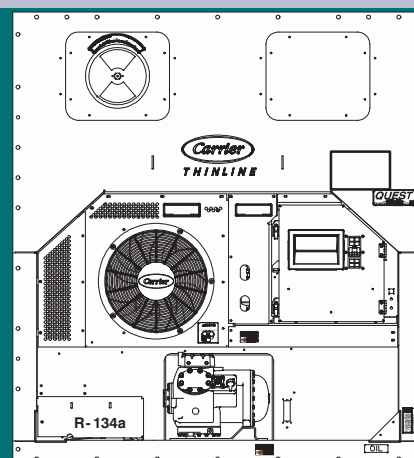
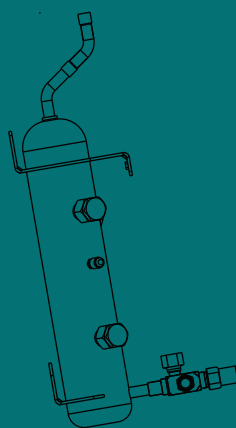
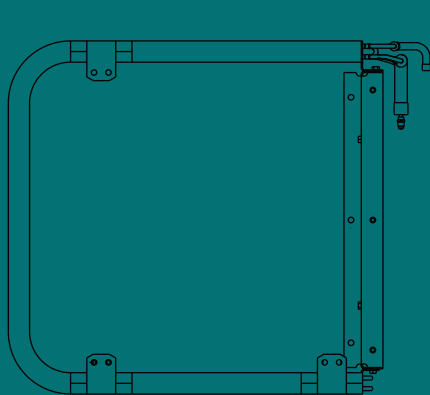




Container Refrigeration



PARTS LIST MANUAL

For

69NT40-541-505, 508 and 509
Upflow Container Refrigeration Units



PARTS LIST MANUAL

For

69NT40-541-505, 508 and 509

Upflow Container Refrigeration Units

TABLE OF CONTENTS

PARAGRAPH NUMBER		PAGE
	CONFIGURATION IDENTIFICATION	I
	FEATURE DESCRIPTIONS	I
	OPTION DESCRIPTIONS	II
	ORDERING INSTRUCTIONS	III
	LETTER DESIGNATIONS	III
1	REFRIGERATION UNIT - AREA LOCATOR	1
2	AIR EXCHANGE KIT, LOWER	4
3	UPPER FRESH AIR - BLANK PANEL	7
4	UPPER FRESH AIR - VPS PANEL	8
5	BACK PANEL KIT	10
6	BOX PREP KIT	14
7	BULKHEAD PENETRATION - UPPER AIR EXCHANGE	16
8	CABLE ASSEMBLY	18
9	CABLE	20
10	CABLE RESTRAINT COMPONENTS	22
11	COMPRESSOR TUBE KIT	24
12	CONDENSER KIT	26
13	CONDENSER FAN KIT	30
14	TRANSFRESH KIT	32
15	EVERFRESH PANEL ASSEMBLY	34
16	CONTROLLER KIT	36
17	CONTROLLER MODULE SECTION AND SOFTWARE CARDS	40
18	CONTROLLER DOOR KIT, SCREW	42
19	DRAIN	44
20	AUTOTRANSFORMER	46
21	HEATER KIT	50
22	EVAPORATOR FAN AND MOTOR KIT	51
23	EVAPORATOR KIT	54
24	HUMIDITY KIT	56
25	FRAME KIT	58
26	INTERROGATE KIT	62
27	LABEL KIT	64
28	PANEL KIT	65
29	RMU KIT	66
30	USDA KIT	67
31	WIRING KIT	68
32	COMPRESSOR MOUNTING, GUARD, CRANKCASE HEATER COMPONENTS	72
33	WIRING ASSEMBLY, HIGH VOLTAGE HARNESS	74
34	HARNESS - LOW VOLTAGE	76
35	COMPRESSOR ASSEMBLY	78

INTRODUCTION

The Carrier Transicold model 69NT40-541-505, 508, and 509 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.

They are one piece, self-contained, all-electric units, which include cooling and heating systems to provide precise temperature control.

The units are supplied with a complete charge of refrigerant R-134a and compressor lubricating oil, and are ready for operation upon installation. Forklift pockets are provided for unit installation and removal.

The base unit operates on nominal 380/460 volt, 3-phase, 50/60 hertz power. An optional autotransformer may be fitted to allow operation on nominal 190/230, 3 phase, 50/60 hertz power. Power for the control system is provided by a transformer, which steps the supply power down to 18 and 24 volts, single phase.

The controller is a Carrier Transicold Micro-Link 3 microprocessor. The controller operates automatically to select cooling, holding or heating as required to maintain the desired set point temperature within very close limits. The unit may also be equipped with an electronic temperature recorder.

The controller has a keypad and display for viewing or changing operating parameters. The display is also equipped with lights to indicate various modes of operation.

CONFIGURATION IDENTIFICATION

Unit identification information is provided on a plate located near the compressor. 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 provisions to allow for field installation of optional equipment and differences in detailed parts.

FEATURE DESCRIPTIONS

Control Box

Units are equipped with an aluminum control box, and may be fitted with a lockable door.

Controller

The unit is equipped with a Micro-Link 3 microprocessor system.

Temperature Readout

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

Pressure Readout

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

Compressor

The unit is fitted with a single speed reciprocating compressor.

Condenser Coil

The unit is fitted with a two-row square formed condenser coil using 7mm tubing.

Condenser Grille

Condenser grilles are direct bolted.

Evaporator

The evaporator section is equipped with a hermetic thermal expansion valve (TXV) and a heat exchanger. The unit has six heaters.

