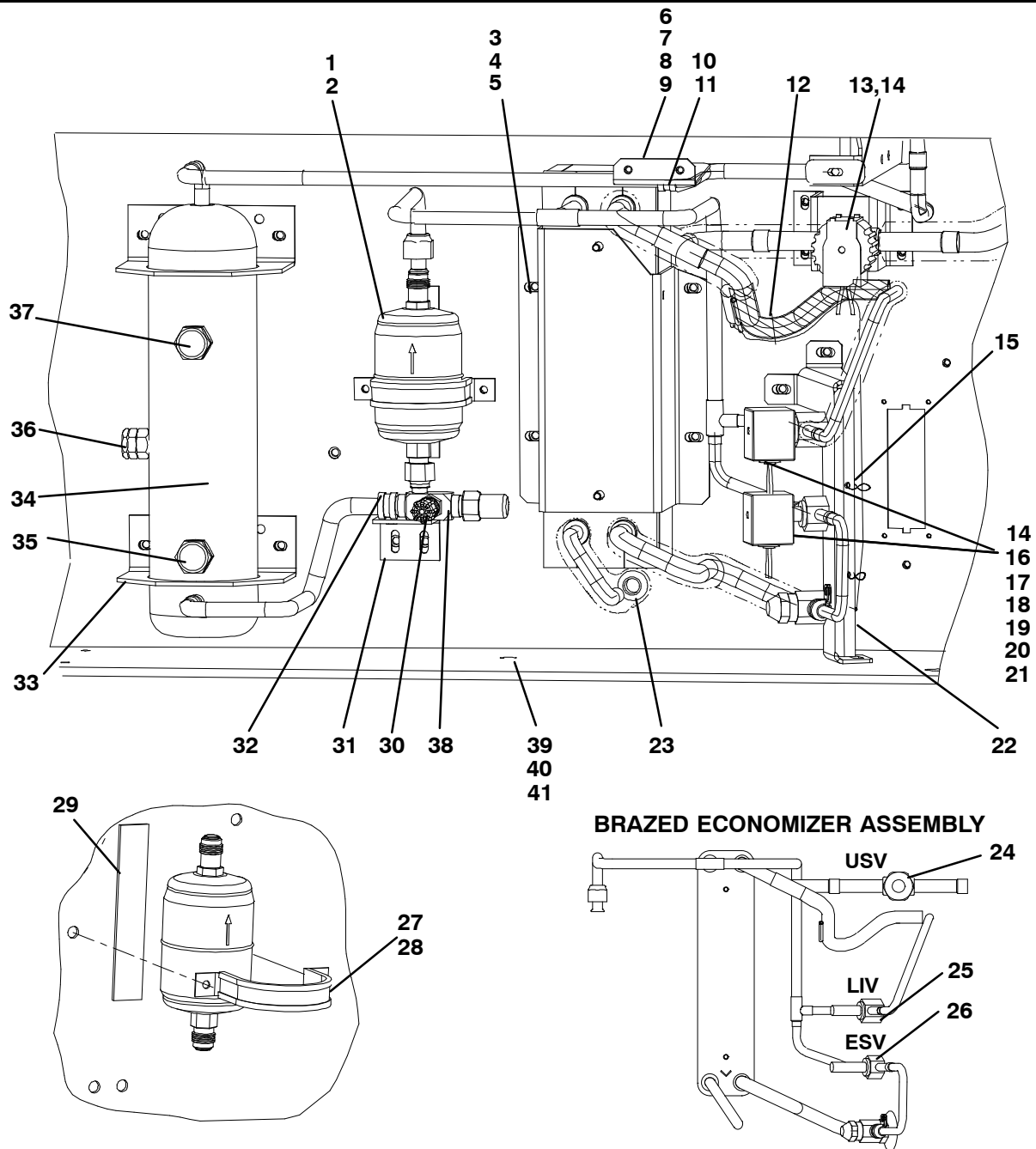
Item	Part Number	Description	Qty
OPTION 2 – TRANSICORD, STANDARD GUARD (Continued)			
16	66U1-5371-6	Screw, Machined, Hex Head #10-24 X 0.750 Slotted	2
17	66U1-5321-8	Washer, Plain #10 Type A	2
18	34-06053-05	Washer 0.205 ID X 0.600 OD	2
19	68-14456-01	Cable Clamp, Cable Cutter, 16 Gage	1
20	68-15118-00	Brace, Support, White, 0.06 Thick Aluminum	1
OPTION 3 – 460V CABLE, FULL GUARD			
See Previous Section for Standard Parts and use with Items Below:			
9	66U1-7352	Connector, Straight, Watertight	1
10	66U1-5361-25	Screw, Captive, Hex Head 1/4-20 X 0.75	11
11	34-06053-00	Washer, 0.250 ID X 0.800 OD	10
12	69NT35-2692-1	Washer, Fender 1/4-0.993-1.015 OD	3
13	34-06053-03	Washer, 0.250 ID X 1.000 OD	3
14	68-15150-00	Guard, 0.063 Thick Aluminum	1
16	66U1-5371-6	Screw, Machined, Hex Head #10-24 X 0.750 Slotted	4
17	66U1-5321-8	Washer, Plain #10 Type A	4
18	34-06053-05	Washer 0.205 ID X 0.600 OD	4
19	68-14456-00	Cable Clamp, Cable Cutter 16 Gage	1
21	68-14143-00	Bracket, 0.125 Thick Aluminum	2
22	68-15286-00	Partition, 0.090 Thick Aluminum	1
23	68-14706-01	Guard, 0.125 Thick Aluminum	1
OPTION 4 – TRANSICORD, FULL GUARD			
See Previous Section for Standard Parts and use with Items Below:			
9	66U1-7352-3	Connector, Straight, Watertight	1
10	66U1-5361-25	Screw, Captive, Hex Head 1/4-20 X 0.75	11
11	34-06053-00	Washer, 0.250 ID X 0.800 OD	9
12	69NT35-2692-1	Washer, Fender 1/4-0.993-1.015 OD	3
13	34-06053-03	Washer, 0.250 ID X 1.000 OD	3
14	68-15150-00	Guard, 0.063 Thick Aluminum	1
16	66U1-5371-6	Screw, Machined, Hex Head #10-24 X 0.750 Slotted	4
17	66U1-5321-8	Washer, Plain #10 Type A	4
18	34-06053-05	Washer 0.205 ID X 0.600 OD	4
19	68-14456-01	Cable Clamp, Cable Cutter 16 Gage	1
21	68-14143-00	Bracket, 0.125 Thick Aluminum	2
22	68-15286-00	Partition, 0.090 Thick Aluminum	1
23	68-14706-01	Guard, 0.125 Thick Aluminum	1

2.24 ECONOMIZER

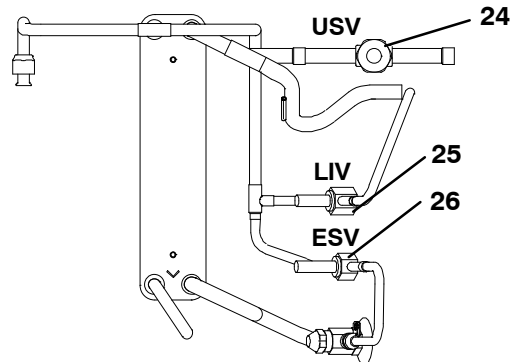


Item	Part Number	Description	Qty
1	34-06053-05	Washer, 0.205 ID X 0.600 OD	8
2	66U1-5371	Screw, Machined Hex Head	6
3	66U1-5321-2	Washer, Plain	6
4	66U1-5331-4	Washer, Lock	6
5	68-15296-00	Bracket, White	A/R
	68-15296-00	Bracket, Orange	A/R
6	68-15170-00	Bracket, White	A/R
	68-15170-01	Bracket, Orange	A/R
7	58-00836-19	Spacer, Nylon, 0.50D X 0.562L	2
8	34-06053-00	Washer, 0.250 ID X 0.800 OD	39
9	66U1-5321-7	Washer, Plain 1/4 W	34
10	34-00667-11	Nut, Self Lock 1/4-20	2
11	58-04026-59	Protector, Solenoid Valve	2
12	34-00373-54	Clamp, Tube	1
13	66U1-5371-6	Screw, Machined Hex Head #10-24 X 0.750	3
14	68-15294-00	Cover, White	A/R
	68-15294-01	Cover, Orange	A/R
15	81-01539-20	Economizer	1
16	14-00232-31	Valve, Economizer, Thermal Expansion	1

2.25 RECEIVER



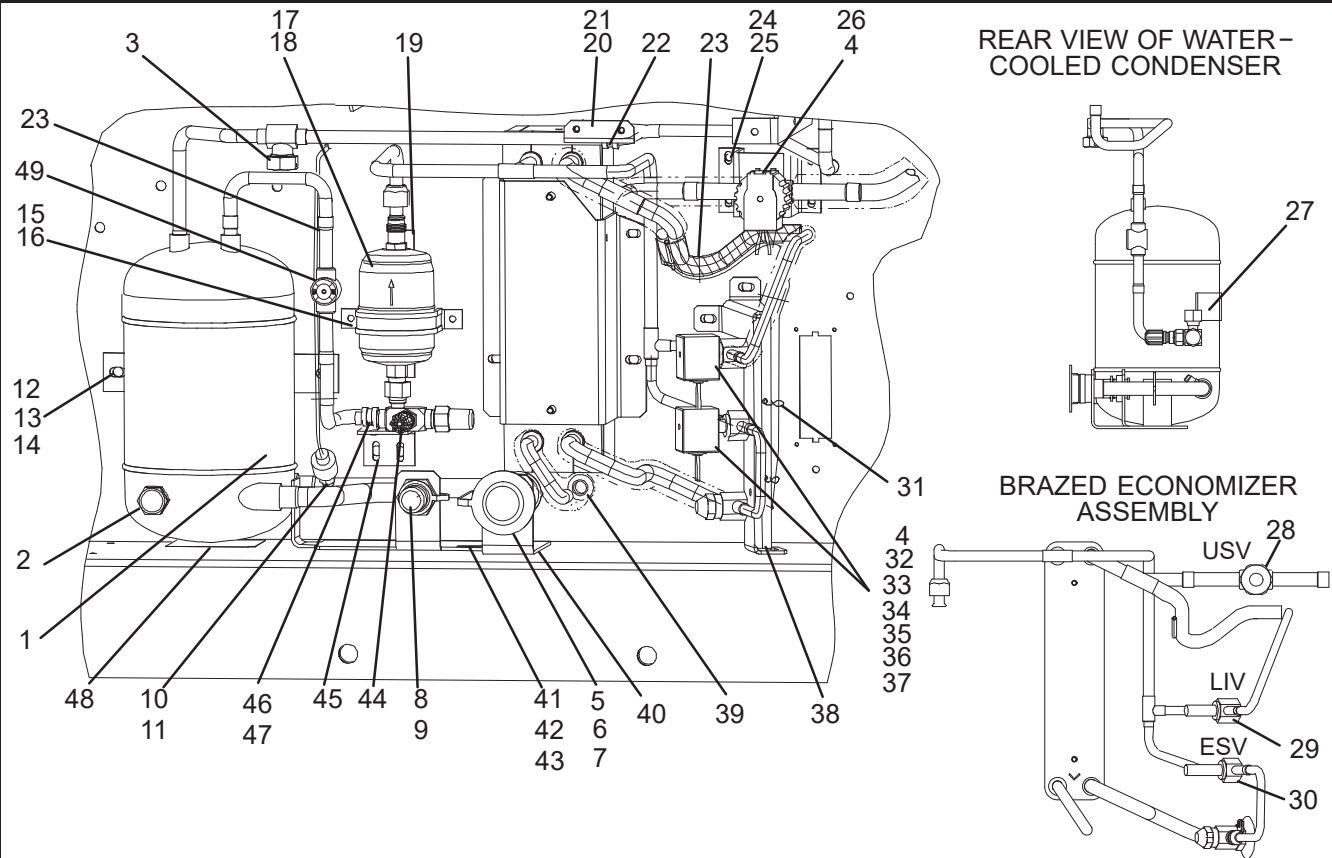
BRAZED ECONOMIZER ASSEMBLY



Item	Part Number	Description	Qty
STANDARD PARTS INCLUDED IN OPTIONS			
1	14-00341-07	Filter Drier, 1/2 Flare, "O" Ring Single – Includes:	1
2	14-00284-20	O-Ring, Filter Drier	2
NS	14-00341-07Pk25	Filter Drier, 1/2 Flare, "O" Ring 25 Pack – Includes:	1
NS	14-00284-20	O-Ring, Filter Drier	25
3	66U1-5361-25	Screw, Captive Hex Head 1/4-20 X 0.75	33
4	66U1-5321-7	Washer, Plain 1/4 W	34
5	34-06053-00	Washer, 0.250 ID X 0.800 OD	39
6	66U1-5321-8	Washer, Plain #10	6
7	34-06053-05	Washer, 0.205 ID X 0.600 OD	8
8	66U1-5371-7	Screw, Machined Hex Head #10-24 X 0.500	10

2.25 RECEIVER (Continued)			
Item	Part Number	Description	Qty
9	68-15171-00	Bracket, White, 0.125 Thick Aluminum	A/R
	68-15171-01	Bracket, Orange, 0.125 Thick Aluminum	A/R
10	44-00370-03	Clamp, Cushioned 0.50 Diameter	2
11	66U1-5371-6	Screw, Machined Hex Head #10-24 X 0.750	3
12	66U1-3882-3	Wire Tie, 1/16-4.0 Self-locking	7
13	14-01091-02	Coil, Solenoid Valve	1
14	66U1-3803	Tube, Heat Shrink 0.25 X 2.12 Blk	4
15	58-00969-00	Wire Tie, 2.80 Diameter Double Loop	2
16	14-01091-04	Coil Kit, Solenoid Valve – Includes:	2
17	NSS	Coil, Solenoid	1
18	NSS	O-Ring, Top	1
19	NSS	O-Ring, Bottom	1
20	NSS	Spacer, Brass (Used on ESV Only)	1
21	NSS	Screw, Mounting	1
22	68-15170-00	Bracket, White, 0.125 Thick Aluminum	A/R
	68-15170-01	Bracket, Orange, 0.125 Thick Aluminum	A/R
23	66U1-1571-3	Grommet, 0.50 ID X 1.00 OD	1
24	14-01090-11	Valve, Unloader Solenoid	1
25	14-00285-00	Valve, Solenoid 0.36 Port, Norm Open	1
26	14-01090-12	Valve, Solenoid	1
27	69NP20-1031	Clamp, Tube 2.88 Diameter Cushion	1
28	34-06053-03	Washer, 0.250 ID X 1.000 OD	2
29	66U1-2552-133	Gasket, Neoprene	1
30	40-00520-01	Coupling, HP, with Cap	1
31	68-15172-00	Bracket, White, 0.125 Thick Aluminum	A/R
	68-15172-01	Bracket, Orange, 0.125 Thick Aluminum	A/R
32	34-00373-07	Clamp, Tube 0.62 Diameter Cushion	1
33	58-04026-61	Protector, 5.63 X 2.00 with 2 Slots	2
OPTION 1 – STANDARD RECEIVER			
See Previous Section for Standard Parts and use with Items Below:			
–	79-01785-01	Receiver Assembly – Includes:	1
34	65-00185-01	Receiver, With Brass Connections	1
35	14-00221-03	Indicator, Moisture and Liquid	1
36	14-01032-14	Plug, Fusible 3/8 NFPT	1
37	14-00220-04	Sight Glass	1
38	14-00222-02	Valve, King (R-134A)	1
OPTION 2 – SMALL RECEIVER, WITHOUT KING VALVE			
See Previous Section for Standard Parts and use with Items Below:			
–	79-01785-02	Receiver Assembly – Includes:	1
34	65-00177-05	Receiver, With Brass Connections	1
35	14-00221-03	Indicator, Moisture and Liquid	1
36	14-01032-14	Plug, Fusible 3/8 NFPT	1
37	14-00220-04	Sight Glass	1
38	14-00222-02	Fitting, King (R-134A)	1
39	66U1-5361-7	Screw, Cap Hex Head 3/8-16 X 1.00	1
40	34-00662-13	Washer, Plain, 3/8 Medium 0.062 Thick	1
41	34-06053-02	Washer, 0.375 ID X 1.00 OD	1

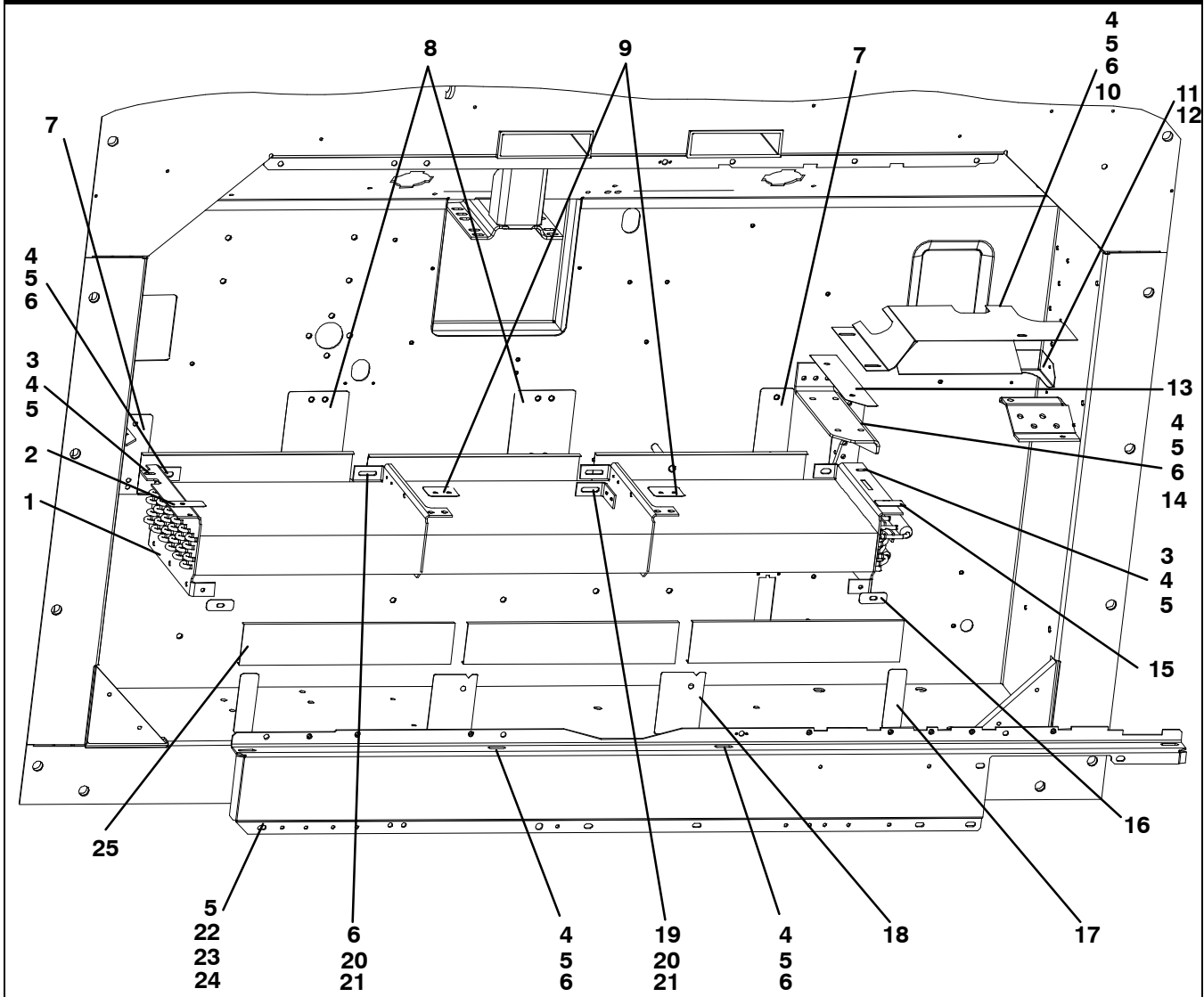
2.26 WATER-COOLED CONDENSER



Item	Part Number	Description	Qty
-	76-00734-00	Condenser/Receiver Assembly for Field Installation - Includes:	1
1	69NT42-954-4	Condenser - Includes:	1
2	14-00220-00	Sight Glass, 1/2-14 NPT	1
3	14-00215-05	Rupture Disc 3/8 NPT	1
4	66U1-3803	Tube, Heat Shrink 0.25 X 2.12 Blk	8
5	40-01129-00	Coupling, Self-Draining - Includes:	1
6	42-50000-00	Seal, O-Ring	1
7	66U2-1152	Cap, Dust Socket	1
8	66U2-1142	Cap, Dust Plug	1
9	66U1-2763-5	Coupling Assembly, Water In	1
10	66U2-1132-1	Connector, Electric 16-14 Gauge	2
11	12-01071-02SV	Switch, Pressure 1/4 Female OPTION W	1
12	66U1-5361-25	Screw, Captive Hex Head 1/4-20 X 0.75	31
13	66U1-5321-7	Washer, Plain 1/4 W	32
14	34-06053-00	Washer, 0.250 ID X 0.800 OD	37
15	34-06053-03	Washer, 0.250 ID X 1.000 OD	2
16	69NP20-1031	Clamp, Tube 2.88 Diameter Cushion	1
17	14-00341-07	Filter Drier, 1/2 Flare, "O" Ring Single - Includes:	1
18	14-00284-20	O-Ring, Filter Drier	2
17	14-00341-07Pk25	Filter Drier, 1/2 Flare, "O" Ring 25 Pack - Includes:	1
18	14-00284-20	O-Ring, Filter Drier	25
19	66U1-2552-133	Gasket	1

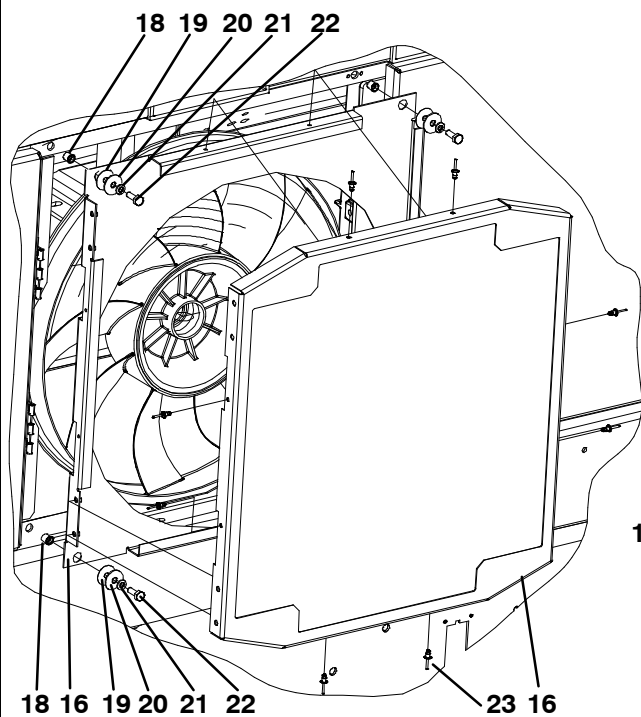
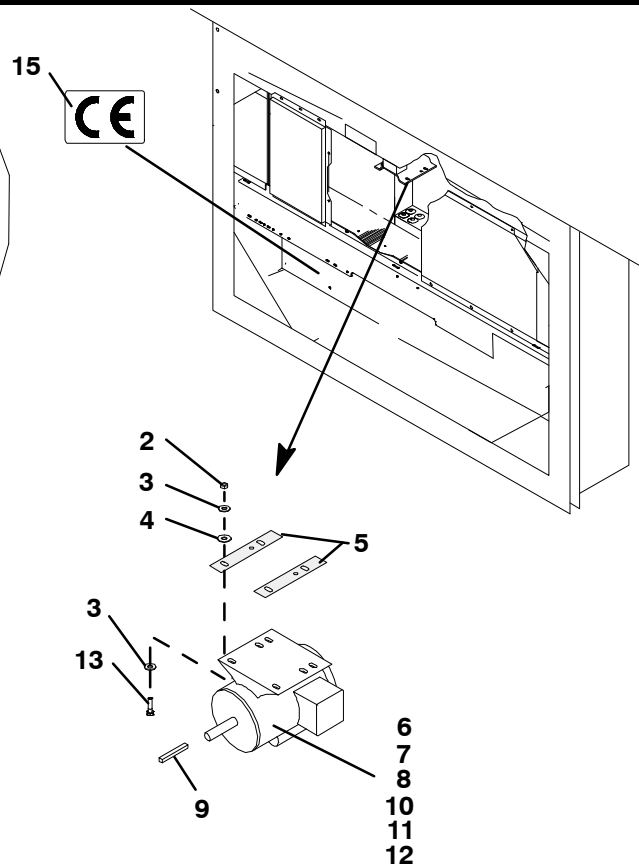
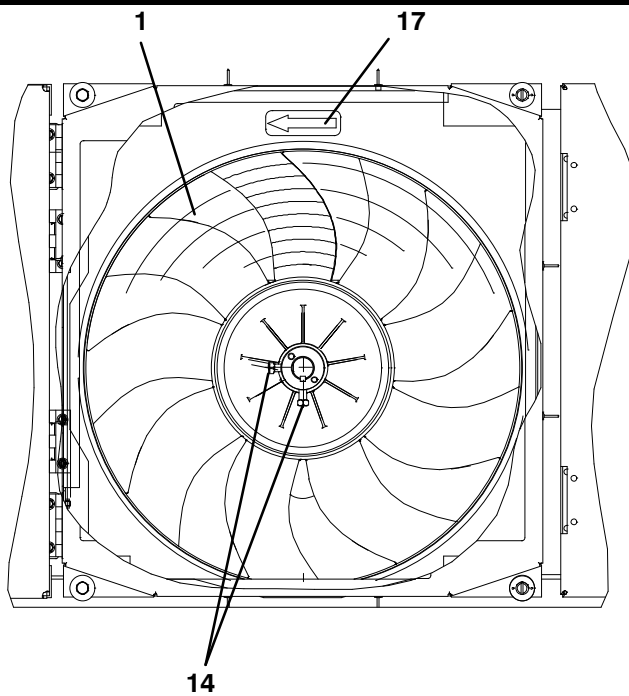
2.26 WATER-COOLED CONDENSER (Continued)			
Item	Part Number	Description	Qty
20	68-15171-00	Bracket, 0.125	1
21	34-06053-05	Washer, 0.205 ID X 0.600 OD	8
22	44-00370-03	Clamp, Cushioned 0.50 Diameter	1
23	66U1-3882-3	Wire Tie 1/16-4.0 Self-locking	10
24	66U1-5321-8	Washer, Plain #10	6
25	66U1-5371-7	Screw, Machined Hex Head #10-24 X 0.500	10
26	14-01091-02	Coil, Unloader Solenoid Valve	1
27	58-00956-00	Protector, Mylar	2
28	14-01090-11	Valve, Unloader Solenoid (USV)	11
29	14-00285-00	Valve, Solenoid (LIV), 0.36 Port, Normally Open	1
30	14-01090-12	Valve, Solenoid (ESV)	1
31	58-00969-00	Wire Tie, 2.80 Diameter Double Loop	3
32	14-01091-04	Coil Kit, Solenoid Valve – Includes:	2
33	NSS	Coil, Solenoid	1
34	NSS	O-Ring, Top	1
35	NSS	O-Ring, Bottom	1
36	NSS	Spacer, Brass (Used on ESV Only)	1
37	NSS	Screw, Mounting	1
38	68-15170-00	Bracket, 0.125	1
39	66U1-1571-3	Grommet 0.50 ID X 1.00 OD	1
40	58-00957-00	Protector	1
41	66U1-5361-7	Screw, Captive Hex Head 3/8-16 X 1.00	1
42	34-00662-13	Washer, Plain 3/8	1
43	34-06053-02	Washer 0.375 ID X 1.000 OD	1
44	40-00520-01	Coupling, with Cap	1
45	68-15172-00	Bracket, 0.125	1
46	34-00373-07	Clamp, Tube 0.62 Diameter Cushion	1
47	66U1-5371-6	Screw, Machined Hex Head #10-24 X 0.750	3
48	58-04026-52	Protector	1
49	14-00221-04	Indicator, Moisture & Liquid	1

2.27 CONDENSER COIL AND COVERS

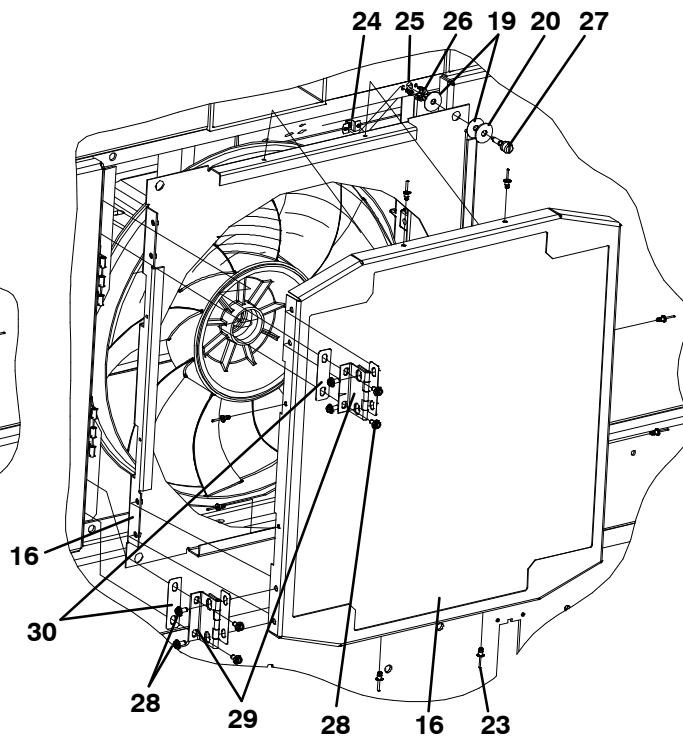


2.27 CONDENSER COIL AND COVERS (Continued)			
Item	Part Number	Description	Qty
1	81-01855-22SV	Coil Assembly, Condenser	1
2	58-04026-08	Protector, Coil Cover	1
3	34-00655-04	Screw, Cap Hex Head, 1/4-20 X 0.50	7
4	66U1-5321-7	Washer, Plain, 1/4	34
5	34-06053-00	Mylar Washer, 0.250 ID X 0.800 OD	39
6	66U1-5361-25	Screw, Cap Hex Head, 1/4-20 X 0.75	33
7	58-04026-50	Protector, Tube Sheet	2
8	58-04026-57	Protector, Center Tube Sheet	2
9	58-04026-03	Protector, Tube Sheet	2
10	68-15210-03	Cover, Orange	A/R
	68-15210-01	Cover, White	A/R
11	68-15285-01	Baffle, Orange	A/R
	68-15285-00	Baffle, White	A/R
12	34-00928-02	Rivet	2
13	58-04026-35	Protector	1
14	68-13355-00	Bracket, Scroll Condenser Coil	1
15	58-04026-21	Protector	1
16	58-04026-41	Protector, Coil Cover	2
17	58-04026-42	Protector, Coil Cover	2
18	58-04026-44	Protector, Coil Cover	2
19	34-00655-08	Screw, Cap Hex Head, 1/4-20 X 1.00	1
20	34-01181-02	Washer, Flat	2
21	34-06053-22	Mylar Washer, 0.195 ID X 1.125 OD	2
22	66U1-5371-7	Screw, Machined Hex Head #10-24 X 0.500	10
23	69NT35-2692-4	Washer, Fender	4
24	68-14546-06	Cover, Condenser Coil, Orange	A/R
	68-14546-05	Cover, Condenser Coil, White	A/R
25	69NT35-8693-11	Protector	6

2.28 CONDENSER FAN MOTOR



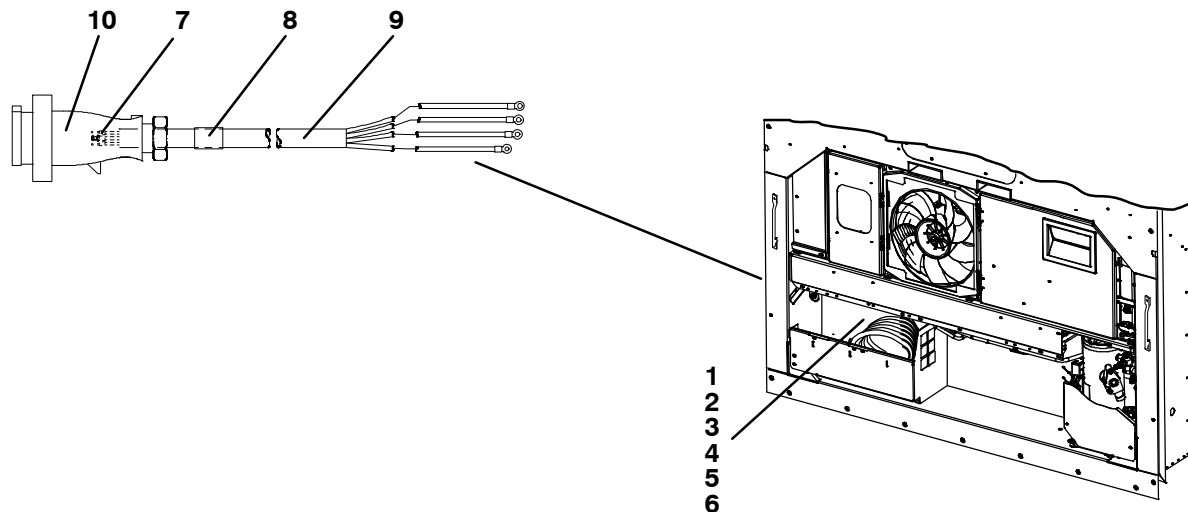
**BOLTED CONDENSER FAN GRILLE
OPTION B**



**HINGED CONDENSER FAN GRILLE
OPTION H**

2.28 CONDENSER FAN MOTOR (Continued)			
Item	Part Number	Description	Qty
STANDARD PARTS INCLUDED IN OPTIONS			
1	38-00585-00	Fan, Condenser (17-1/2 Diameter) – Composite	1
2	34-00667-12	Locknut, 5/16-18 – SST	4
3	34-01181-01	Washer, Flat, 5/16 – SST	8
4	34-06053-02	Washer, Mylar, 1.0 OD X 3/8 ID	4
5	69NT35-6112	Protector, Condenser Fan Motor Mounting	2
6	54-00586-20	Motor, Condenser Fan – Includes:	1
7	04-50027-00	Bearing	2
8	22-50088-02	Capacitor, 15 uF	1
9	PL	Key, 3/16 Square X 1-3/8 Long – SST	1
10	22-04018-00	Connector	1
11	22-01997-05	Pin	A/R
12	22-01997-10	Pin, Grounding	A/R
13	66U1-5361	Screw, Hex Head, 5/16-18 X 1-1/4 Long – SST	4
OPTION B – BOLTED CONDENSER FAN GRILLE			
See Previous Section for Standard Parts and use with Items Below:			
14	PL	Set Screw, Square Head, 5/16-24 X 5/8 Long – SST	2
15	62-02785-00	Label, CE (European Comm.)	A/R
16	76-00704-01	Grille and Venturi Assembly, Blue – Includes:	A/R
	76-00704-02	Grille and Venturi Assembly, White – Includes:	A/R
17	66U1-8912	Label, Rotation	1
18	34-06051-36	Rivnut 1/4-20 (0.027/0.165)	4
19	34-06053-03	Washer, Mylar, 1/4 ID X 1.00 OD	4
20	69NT35-2692-1	Washer, Fender 1/4 – SST	2
21	34-00663-11	Washer, Lock, 1/4 – SST	4
22	66U1-5361-25	Capscrew, Hex Head, 1/4-20 X 3/4 Long – SST	4
23	34-00928-07	Rivet, Blind 0.156 Diameter 0.063-0.125	8
OPTION H – HINGED CONDENSER FAN GRILLE			
See Previous Section for Standard Parts and use with Items Below:			
14	34-06283-00	Screw, Set Square Head 5/16-24 X 0.75 Long	A/R
15	62-02785-00	Label, CE (European Comm.)	A/R
16	76-00704-01	Grille and Venturi Assembly, Blue – Includes:	A/R
	76-00704-02	Grille and Venturi Assembly, White – Includes:	A/R
	79-01937-00	Grille and Venturi Assembly, Orange – Includes:	A/R
17	66U1-8912	Label, Rotation	1
19	34-06053-03	Washer, Mylar, 1/4 ID X 1.00 OD	4
20	69NT35-2692-1	Washer, Fender 1/4 – SST	2
23	34-00928-07	Rivet, Blind 0.156 Diameter 0.063-0.125	8
24	34-01142-01	Receptacle #12 Saddle Type	2
25	34-00928-02	Rivet, Blind 0 0.125 Diameter 0.126-0.187	4
26	34-06169-00	Washer, Retaining – SST	2
–	76-50075-00	Hinge Kit – Includes:	1
27	66U1-6811-8	Screw, Retaining – SST	2
	66U1-6811-12	Screw, Retaining (Phillips Head) – SST	2
28	34-06179-00	Screw, Hex Head, #10-24 X 7/16 Long – SST	8
29	44-00374-00	Hinge	2
30	58-04101-07	Protector, Mylar	4

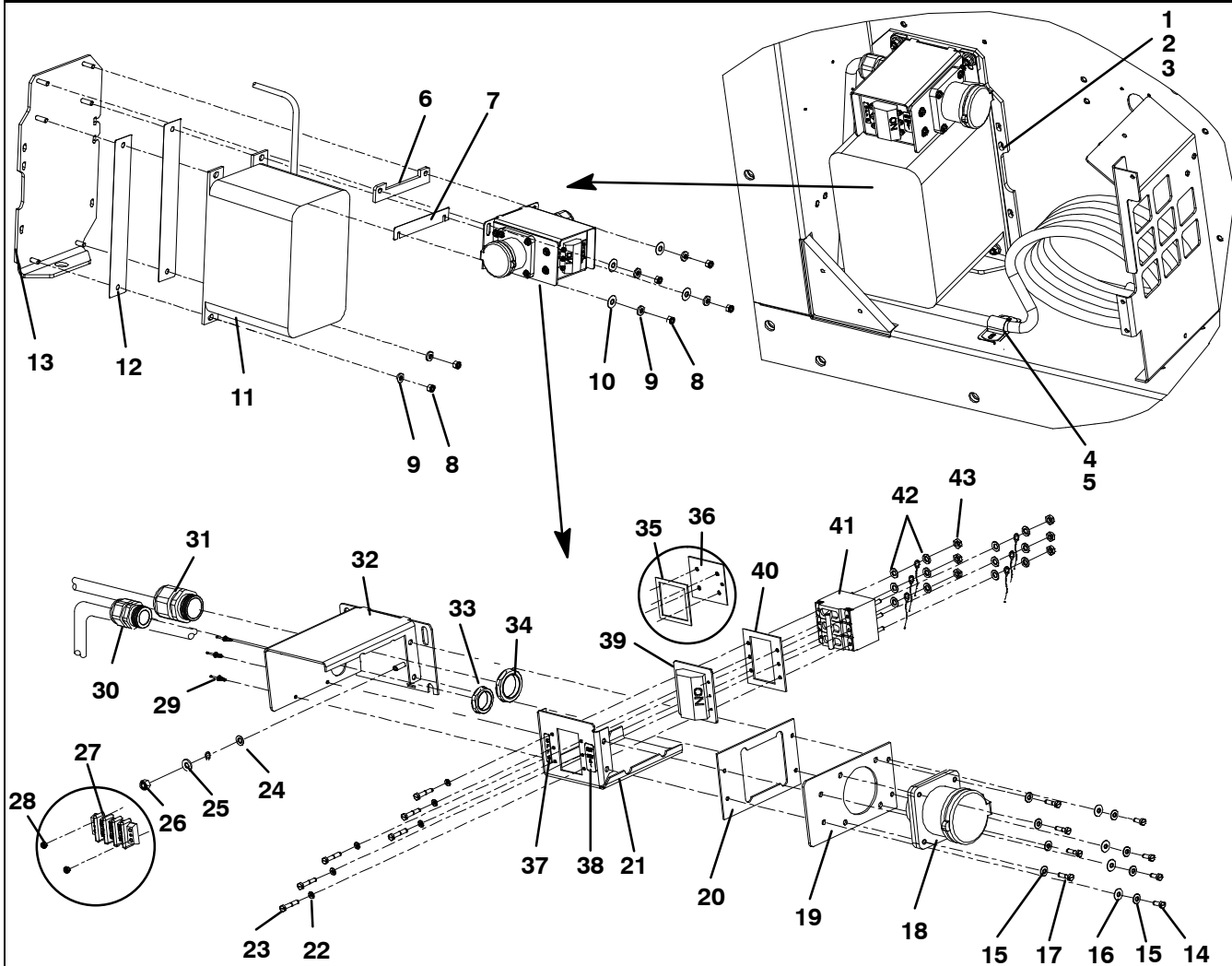
2.29 VOLTAGE CABLES



Item	Part Number	Description	Qty
CLAMPS ON BACK WALL AND CABLE CUTTERS			
1	69NT35-6412-2	Clamp, Cable Cutter, 8 AWG cable	1
	68-14456-00	Clamp, Cable Cutter, 10 AWG cable	1
	68-14456-01	Clamp, Cable Cutter, 11 AWG cable	1
2	58-04026-07	Protector, Mylar	A/R
3	66U1-5361-11	Screw, Machined Hex Head, 1/4-20 X 1-1/2 Long – SST	A/R
4	34-00667-11	Locknut, Hex Head, 1/4-20 – SST	A/R
5	66U1-5321-7	Washer, Flat, 1/4 – SST	A/R
6	34-06053-03	Washer, Mylar, 0.25 ID X 1.00 OD	A/R
460V CABLES			
STANDARD PARTS FOR ALL 460V CABLES			
7	22-02324-01	Bushing (Used with Standard Cable)	4
	22-02324-05	Bushing (Used with Transicord)	4
8	66U1-2583	Heat Shrink Tube (Coil Label) – “460V”	1
OPTION 1			
9	66U1-9782	Cable, Power – Yellow, 10/4	A/R
10	22-02378-00	Plug, Power	1
OPTION 2			
9	22-01551-00	Cable, Power – Yellow, 33 Amp, 11 AWG	A/R
10	22-02378-00	Plug, Power	1
OPTION 3			
9	66U1-9782	Cable, Power – Yellow, 10/4	A/R
10	22-01891-00	Plug, Power	1
OPTION 4			
9	22-01551-00	Cable, Power – Yellow, 33 Amp, 11 AWG	A/R
10	22-01891-00	Plug, Power	1

2.29 VOLTAGE CABLES (Continued)			
Item	Part Number	Description	Qty
OPTION 5			
9	22-01551-00	Cable, Power – Yellow, 33 Amp, 11 AWG	A/R
10	22-01883-00	Plug, Power	1
OPTION 6			
9	22-01551-00	Cable, Power – Yellow, 33 Amp, 11 AWG	A/R
10	22-01891-00	Plug, Power	1
OPTION 7			
9	66U1-9782	Cable, Power – Yellow, 10/4	A/R
10	22-01891-00	Plug, Power	1
OPTION 8			
9	66U1-9782	Cable, Power – Yellow, 10/4	A/R
10	22-01932-00	Plug, Power	1
OPTION 9			
9	66U1-9782	Cable, Power – Yellow, 10/4	A/R
10	22-02232-00	Plug, Power	1
230V CABLES			
STANDARD PARTS FOR ALL 230V CABLES			
8	66U1-2583-1	Heat Shrink Tube (Coil Label) – “230V”	1
7	22-02324-02	Bushing (Used with 8 AWG)	4
9	66U1-9782-1	Cable, Power – Black, 35 amps, 8 AWG	A/R
OPTION 1			
10	22-02188-00	Plug, Power	1
OPTION 2			
10	22-02375-00	Plug, Power	1
OPTION 3			
10	66U1-6782-3	Plug, Power	1
OPTION 4			
10	22-01744-00	Plug, Power	1
OPTION 5			
10	22-02322-00	Plug, Power	1
OPTION 6			
10	22-01884-00	Plug, Power	1
OPTION 7			
10	66U1-6782	Plug, Power	1
OPTION 8			
10	22-01931-00	Plug, Power	1
OPTION 9			
10	22-01906-00	Plug, Power	1

2.30 AUTOTRANSFORMER



Item	Part Number	Description	Qty
STANDARD PARTS INCLUDED IN OPTIONS			
1	66U1-5321-7	Washer, Plain, 1/4 W Type A	7
2	34-06053-00	Washer, Mylar, 0.250 ID X 0.800 OD	5
3	AA06JA-170	Screw, Hex Head, 1/4-20 X 1.00 Long	7
4	58-04026-07	Protector, Mylar	1
5	68-14456-02	Cable Cutter	1
OPTION 1 - AUTOTRANSFORMER WITHOUT CB2			
See Previous Section for Standard Parts and use with Item Below			
-	76-00667-04	Transformer Kit, Field Installation, without CB2 - Includes:	1
6	58-04026-25	Protector 1.00 X 6.62 with 2 Slots	1
7	69NT35-2086	Spacer 0.25 Thick Aluminum	1
8	34-00667-12	Nut, Self Lock 5/16-18	6
9	34-01181-01	Washer, Flat 0.320/0.330ID	6
10	34-06053-02	Washer 0.375 ID X 1.000 OD	4
11	69NT40-914-4	Transformer Assembly	1
12	58-04026-17	Protector 2.00 X 13.0 with 2 Holes	2
13	69NT43-374	Bracket Assembly DV Transformer Module	1

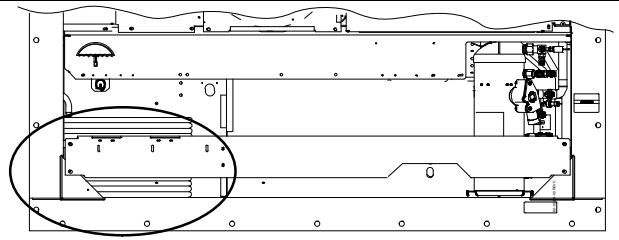
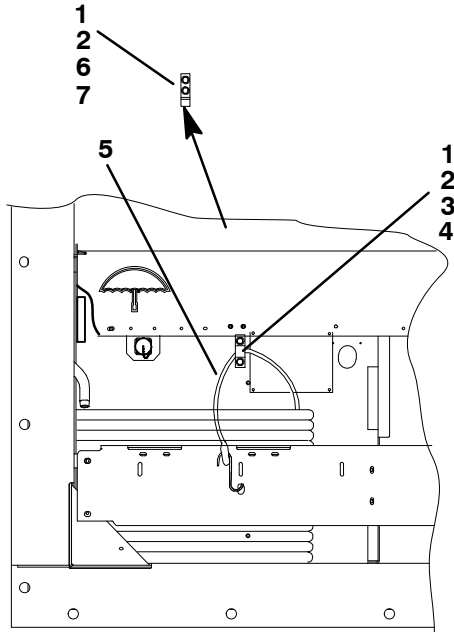
2.30 AUTOTRANSFORMER (Continued)			
Item	Part Number	Description	Qty
14	66U1-5371-7	Screw, Machined Hex Head #10-24 X 0.500 Slotted	4
15	66U1-5321-8	Washer, Plain #10 Type A	8
16	34-06053-05	Washer 0.205 ID X 0.600 OD	4
17	66U1-5371-6	Screw, Machined Hex Head #10-24 X 0.750 Slotted	4
18	22-01679-00	Receptacle 32 Amp/Bryant	1
19	69NT41-892	Cover Assembly Transformer Module, Receptacle	1
20	42-00328-00	Gasket 0.094 Thick X 3.60 X 5.74	1
21	69NT43-282	Box Assembly Transformer Module, CB2	1
22	34-06053-10	Washer 0.138 ID X 0.343 OD	4
23	66U2-1531-3	Screw, Machined Roundhead #6-32 X 0.375 Long SS	4
24	AU27JR-171	Washer, Lock 1/4 Ext Tooth	1
25	66U1-5321-3	Washer, Plain 1/4 N Type A	1
26	34-00667-11	Nut, Self Lock 1/4-20	1
27	22-01778-00	Terminal, Block Three Terminal	1
28	34-00795-09	Nut, Self Lock 10-32	2
29	34-00928-02	Rivet, Blind 0.125 Diameter 0.126-0.187	3
30	22-02319-05	Connector, Straight 3/4 Hub	1
31	22-02319-06	Connector, Straight, 0.590/1.00 Diameter	1
32	69NT43-270-1	Box Assembly, Weld DV Transformer Module	1
33	34-06136-01	Nut, Lock 3/4 NPT	1
34	34-06136-02	Nut, Lock 1.00 NPT	1
35	42-00366-00	Gasket 0.094 Thick, 3.20 X 3.200	1
36	68-13832-00	Plate Assembly, 0.090 Thick Aluminum	1
OPTION 2 - AUTOTRANSFORMER WITH CB2			
See Previous Page for Standard Parts and use with Items Below			
-	76-00667-03	Transformer Kit, Field Installation, with CB2 - Includes:	1
6	58-04026-25	Protector 1.00 X 6.62 with 2 Slots	1
7	69NT35-2086	Spacer 0.25 Thick Aluminum	1
8	34-00667-12	Nut, Self Lock 5/16-18	6
9	34-01181-01	Washer, Flat 0.320/0.330 ID	6
10	34-06053-02	Washer 0.375 ID X 1.000 OD	4
11	69NT40-914-4	Transformer Assembly	1
12	58-04026-17	Protector 2.00 X 13.0 with 2 Holes	2
13	69NT43-374	Bracket Assembly DV Transformer Module	1
14	66U1-5371-7	Screw, Machined Hex Head #10-24 X 0.500 Slotted	4
15	66U1-5321-8	Washer, Plain #10 Type A	8
16	34-06053-05	Washer 0.205 ID X 0.600 OD	4
17	66U1-5371-6	Screw, Machined Hex Head #10-24 X 0.750 Slotted	4
18	22-01679-00	Receptacle 32 Amp/Bryant	1
19	69NT41-892	Cover Assembly Transformer Module, Receptacle	1
20	42-00328-00	Gasket 0.094 Thick X 3.60 X 5.74	1
21	69NT43-282	Box Assembly, Transformer Module, CB2	1
22	34-06053-10	Washer 0.138 ID X 0.343 OD	6
24	AU27JR-171	Washer, Lock 1/4 Ext Tooth	1
25	66U1-5321-3	Washer, Plain 1/4 N Type A	1
26	34-00667-11	Nut, Self Lock 1/4-20	1
29	34-00928-02	Rivet, Blind 0.125, Diameter 0.126-0.187	3

2.30 AUTOTRANSFORMER (Continued)

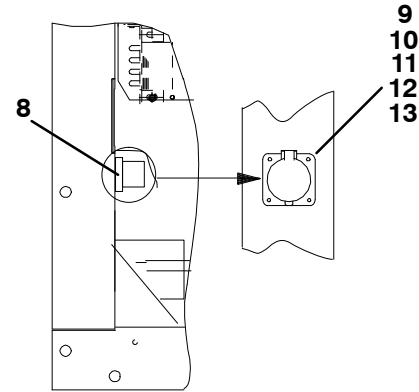
Item	Part Number	Description	Qty
30	22-02319-05	Connector, Straight 3/4 Hub	1
23	66U2-1531-3	Screw, Machined, Roundhead #6-32 X 0.375 Long, SST	6
31	22-02319-06	Connector, Straight, 0.590/1.00 Diameter	1
32	69NT43-270	Box Assembly, Weld DV Transformer Module	1
33	34-06136-01	Nut, Lock 3/4 NPT	1
34	34-06136-02	Nut, Lock 1.00 NPT	1
37	69NT35-1076	Label, On/Off (0.35 X 1.55)	1
38	69NT35-1076-1	Label, CB2 230V On/Off	1
39	66U2-1531-1	Boot 2.66 X 2.97, Black	1
40	68-13961-00	Boot, Frame 0.090 Thick Aluminum	1
41	10-00083-06	Circuit Breaker, 70A-250 VAC-50/60Hz	1
42	10-00083-07	Nut, Hex 1/4-20	6
43	10-00083-08	Washer, Flat 1/4 (Circuit Breaker)	12