Evaporator Fan Operation

Two evaporator fan motor operation systems are available. On units with Normal Evaporator Fan Operation, opening of an evaporator fan internal protector will shut down the unit. On units equipped with single evaporator fan capability, additional relays are installed to allow the unit to continue to operate on a single fan.

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.

OPTION DESCRIPTIONS

Various options may be factory or field equipped to the base unit. These options are described in the following sub-paragraphs.

Battery

The refrigeration controller may be fitted with standard replaceable batteries or a rechargeable battery pack. Rechargeable battery packs may be fitted in the standard location or in a secure location.

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.

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 mounted inside the container (with the USDA receptacles).

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.

Quest-QCC

Compressor-Cycle Perishable Cooling (CCPC) is a method of temperature control used during steady-state perishable cooling that cycles the compressor on and off according to supply / return air temperature conditions.

Communications Interface Module

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.

460 Volt Cable

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

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. If the unit is equipped with an autotransformer and communications module, the autotransformer will be fitted with a transformer bridge unit (TBU) to assist in communications.

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. The plug options tailor the cables to customer requirements.

Gutters

Rain gutters may be fitted over the control box to divert rain away from the controls.

Handles

The unit may be equipped with handles to facilitate access to stacked containers.

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.

Back Panels

Aluminum back panels may have access doors and/or hinge mounting.

Cable Restraint

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

Upper Air (Fresh Air Makeup)

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.

Labels

Safety Instruction and Function Code listing labels differ depending on the options installed. Labels available with additional languages are listed in the parts list.

Display Module

The unit may be fitted with a back-lit Liquid Crystal Display (LCD) or a Light Emitting Diode (LED) Display.

Emergency Bypass

The optional Emergency Bypass switch (EB) functions to bypass the controller in the event of controller failure.

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

LETTER DESIGNATIONS

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

A/R= As Required

N/A= Not Available

NS = Not shown in illustration

NSS = Not sold separately - Order next higher assembly or kit

PID = Parts Identification Number - essential to identify unit configuration

PL = Purchase Locally

SST = Stainless Steel - 300 Series unless otherwise specified

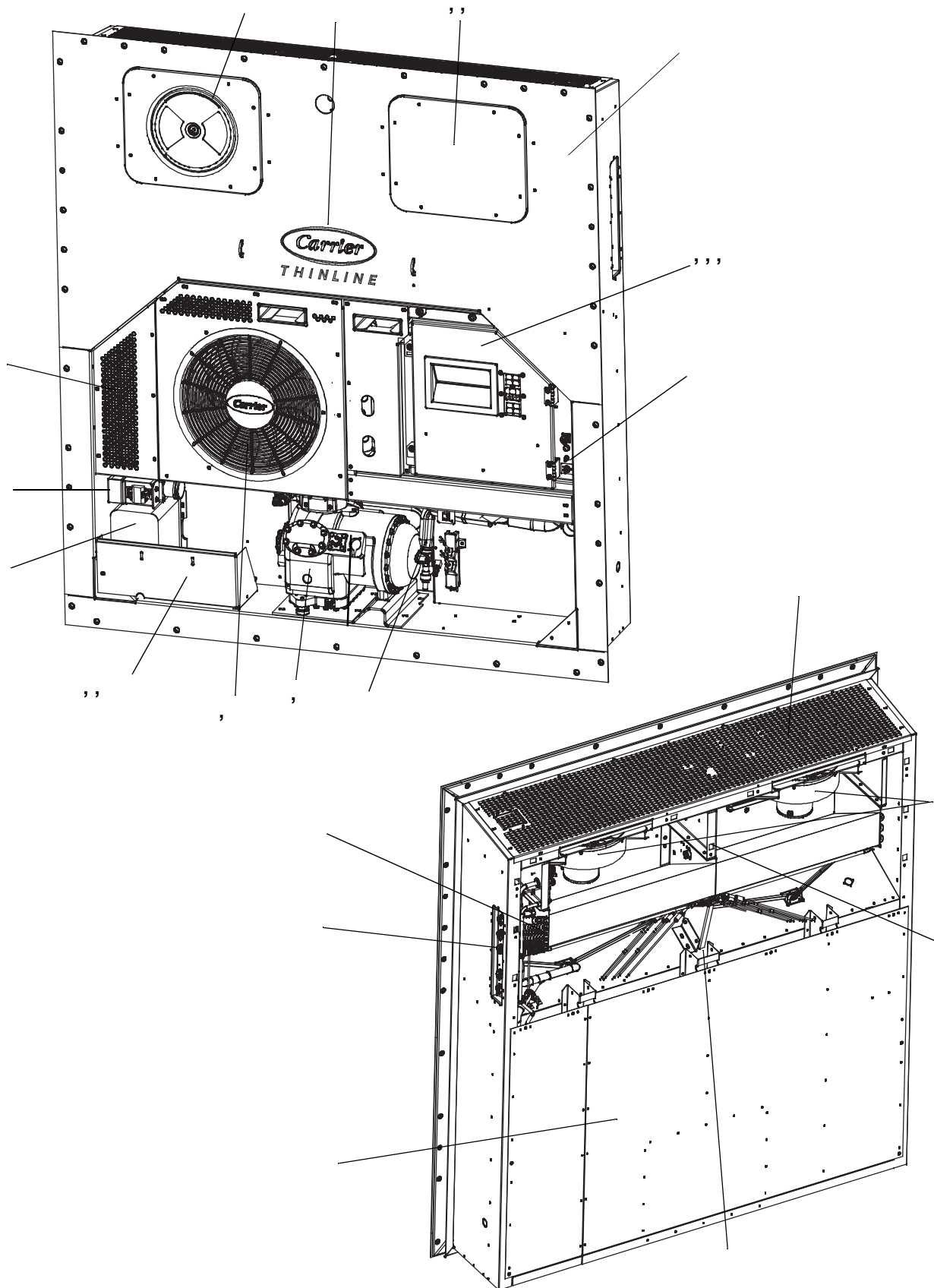
SV = Suffix SV - added to part number designates service replacement part

SERVICE PARTS LIST

Quick List - Clamps, Filter-Drier, fuse, Ty-Raps, Wire Terminals & Replacement Frames	
Part Number	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
14-00341-07	Filter Drier 1/2 Flare, "O" Ring
14-00341-11	Filter Drier Aluminum Coated, 1/2 Flare, "O" Ring
22-02336-02	Fuse, 5 Amp (F1, F2, & FED)
22-02336-04	Fuse, 10 Amp (FEB)
22-02336-08	Fuse, 7.5 Amp (F3A & 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. lg.
22-01107-00	Spiral Wrap, 1/2 Diameter x 25 ft. lg.

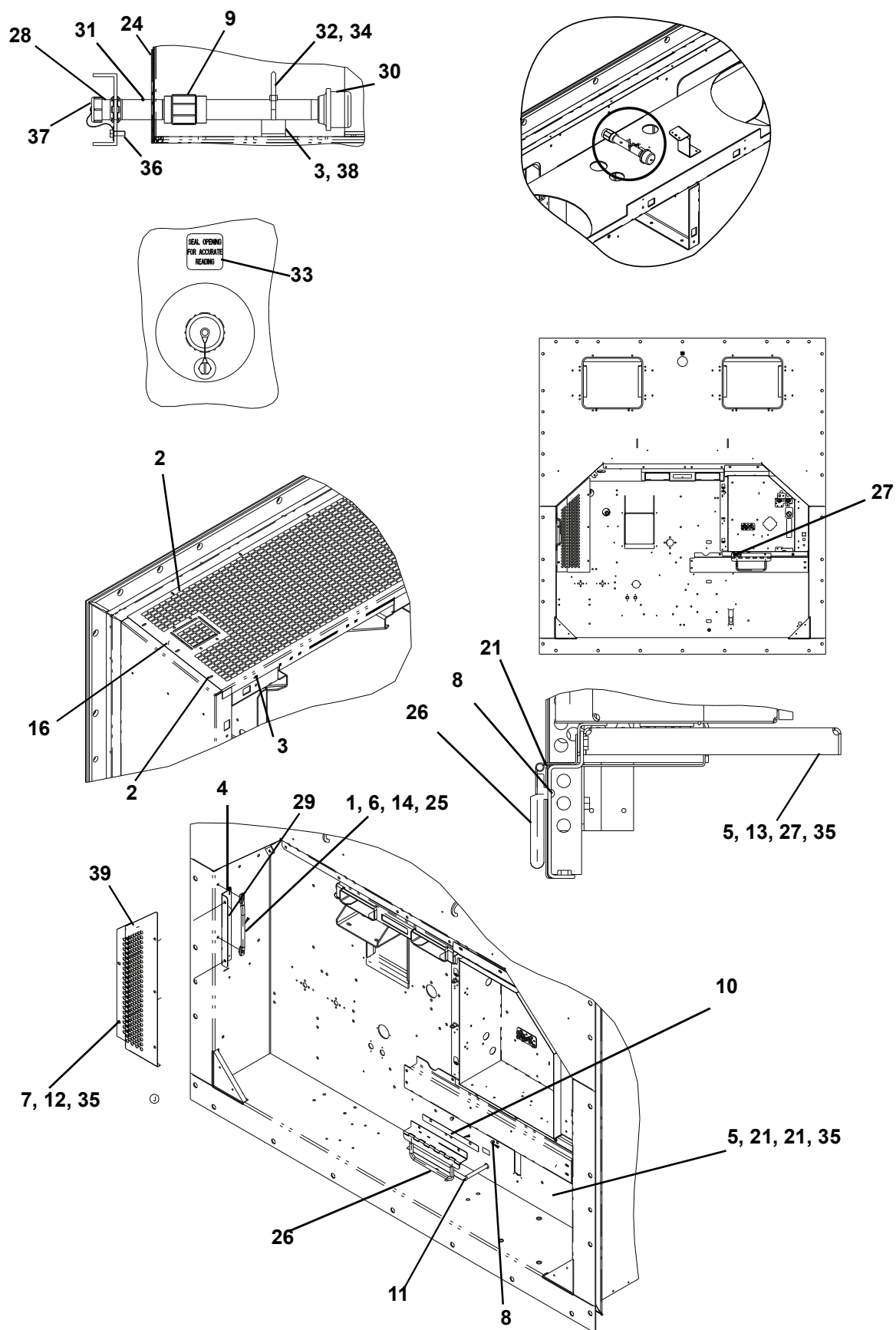
66U1-3803	Tube, Heat Shrink, 1/4 ID x 2- 1/8 lg.
66U1-3803-1	Tube, Heat Shrink, 1/2 ID x 2- 3/4 lg.
44-01043-05	Ty- Raps, 5- 1/2 inches lg.
44-01043-07	Ty- Raps, 11.00 inches lg.
22-50007	Series Wire Markers
07-00345-00	Sealant, Pipe (Used to seal fittings on unit with R- 134a)
07-00313-00	Cleaner, Coil
76-00397-01	Paint, Compressor Touch- Up, Blue