2.31 CABLE RESTRAINT COMPONENTS

OPTION 3 – J-HOOK



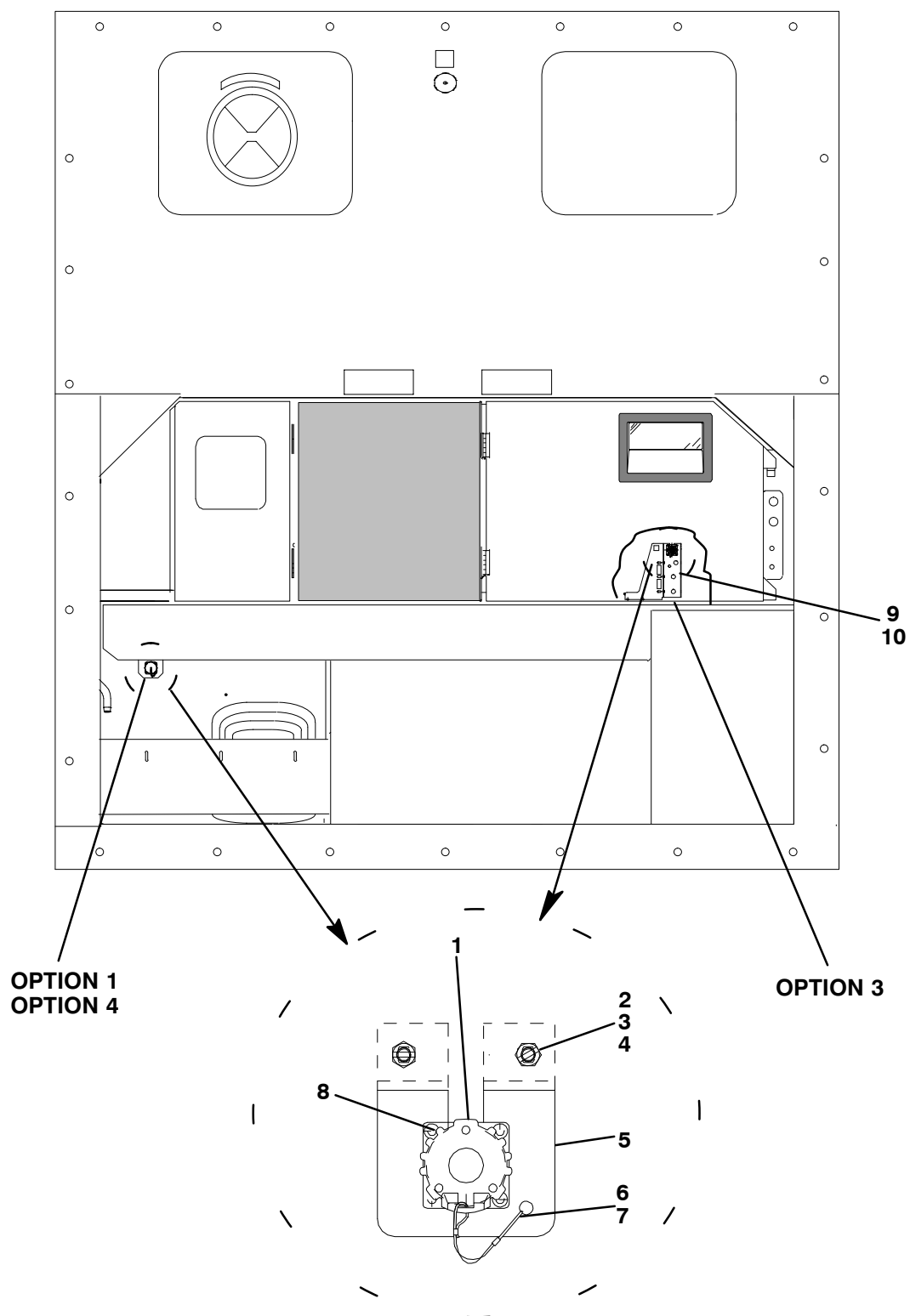
OPTION 2 – LEFT SIDE BUNGY CORD



OPTION R – DUMMY RECEPTACLE

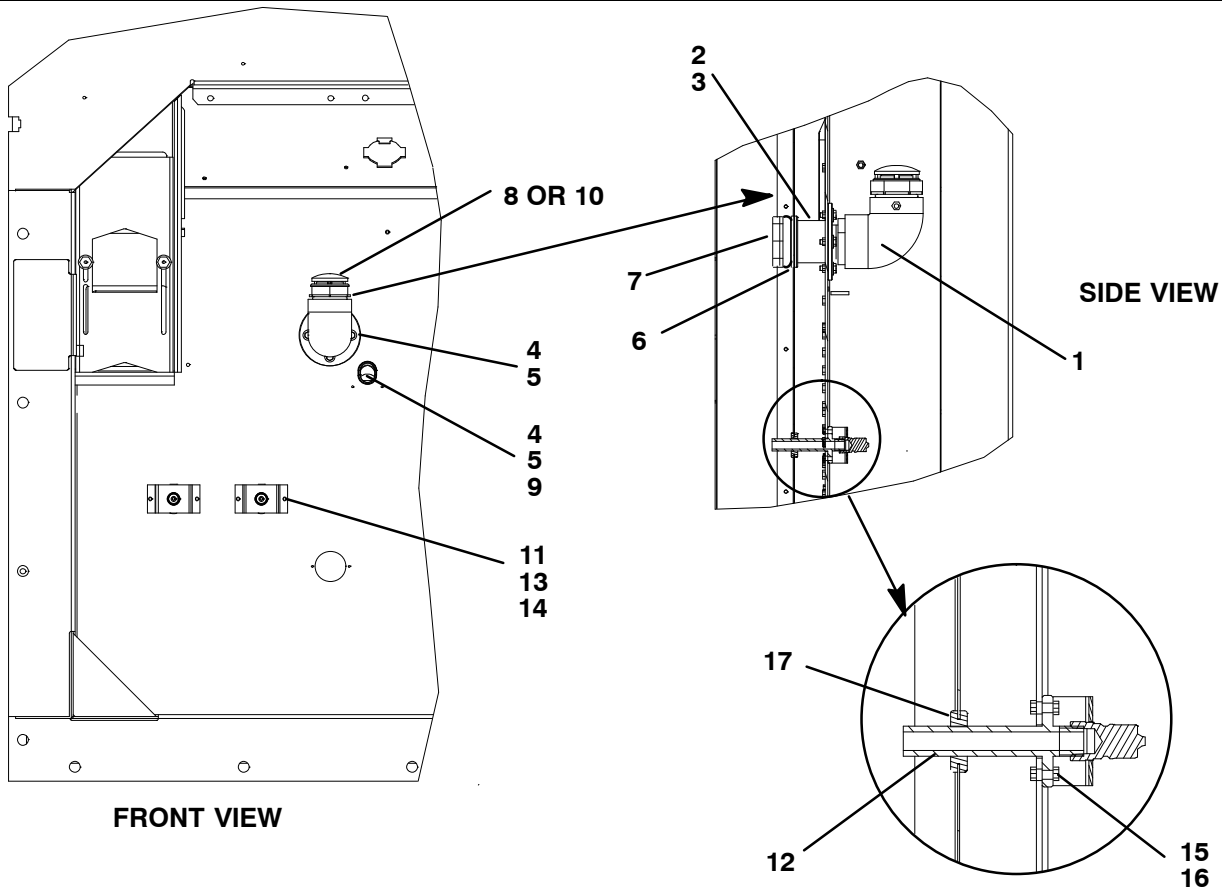
Item	Part Number	Description	Qty
OPTION 1 – DOOR OR L. BUNGY CORD PROVISIONING			
1	66U1-5321-7	Washer, Flat, 1/4 – SST	2
2	66U1-5361-25	Screw, Captive, Hex, Head, 1/4-20 X 0.75 Long – SST	2
3	34-06053-03	Washer, Mylar, 0.25 ID X 1.00 OD	2
OPTION 2 – LEFT SIDE BUNGY CORD ONLY			
1	66U1-5321-7	Washer, Flat, 1/4 – SST	2
2	66U1-5361-25	Screw, Captive, Hex, Head, 1/4-20 X 0.75 Long – SST	2
3	34-06053-03	Washer, Mylar, 0.25 ID X 1.00 OD	2
4	69NT35-5992	Cable Restraint, SST	1
5	66U1-2603	Strap, Tie Down	1
OPTION 3 – J-HOOK			
1	66U1-5321-7	Washer, Flat, 1/4 – SST	2
2	66U1-5361-25	Screw, Captive, Hex, Head, 1/4-20 X 0.75 Long – SST	2
6	69NT35-8382	Cable Restraint, J-Hook	1
7	58-04026-22	Protector, Mylar	1
OPTION R – DUMMY RECEPTACLE			
8	22-01679-03	Receptacle	1
9	66U1-5321-7	Washer, Flat, 1/4 – SST	2
10	66U1-5361-25	Screw, Captive, Hex, Head, 1/4-20 X 0.75 Long – SST	2
11	34-06053-03	Washer, Mylar, 0.25 ID X 1.00 OD	2
12	66U1-5321-8	Washer, Flat, #10 SST	4
13	66U1-5371-6	Screw, Captive, Hex, Head, 10-24 X 0.75 Long – SST	4

2.32 INTERROGATOR RECEPTACLE



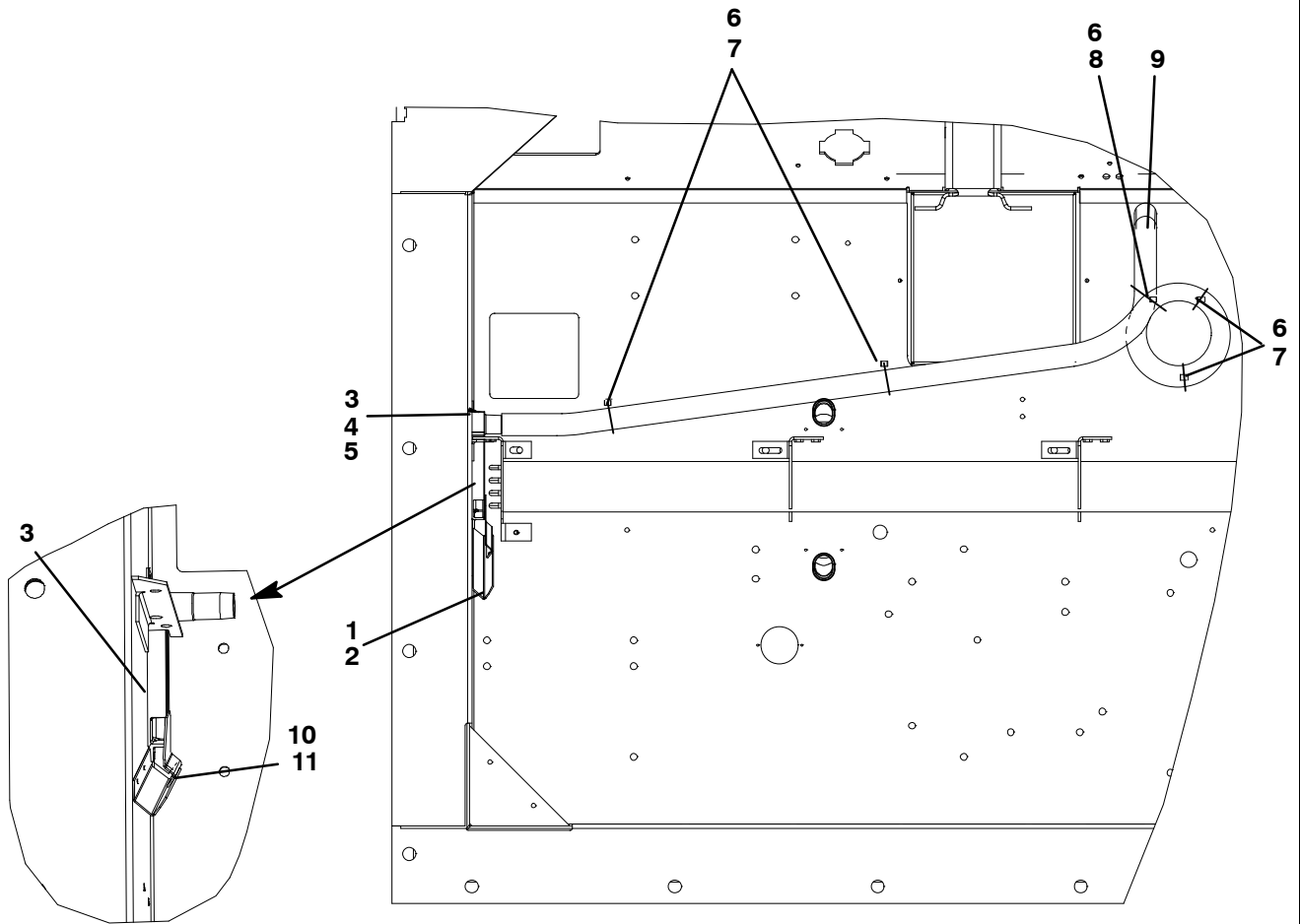
2.32 INTERROGATOR RECEPTACLE (Continued)			
Item	Part Number	Description	Qty
OPTION 1 – INTERROGATOR – LEFT MOUNT			
1	22-01660-05	Cap, Dust	1
2	66U1-5321-8	Washer, Plain, #10 Type A	2
3	66U1-5371-7	Screw, Machine, Hex Head, #10-24 X 0.500 Slotted	2
4	34-06053-05	Washer, 0.205 ID X 0.600 OD	2
5	69NT41-192-1	Bracket Assembly, Orange	A/R
	69NT41-192	Bracket Assembly, White	A/R
6	58-01097-00	Cord, Nylon, 0.085 OD	1
7	22-02205-00	Connector, Splice, Non-insulated	2
8	34-06142-00	Rivet, 0.110 Diameter, 0.126-0.250	4
Connector, Interrogator (Refer to Section 2.44)			
OPTION 3 – INTERROGATOR – BOX MOUNT			
1	22-01660-05	Cap, Dust, 5-Pin	1
6	58-01097-00	Cord, Nylon, 0.085 OD	A/R
7	22-02205-00	Connector, Splice, Non-insulated	2
8	34-06142-00	Rivet, 0.110 Diameter, 0.126 -0.250	4
9	22-01660-03	Connector, 5-Pin	1
10	22-01613-14	Pin	5
OPTION 5 – INTERROGATOR – LEFT MOUNT			
1	22-01660-05	Cap, Dust	1
2	34-06212-10	Washer, Plain, #10 Type A	2
3	34-66628-03	Screw, Machine, Hex Head, #10-24 X 0.500 Slotted	2
4	34-06053-05	Washer, 0.205 ID X 0.600 OD	2
5	69NT41-192	Bracket Assembly, Straight Mount	1
6	58-01097-00	Cord, Nylon, 0.085 OD	1
7	22-02205-00	Connector, Splice, Non-insulated	1
8	34-06142-00	Rivet, 0.110 Diameter, 0.126 – 0.250	4
Connector, Interrogator (Refer to Section 2.44)			

2.33 VACUUM RELIEF VALVE / CONTROLLED ATMOSPHERE OPTION



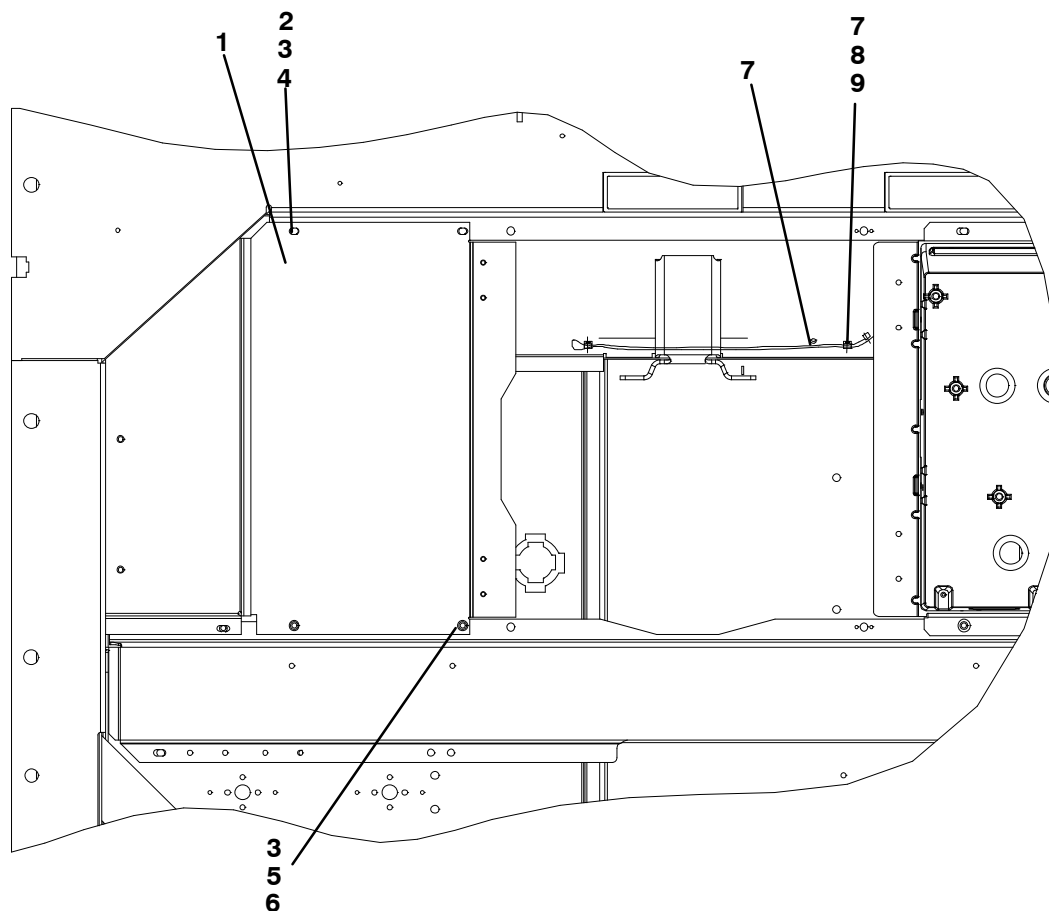
Item	Part Number	Description	Qty
COMMON PARTS			
1	58-04127-06	Elbow, Schedule 80	1
2	58-04127-00	Tube, Flanged – Plastic	1
3	58-04127-07	Collar	1
4	66U1-5321-7	Washer, Plain 1/4	A/R
5	66U1-5361-25	Screw, Hex Head 1/4-20 X 0.75	A/R
6	58-00065-72	Grommet	1
7	58-04127-05	Coupling, Schedule 80	1
OPTION 1 – VACUUM RELIEF VALVE ONLY			
8	40-66615-00	Valve, Vacuum Relief	1
9	34-06053-00	Washer, Plain 0.25 ID X 0.80 OD	8
OPTION 2 – WITH NITROGEN-FED CONTROLLED ATMOSPHERE			
10	58-04127-03	Valve, Pressure Relief	1
11	58-00989-03	Mylar Protector	4
12	58-04170-01	Tube Assembly, Nitrogen Feed	2
13	69NT35-8012	Bracket 14 Gauge SST 2B	2
14	34-00928-13	Rivet, Blind, 0.187 Diameter 0.126-0.250	4
15	66U1-5321-8	Washer, #10	4
16	66U1-5371-10	Screw, Machine, Hex Head, Slotted #10-24 X 1.00	4
17	58-00065-71	Grommet, Nitrogen Atmosphere	2

2.34 DRAIN



Item	Part Number	Description	Qty
1	68-15028-00	Channel, 0.063 Thick Aluminum, White	A/R
	68-15028-01	Channel, 0.063 Thick Aluminum, Orange	A/R
2	34-00928-03	Rivet, Blind, 1/8 Diameter, Grip Range 3/16-1/4	2
3	58-04696-00	Drain	1
4	66U1-5371-6	Screw, Machined Hex Head #10-24 X 0.750 Slotted	2
5	66U1-5321-8	Washer, Plain #10 Type A	2
6	58-04316-00	Base, Mounting	5
7	66U1-3882	Wire Tie, 1/16 - 1 3/4 Self-locking	4
8	58-00969-00	Wire Tie, 2.80 Diameter, Double Loop	1
9	58-04539-07	Tube, Flexible, 69" Long	1
10	68-15053-00	Shield, 0.063 Thick Aluminum	A/R
	68-15053-01	Shield, 0.063 Thick Aluminum, Orange	A/R
11	34-00928-02	Rivet, Blind, 1/8 Diameter, Grip Range 1/8-3/16	2

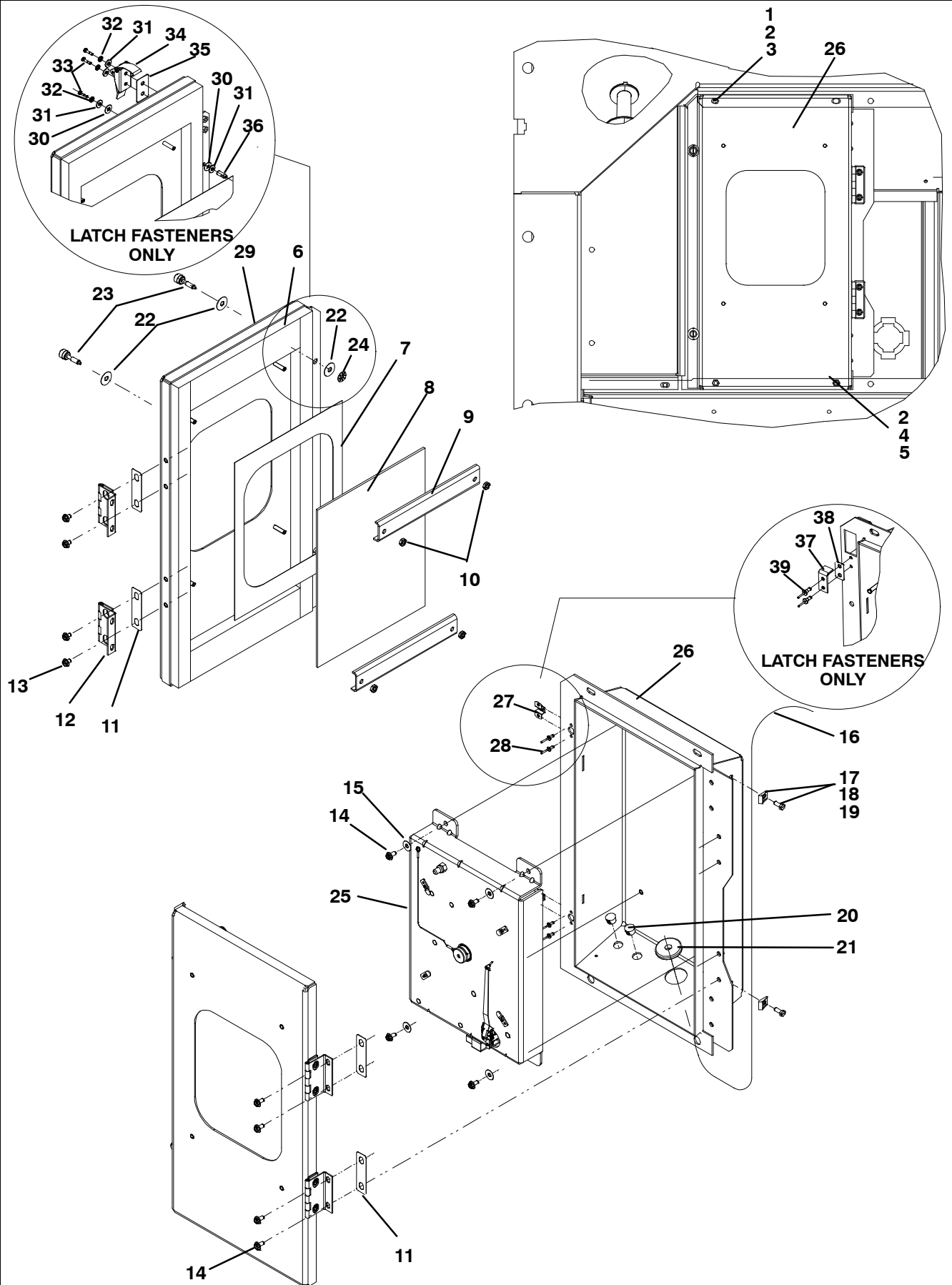
2.35 ELECTRONIC PARTLOW TEMPERATURE RECORDER- OPTION 9 AND OPTION P



Item	Part Number	Description	Qty
OPTION 9 - NO TEMPERATURE RECORDER			
1	68-12658-01	Recorder Cover, Blue	A/R
	68-12658-20	Recorder Cover, White	A/R
	68-12658-04	Recorder Cover, Orange	A/R
2	66U1-5321-7	Washer, Flat, 1/4 - SST	2
3	66U1-5361-25	Screw, Captive Hex Head, 1/4-20 X 0.75 Long - SST	4
4	34-06053-13	Washer, Retaining, 0.195 ID X 0.80 OD - Mylar	2
5	69NT35-2692-1	Washer, Fender, 1/4 ID X 0.993-1.015 OD	2
6	34-06053-03	Washer, 0.25 ID X 1.00 OD - Mylar	2

2.35 ELECTRONIC PARTLOW TEMPERATURE RECORDER- OPTION 9 AND OPTION P (Continued)			
Item	Part Number	Description	Qty
OPTION P – TEMPERATURE RECORDER PROVISION			
1	68-12658-01	Recorder Cover, Blue	1
2	66U1-5321-7	Washer, Flat, 1/4 – SST	2
3	66U1-5361-25	Screw, Captive Hex Head, 1/4-20 X 0.75 Long – SST	4
4	34-06053-13	Washer, Retaining, 0.195 ID X 0.80 OD – Mylar	2
5	69NT35-2692-1	Washer, Fender, 1/4 ID X 0.993-1.015 OD	2
6	34-06053-03	Washer, 0.25 ID X 1.00 OD – Mylar	2
7	66U1-3882	Wire Tie 1/16-1-3/4 Self-locking	4
8	22-01713-16	Harness ML3; E-Record	1
9	22-01713-18	Harness, E-Record Connection	2