1 REFRIGERATION UNIT - AREA LOCATOR

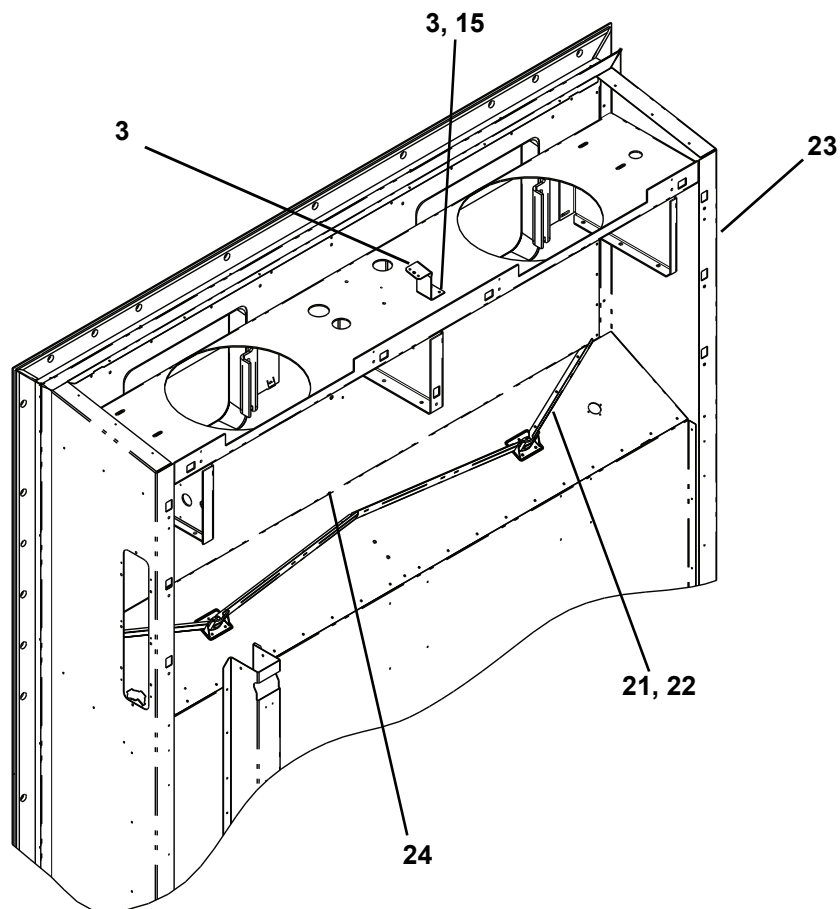


1 REFRIGERATION UNIT - AREA LOCATOR		
	Refer to Chapter	Description
	Refer to Ch. 2	Air Exchange Kit, Lower, None, Handle
	Refer to Ch. 3	Upper Fresh Air - Blank Panel
	Refer to Ch. 4	Upper Fresh Air - VPS Panel
	Refer to Ch. 5	Back Panel Kit
	Refer to Ch. 6	Box Prep Kit
	Refer to Ch. 7	Bulkhead Penetration - Upper Air Exchange
	Refer to Ch. 8	Cable Assembly
	Refer to Ch. 9	Cable Kit
	Refer to Ch. 10	Cable Restraint Components
	Refer to Ch. 11	Compressor Tube Kit
	Refer to Ch. 12	Condenser Kit
	Refer to Ch. 13	Condenser Fan Kit
	Refer to Ch. 14	Controlled Atmosphere - TransFresh
	Refer to Ch. 15	EverFRESH Panel Assembly
	Refer to Ch. 16	Controller Kit
	Refer to Ch. 17	Controller Module Section and Software Cards
	Refer to Ch. 18	Controller Door Kit
	Refer to Ch. 19	Drain
	Refer to Ch. 20	Autotransformer
	Refer to Ch. 21	Heater Kit
	Refer to Ch. 22	Evaporator Fan and Motor Kit
	Refer to Ch. 23	Evaporator Kit
	Refer to Ch. 24	Humidity Kit
	Refer to Ch. 25	Frame Kit
	Refer to Ch. 26	Interrogate Kit
	Refer to Ch. 27	Label Kit
	Refer to Ch. 28	Panel Kit
	Refer to Ch. 29	RMU Kit
	Refer to Ch. 30	USDA Kit
	Refer to Ch. 31	Wiring Kit (Not Shown)
	Refer to Ch. 32	Compressor Mounting, Guard, Crankcase Heater Components
	Refer to Ch. 33	Wiring Assembly, High Voltage Harness (Not Shown)
	Refer to Ch. 34	Harness - Low Voltage (Not Shown)
	Refer to Ch. 35	Compressor Assembly

2 AIR EXCHANGE KIT, LOWER



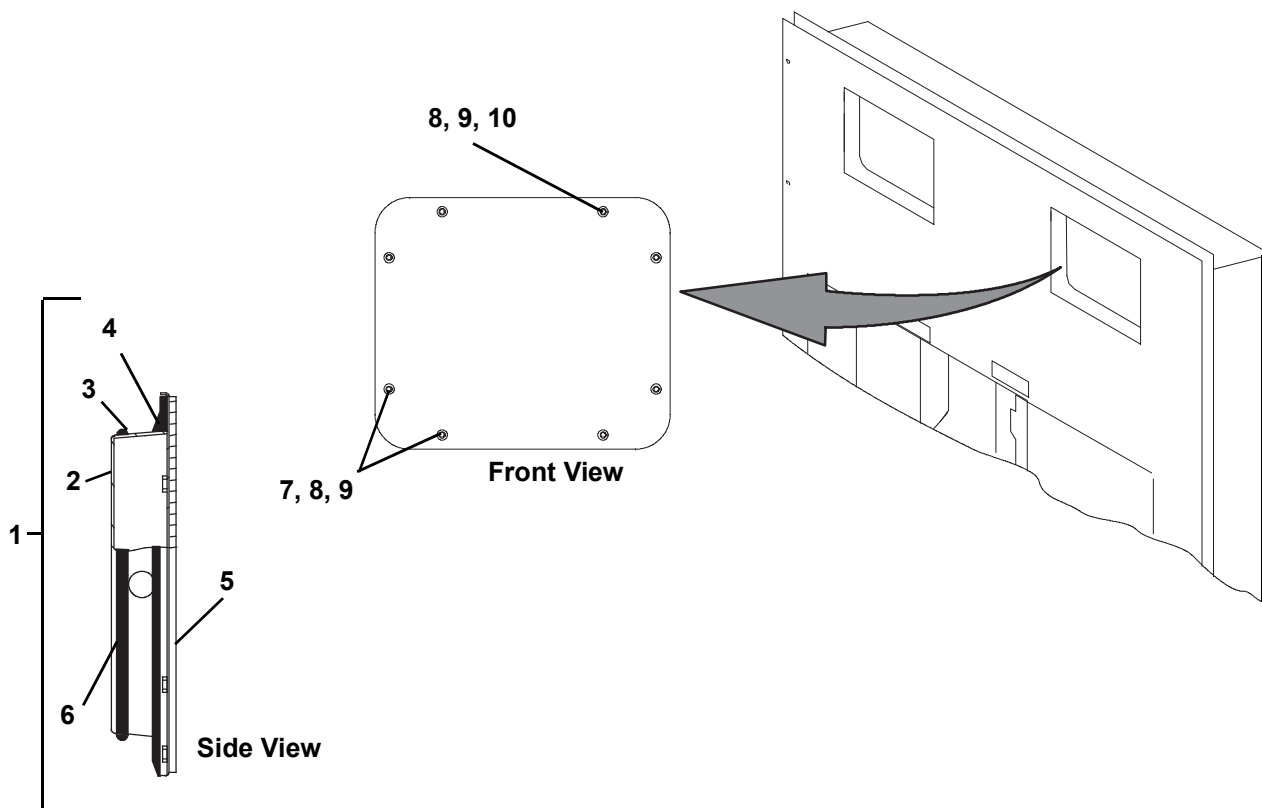
2 AIR EXCHANGE KIT, LOWER



Item	Part Number	Description	Qty
1	34-00792-07	Screw, Cap Hex Head	2
2	34-00928-07	Rivet, Blind	16
3	34-00928-09	Rivet, Blind	9
4	34-00928-20	Rivet, Blind	2
5	34-06053-00	Washer	6
6	34-06053-15	Washer	2
7	34-06053-18	Washer, Rtnng	5
8	58-04480-00	Bumper, Rubber	2
9	58-04499-00	Pipe, PVC	1
10	58-04910-06	Protector	1
11	58-04910-07	Protector	1
12	66U-1-5321-3	Washer, Plain	5
13	66U-1-5321-7	Washer, Plain	6
14	66U-1-5331	Washer, Lock	2
15	68-16521-00	Bracket	1
16	68-16695-00	Grille	1
17	68-17037-00	Panel Blue	1

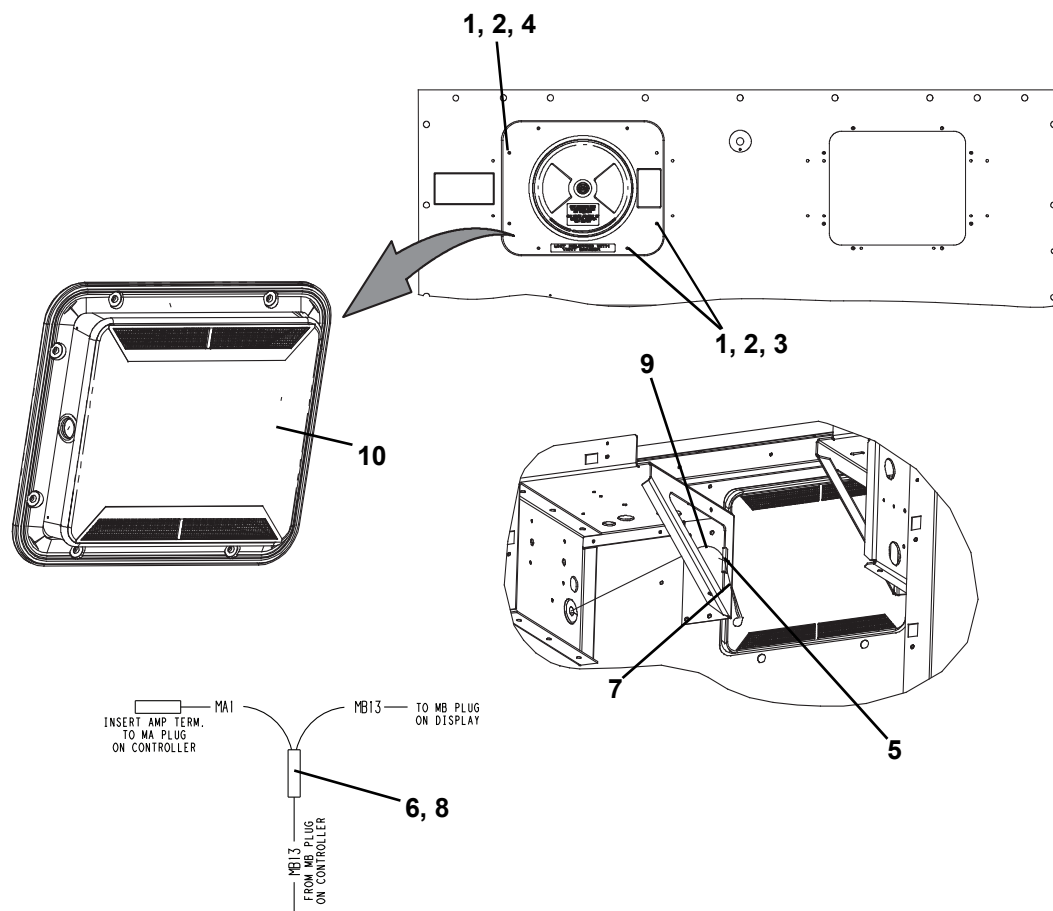
2 AIR EXCHANGE KIT, LOWER			
18	68-17037-01	Panel White	1
19	42-00065-01	Gasket	1
20	68-17118-00	Bracket	1
21	68-17129-03	Cover	1
22	68-17188-00	Gutter	1
23	68-17200-00	Channel	1
24	68-17344-02	Panel	1
25	69NT-35-8113	Handle	1
26	69NT-40-657-4	Handle Assembly	1
27	86-05078-00	Bracket	1
With Return Air Thermometer Port			
28	34-01121-00	Nut, Lock	2
29	34-06053-05	Washer	1
30	58-01094-02	Screen Assembly	1
31	58-01231-00	Nipple	1
32	58-04316-00	Base, Mounting	1
33	62-11276-00	Label	1
34	66U-1-3882	Wire Tie	1
35	66U-1-5361-25	Screw, Cap Hex Head	11
36	66U-1-5371-7	Screw, Machine Hex Head	1
37	66U-1-8662	Cap & Chain	1
38	68-14029-00	Bracket	1
Without Air Thermometer Port			
39	68-17044-00SV	Panel Blue Unit With Handles	1