2.36 ELECTRONIC PARTLOW TEMPERATURE RECORDER – OPTION 12 AND OPTION 13



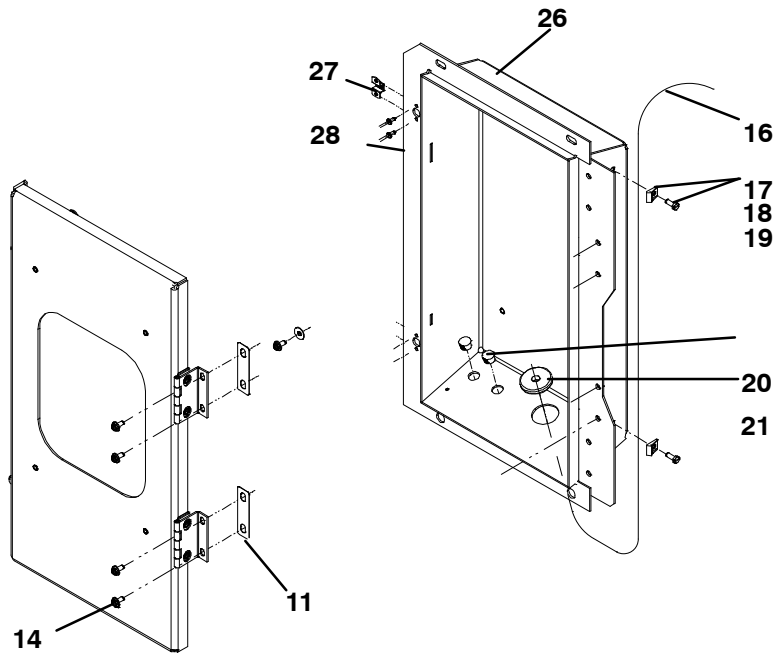
2.36 ELECTRONIC PARTLOW TEMPERATURE RECORDER – OPTION 12 AND OPTION 13 (Continued)			
Item	Part Number	Description	Qty
STANDARD PARTS INCLUDED IN OPTIONS			
1	66U1-5321-7	Washer, Plain 1/4 W Type A	2
2	66U1-5361-25	Screw, Captive Hex Head 1/4-20 X 0.75	4
3	34-06053-13	Washer, Retaining 0.19 ID X 0.80 OD (0.250)	2
4	69NT35-2692-1	Washer, Fender 1/4-0.993-1.015 OD	2
5	34-06053-03	Washer 0.250 ID X 1.000 OD	2
6	42-01098-01	Gasket, Door 0.68 X 10.43 X 20.23	1
7	69NT35-5352-1	Foam, Double Coated 0.03 X 8.37 X 10.63	1
8	69NT35-5022-5	Window 0.12 X 8.37 X 10.63	1
9	68-13724-00	Bracket, Mounting Window, 0.090 Thick Aluminum	2
10	34-00795-09	Nut, Self Lock 10-32	4
11	58-04101-07	Protector 0.010 Thick X 0.75 X 2.63	4
12	44-00374-00	Hinge Recorder Door	2
13	34-06179-04	Screw, Hex Head Sems #10-24 X 5/16	4
14	34-06179-00	Screw, Hex Head Sems #10-24 X 7/16	8
15	34-06053-05	Washer 0.205 ID X 0.600 OD	4
16	22-01713-16	Harness ML3; E-Record	1
17	58-04246-00	Ty-Rap Base (#10) Mounting Tab	2
18	66U1-5371-7	Screw, Machined Hex Head #10-24 X 0.500 Slotted	4
19	66U1-3882	Wire Tie 1/16-1-3/4 Self-locking	4
20	58-00616-02	Plug, Hole 0.50 Diameter X 0.12 Panel	2
21	58-00065-77	Grommet 0.38 ID X 1.25 OD	1
OPTION 12 – SPECIAL TEMPERATURE RECORDER INSTALLED			
See Previous Page for Standard Parts and use with Items Below			
-	76-00701-10 OPTION 12	Partlow Recorder Kit, Special – Includes: Recorder, Box and Door Assemblies (For field installation, units provisioned for – Refer to online matrix)	1
22	34-06053-00	Washer 0.250 ID X 0.800 OD	4
23	66U1-6811-8	Screw, Retaining 0.300-0.625 Panel	2
24	34-06169-00	Washer, Retaining 0.185 ID X 0.62 OD	2
25	12-00464-07	Recorder, Temp Electronic Partlow	1
26	86-04217-02	Box Assembly Welded (Universal)	1
27	34-01142-01	Receptacle #12 Saddle Type	2
28	34-00928-01	Rivet, Blind 0.125 Diameter 0.063-0.125	4
29	69NT43-256	Door Assembly	1

2.36 OPTION 12 AND OPTION 13 – ELECTRONIC PARTLOW TEMPERATURE RECORDER (Continued)

Item	Part Number	Description	Qty
OPTION 13 – STANDARD TEMPERATURE RECORDER INSTALLED			
See Previous Section for Standard Parts and use with Items Below			
–	76–00701–11 OPTION 13	Partlow Recorder Kit, Standard – Includes: Recorder, Box and Door Assemblies (For field installation, units provisioned for – Refer to online matrix)	1
22	34–06053–00	Washer 0.250 ID X 0.800 OD	4
23	66U1–6811–8	Screw, Retaining 0.300–0.625 Panel	2
24	34–06169–00	Washer, Retaining 0.185 ID X 0.62 OD	2
25	12–00464–08	Recorder, Temp Electronic Partlow (Standard)	1
26	86–04217–01	Box Assembly Welded	1
27	34–01142–01	Receptacle #12 Saddle Type	2
28	34–00928–01	Rivet, Blind 0.125 Diameter 0.063–0.125	4
29	69NT43–256	Door Assembly	1
OPTION 13 – STANDARD TEMPERATURE RECORDER INSTALLED, WITH WING SCREWS			
See Previous Page for Standard Parts and use with Items Below			
–	76–00701–11 OPTION 13	Partlow Recorder Kit, Standard – Includes: Recorder, Box and Door Assemblies (For field installation, units provisioned for – Refer to online matrix)	1
22	34–06053–00	Washer 0.250 ID X 0.800 OD	4
23	66U1–6811–16	Screw, Retaining 0.300–0.625 Pnl (Wing)	2
24	34–06169–00	Washer, Retaining 0.185 ID X 0.62 OD	2
25	12–00464–08	Recorder, Temp Electronic Partlow (Standard)	1
26	86–04217–01	Box Assembly Welded (Saginomiya)	1
27	34–01142–01	Receptacle #12 Saddle Type	2
28	34–00928–01	Rivet, Blind 0.125 Diameter 0.063–0.125	4
29	69NT43–256	Door Assembly	1

2.36 OPTION 12 AND OPTION 13 – ELECTRONIC PARTLOW TEMPERATURE RECORDER (Continued)			
Item	Part Number	Description	Qty
OPTION 13 – STANDARD TEMPERATURE RECORDER INSTALLED, WITH LATCH FASTENERS			
25	12-00464-07	Recorder, Temp Electronic Partlow	1
26	86-04217-02	Box Assembly Welded (Universal)	1
29	69NT43-256	Door Assembly	1
30	34-06053-14	Washer, Retaining 0.165 ID X 0.500 OD	2
31	66U1-5321-2	Washer, Plain #8 Type A	6
32	34-00663-08	Washer, Lock #8 Spring	5
33	34-66635-00	Screw, Machined Pinhead #8-32 X 0.375 Long	5
34	44-66605-00	Latch	2
35	58-04026-74	Protector Latch	2
36	48-66611-00	Pin, Guide Machined	1
37	68-86032-00	Keeper Recorder	2
38	58-04026-73	Protector Electronic, Latch	2
39	34-00928-09	Rivet, Blind 0.156 Diameter 0.126-0.250	4

2.36 OPTION 12 AND OPTION 13 – ELECTRONIC PARTLOW TEMPERATURE RECORDER (Continued)



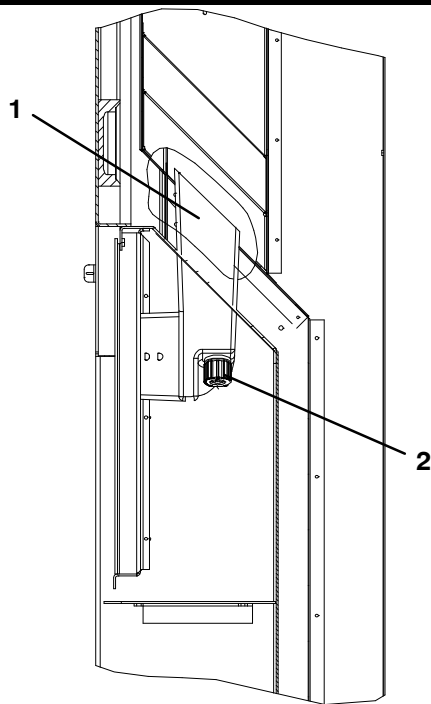
DOOR ASSEMBLY

	76-00701-13	Door Assembly – Includes:	
1	34-06179-04L	Screw, Hex Head Sems #10-24 X 5/16	4
2	44-00374-00	Hinge, Recorder Door	2
3	42-01098-01	Gasket, Door, 0.68 X 10.43 X 20.23	1
4	69NT35-5022-5	Window, 0.12 X 8.37 X 10.63	1
5	69NT35-5352-1	Foam, Double Coated, 0.03 X 8.37 X 10.63	1
6	68-13724-00	Bracket, Mounting, Window, 0.090 Thick Alum	2
7	34-00795-09	Nut, Self Lock, 10-32	4
8	86-66695-00	Door Assembly Eg, Latch	1
9	44-66605-00	Latch	2
10	58-04026-74	Protector, Latch	2
11	34-00663-08	Washer, Lock, #8 Spring	5
12	66U1-5321-2	Washer, Plain, #8 Type A	6
13	34-66635-00	Screw, Machine, Pan Head, #8-32 X 0.375 Long	5
14	48-66611-00	Pin, Guide Machined	1
15	34-06053-14	Washer, Retaining, 0.165ld X 0.500 Od	2

BOX ASSEMBLY

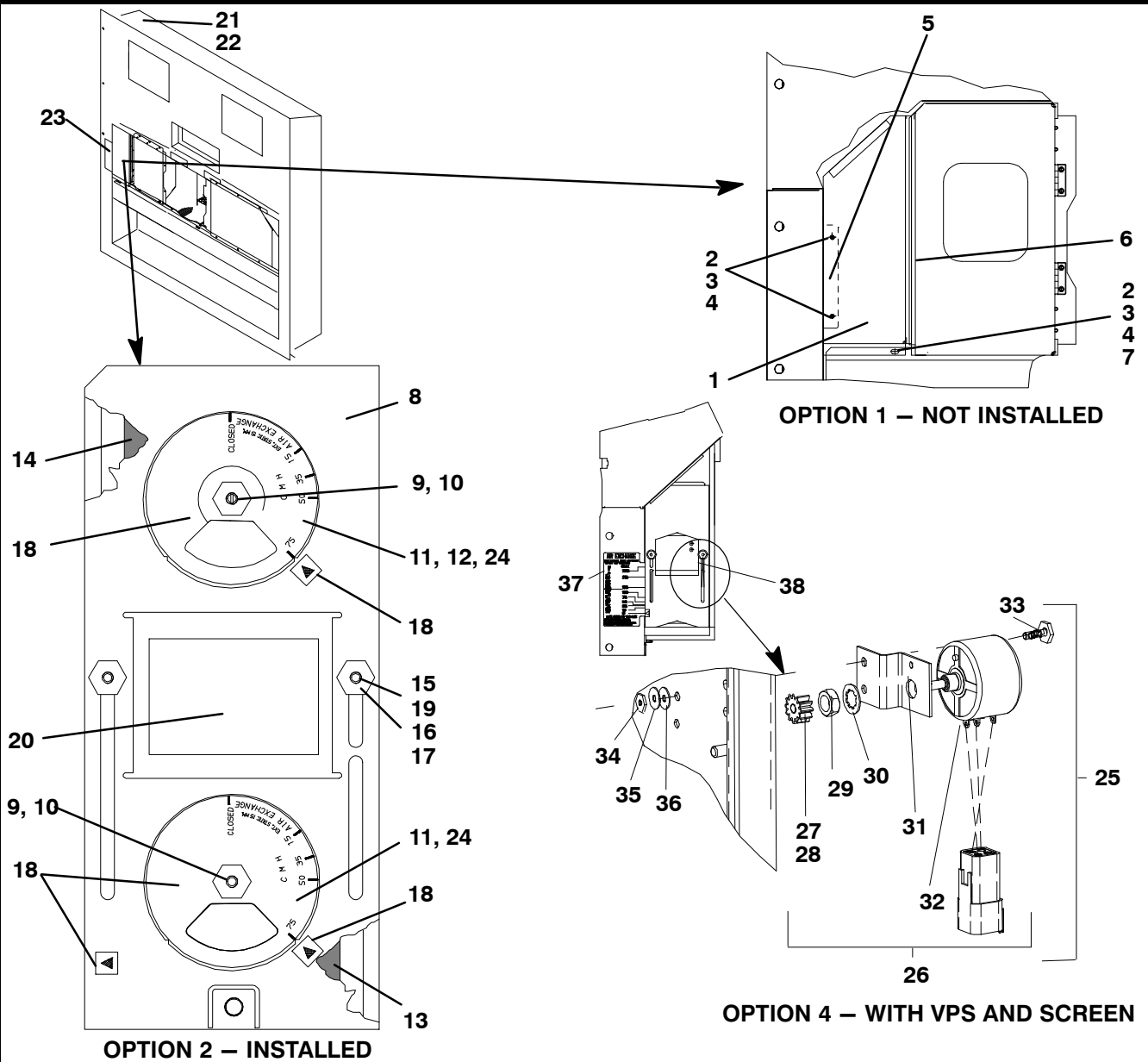
	86-04217-03	Box Assembly – Includes:	
1	86-04217-03	Box Assembly – Includes:	1
2	34-06179-00	Screw, Hex Head, Sems #10-24 X 7/16	4
3	58-04101-07	Protector	2
4	68-86032-00	Keeper, Recorder	2
5	58-04026-73	Protector	2
6	34-00928-09	Rivet, Blind	4

2.37 BULKHEAD PENETRATION – LOWER AIR EXCHANGE



Item	Part Number	Description	Qty
OPTION 2 – STANDARD INSTALLED			
1	58-04162-01	Duct, Elbow Fresh Air	1
2	69NT35-8258	Disc, 0.040 Thick Aluminum	1

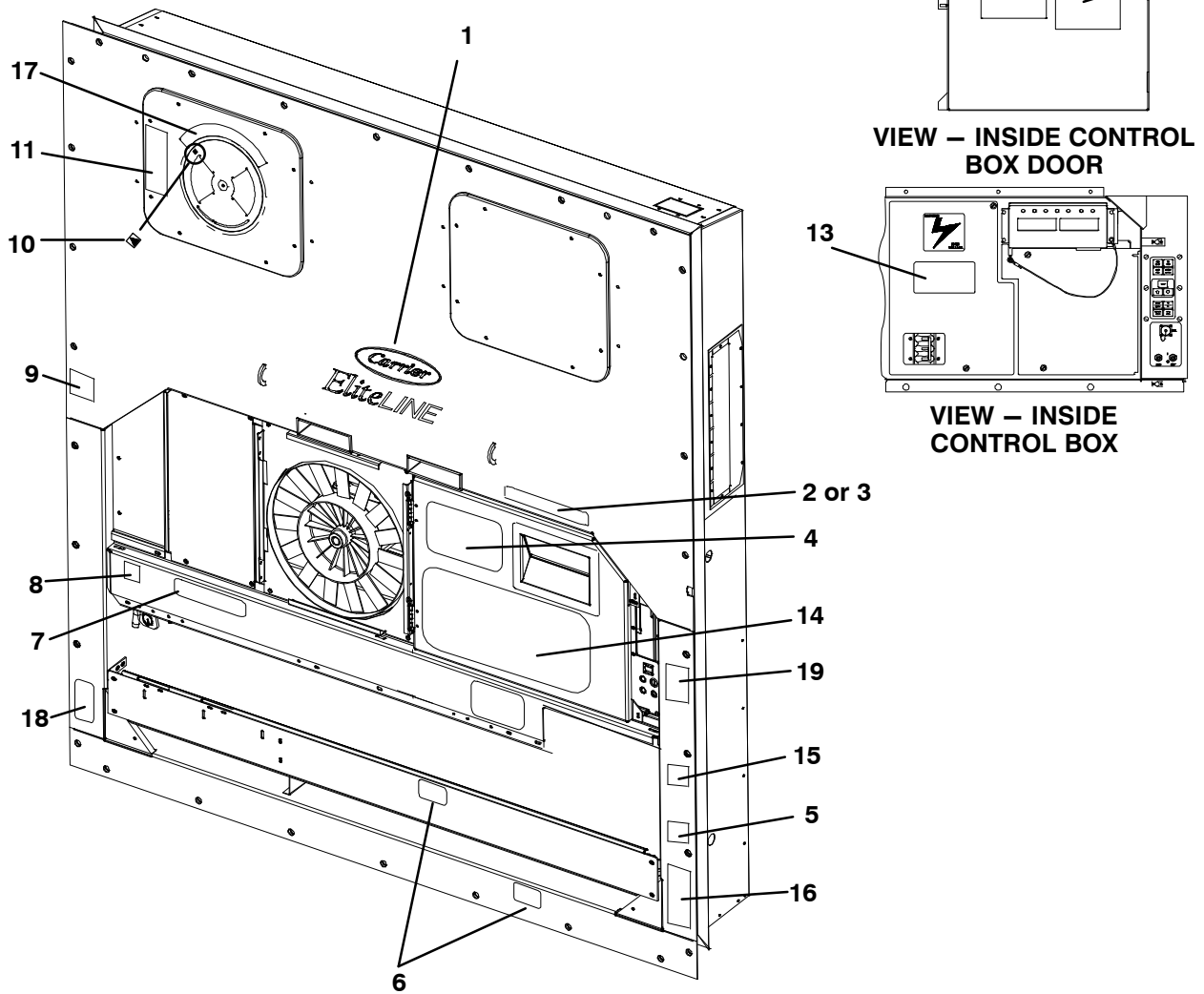
2.38 LOWER FRESH AIR MAKE-UP



Item	Part Number	Description	Qty
OPTION 1 - LOWER FRESH AIR (NONE)			
1	69NT35-4047	Panel, Blank, Blue	A/R
	69NT35-4047-1	Panel, Blank, Orange	A/R
	69NT35-4047-20	Panel, Blank, White	A/R
2	66U1-5361-25	Screw, Hex Head, 1/4-20 X 3/4 Long - SST	3
3	34-06053-18	Washer, Mylar, 1/4 ID X 1.00 OD	3
4	66U1-5321-3	Washer, Flat, 1/4, Type A- SST	3
5	69NT43-307	Bracket, Panel	1
6	42-00465-00	Gasket	1
7	69NT35-2692-1	Washer, Fender 1/4 - SST	1
OPTION 2 - INSTALLED			
-	69NT41-852-3	Cover, Fresh Air Makeup - Includes:	1
8	69NT41-257-2	Assembly, Slide	1
9	34-06092-00	Nut, Hex, 1/4-20 UNC-2B - SST	2
10	34-06053-03	Washer, 0.250 ID X 1.000 OD	2

2.38 LOWER FRESH AIR MAKE-UP (Continued)			
Item	Part Number	Description	Qty
OPTION 2 – INSTALLED			
–	69NT40–976–3	Cover Assembly, Air Bleed – Includes:	2
11	42–00233–01	Gasket, Air Exchange	2
12	69NT35–6922	Cover, 0.090 Thick Aluminum	2
13	42–00295–01	Gasket, Cover	1
14	42–00295–00	Gasket, Cover	1
15	69NT35–2692–1	Washer, Fender 1/4 – 0.993–1.015 OD	2
16	66U1–5362–1	Nut, Wing, 1/4–20 Type A – SST	2
17	58–00836–19	Spacer, Nylon, 0.50 D X 0.562 L	2
18	76–50116–03	Label Kit – Includes:	1
	62–10540–04	Label, Air Exchange, CMH – <i>English</i>	2
	66CH1–1002–33	Label, Arrow	3
	76–50116–00	Label Kit – Includes:	1
	69NT35–1417	Label, Air Exchange, CMH – <i>English</i> (Maersk Specification)	2
	66CH1–1002–33	Label, Arrow (Maersk Specification)	3
	76–50116–01	Label Kit – Includes:	1
	69NT35–9238	Label, Air Exchange, CFM – <i>English/Spanish</i>	2
	66CH1–1002–33	Label, Arrow	3
	76–50116–02	Label Kit – Includes:	1
	62–10540–00	Label, Air Exchange, CMH – <i>English/Spanish/Chinese</i>	2
	66CH1–1002–33	Label, Arrow	3
	76–50116–04	Label Kit – Includes:	1
	62–10540–00	Label, Air Exchange, CMH – <i>English/Spanish/Chinese</i> (NYK Specification)	2
	62–10381–00	Label, Arrow (NYK Specification)	3
19	69NT41–782	Bushing	2
20	69NT35–7012	Label, Fresh Air	1
21	69NT35–8348	Baffle, Unpainted	1
22	34–00928–09	Rivet, Blind, 0.156 Diameter, Grip Range – 3/16–1/4	4
23	69NT35–1287–1	Label, Fresh Air Exchange, CMH – <i>English</i> (Maersk Specification)	1
	69NT35–9228	Label, Fresh Air Exchange, CFM – <i>English/Spanish</i>	1
	62–10537–00	Label, Fresh Air Exchange, CMH – <i>English/Japanese/Chinese</i>	1
	62–10381–00	Label, Fresh Air Exchange, CMH – <i>English</i>	1
OPTION 4 – INSTALLED WITH SCREENS AND VPS – USE ALL OF OPTION 2 PLUS ITEM BELOW			
24	58–04263–01	Screen Assembly, Medfly	2
25	76–50136–00	Assembly, Vent Position Sensor – Includes:	1
26	79–01925–00	Sensor Assembly – Includes:	1
27	48–00377–00	Gear, Auto Lower Fresh Air	1
28	34–06262–00	Screw, Set #8– 32 X 0.156 Long	1
29	34–06287–00	Nut, Hex Jam 3/ 8– 32	1
30	34–06286–00	Washer, Lock 3/ 8– 32	1
31	68–14955–00	Bracket, 0.063 Thick SST	1
32	10–00455–00	Sensor, LVPS, Potentiometer	1
33	66U1–5371–7	Screw, Hex Head 10–24 X 1/2 Long SST	2
34	34–00666–09	Nut, Hex, 10–24 UNC–2B – SST	2
35	66U1–5321–8	Washer, Flat, 1/2, Type A– SST	2
36	34–06053–04	Washer, Mylar	2
37	62–10984–00	Label, LVPS, Air Exchange	1
38	79–01934–00	Assembly, Slide	1

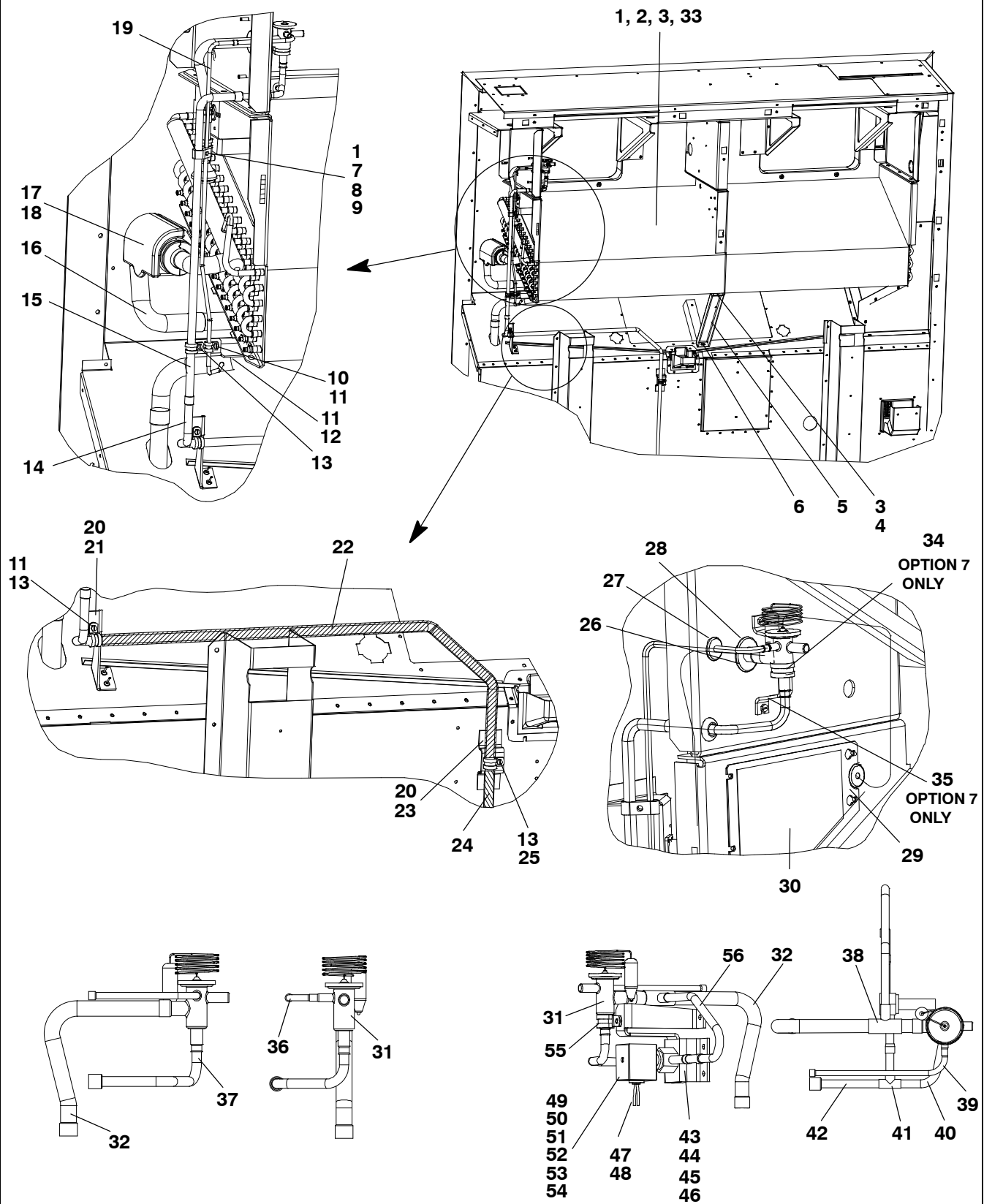
2.39 LABELS AND DECALS (Not Applicable to All Units)



Item	Part Number	Description	Qty
STANDARD LABELS			
1	62-10754-00	Decal, Carrier EliteLine	1
	62-10754-01	Decal, Carrier EliteLine	1
2	69NT35-3867	Label, Economy Mode	1
3	69NT20-1893-1	Label, Degrees -C to Degrees -F	1
4	62-10799-02	Label, Function Code - <i>English</i>	1
5	62-02444-01	Label, Charge with R-134a	1
6	62-02458-01	Label, POE Compressor Oil	1
7	62-02863-01	Label, Fan Warning	1
8	62-02530-01	Label, R-134a - Ozone Protection, Umbrella Only	1
9	62-10356-00	Label, No Medfly	1
10	66CH1-1002-33	Label, ">" (Arrow)	1
11	62-10926-00	Label, Cmh-Cfm Conversion	1
12	62-66678-01	Label, Refrigeration System	1