3 UPPER FRESH AIR - BLANK PANEL



Item	Part Number	Description	Qty
1	79-01697-06SV	Panel Assembly, Access, Evaporator, White - 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
6	66U1-5562-2	Plug Button	1
7	34-06154-00	Screw, Hex Head, 1/4- 20 X 1.00 Inch 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 Inch Long	A/R

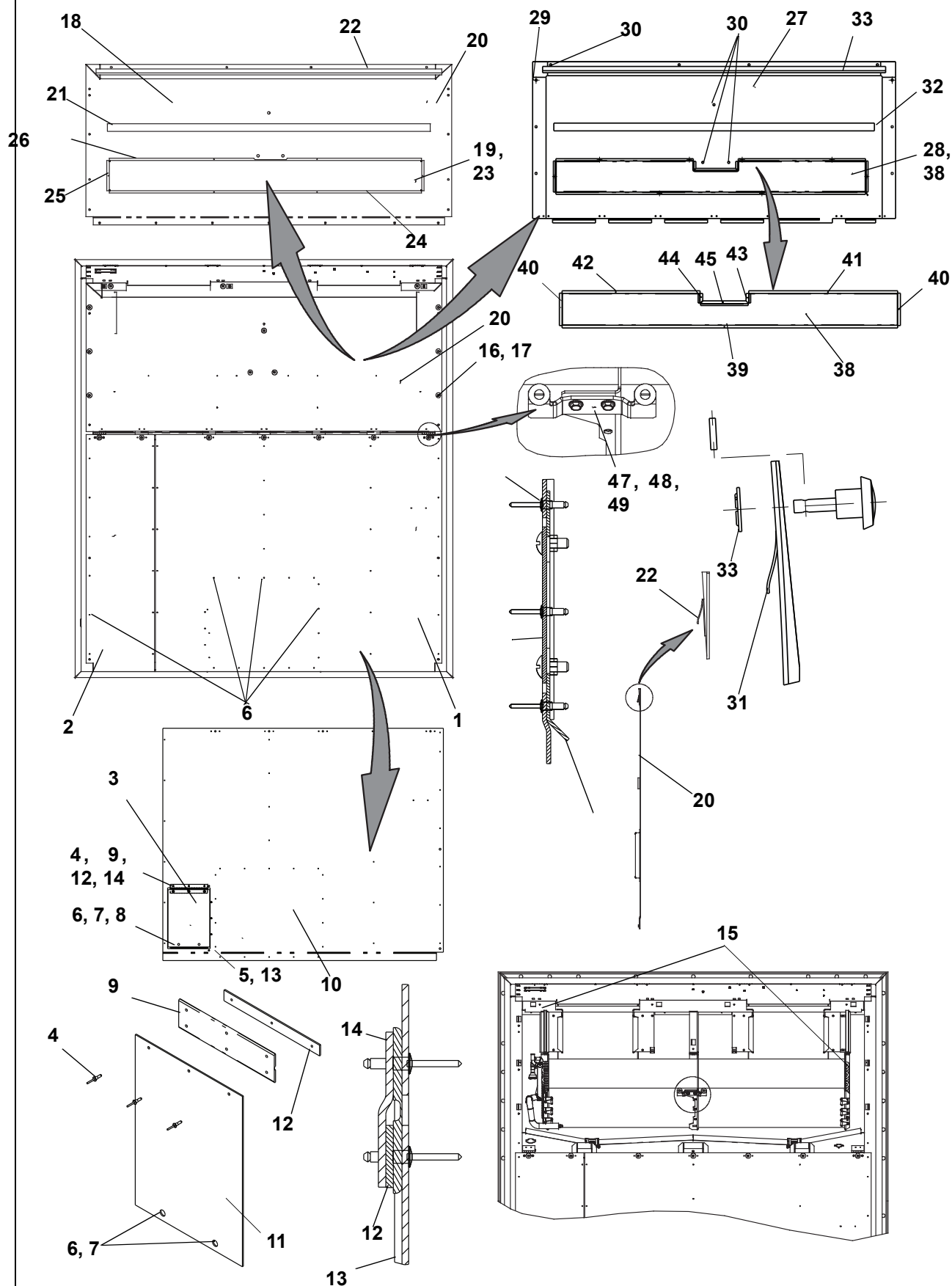
4 UPPER FRESH AIR - VPS PANEL



Item	Part Number	Description	Qty
1	34-06053-18	Washer	8
2	34-06212-17	Washer, Plain	8
3	34-66627-00	Screw, Cap Hex Head	2
4	34-66644-00	Screw, Cap Hex Head	6
5	58-00969-00	Wire Tie	1
6	66U-1-2583-43	Tube	1
7	66U-1-8292-1	Cap, Insulating	3
8	66U-2-1132-2	Connector, Electrical	1
9	66CH-1-1172-2	Trim, Flexible	1
10	79-01695-00	Panel Assembly Includes:	1
11	34-06053-19	Washer	1
12	34-06185-01	Screw	1
13	42-00296-01	Gasket	1
14	42-00327-00	Gasket	1
15	42-00407-00	Gasket	1
16	58-04376-03	Panel Assembly	1

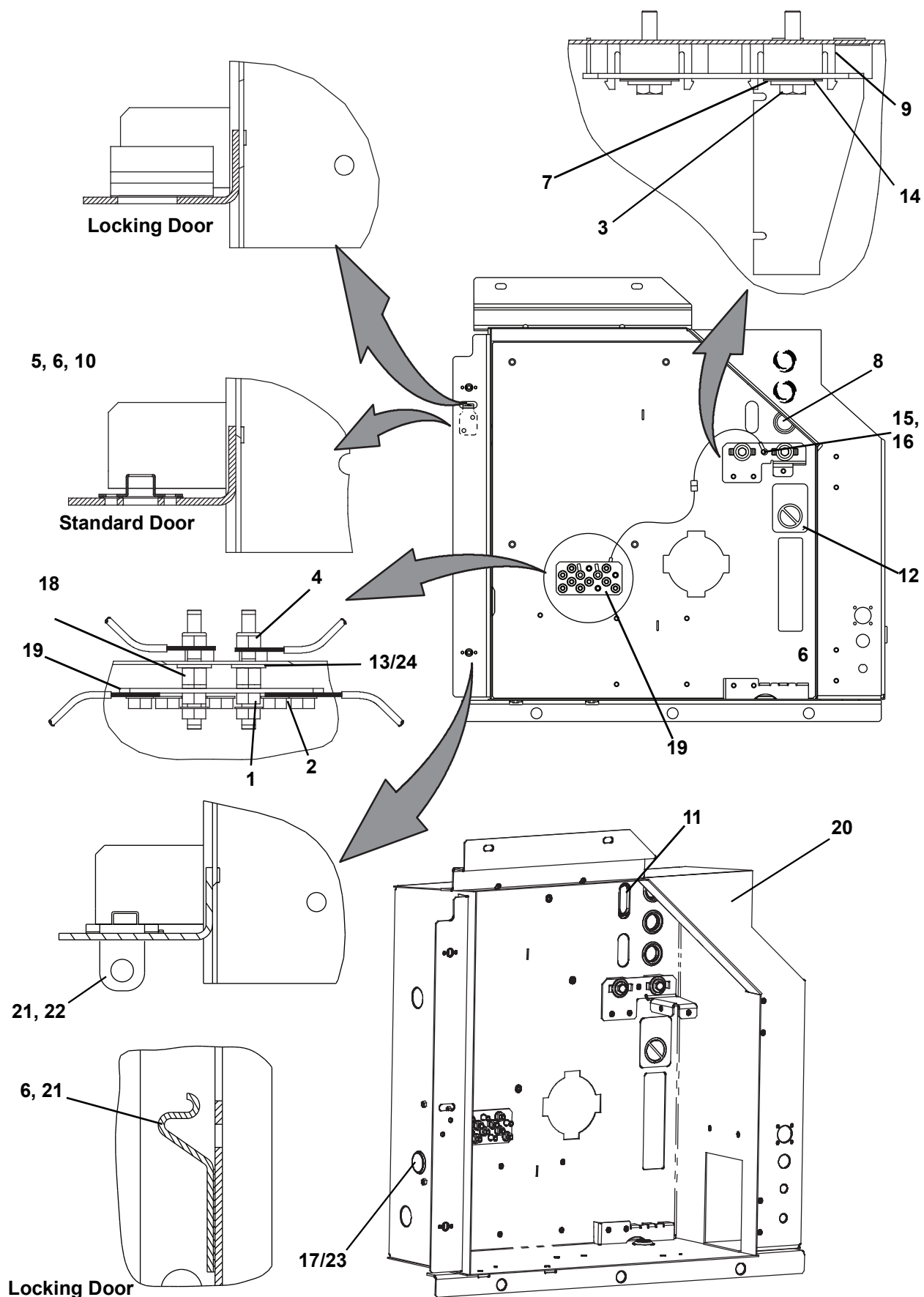
4 UPPER FRESH AIR - VPS PANEL			
17	66U-2552-185	Gasket	1
18	66U-1-5321-13	Washer, Plain	1
19	66-1-5362-2	Nut, Wing	1
20	66U-1-5562-2	Plug, Button	1
21	66CH-1-1002-33	Label	1
22	68-12933-00	Disc	1
23	68-12940-00	Cover	1