2.39 LABELS AND DECALS (Continued)			
Item	Part Number	Description	Qty
OPTION 1 – ENGLISH			
13	62-10904-00	Label, Welding Precautions – <i>English</i>	1
14	62-02743-16	Label, Operating Instructions (Electronic Partlow with Supply and Return Air)	1
	62-02743-18	Label, Operating Instructions (No Recorder)	1
15	62-11009-00	Label, Compressor Removal – <i>English</i>	1
16	62-11139-00	Label, Warning Compressor Power-Up – <i>English</i>	1
17	62-02723-00	Label, Fresh Air Makeup – <i>English</i>	1
	62-02723-03	Label, Fresh Air Makeup (with Full CMH) – <i>English</i>	1
	62-02723-10	Label, Fresh Air Makeup (with Full CMH + CFM) – <i>English</i>	1
OPTION 2 – ENGLISH/SPANISH			
13	62-10904-02	Label, Welding Precautions – <i>English/Spanish</i>	1
14	62-02743-01	Label, Operating Instructions (Partlow with Return Air) – <i>English/Spanish</i>	1
	62-02743-10	Label, Operating Instructions (No Recorder) – <i>English/Spanish</i>	1
16	62-11139-02	Label, Warning Compressor Power-Up – <i>English/Spanish</i>	1
17	62-02723-02	Label, Fresh Air Makeup – <i>English/Spanish</i>	1
	62-02723-04	Label, Fresh Air Makeup (with Full CMH) – <i>English/Spanish</i>	1
18	62-10998-00	Label, Secure Cable with Tie Wrap – <i>English/Spanish</i>	1
OPTION 5 – ENGLISH/TRADITIONAL CHINESE			
13	62-10904-04	Label, Welding Precautions – <i>English/Chinese</i>	1
14	62-02743-19	Label, Operating Instructions (Electronic Partlow with Supply and Return Air) – <i>English/Chinese</i>	1
15	62-11009-01	Label, Compressor Removal – <i>English/Chinese</i>	1
16	62-11139-01	Label, Warning Compressor Power-Up – <i>English/Chinese</i>	1
17	62-02723-06	Label, Fresh Air Makeup – <i>English/Chinese</i>	1
19	62-66644-00	Label, Manual Defrost Instructions – <i>English/Chinese</i>	1

2.40 EVAPORATOR TUBING AND COIL



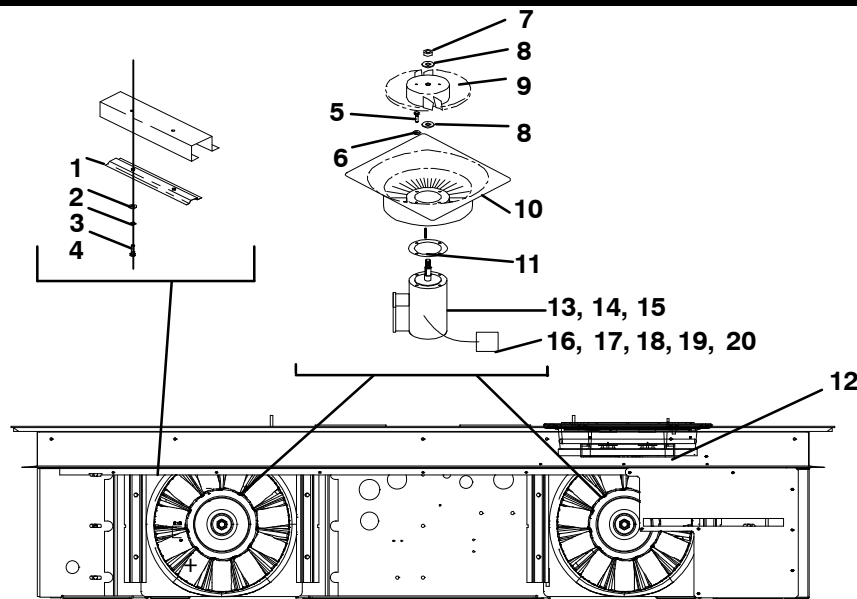
OPTION 7 - STANDARD TXV VIEW

OPTION 8 - TXV BYPASS VIEW

2.40 EVAPORATOR TUBING AND COIL (Continued)			
Item	Part Number	Description	Qty
STANDARD PARTS INCLUDED IN OPTIONS			
1	66U1-5321-3	Washer, Plain 1/4 N Type A	12
2	66U1-5361-25	Screw, Captive Hex Head 1/4-20 X 0.75	9
3	34-00663-11	Washer, Lock 1/4 Spring	10
4	AA06JA-166	Screw, Captive Hex Head 1/4-20 X 0.50	1
5	68-15216-00	Bracket, Support 0.125 Thick Aluminum	1
6	66U1-7452-3	Screw, Lag 1/4-10 X 2.00 Hex Head	1
7	44-01143-05	Clamp, Tube 1/4 and 1/2 Diameter Multiple	1
8	34-00655-10	Screw, Captive Hex Head 1/4-20 X 1.25	1
9	34-00667-11	Nut, Self Lock 1/4-20	1
10	34-00373-51	Clamp, Tube 0.25 Diameter Cushion	1
11	66U1-5381-1	Screw, Hex Head #10-24 X 0.75 L, Thread Cutting	13
12	68-14890-00	Bracket 0.125 Thick Aluminum	1
13	44-00370-03	Clamp, Cushioned 0.50 Diameter	3
14	56-08503-00	Tube, Liquid 0.500 OD X 0.035 Wall Cu	1
15	56-08501-00	Tube, Liquid 0.500 OD X 0.035 Wall Cu	1
16	56-08502-00	Tube, Suction 1.125 OD X 0.050 Wall Cu	1
17	58-04664-00	Insulation, Foam Formed, TXV Bulb	1
18	66U1-3882-3	Wire Tie 1/16-4.0 Self-locking	2
19	56-08500-00	Tube, Equalizer 0.250 OD X 0.028 Wall Cu	1
20	34-00928-09	Rivet, Blind 0.156 Diameter 0.126-0.250	4
21	68-15002-01	Bracket 0.125 Thick Aluminum	1
22	42-00667-12	Insulation, Tube Pre-Taped	1
23	68-14999-00	Bracket 0.090 Thick Aluminum	1
24	42-00667-13	Insulation, Tube Pre-Taped	1
25	66U1-5371-7	Screw, Machined Hex Head #10-24 X 0.500 Slotted	1
26	66U1-1571-3	Grommet 0.50 ID X 1.00 OD	1
27	58-00065-46	Grommet 0.25 ID X 0.75 OD X 0.12	2
28	58-00065-56	Grommet 0.62 ID X 0.12 Groove	1
29	68-14892-00	Plate, Cover, 0.125 Thick Aluminum	1
30	62-10980-00	Label, TXV Bulb	1
31	14-00273-09	Valve Assembly, Expansion Hermetic, Liquid	1
32	56-08345-00	Tube 0.625 OD Liquid	1

2.40 EVAPORATOR TUBING (Continued)			
Item	Part Number	Description	Qty
OPTION 7 – STANDARD THERMOSTATIC EXPANSION VALVE (TXV)			
See Previous Section for Standard Parts and Use with Items Below:			
33	81-01925-01	Coil Assembly, Evaporator TXV, with Varnish	A/R
	81-01925-00	Coil Assembly, Evaporator TXV, without Varnish	A/R
34	34-00373-59	Clamp, Tube 0.75 Diameter Cushion	1
35	68-15015-00	Bracket, TXV 0.125 Thick Aluminum	1
36	56-08348-00	Tube 0.25 OD Equalizer	1
37	56-08346-00	Tube 0.375 OD Liquid	1
OPTION 8 – STANDARD THERMOSTATIC EXPANSION VALVE WITH BYPASS ASSEMBLY			
See Previous Page for Standard Parts and Use with Items Below:			
33	81-01925-00	Coil Assembly, Evaporator TXV, without Varnish	1
38	40-00169-16	Tee, Reducing 5/8 X 5/8 X 3/8	1
39	56-08588-00	Tube 0.25 OD X 0.035 Wall	1
40	56-08589-00	Tube 3/8 OD X 0.028 Wall	1
41	DE40BA-101	Tee, 3/8	1
42	56-08590-00	Tube, Liquid 3/8 OD X 0.035 Wall	1
43	68-15385-01	Bracket, TXV 0.125 Thick Aluminum	1
44	66U1-5371	Screw, Machined Hex Head #8-32 X 1/2 Long Slotted	2
45	66U1-5321-2	Washer, Plain #8 Type A	2
46	66U1-5331-4	Washer, Lock #8 Spring	2
47	66U1-3803	Tube, Heat Shrink 0.25 X 2.12 Blk	2
48	66U1-3882	Wire Tie 1/16-1-3/4 Self-locking	3
49	14-01090-15	Valve, Solenoid	1
50	14-01091-04	Coil Kit, Solenoid Valve – Includes:	1
51	NSS	Coil, Solenoid	1
52	NSS	O-Ring, Top	1
53	NSS	O-Ring, Bottom	1
	NSS	Spacer, Brass (Used on ESV Only)	1
54	NSS	Screw, Mounting	1
55	66U1-5371-6	Screw, Machined Hex Head #10-24 X 0.750 Slotted	1
56	56-08591-00	Tube, Liquid 3/8 OD X 0.028 Wall	1

2.41 EVAPORATOR FAN ASSEMBLY



TOP VIEW

Item	Part Number	Description	Qty
1	69NT43-295	Mounting Bracket, Evaporator Fan Assembly	4
2	69NT35-2692-1	Washer, Fender	8
3	34-00663-11	Washer, Lock, 1/4 - SST	8
4	34-06165-08	Screw, Hex Head, 1/4-20 X 1.00 - SST (Red)	8
5	34-00655-08	Screw, Captive Hex Head, 1/4-20 X 1.00	4
6	66U1-5321-3	Washer, Flat, 1/4 - SST	8
7	34-00795-17	Nut, Self Locking, 5/8-18 - SST	2
8	34-00616-06	Washer, Special, 5/8 - SST	4
9	38-00557-00	Fan, Evaporator	2
10	48-00262-00	Stator, Evaporator	2
11	58-04066-00	Protector - Mylar	2
12	66U1-2552-185	Gasket, 0.75 Thick X 1.5 X 16.63	1

OPTION 1 - EVAPORATOR FAN MOTOR, SINGLE-PHASE

13	54-00585-20	Motor, Evaporator Fan, Single-Phase - Includes:	2
14	04-50027-00	Bearing, Front (Shaft End)	1
15	54-50027-01	Bearing, Back	1
NS	22-50088-00	Capacitor (20 μ F) High Speed	1
16	22-01997-11	Cap, Housing	1
17	22-01997-13	Seal, Wire	1
18	22-01997-04	Pin	6
19	22-01997-09	Pin, Grounding	1
20	22-01997-08	Plug, Sealing	2

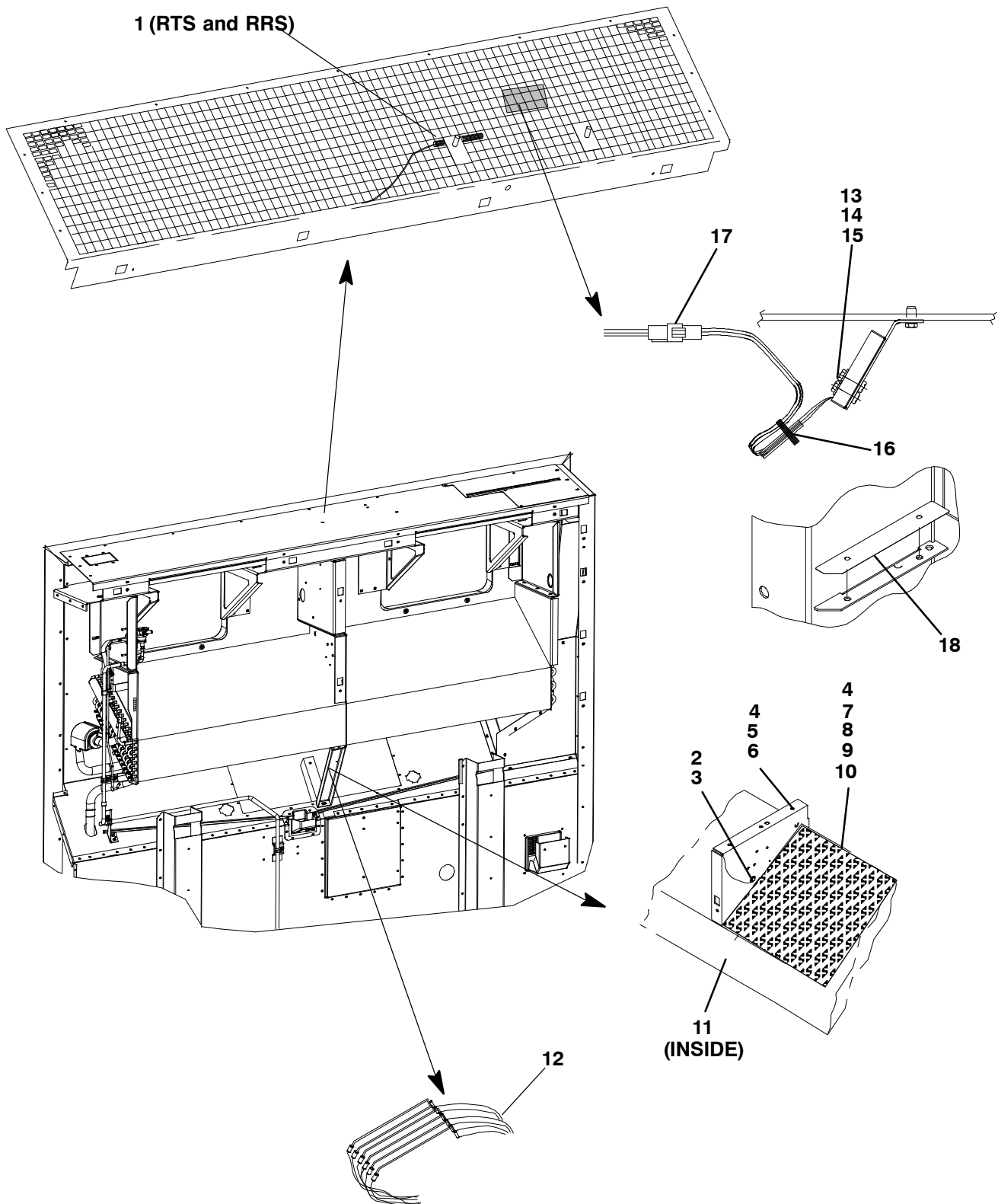
Plug Assembly, Motor (Refer to Section 2.45)

OPTION 3 - EVAPORATOR FAN MOTOR, THREE-PHASE

13	54-00615-20	Motor, Evaporator Fan, Three-Phase - Includes:	
14	04-50029-00	Bearing, Front (Shaft End)	1
15	04-50029-01	Bearing, Back	1
16	22-01997-19	Cap, Housing	1
17	22-01997-21	Seal, Wire	1
18	22-01997-04	Pin	8
19	22-01997-09	Pin, Grounding	1
20	22-01997-08	Plug, Sealing	3

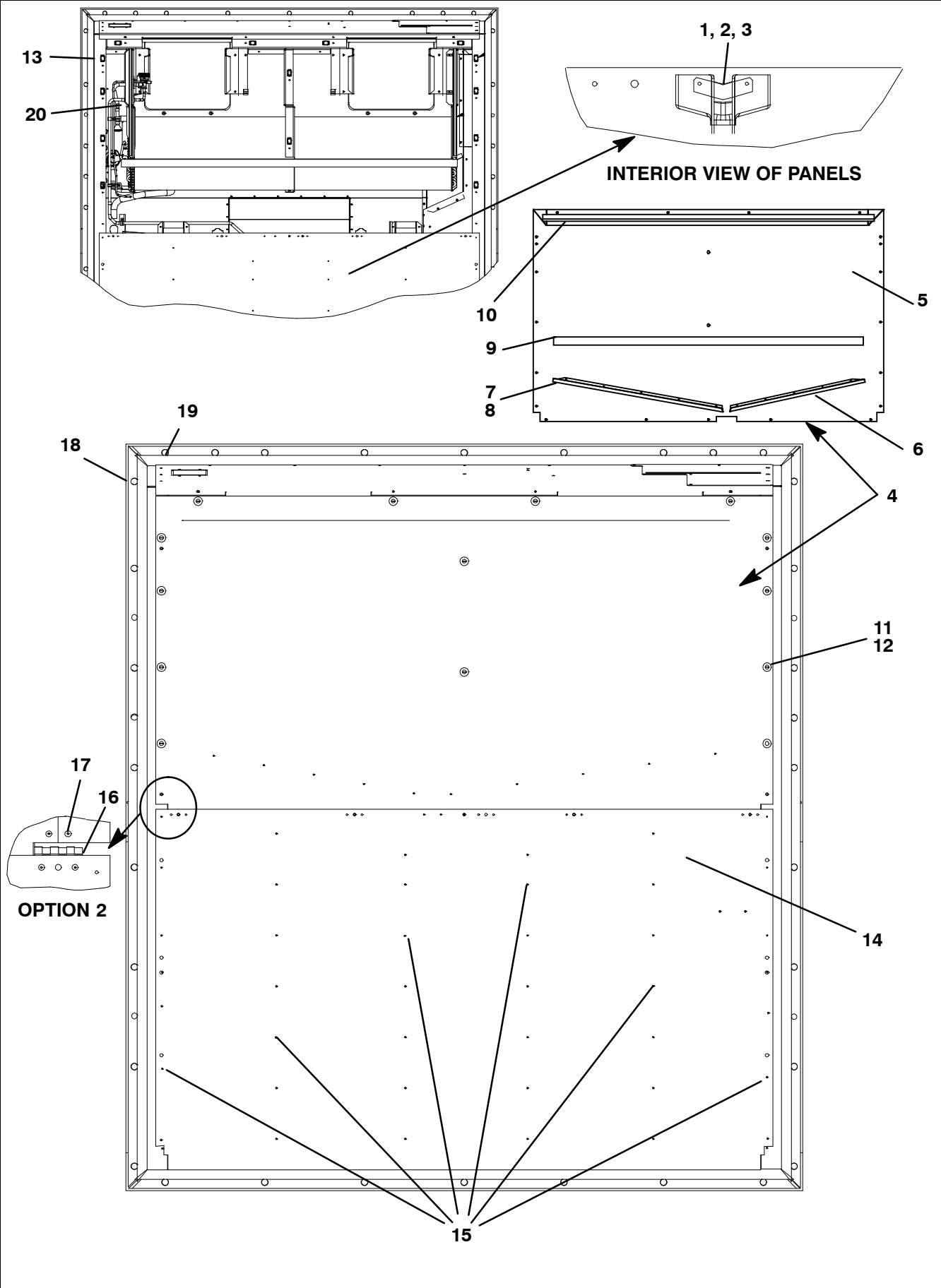
Plug Assembly, Motor (Refer to Section 2.45)

2.42 HEATERS AND SENSORS (REAR PANELS REMOVED)



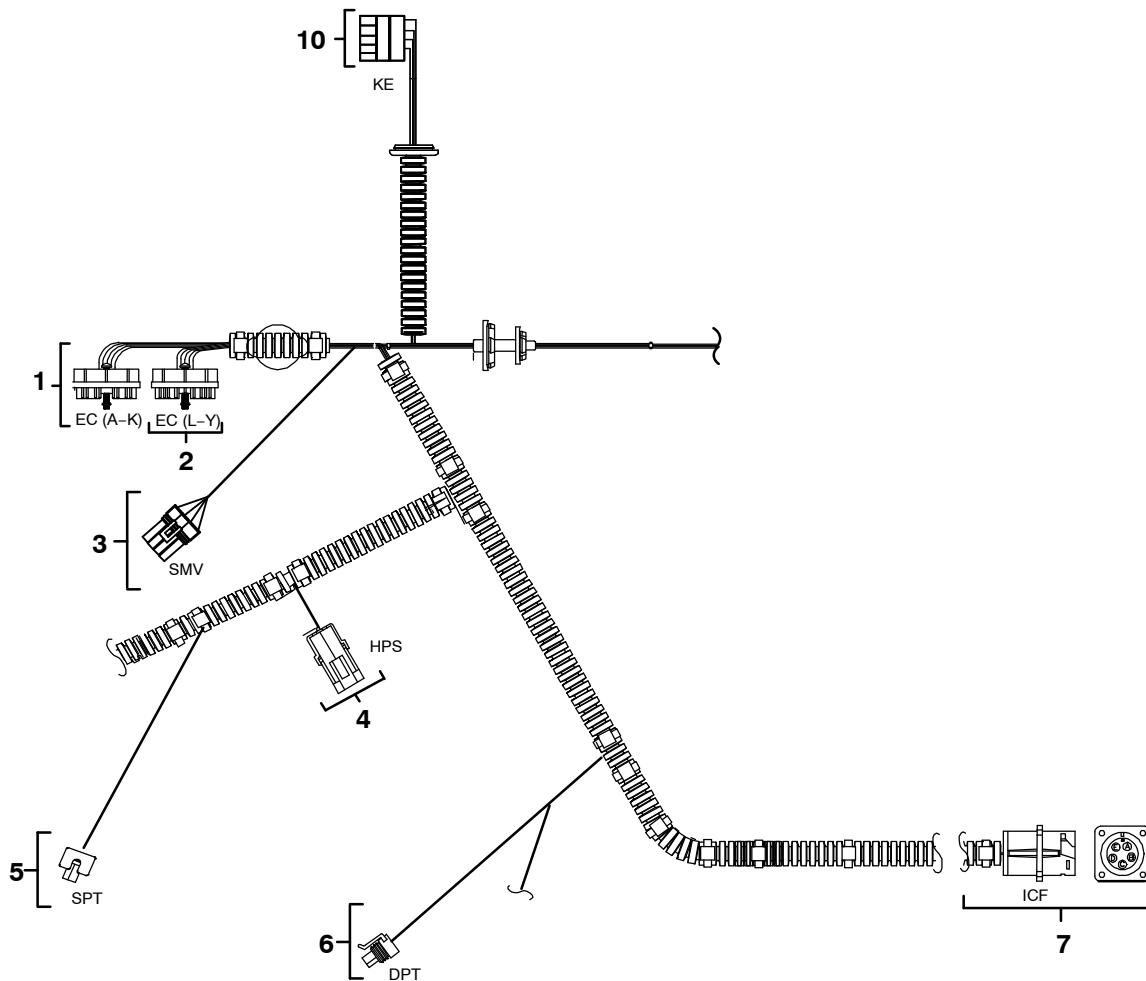
2.42 HEATERS AND SENSORS (Continued)			
Item	Part Number	Description	Qty
HEATERS			
1	12-00500-01SV	Sensor Assembly (RRS and RTS)	1
2	12-00495-02SV	Sensor, Thermistor, Defrost (DTS)	1
3	34-01178-22	Screw, Hex Head, #8-32 X 1/2 Long – SST	3
4	AU11JR-171	Washer, Lock, 1/4 – Spring	10
5	66U1-5361-25	Screw, Cap, Hex Head, 1/4-20 X 3/4 Long – SST	9
6	66U1-5321-3	Washer, Flat, 1/4 – SST	A/R
7	68-13600-00	Retainer (For Heaters)	3
8	69NT35-6532	Clip (For Heaters)	4
9	69NT35-2692-1	Washer, Fender 1/4-0.993-1.015 OD	2
10	66U1-5371-13	Screw, Hex Head, #10-24 X 1.25 Long – SST	2
11	12-00170-08	Thermostat, Heat Termination (HTT)	1
12	24-00006-02	Heater, Evaporator Coil	6
OPTION X – DEHUMIDIFICATION INSTALLED			
–	76-00675-01	Kit, Humidity Sensor (Field installation, units provisioned for) Includes:	–
13	10-00413-00	Sensor, Humidity (HS)	1
14	66U1-5371-10	Screw, Hex Head, #10-24 X 1.00 Long – SST	4
15	66U1-5321-8	Washer, Flat, #10 – SST	2
16	68-13181-00	Bracket Assembly, Humidity Sensor	1
OPTION P – NO DEHUMIDIFICATION INSTALLED OR PROVISION FOR DEHUMIDIFICATION			
17	66U1-8292-1	Cap, Insulating 0.125 OD Black	3
18	58-04026-67	Protector 1.50 X 9.75 with 2 Holes	1

2.43 BACK PANEL ASSEMBLY



2.43 BACK PANEL ASSEMBLY (Continued)			
Item	Part Number	Description	Qty
OPTION 1 – ALUMINUM BOLTED			
1	34-00928-03	Rivet, Blind, 1/8 Diameter, Grip Range – 3/16-1/4	2
2	68-14373-00	Plate, 0.063 Thick Aluminum	1
3	58-04624-00	Drain, Condensate	1
4	76-00746-06	Panel Assembly, Upper – Includes:	1
5	68-15275-00	Panel Assembly, Back	1
6	68-15013-00	Drain Pan, Center (Location – Behind Upper Panel – Top)	1
7	68-15014-00	Drain Pan, Side (Location – Behind Upper Panel)	1
8	34-00928-02	Rivet, Blind 1/8 Diameter, Grip Range – 1/8-3/16	44
9	42-00174-34	Gasket 0.25 T X 1.5 W X 64.25	1
10	42-00334-00	Gasket 1.22 X 68.75 V-Type	1
11	69NT35-2692	Washer, Fender, #10 X 1.00 OD – SST	19
12	66U1-2403	Screw, Machine, Truss Head, #10-24 X 1/2 Long – SST	19
	66U1-7982-2	Rivet, TIR, 3/16 Diameter, Grip Range – 5/64-11/64	A/R
13	66U1-2593-24	Gasket, 20.48 Long V-Type	2
14	68-86013-00	Panel, Back 0.125 Thick Aluminum	1
	68-14046-00	Panel, Back 0.080 Thick Aluminum	1
15	34-00928-04	Rivet, Blind, 1/8 Diameter, Grip Range – 1/4-5/16	6
OPTION 4 – HINGED PANEL			
1	34-00928-03	Rivet, Blind, 1/8 Diameter, Grip Range – 3/16-1/4	2
2	68-14373-00	Plate, 0.063 Thick Aluminum	1
3	58-04624-00	Drain, Condensate	1
4	76-00746-07	Panel Assembly, Upper – Includes:	1
5	68-15275-01	Panel Assembly, Back, 0.080	1
7	68-15014-00	Drain Pan, Side (Location – Behind Upper Panel)	1
6	68-15013-00	Drain Pan, Center (Location – Behind Upper Panel – Top)	1
8	34-00928-02	Rivet, Blind 1/8 Diameter, Grip Range – 1/8-3/16	44
9	42-00174-34	Gasket 0.25 T X 1.5 W X 64.25	1
10	42-00334-00	Gasket 1.22 X 68.75 V-Type	1
13	66U1-2593-24	Gasket, 20.48 Long V-Type	2
14	68-14046-00	Panel, Back 0.080 Thick Aluminum	1
16	69NT35-3282	Hinge	4
17	34-00928-09	Rivet, Blind, 5/32 Diameter, Grip Range 1/8-1/4	16
18	34-01150-06	Stud, Captive 1.03 1/4 Turn Fastener	6
19	34-01150-03	Stud, Captive 0.94 1/4 Turn Fastener	8
20	34-01150-31	Receptacle, 1/4 Turn Fastener	14
21	34-01150-30	Washer, Lock, 1/4 Turn Fastener	14

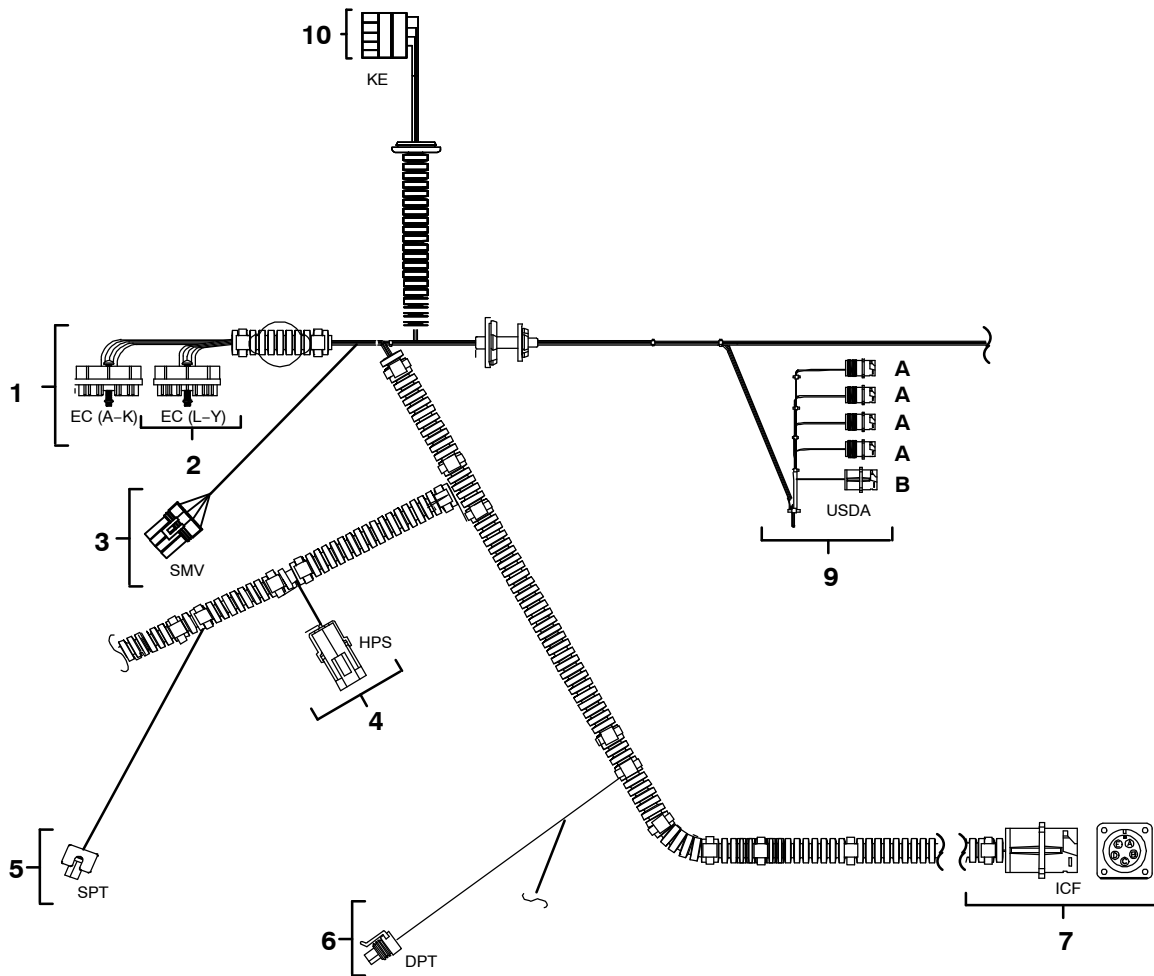
2.44 HARNESS – LOW VOLTAGE



Item	Part Number	Description	Qty
OPTION P – PROVISIONED FOR USDA			
	22-04083-00	Harness, Low Voltage – Includes:	
	22-04083-09	Harness, Low Voltage – Includes:	
	22-04083-11	Harness, Low Voltage – Includes:	
	22-04083-12	Harness, Low Voltage – Includes:	
	22-04083-15	Harness, Low Voltage – Includes:	
1		EC (A-K) – Includes:	
	22-01777-06	Seal	1
	22-01777-07	O-Ring	1
	66U-6651-24	Bolt, Stainless Steel, 10-24	1
	22-01777-00SV	Block	1
	22-01777-03	Terminal	21
	22-50100-00	Pin	4
2		EC (L-Y) – Includes:	
	22-01777-06	Seal	1
	77-01777-07	O-Ring	1
	66U1-6651-24	Bolt, Stainless Steel, 10-24	1
	22-01777-01	Block	1
	22-01777-03	Terminal	23
	22-01777-04	Seal, Plug Connector	12

2.44 HARNESS – LOW VOLTAGE (Continued)			
Item	Part Number	Description	Qty
OPTION P – PROVISIONED FOR USDA (Continued)			
3		SMV – Includes:	
	22-01585-04	Block	1
	22-01566-01	Terminal	4
	22-02394-02	Terminal	4
4		HPS – Includes:	
	22-02392-00	Block	1
	22-02393-01	Terminal	2
	22-02394-00	Cable	2
5		SPT – Includes:	
	22-01944-00	Block	1
	22-01944-10	Gasket	1
	22-01944-05	Cap	1
	22-01777-03	Terminal	3
6		DPT – Includes:	
	22-02448-00SV	Block	1
	22-01777-03	Terminal	3
7		ICF – Includes:	
	22-01660-03	Block	1
	22-01613-14	Terminal	5
10		KE – Includes:	
	22-04031-01	Connector	1
	22-04032-00	Terminal	5

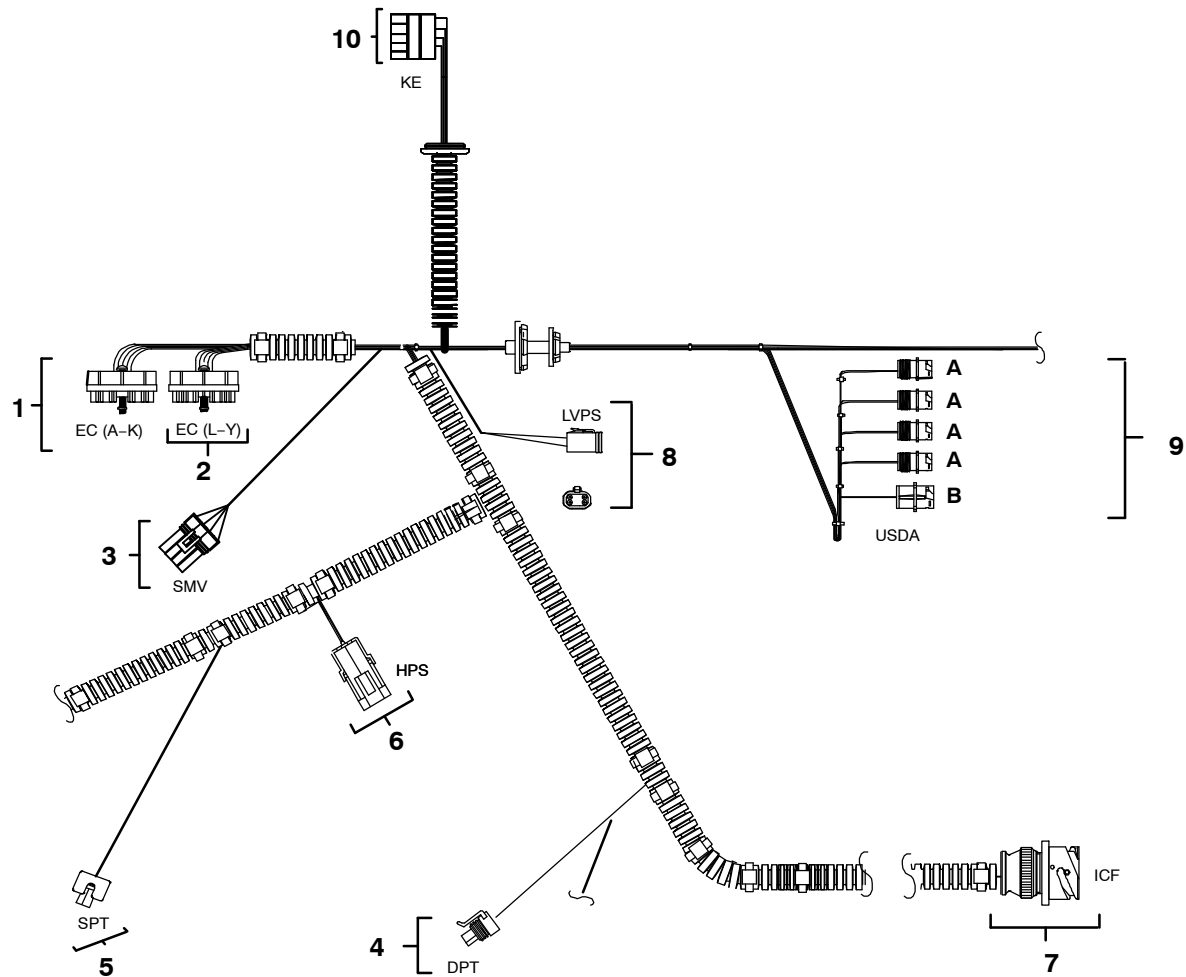
2.44 HARNESS – LOW VOLTAGE (Continued)



Item	Part Number	Description	Qty
OPTION 2 – USDA INSTALLED			
	22-04083-01	Harness, Low Voltage – Includes:	
	22-04083-07	Harness, Low Voltage – Includes:	
1		EC (A-K) – Includes:	
	22-01777-06	Seal	1
	22-01777-07	O-Ring	1
	66U-6651-24	Bolt, Stainless Steel, 10-24	1
	22-01777-00SV	Block	1
	22-01777-03	Terminal	21
	22-50100-00	Pin	4
2		EC (L-Y) – Includes:	
	22-01777-06	Seal	1
	77-01777-07	O-Ring	1
	66U1-6651-24	Bolt, Stainless Steel, 10-24	1
	22-01777-01	Block	1
	22-01777-03	Terminal	23
	22-01777-04	Seal, Plug Connector	12

2.44 HARNESS – LOW VOLTAGE (Continued)			
Item	Part Number	Description	Qty
OPTION 2 – USDA INSTALLED (Continued)			
3		SMV – Includes:	
	22-01585-04	Block	1
	22-01566-01	Terminal	4
	22-02394-02	Terminal	4
4		HPS – Includes:	
	22-02392-00	Block	1
	22-02393-01	Terminal	2
	22-02394-00	Cable	2
5		SPT – Includes:	
	22-01944-00	Block	1
	22-01944-10	Gasket	1
	22-01944-05	Cap	1
	22-01777-03	Terminal	3
6		DPT – Includes:	
	22-02448-00SV	Block	1
	22-01777-03	Terminal	3
7		ICF – Includes:	
	22-01660-03	Block	1
	22-01613-14	Terminal	5
9		USDA – Includes:	
		9A – Includes:	
	22-01660-00	Block	4
	22-01613-14	Terminal	8
	22-01614-06	Plug	4
		9B – Includes:	
	22-01660-03	Block	1
	22-01613-14	Terminal	5
10		KE – Includes:	
	22-04031-01	Connector	1
	22-04032-00	Terminal	5

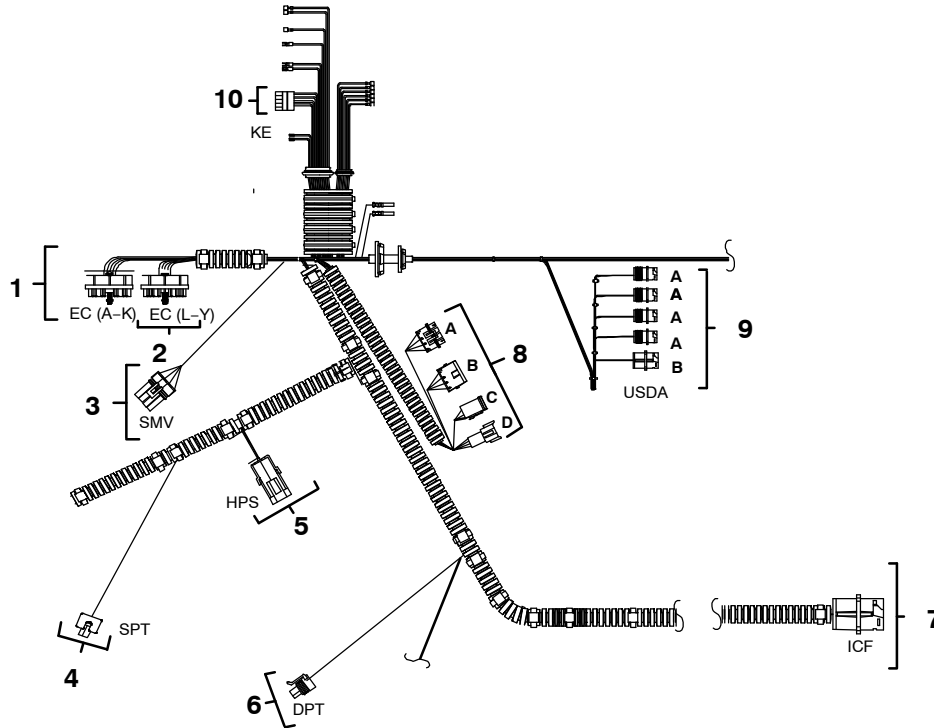
2.44 HARNESS – LOW VOLTAGE (Continued)



Item	Part Number	Description	Qty
OPTION 3 – USDA AND LOWER FRESH AIR WITH VENT POSITIONING SYSTEM INSTALLED			
	22-04083-02	Harness, Low Voltage – Includes:	
	22-04083-05	Harness, Low Voltage – Includes:	
	22-04083-06	Harness, Low Voltage – Includes:	
	22-04083-13	Harness, Low Voltage – Includes:	
1		EC (A-K) – Includes:	
	22-01777-06	Seal	1
	22-01777-07	O-Ring	1
	66U-6651-24	Bolt, Stainless Steel, 10-24	1
	22-01777-00SV	Block	1
	22-01777-03	Terminal	21
	22-50100-00	Pin	4
2		EC (L-Y) – Includes:	
	22-01777-06	Seal	1
	77-01777-07	O-Ring	1
	66U1-6651-24	Bolt, Stainless Steel, 10-24	1
	22-01777-01	Block	1
	22-01777-03	Terminal	23
	22-01777-04	Seal, Plug Connector	12

2.44 HARNESS – LOW VOLTAGE (Continued)			
Item	Part Number	Description	Qty
OPTION 3 – USDA AND LOWER FRESH AIR WITH VENT POSITIONING SYSTEM INSTALLED (Continued)			
3		SMV – Includes:	
	22-01585-04	Block	1
	22-01566-01	Terminal	4
	22-02394-02	Terminal	4
4		HPS – Includes:	
	22-02392-00	Block	1
	22-02393-01	Terminal	2
	22-02394-00	Cable	2
5		SPT – Includes:	
	22-01944-00	Block	1
	22-01944-10	Gasket	1
	22-01944-05	Cap	1
	22-01777-03	Terminal	3
6		DPT – Includes:	
	22-02448-00SV	Block	1
	22-01777-03	Terminal	3
7		ICF – Includes:	
	22-01660-03	Block	1
	22-01613-14	Terminal	5
8		LVPS – Includes:	
	22-01613-10	Block	1
	22-01613-13	Terminal	3
	22-01613-11	Lock, Secondary	1
	22-01614-06	Plug, Sealing	1
9		USDA – Includes:	
		9A – Includes:	
	22-01660-00	Block	4
	22-01613-14	Terminal	8
	22-01614-06	Plug	4
		9B – Includes:	
	22-01660-03	Block	1
	22-01613-14	Terminal	5
10		KE – Includes:	
	22-04031-01	Connector	1
	22-04032-00	Terminal	5

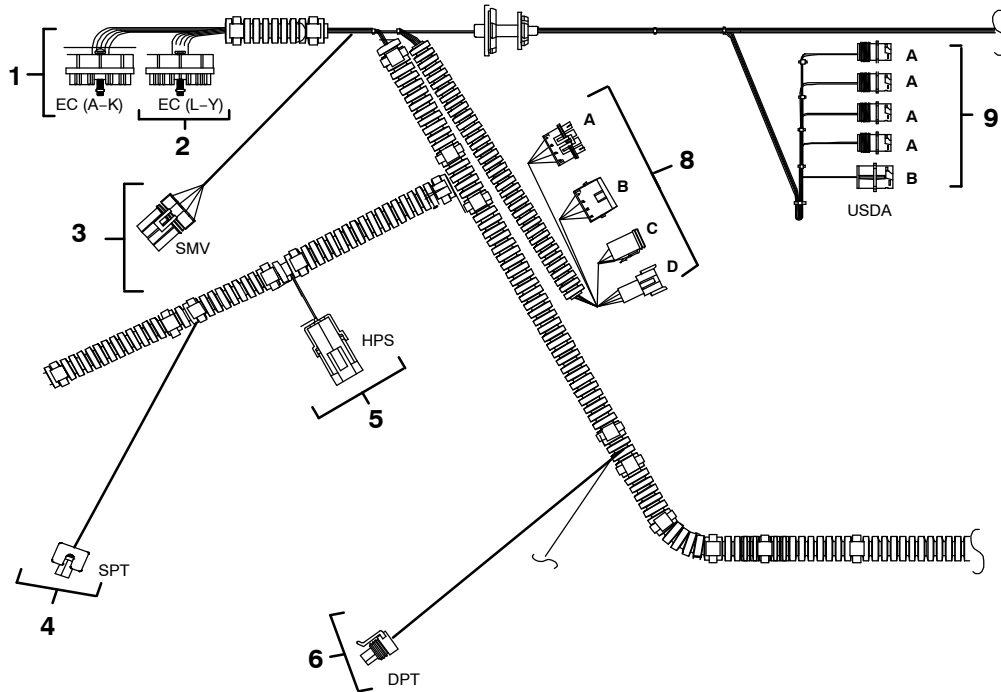
2.44 HARNESS – LOW VOLTAGE (Continued)



Item	Part Number	Description	Qty
OPTION 4 – USDA AND EMERGENCY BYPASS SYSTEM INSTALLED			
	22-04083-03	Harness, Low Voltage – Includes:	
	22-04083-04	Harness, Low Voltage – Includes:	
1		EC (A-K) – Includes:	
	22-01777-06	Seal	1
	22-01777-07	O-Ring	1
	66U-6651-24	Bolt, Stainless Steel, 10-24	1
	22-01777-00SV	Block	1
	22-01777-03	Terminal	21
	22-50100-00	Pin	4
2		EC (L-Y) – Includes:	
	22-01777-06	Seal	1
	77-01777-07	O-Ring	1
	66U1-6651-24	Bolt, Stainless Steel, 10-24	1
	22-01777-01	Block	1
	22-01777-03	Terminal	23
	22-01777-04	Seal, Plug Connector	12

2.44 HARNESS – LOW VOLTAGE (Continued)			
Item	Part Number	Description	Qty
OPTION 4 – USDA AND EMERGENCY BYPASS SYSTEM INSTALLED (Continued)			
3		SMV – Includes:	
	22-01585-04	Block	1
	22-01566-01	Terminal	4
	22-02394-02	Terminal	4
4		SPT – Includes:	
	22-01944-00	Block	1
	22-01944-10	Gasket	1
	22-01944-05	Cap	1
	22-01777-03	Terminal	3
5		DPT – Includes:	
	22-02448-00SV	Block	1
	22-01777-03	Terminal	3
6		HPS – Includes:	
	22-02392-00	Block	1
	22-02393-01	Terminal	2
	22-02394-00	Cable	2
7		ICF – Includes:	
	22-01660-03	Block	1
	22-01613-14	Terminal	5
8		8A – Includes:	
	22-01585-04	Block	1
	22-01566-01	Terminal	4
	22-02394-02	Seal	4
		8B – Includes:	
	22-02392-03	Block	1
	22-02393-01	Terminal	1
	22-02394-02	Seal	4
		8C – Includes:	
	22-01613-10	Block	1
	22-01613-15	Terminal	3
	22-01613-11	Secondary Lock	1
	22-01614-06	Sealing Plug	1
		8D – Includes:	
	22-01313-22	Block	1
	22-01613-14	Terminal	8
	22-01613-26	Secondary Lock	1
9		USDA – Includes:	
		9A – Includes:	
	22-01660-00	Block	4
	22-01613-14	Terminal	8
	22-01614-06	Plug	4
		9B – Includes:	
	22-01660-03	Block	1
	22-01613-14	Terminal	5
10		KE – Includes:	
	22-04031-01	Connector	1
	22-04032-00	Terminal	5

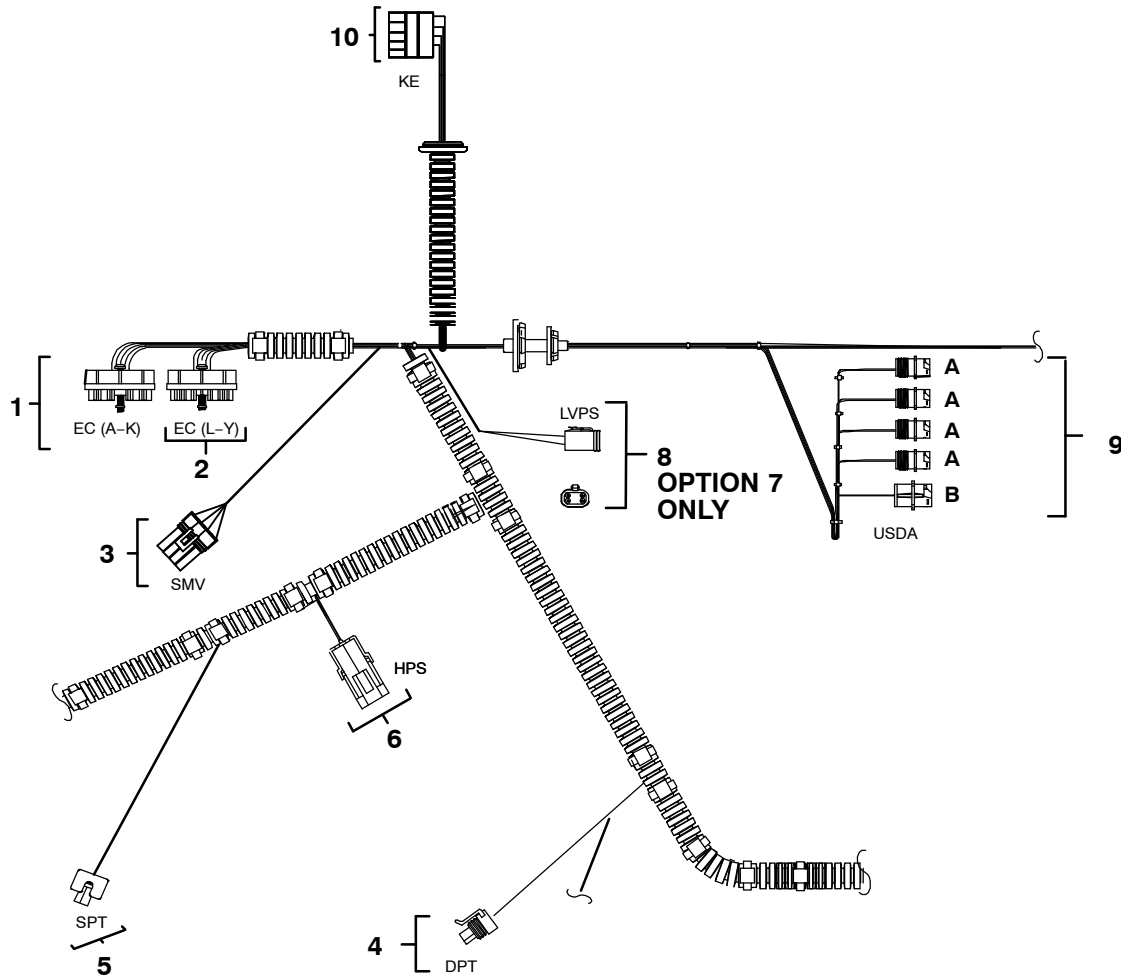
2.44 HARNESS – LOW VOLTAGE (Continued)



Item	Part Number	Description	Qty
OPTION 5 – USDA AND SINGLE EVAPORATOR FAN CAPABILITY INSTALLED			
	22-04083-10	Harness, Low Voltage – Includes:	
1		EC (A-K) – Includes:	
	22-01777-06	Seal	1
	22-01777-07	O-Ring	1
	66U-6651-24	Bolt, Stainless Steel, 10-24	1
	22-01777-00SV	Block	1
	22-01777-03	Terminal	21
	22-50100-00	Pin	4
2		EC (L-Y) – Includes:	
	22-01777-06	Seal	1
	77-01777-07	O-Ring	1
	66U1-6651-24	Bolt, Stainless Steel, 10-24	1
	22-01777-01	Block	1
	22-01777-03	Terminal	23
	22-01777-04	Seal, Plug Connector	12
3		SMV – Includes:	
	22-01585-04	Block	1
	22-01566-01	Terminal	4
	22-02394-02	Terminal	4

2.44 HARNESS – LOW VOLTAGE (Continued)			
Item	Part Number	Description	Qty
OPTION 5 – USDA AND SINGLE EVAPORATOR FAN CAPABILITY INSTALLED (Continued)			
4		SPT – Includes:	
	22-01944-00	Block	1
	22-01944-10	Gasket	1
	22-01944-05	Cap	1
	22-01777-03	Terminal	3
5		DPT – Includes:	
	22-02448-00SV	Block	1
	22-01777-03	Terminal	3
6		HPS – Includes:	
	22-02392-00	Block	1
	22-02393-01	Terminal	2
	22-02394-00	Cable	2
8		8A – Includes:	
	22-01585-04	Block	1
	22-01566-01	Terminal	4
	22-02394-02	Seal	4
		8B – Includes:	
	22-02392-03	Block	1
	22-02393-01	Terminal	1
	22-02394-02	Seal	4
		8C – Includes:	
	22-01613-10	Block	1
	22-01613-15	Terminal	3
	22-01613-11	Secondary Lock	1
	22-01614-06	Sealing Plug	1
		8D – Includes:	
	22-01313-22	Block	1
	22-01613-14	Terminal	8
	22-01613-26	Secondary Lock	1
9		USDA – Includes:	
		9A – Includes:	
	22-01660-00	Block	4
	22-01613-14	Terminal	8
	22-01614-06	Plug	4
		9B – Includes:	
	22-01660-03	Block	1
	22-01613-14	Terminal	5

2.44 HARNESS – LOW VOLTAGE (Continued)

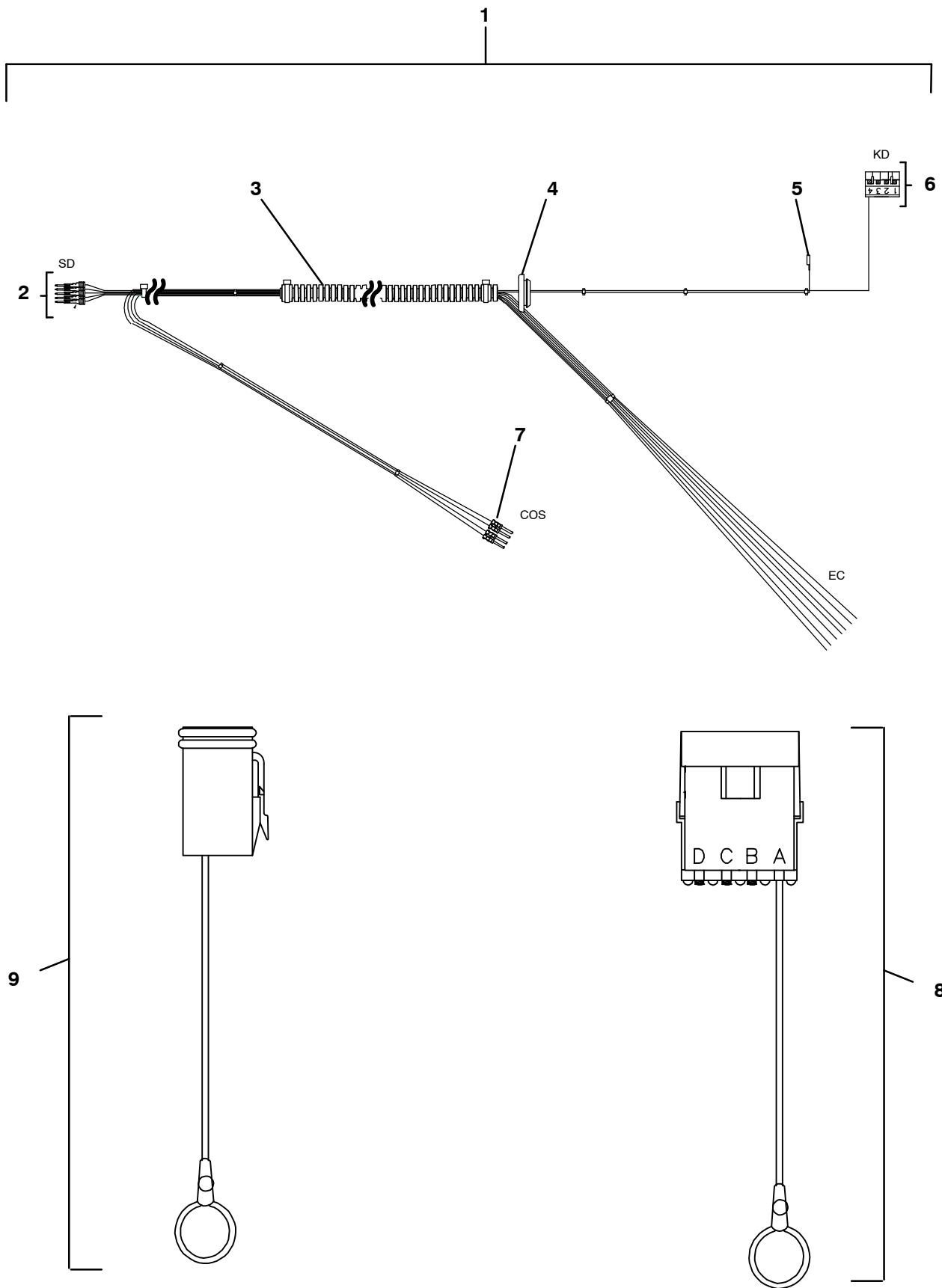


OPTIONS 6 AND 7 – USDA AND EXPANSION BYPASS VALVE INSTALLED

Item	Part Number	Description	Qty
OPTION 6 – USDA AND EXPANSION BYPASS VALVE INSTALLED			
	22-04083-08	Harness, Low Voltage – Includes:	
1		EC (A-K) – Includes:	
	22-01777-06	Seal	1
	22-01777-07	O-Ring	1
	66U-6651-24	Bolt, Stainless Steel, 10-24	1
	22-01777-00SV	Block	1
	22-01777-03	Terminal	21
	22-50100-00	Pin	4
2		EC (L-Y) – Includes:	
	22-01777-06	Seal	1
	77-01777-07	O-Ring	1
	66U1-6651-24	Bolt, Stainless Steel, 10-24	1
	22-01777-01	Block	1
	22-01777-03	Terminal	23
	22-01777-04	Seal, Plug Connector	12

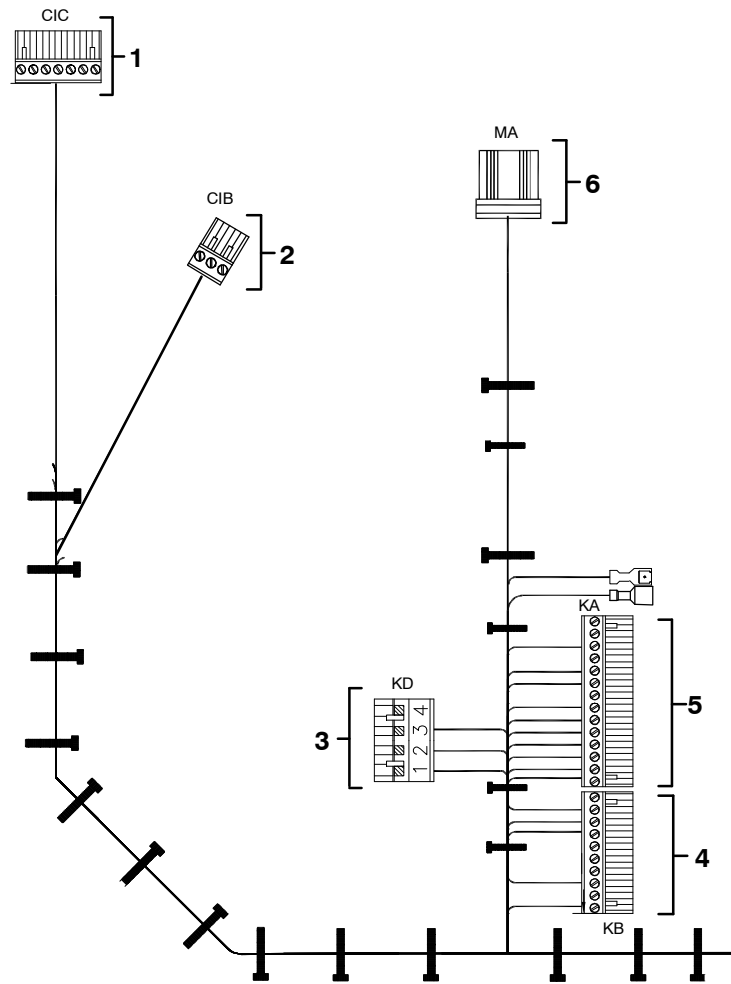
2.44 HARNESS – LOW VOLTAGE (Continued)			
Item	Part Number	Description	Qty
OPTION 6 – USDA AND EXPANSION BYPASS VALVE INSTALLED (Continued)			
3		SMV – Includes:	
	22-01585-04	Block	1
	22-01566-01	Terminal	4
	22-02394-02	Terminal	4
4		HPS – Includes:	
	22-02392-00	Block	1
	22-02393-01	Terminal	2
	22-02394-00	Cable	2
5		SPT – Includes:	
	22-01944-00	Block	1
	22-01944-10	Gasket	1
	22-01944-05	Cap	1
	22-01777-03	Terminal	3
6		DPT – Includes:	
	22-02448-00SV	Block	1
	22-01777-03	Terminal	3
9		USDA – Includes:	
		9A – Includes:	
	22-01660-00	Block	4
	22-01613-14	Terminal	8
	22-01614-06	Plug	4
		9B – Includes:	
	22-01660-03	Block	1
	22-01613-14	Terminal	5
10		KE – Includes:	
	22-04031-01	Connector	1
	22-04032-00	Terminal	5
OPTION 7 – USDA, EXPANSION BYPASS VALVE AND LOWER VPS INSTALLED – INCLUDES ALL OF OPTION 6 AND ITEMS BELOW:			
	22-04083-14	Harness, Low Voltage – Includes ALL OF OPTION 6 AND:	
8		LVPS – Includes:	
	22-01613-10	Block	1
	22-01613-13	Terminal	3
	22-01613-11	Lock, Secondary	1
	22-01614-06	Plug, Sealing	1

2.44 HARNESS - LOW VOLTAGE (Continued)



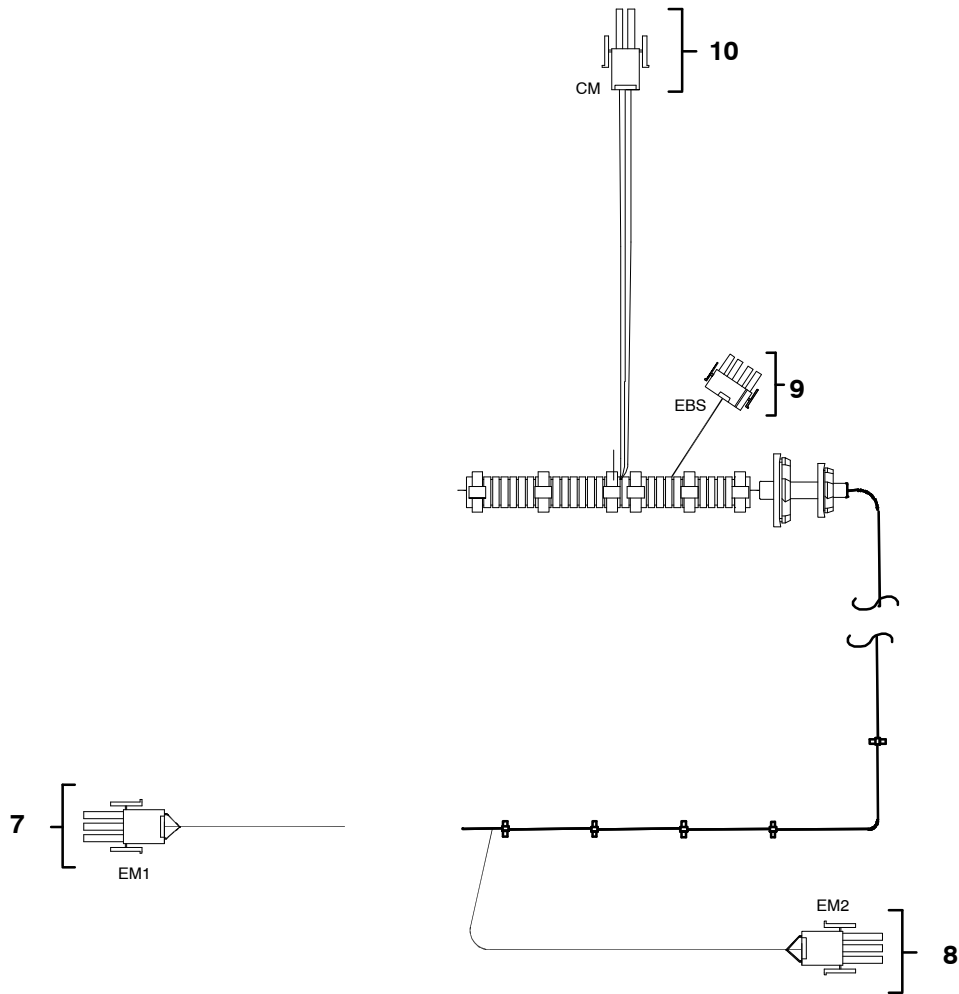
2.44 HARNESS – LOW VOLTAGE (Continued)			
Item	Part Number	Description	Qty
OPTION 8 – EAUTOFRESH			
1	22-01713-26	Harness, eAutoFresh – Includes	1
2		SD – Includes:	
	22-01566-01	Terminal	5
	22-02394-02	Seal	5
3	58-00848-37	Wire Cover	1
4	58-04706-00	Grommet	1
5	66U1-8292-01	Cap, Insulating	1
6		KD – Includes:	
	22-04031-00	Block	1
	22-04032-00	Terminal	4
7		KOS – Includes:	
	22-01613-12	Terminal	4
8	22-01713-21	Wire Harness – Includes:	
	22-02392-03	Block	1
	22-02393-01	Terminal	1
	22-02394-02	Seal	1
	22-01565-01	Plug	3
9	22-01713-20	Wire Harness – Includes:	
	22-01613-10	Block	1
	22-01613-13	Terminal	1
	22-01613-11	Lock	1
	22-01614-06	Plug	3

2.45 HARNESS – HIGH VOLTAGE

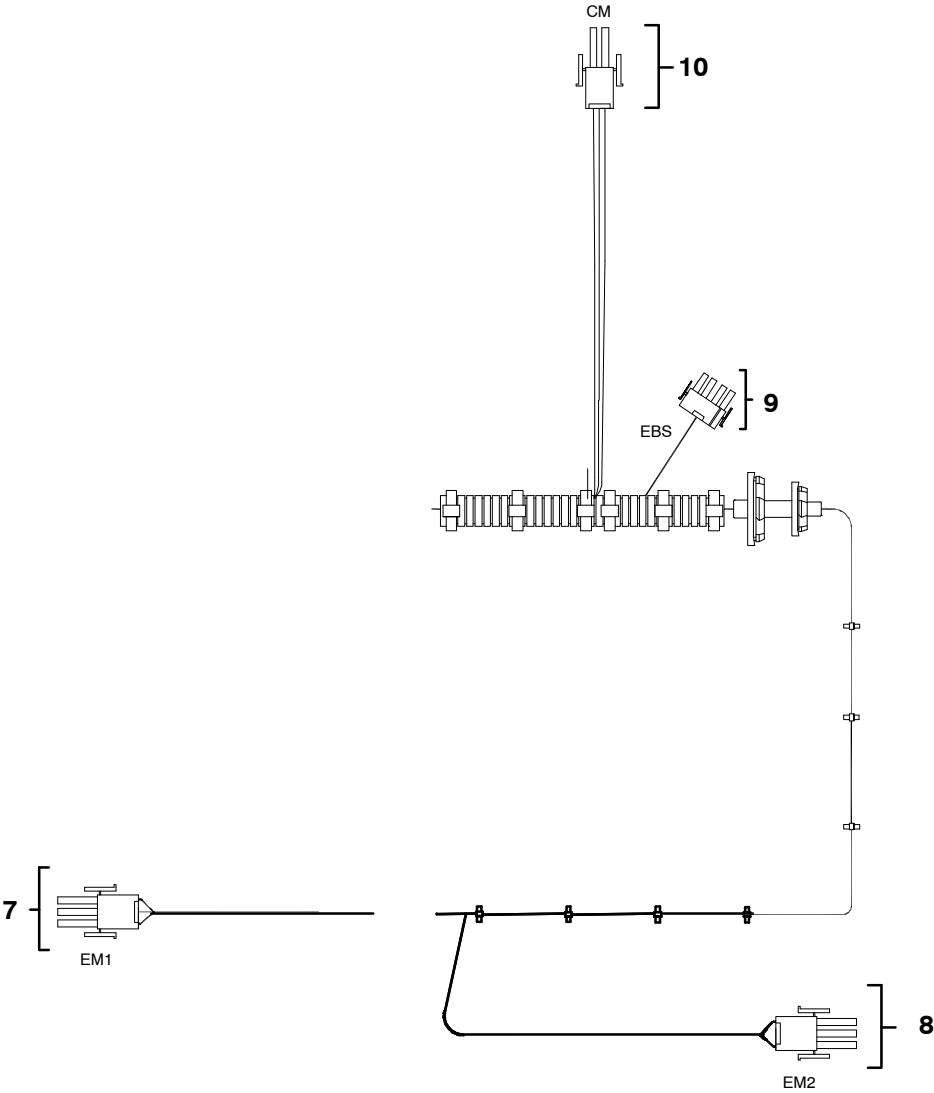


2.45 HARNESS – HIGH VOLTAGE (Continued)			
Item	Part Number	Description	Qty
STANDARD PARTS INCLUDED IN OPTIONS			
1		CIC – Includes:	
	22-01556-06	Block, CIC	1
	22-02324-09	Terminal	3
2		CIB – Includes:	
	22-01556-04	Block, CIB	1
	22-01735-00	Terminal	3
3		KD – Includes:	
	22-04031-00	Block, KD	1
	22-04032-00	Terminal	4
4		KB – Includes:	
	22-01556-01	Block, KB	1
	22-01735-00	Terminal	5
5		KA – Includes:	
	22-01556-02	Block, KA	1
	22-01735-00	Terminal	10
6		MA – Includes:	
	22-01622-01	Block, MA	1
	22-01622-03	Terminal	5

2.45 HARNESS – HIGH VOLTAGE (Continued)



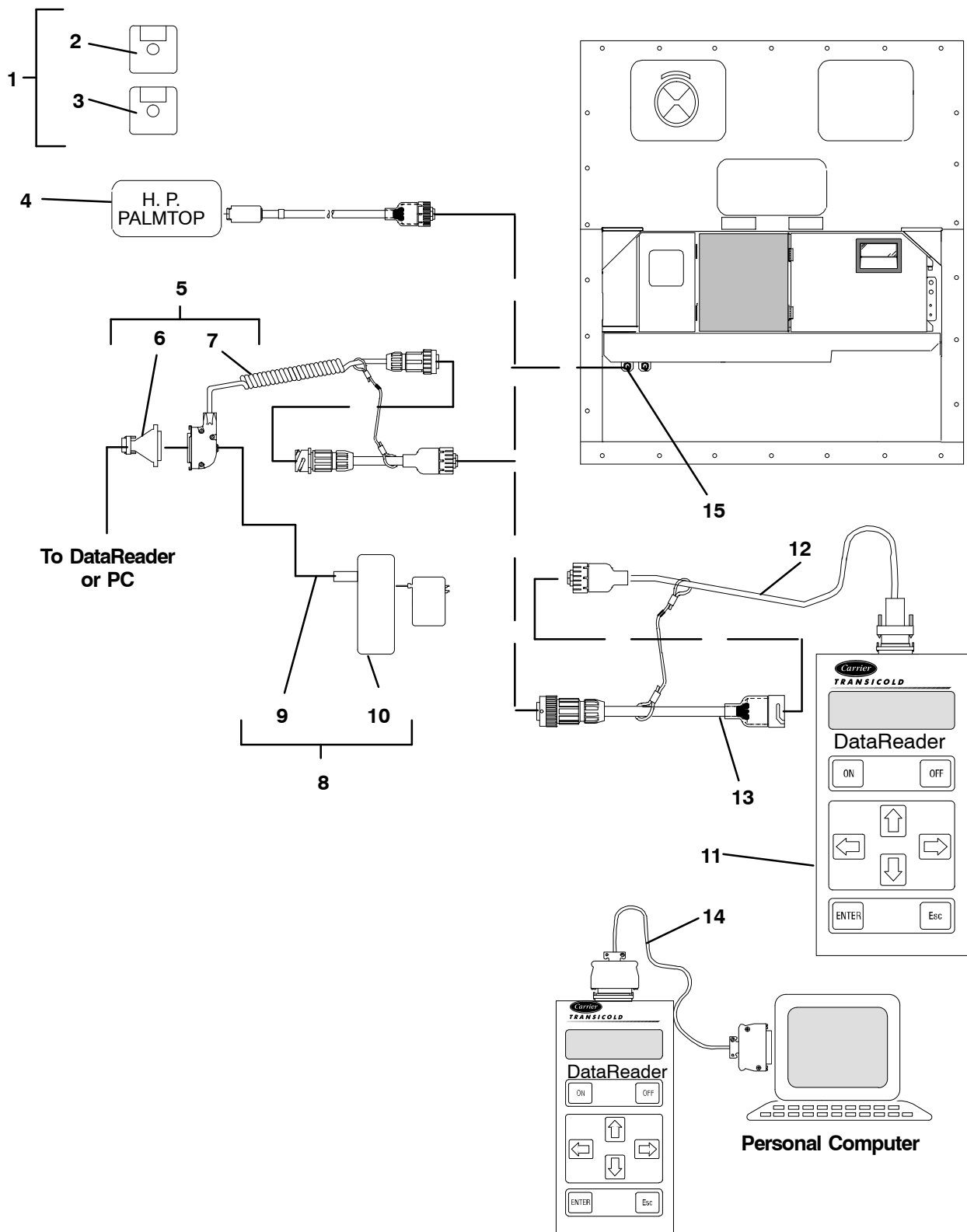
2.45 HARNESS – HIGH VOLTAGE (Continued)			
Item	Part Number	Description	Qty
OPTION 1 – SINGLE-PHASE EVAPORATOR MOTORS			
	91-00373-00	High Voltage Harness – Single-Phase Evaporator Motor – Includes:	
	91-00373-01	High Voltage Harness – Single-Phase Evaporator Motor – Includes:	
	91-00373-03	High Voltage Harness – Single-Phase Evaporator Motor – Includes:	
	91-00373-04	High Voltage Harness – Single-Phase Evaporator Motor – Includes:	
	91-00373-05	High Voltage Harness – Single-Phase Evaporator Motor – Includes:	
	91-00373-06	High Voltage Harness – Single-Phase Evaporator Motor – Includes:	
See Previous Section for Standard Parts and use with Items Below:			
7		EM1 – Includes:	
	22-01997-12	Plug, EM1	1
	22-01997-06	Terminal	5
	22-01997-08	Sealing Plug	2
	22-01997-13	Wire Seal	1
	22-01997-14	Interface Seal	1
8		EM2 – Includes:	
	22-01997-12	Plug, EM2	1
	22-01997-06	Terminal	5
	22-01997-08	Sealing Plug	2
	22-01997-13	Wire Seal	1
	22-01997-14	Interface Seal	1
9		EBS – Includes:	
	22-01997-16	Plug, EBS	1
	22-01997-06	Terminal	4
	22-01997-17	Wire Seal	1
	22-01997-18	Interface Seal	1
10		CM – Includes:	
	22-01997-01	Plug CM	1
	22-01997-06	Terminal	3
	22-01997-08	Sealing Plug	1
	22-01997-02	Wire Seal	1
	22-01997-03	Interface Seal	1



2.45 HARNESS – HIGH VOLTAGE (Continued)			
Item	Part Number	Description	Qty
OPTION 2 – THREE-PHASE EVAPORATOR MOTORS			
	91-00382-00	High Voltage Harness – Three-Phase Evaporator Motor – Includes:	
See Previous Section for Standard Parts and use with Items Below:			
7		EM2 – Includes:	
	22-01997-20	Plug, EM2	1
	22-01997-06	Terminal	7
	22-01997-08	Sealing Plug	3
	22-01997-21	Wire Seal	1
	22-01997-22	Interface Seal	1
8			
	22-01997-20	Plug, EM2	1
	22-01997-06	Terminal	7
	22-01997-08	Sealing Plug	3
	22-01997-21	Wire Seal	1
	22-01997-22	Interface Seal	1
9		EBS – Includes:	
	22-01997-16	Plug, EBS	1
	22-01997-06	Terminal	4
	22-01997-17	Wire Seal	1
	22-01997-18	Interface Seal	1
10		CM – Includes:	
	22-01997-01	Plug CM	1
	22-01997-06	Terminal	3
	22-01997-08	Sealing Plug	1
	22-01997-02	Wire Seal	1
	22-01997-03	Interface Seal	1

3 INTERROGATOR ACCESSORIES

3.1 DATALINE/DATAREADER



3.1 DATALINE/DATAREADER (Continued)			
Item	Part Number	Description	Qty
1	07-00406-00	Disk Kit, DataLine (SEE NOTE) – Includes:	1
2	12-00413-05SV	Software, DataLine NSS	1
3	12-00528-00	Software, DataLine (Scroll) NSS	1
4	22-01737-02	Cable, H. P. PalmTop	1
5	76-50059-00	Kit, Cable, with Adapter – Includes:	1
6	22-02418-02	Cable, Interrogator	1
7	22-02420-00	Adapter	1
8	76-50058-00	Kit, Battery, with Cable – Includes:	1
9	NSS	Battery, External, with Battery Charger	1
10	22-02401-00	Cable	1
11	No Longer Offered	DataReader	–
12	22-01737-00	Cable, Download	1
13	22-01737-01	Cable, Adapter	1
14	22-01743-00	Cable, Upload	1
15	–	Receptacle – Refer to Section 2.32	–
NOTE Kit includes a 3.5 DS/HD Diskette, Formatted. If a DS/DD Diskette is required, contact a Customer Service Representative.			

4 TOOLS	
PART NO.	DESCRIPTION
07-00013-00	Temperature Tester (Simpson Meter)
07-00013-01	Temperature Test Lead (15 Foot)
07-00013-02	Temperature Test Lead (50 Foot)
07-00013-03	Adapters, Male (Both Ends) (Use with Temperature Tester)
07-00015-00	Case, Carrying (Used with 07-00013-00)
07-00176-11	Vacuum Pump, Dual Voltage/Dual Frequency
07-00375-00	Stepper Motor Drive Tester
07-00408-00	Stepper Jumper Assembly
07-00450-00	Wrench, Compressor Sight Glass
07-00437-00	Inspection Light with Mirror
07-00228-00	Volt-Ohmmeter, Digital
07-00229-00	Amprobe Clamp (Used with 07-00228-00)
07-00238-00	Wrench, Service Valve
07-00243-10	Multimeter, Digital (Fluke)
07-00263-00	Pliers, Crimping (Used for Compressor Terminal Block replacement)
07-00264-00	Grip, Wire Vise (Used for Compressor Terminal Block replacement)
07-00277-00	Kit, Static Dissipative (Used for working on electronic components)
07-00304-00	Ground Strap, Wrist (Used for working on electronic components)
07-00294-00	Gauge Set, Manifold – Fahrenheit/PSI
07-00294-05	Gauge Set, Manifold – Centigrade/KPa
07-00295-00	Detector, Leak
07-00397-03	Extractor, Pin (Used on Fan Motor Plugs and Interrogator Plugs)
07-00397-02	Crimper, Pin (Used on Fan Motor Plugs and Interrogator Plugs)
07-00329-00	Extractor, Pin (Used on Controller Module Connectors)
07-00330-00	Crimper, Pin (Used on Controller Module Connectors)
07-00370-00	Crimper, Pin (Used on Stepper Valve, HPS)
07-00387-00	Extractor, Pin (Used on Stepper Valve, HPS)
07-00375-00	Tester, Portable, Stepper Motor Drive
07-00391-00	Application Gun (Used with 07-00390-00)
07-00398-00	Software Card Programmer
07-00409-00	1-1/8", 3/8" Drive, Used on Economizer Valve
07-00410-00	1-3/8", 3/8" Drive, Used on Suction/Discharge Valve
07-00411-00	2-1/8", 3/8" Drive, Used on SMV
07-00418-00	Torx Driver Bit
Refer to Manual 62-03213	

PART NUMBER INDEX

PART NO.	PAGE NO.	PART NO.	PAGE NO.	PART NO.	PAGE NO.
04-50027-00	57, 83	07-00437-00	110	12-00594	33
04-50029-00	83	07-00450-00	110	12-01071-02	52
04-50029-01	83	09-00375-00	33	12-50089-00	17
07-00013-00	110	10-00083-06	62	12-55009	33
07-00013-01	110	10-00083-07	62	14-00176-04	45
07-00013-02	110	10-00083-08	62	14-00220-00	52
07-00013-03	110	10-00332-06	25	14-00220-04	51, 52
07-00015-00	110	10-00388-00	11	14-00221-03	51
07-00176-11	110	10-00398-00	11	14-00222-02	51
07-00228-00	110	10-00413-00	85	14-00232-31	49
07-00229-00	110	10-00431-06	25	14-00273-09	81
07-00238-00	110	10-00431-07	25	14-00284-20	50, 52
07-00243-10	110	10-00431-08	25	14-00285-00	51, 52, 53
07-00263-00	110	10-00439-01	25	14-00341-04	1
07-00264-00	110	10-00446-00	39	14-00341-07	50, 52
07-00277-00	110	10-00455-00	77	14-00341-07Pk25	50, 52
07-00294-00	110	10-01129-15	39	14-00353-00	45
07-00294-05	110	10-01129-20	27, 28, 39	14-00353-20	45
07-00295-00	110	12-00170-08	85	14-00353-21	45
07-00304-00	110	12-00275-19SV	31	14-01032-14	51
07-00313-00	1	12-00290-04	29	14-01090-11	51, 53
07-00329-00	110	12-00309-05	41	14-01090-12	51, 53
07-00330-00	110	12-00342-04	17	14-01090-15	82
07-00345-00	1	12-00352-00	41	14-01091-02	51, 53
07-00370-00	110	12-00352-07	41	14-01091-04	51, 53, 82
07-00375-00	110	12-00395-02	37	18-00077-40	43
07-00387-00	110	12-00413-05SV	109	18-10134-23	43
07-00391-00	110	12-00433-00RP	39	22-00041-00	1
07-00397-02	110	12-00433-02RP	39	22-00041-02	1
07-00397-03	110	12-00464-07	71, 73	22-00049-01	27, 28
07-00398-00	110	12-00464-08	72	22-00066-01	1
07-00406-00	109	12-00493-09	37	22-00066-02	1
07-00408-00	110	12-00493-10	37	22-00066-03	1
07-00409-00	110	12-00495-02	37	22-00119-04	1
07-00410-00	110	12-00495-20SV	85	22-00120-04	1
07-00411-00	110	12-00500-01SV	85	22-00120-07	1
07-00418-00	110	12-00528-00	109	22-00121-07	1
07-00427-00	43	12-00573-01SV	31		

PART NUMBER INDEX

PART NO.	PAGE NO.	PART NO.	PAGE NO.	PART NO.	PAGE NO.
22-00518-01	27, 28	22-01613-14	65, 89, 91, 93, 95, 97, 99	22-01777-00SV	88, 90, 92, 94, 96, 98
22-00519-01	28			22-01777-03	11, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99
22-00519-03	27, 28	22-01613-15	17, 95, 97		
22-00595-01	1	22-01613-26	95, 97		
22-01106-00	1	22-01614-06	91, 93, 95, 97, 99, 101	22-01777-04	88, 90, 92, 94, 96, 98
22-01107-00	1				
22-01139-04	1	22-01621-00	33	22-01777-06	88, 90, 92, 94, 96, 98
22-01140-01	1	22-01621-02	33, 95, 97	22-01777-07	88, 90, 92, 94, 96, 98
22-01140-02	1	22-01622-00	25		
22-01140-04	1	22-01622-01	103	22-01778-00	61
22-01141-01	1	22-01622-02	33	22-01835-00	11
22-01313-22	95, 97	22-01622-03	25, 33, 103	22-01883-00	59
22-01455-03	39	22-01660-00	91, 93, 95, 97, 99	22-01884-00	59
22-01551-00	58, 59	22-01660-02	17	22-01891-00	59
22-01556-00	31	22-01660-03	65, 89, 91, 93, 95, 97, 99	22-01906-00	59
22-01556-01	103			22-01931-00	59
22-01556-02	103	22-01660-05	17, 65	22-01932-00	59
22-01556-04	103	22-01660-08	9, 17	22-01944-00	89, 91, 93, 95, 97, 99
22-01556-06	103	22-01679-00	61	22-01944-05	89, 91, 93, 95, 97, 99
22-01565-01	101	22-01679-03	63	22-01944-10	89, 91, 93, 95, 97, 99
22-01566-01	89, 91, 93, 95, 96, 97, 99, 101	22-01713-03	39		
22-01585-04	89, 91, 93, 95, 96, 97, 99	22-01713-06	33	22-01964-02	92
		22-01713-16	69, 71	22-01997-01	105, 107
22-01602-02	14	22-01713-18	69	22-01997-02	105, 107
22-01602-03	14	22-01713-20	11, 101	22-01997-03	105, 107
22-01604-00	28	22-01713-21	11, 101	22-01997-04	83
22-01613-08	11	22-01713-26	11, 101	22-01997-05	57
22-01613-09	11	22-01731-00	58	22-01997-06	105, 107
22-01613-10	9, 11, 93, 95, 97, 99, 101	22-01731-01	58	22-01997-08	83, 105, 107
		22-01733-01	14	22-01997-09	83
22-01613-11	9, 11, 93, 95, 97, 99, 101	22-01735-00	103	22-01997-10	57
		22-01737-00	109	22-01997-11	83
22-01613-12	101	22-01737-01	109	22-01997-12	105
22-01613-13	9, 93, 99, 101	22-01737-02	109	22-01997-13	83, 105
		22-01743-00	109	22-01997-14	105
		22-01744-00	59		

PART NUMBER INDEX

PART NO.	PAGE NO.	PART NO.	PAGE NO.	PART NO.	PAGE NO.
22-01997-16	105, 107	22-04018-00	57	34-00373-69	1, 45
22-01997-17	105, 107	22-04031-00	101, 103	34-00373-71	1
22-01997-18	105, 107	22-04031-01	89, 91, 93, 95, 99	34-00373-88	1
22-01997-19	83			34-00616-06	83
22-01997-20	107	22-04032-00	101, 103	34-00655-04	43, 55
22-01997-21	83, 107	22-04083-00	88	34-00655-08	8, 9, 11, 25, 55, 83
22-01997-22	107	22-04083-01	90		
22-02188-00	59	22-04083-03	94	34-00655-10	25, 34, 81
22-02205-00	17, 29, 65	22-04083-04	94	34-00662-08	13
22-02232-00	59	22-04083-05	92	34-00662-11	7
22-02319-05	61, 62	22-04083-07	90	34-00662-13	53
22-02319-06	61, 62	22-04083-08	98	34-00663-07	25
22-02322-00	59	22-04083-09	88	34-00663-08	20, 73, 74
22-02324-01	58	22-04083-10	96	34-00663-09	19, 20, 21, 22, 25, 39, 43, 51
22-02324-02	59	22-04083-11	88		
22-02324-05	58	22-04083-12	88	34-00663-11	57, 81, 83
22-02324-09	103	22-04083-13	92	34-00666-09	77
22-02336-02	1, 33	22-04083-14	99	34-00667-05	28
22-02336-04	1, 39	22-04083-15	88	34-00667-11	34, 43, 47, 49, 58, 61, 81
22-02336-08	1, 33	22-04085-00SV	43		
22-02341-01	28, 29	22-06163-15	11	34-00667-12	57, 60, 61
22-02375-00	59	22-50007 Series	1	34-00667-13	43
22-02378-00	58	22-50088-00	83	34-00792-07	41
22-02392-00	89, 91, 93, 95, 97, 99	22-50088-02	57	34-00795-09	20, 61, 71, 74
22-02392-03	13, 95, 97, 101	22-50100-00	88, 90, 92, 94, 96, 98	34-00795-17	83
22-02393-01	89, 91, 93, 95, 97, 99, 101	22-50127-00	17	34-00848-10	28
		24-00006-02	85	34-00928-01	35, 71, 72
22-02394-00	89, 91, 93, 95, 97, 99	30-00407-02SV	33	34-00928-02	9, 23, 35, 55, 57, 61, 67, 87
		30-00415-01	11		
22-02394-02	89, 91, 93, 95, 96, 97, 99, 101	34-00373-05	1	34-00928-03	11, 29, 67 87
		34-00373-07	1, 11, 45, 51, 53	34-00928-04	14, 37, 87
22-02401-00	109	34-00373-11	1	34-00928-06	13
22-02413-00	17	34-00373-51	1, 81	34-00928-07	57
22-02418-02	109	34-00373-53	1	34-00928-09	13, 17, 73, 74, 77, 81, 87
22-02420-00	109	34-00373-54	49		
22-02448-00SV	89, 91, 93, 95, 97, 99	34-00373-59	1, 82		
		34-00373-65	1		

PART NUMBER INDEX

PART NO.	PAGE NO.	PART NO.	PAGE NO.	PART NO.	PAGE NO.
34-00928-13	15, 66	34-06053-22	55	34-66627-00	8
34-01142-01	35, 57, 71, 72	34-06060-03	43	34-66628-03	65
34-01150-03	87	34-06092-00	76	34-66629-05	27, 29
34-01150-06	87	34-06107-00	19, 20, 21, 22	34-66630-00	27, 29
34-01150-30	87	34-06136-01	47, 61, 62	34-66635-00	73, 74
34-01150-31	87	34-06136-02	61, 62	34-66642-09	13
34-01167-01	19, 20, 21, 22	34-06139-00	23	38-00557-00	83
34-01178-22	25, 40, 85	34-06139-01	23	38-00585-00	57
34-01178-23	40	34-06139-04	23	40-00108-03	11
34-01181-01	57, 60, 61	34-06142-00	17, 65	40-00297-00	11
34-01181-02	55	34-06152-00	23	40-00520-01	51, 53, 82
34-06051-32	40	34-06154-00	5, 8, 9, 11, 14	40-00520-02	45
34-06051-36	57	34-06165-08	83	40-00520-03	45
34-06053-00	7, 9, 14, 19, 20, 21, 22, 37, 39, 43, 47, 48, 49, 50, 52, 55, 60, 66, 71, 72	34-06169-00	19, 20, 21, 22, 57, 71, 72	40-00542-00	45
34-06053-02	43, 51, 53, 57, 60, 61	34-06179-00	57, 71, 74	40-00542-01	45
34-06053-03	34, 37, 47, 48, 52, 57, 58, 63, 68, 69, 71, 76	34-06179-04	71	40-00583-05	45
34-06053-04	51, 77	34-06179-04L	74	40-00601-05	11
34-06053-05	19, 20, 21, 22, 35, 45, 47, 48, 49, 50, 53, 61, 65, 71	34-06185-01	7, 9	40-00605-00	45
34-06053-10	61	34-06212-10	27, 29, 65	40-00605-01	45
34-06053-11	35	34-06212-12	5, 11	40-00605-05	45
34-06053-13	5, 11, 25, 71	34-06223-00	31, 34, 37	40-00622-01	45
34-06053-14	73, 74	34-06223-01	39	40-00630-00	43
34-06053-15	41	34-06224-01	39	40-00640-00	11
34-06053-18	76	34-06236-00	25, 43	40-01124-00	45
34-06053-19	7, 9	34-06243-00	25	40-01129-00	52
34-06053-20	43	34-06251-00	39	40-66615-00	66
		34-06262-00	77	42-00032-00	37, 39, 45
		34-06277-02	43	42-00233-01	77
		34-06277-03	43	42-00270-02	19, 20, 21, 22
		34-06283-00	57	42-00271-00	29
		34-06286-00	77	42-00295-00	77
		34-06287-00	77	42-00295-01	77
		34-06295-00	45	42-00296-01	5, 7, 9, 13
		34-0662-11	9	42-00327-00	5, 7, 9, 13
		34-66621-04	20	42-00328-00	61
				42-00334-00	87
				42-00366-00	61

PART NUMBER INDEX

PART NO.	PAGE NO.	PART NO.	PAGE NO.	PART NO.	PAGE NO.
42-00384-01	43, 45	56-08346-00	82	58-04026-08	55
42-00384-02	43, 45	56-08348-00	82	58-04026-17	60, 61
42-00407-00	7, 9	56-08495-00	45	58-04026-21	55
42-00465-00	76	56-08496-00	45	58-04026-22	63
42-00608-00	27, 29	56-08500-00	81	58-04026-25	60, 61
42-00611-00	20	56-08501-00	81	58-04026-26	45
42-00667-12	81	56-08502-00	81	58-04026-32	35
42-00667-13	81	56-08503-00	81	58-04026-35	55
42-00667-14	45	56-08525-00	45	58-04026-41	55
42-00667-15	45	56-08526-00	45	58-04026-42	55
42-00667-16	45	56-08527-00	45	58-04026-44	55
42-01098-01	71, 74	56-08590-00	82	58-04026-50	55
42-50000-00	52	56-08591-00	82	58-04026-52	53
44-00300-00	19, 20, 21, 22	56-08588-00	82	58-04026-56	13
44-00343-00	23	58-00065-46	40, 81	58-04026-57	55
44-00361-00	11, 25, 40	58-00065-56	81	58-04026-59	49
44-00370-03	51, 53, 81	58-00065-71	66	58-04026-61	51
44-00374-00	57, 71, 74	58-00065-72	66	58-04026-67	85
44-00391-00	27, 29	58-00065-77	11, 71	58-04026-70	35
44-00449-00	37	58-00065-78	11	58-04026-73	73, 74
44-00449-01	37	58-00065-84	11	58-04026-74	20, 73, 74
44-01041-04	40	58-00616-00	14	58-04066-00	83
44-01043-05	1	58-00616-02	71	58-04101-00	19, 20, 21, 22
44-01043-07	1	58-00701-03	34	58-04101-01	37
44-01143-05	81	58-00836-19	49, 77	58-04101-07	57, 71, 74
44-66605-00	20, 73, 74	58-00848-37	101	58-04127-00	66
48-00262-00	83	58-00849-03	37	58-04127-03	66
48-00350-01SV	43	58-00956-00	53	58-04127-05	66
48-00377-00	77	58-00957-00	53	58-04127-07	66
48-66611-00	20, 73, 74	58-00967-00	25	58-04162-01	75
54-00548-20	83	58-00969-00	7, 9, 34, 40, 51, 53, 67	58-04170-01	66
54-00586-20	57	58-00989-03	66	58-04246-00	25, 39, 43, 71
54-00615-20	83	58-01097-00	65	58-04251-00	8, 9
54-50027-01	83	58-01184-00	31, 33	58-04251-01	11
56-07657-00	45	58-04026-03	55	58-04251-02	11
56-07669-00	45	58-04026-07	47, 58, 60	58-04263-01	77
56-08345-00	81				

PART NUMBER INDEX

PART NO.	PAGE NO.	PART NO.	PAGE NO.	PART NO.	PAGE NO.
58-04273-00	25	62-02723-03	79	62-10914-05	27
58-04276-00	37	62-02723-04	79	62-10914-06	28
58-04277-00SV	37	62-02723-06	79	62-10926-00	78
58-04278-00	37	62-02723-10	79	62-10980-00	81
58-04279-00	37	62-02735-00	33	62-10984-00	77
58-04290-01	14	62-02738-04	33	62-10998-00	79
58-04302-01	14	62-02738-08	33	62-11009-00	79
58-04315-00	40	62-02738-14	39	62-11009-01	79
58-04316-00	25, 29, 37, 39, 47, 67	62-02743-01	79	62-11018-00	25
58-04366-00	19, 20, 21, 22	62-02743-10	79	62-11114-00	39
58-04376-03	7, 9	62-02743-16	79	62-11139-00	79
58-04378-01	5	62-02743-18	79	62-11139-01	79
58-04389-00	19, 20, 21, 22	62-02743-19	79	62-11139-02	79
58-04435-00	43	62-02785-00	57	62-11274-00	17
58-04451-00	43	62-02863-01	78	62-66644-00	79
58-04456-00	29	62-03957-04	23	62-66678-01	78
58-04461-00	43	62-10356-00	78	62-66697-00	13
58-04461-01	43	62-10381-00	77	62-66701-00	13
58-04463-00	43	62-10537-00	77	65-00177-05	51
58-04497-01	11	62-10540-00	77	65-00185-01	51
58-04497-04	11	62-10540-04	77	66CH1-1002-33	77, 78
58-04539-07	67	62-10557-00	15	66CH1-1172-2	7, 9, 11
58-04624-00	87	62-10754-00	78	66CH1-1172-52	25
58-04664-00	81	62-10754-01	78	66CH1-1172-93	43
58-04696-00	67	62-10781-00	39	66U-1-2403-1	19, 20, 21
58-04706-00	101	62-10781-01	39	66U-1-3882	19, 20, 21
58-66640-00	13	62-10783-00	39	66U-1-5321-2	20
58-66642-00	13	62-10799-02	78	66U-1-5321-8	19, 20, 21, 22
58-66644-00	13	62-10902-03	17	66U-1-6651-2	20
58-66645-00	13	62-10904-00	79	66U-1-6651-22	20
62-02444-01	78	62-10904-02	79	66U-1-6811-12	21, 22
62-02458-01	78	62-10904-04	79	66U-1-6811-15	19, 20
62-02530-01	78	62-10911-00	34	66U-1-6811-8	19
62-02719-00	33	62-10914-00	27, 29	66U-6651-24	88, 90, 92, 94, 96, 98
62-02723-00	79	62-10914-01	27	66U1-1251-2	25, 47
62-02723-02	79	62-10914-02	27, 28	66U1-1571-14	40
		62-10914-03	28		
		62-10914-04	28		

PART NUMBER INDEX

PART NO.	PAGE NO.	PART NO.	PAGE NO.	PART NO.	PAGE NO.
66U1-1571-3	51, 53, 81	66U1-5331	41	66U1-7842-12	25
66U1-2403	23, 87	66U1-5331-3	40	66U1-7842-6	25
66U1-2403-1	20, 21, 22	66U1-5331-4	49, 82	66U1-7842-7	25
66U1-2552-133	51, 52	66U1-5361	57	66U1-7982-2	87
66U1-2552-171	37	66U1-5361-11	47, 58	66U1-8292-01	101
66U1-2552-185	9, 13, 83	66U1-5361-25	37, 47, 48, 50, 52, 55, 57, 63, 68, 69, 71, 76, 81, 85	66U1-8292-1	7, 9, 85
66U1-2583	58			66U1-8662	15
66U1-2583-1	59			66U1-8912	57
66U1-2593-19	34			66U1-9212-1	31
66U1-2593-24	87	66U1-5361-47	43	66U1-9592-13	34
66U1-2603	63	66U1-5361-50	8	66U1-9592-18	39
66U1-3382	52	66U1-5361-7	51, 53	66U1-9752	27, 29
66U1-3442-2	31	66U1-5362-1	77	66U1-9782	58, 59
66U1-3632-20	45	66U1-5362-2	7, 9	66U1-9782-1	59
66U1-3803	1, 25, 51, 52, 82	66U1-5371	49, 82	66U2-1081	27
66U1-3803-1	1	66U1-5371-07	65	66U2-1132-1	25, 52
66U1-3882	11, 17, 21, 22, 23, 25, 29, 37, 39, 40, 43, 47, 67, 69, 71, 82	66U1-5371-10	45, 66, 85	66U2-1142	52
		66U1-5371-13	85	66U2-1152	52
		66U1-5371-6	11, 37, 43, 45, 47, 48, 49, 51, 53, 61, 63, 67, 82	66U2-1531-1	62
66U1-3882-2	39			66U2-1531-3	61, 62
66U1-3882-3	29, 37, 43, 51, 53, 81	66U1-5371-7	17, 25, 29, 33, 37, 40, 45, 50, 53, 55, 61, 71, 77, 81	68-11989-00	5
66U1-5321-13	7, 9			68-11989-01	5
66U1-5321-2	49, 73, 74, 82	66U1-5381-1	81	68-11989-08	13
66U1-5321-3	34, 61, 76, 81, 83, 85	66U1-5562-2	5, 7, 9, 13, 14	68-11989-10	13
66U1-5321-5	43	66U1-5732-1	34	68-12417-00	15
66U1-5321-6	28	66U1-6651-19	25	68-12658-01	68, 69
66U1-5321-7	14, 25, 34, 37, 39, 40, 43, 47, 49, 50, 52, 55, 58, 60, 63, 66, 68, 69, 71	66U1-6651-26	13	68-12658-04	68
		66U1-6782	59	68-12658-20	68
		66U1-6782-3	59	68-12933-00	7
		66U1-6811-12	21, 57	68-12933-05	9
		66U1-6811-16	72	68-12933-07	9
		66U1-6811-8	57, 71, 72	68-12940-00	7
66U1-5321-8	11, 21, 37, 45, 47, 48, 50, 53, 61, 63, 65, 66, 67, 77, 85	66U1-7352	47, 48	68-12940-03	9
		66U1-7352-3	25, 47, 48	68-12940-05	9
		66U1-7452-3	81	68-13181-00	85
				68-13294-00	43
				68-13355-00	55
				68-13600-00	85

PART NUMBER INDEX

PART NO.	PAGE NO.	PART NO.	PAGE NO.	PART NO.	PAGE NO.
68-13724-00	20, 71, 74	68-15105-00	47	69NT35-1287-1	77
68-13832-00	61	68-15118-00	47, 48	69NT35-1417	77
68-13961-00	62	68-15118-01	47	69NT35-2086	60, 61
68-14046-00	87	68-15150-00	47, 48	69NT35-2287	35
68-14143-00	48	68-15150-01	47	69NT35-2692	33, 87
68-14373-00	87	68-15170-00	49, 51, 53	69NT35-2692-1	37, 47, 48, 57, 68, 69, 71, 76, 77, 83, 85
68-14444-00	17	68-15170-01	49, 51		
68-14444-01	17	68-15171-00	51, 53		
68-14456-00	47, 48	68-15171-01	51	69NT35-2692-4	39, 55
68-14456-01	48, 58	68-15172-00	51, 53	69NT35-3282	87
68-14456-02	60	68-15172-01	51	69NT35-3867	78
68-14482-00	39	68-15210-01	55	69NT35-3987	15
68-14546-05	55	68-15210-03	55	69NT35-3997-1	15
68-14546-06	55	68-15213-00	47	69NT35-4047	76
68-14628-00	17	68-15213-01	47	69NT35-5022-5	71, 74
68-14706-01	48	68-15216-00	81	69NT35-5022-6	20
68-14715-00	13	68-15269-00	45	69NT35-5352-1	71
68-14715-01	13	68-15269-01	45	69NT35-5992	63
68-14738-00	11	68-15270-00	34	69NT35-6112	57
68-14739-00	11	68-15275-00	87	69NT35-6118	17
68-14796-00	27, 29	68-15275-01	87	69NT35-6272	35
68-14796-01	27	68-15285-00	55	69NT35-6272-1	35
68-14796-02	27, 28	68-15285-01	55	69NT35-6272-2	35
68-14796-03	28	68-15286-00	48	69NT35-6278	25
68-14796-04	28	68-15294-00	49	69NT35-636-1	17
68-14796-05	27	68-15294-01	49	69NT35-636-2	23
68-14796-06	28	68-15296-00	49	69NT35-6412	58
68-14817-00	20	68-15331-00	45	69NT35-6412-2	58
68-14890-00	81	68-15331-01	45	69NT35-6532	85
68-14892-00	81	68-15385-01	82	69NT35-6922	77
68-14955-00	77	68-66773-01	35	69NT35-7012	77
68-14999-00	81	68-66776-01	35	69NT35-8012	66
68-15002-01	81	68-86013-00	87	69NT35-8113	41
68-15013-00	87	68-86032-00	73, 74	69NT35-8258	14, 75
68-15014-00	87	69NP20-1031	51, 52	69NT35-8348	77
68-15015-00	82	69NT-35-5352-1	74	69NT35-8382	63
68-15028-00	67	69NT20-1893-1	78	69NT35-8693-11	55
68-15028-01	67	69NT35-1076	62	69NT35-9073	25
68-15053-00	67	69NT35-1076-1	62	69NT35-9073-1	25

PART NUMBER INDEX

PART NO.	PAGE NO.	PART NO.	PAGE NO.	PART NO.	PAGE NO.
69NT35-9228	77	76-00746-06	87	86-04461-20	22
69NT35-9238	77	76-00746-07	87	86-04636-00	35
69NT35-9952	23	76-50058-00	109	86-04636-01	35
69NT40-222	29	76-50059-00	109	86-04636-02	35
69NT40-914-4	60, 61	76-50075-00	57	86-04636-03	35
69NT40-976-3	77	76-50116-00	77	86-66688-01	20
69NT41-192	65	76-50116-01	77	86-66689-00	35
69NT41-192-1	65	76-50116-02	77	86-66695-00	74
69NT41-257-2	76	76-50116-03	77	86-66704-00	13
69NT41-782	77	76-50116-04	77	86-66704-01	13
69NT41-852-1	76	76-50136-00	77	91-00373-00	105
69NT41-892	61	76-50149-00	33	91-00373-01	105
69NT41-982-3	34	79-01695-00	7	91-00373-03	105
69NT42-954-4	52	79-01697-06SV	5	91-00373-04	105
69NT43-124-4SV	23	79-01697-17SV	5	91-00373-05	105
69NT43-125-1	23	79-01785-01	51	91-00373-06	105
69NT43-256	71, 72, 73	79-01785-02	51	91-00382-00	107
69NT43-270	62	79-01925-00	77	A	
69NT43-270-1	61	79-01934-00	77	AA06JA-166	81
69NT43-282	61	79-01937-02	57	AA06JA-170	60
69NT43-295	83	79-66626-00	9	AT39JA-171	34
69NT43-307	76	79-66626-01	9	AU11JR-171	85
69NT43-374	60, 61	79-66640-00	13	AU27JR-131	23
74-66608-00	19	79-66641-00	13	AU27JR-171	34, 37, 61
74-66608-01	21	79-66641-01	13	D	
74-66608-02	19	79-66642-00	13	DE21BA-701	45
74-66608-03	20	79-66643-00	13	DE40BA-101	82
74-66608-04	20	79-66643-01	13	DE40BA-303	45
74-66608-05	21	79-66669-00	27	DE40BA-927	45
74-66608-06	22	81-01539-20	49	E	
76-00667-03	61	81-01855-22SV	55	EC39DM070	41
76-00667-04	60	81-01925-00	82	K	
76-00675-01	85	81-01925-01	82	KA70PP048	11
76-00676-00	17	86-04217-01	72	M	
76-00701-10	71	86-04217-02	71, 73	MS510074	28
76-00701-11	72	86-04217-03	74		
76-00701-13	74	86-04405-00	43		
76-00704-01	57	86-04406-00	43		
76-00704-02	57	86-04461-00	19, 20, 21		
76-00734-00	52	86-04461-02	21		



Carrier Transicold Division,
Carrier Corporation
P.O. Box 4805
Syracuse, NY 13221 USA

<https://www.carrier.com/container-refrigeration>