5 BACK PANEL KIT



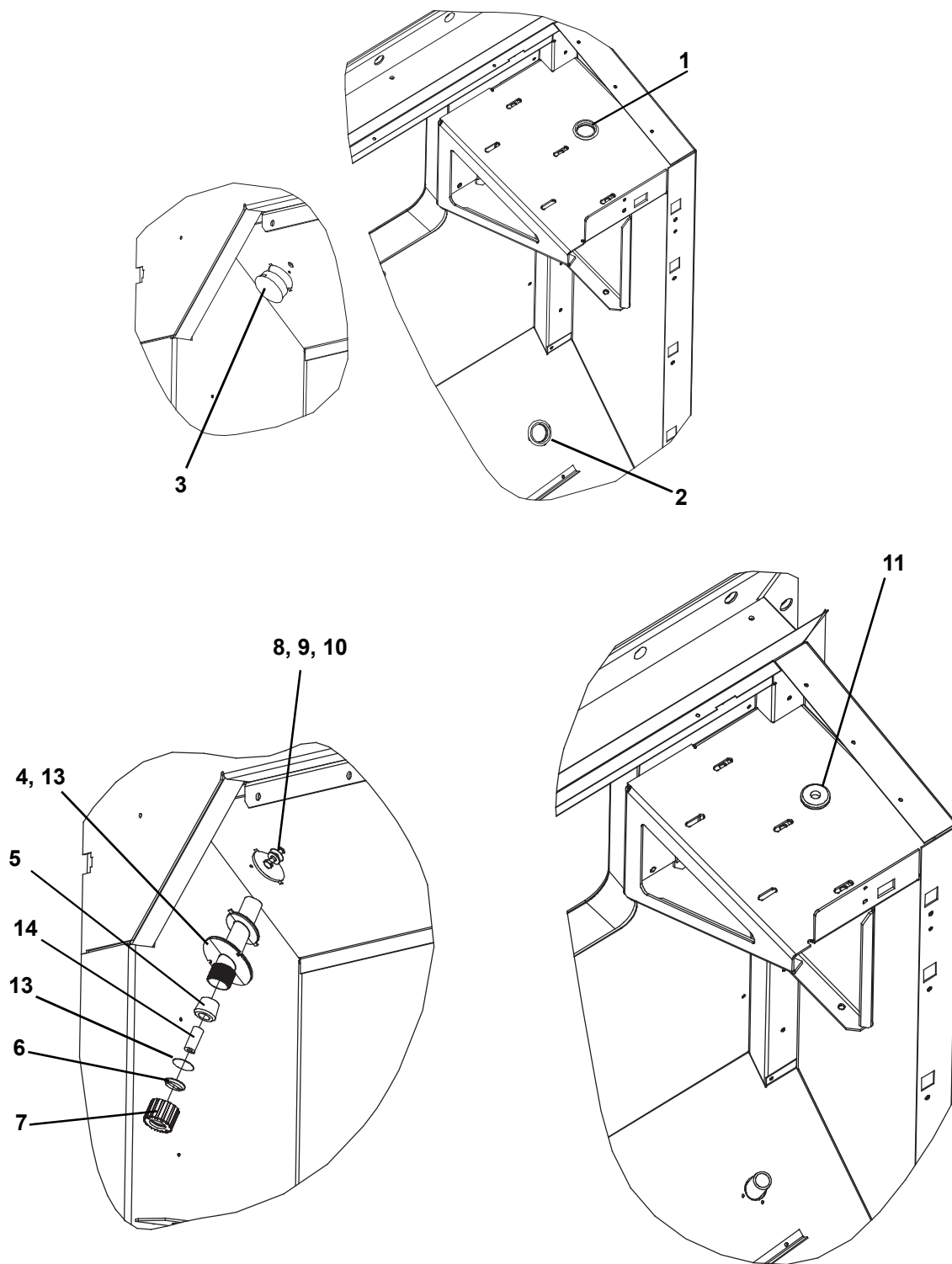
5 BACK PANEL KIT			
Item	Part Number	Description	Qty
1	68-17336-00	Panel, Back	1
2	68-17338-00	Lower Panel, Back	1
3	79-04143-01	Lower Back Panel Assembly Hinged Includes	1
4	34-00928-04	Rivet, Blind	6
5	34-00928-20	Rivet, Blind	6
6	34-01150-04	Stud, Captive	2
7	34-01150-30	Washer, Lock	2
8	34-01150-31	Receptacle	2
9	66U1-2803-11	Hinge	1
10	68-17336-01	Panel, Back	1
11	68-17719-00	Door, Access	1
12	69NT35-3286-1	Plate	1
13	69NT35-3296	Plate	1
14	69NT35-7662-4	Spacer, Hinge	1
15	66U1-2593-4	Gasket, "V" Type	2
16	69NT35-2692	Washer, Fender #10- .993- 1.015 OD	20
17	66U1-2403	Screw, Machine #10- 24 X .500 Sltd	20
18	79-04045-00	Upper Back Panel Assembly Includes:	1
19	34-00928-20	Rivet, Blind	6
20	68-17293-00	Panel Assembly, Back	1
21	42-00174-34	Gasket	1
22	42-00334-00	Gasket	1
23	68-17337-00	Shield, Heat	1
24	42-00174-110	Gasket	1
25	42-00174-111	Gasket	2
26	42-00174-116	Gasket	1
27	79-04045-03	Upper Panel Assembly, Back Hinged Include:	1
28	34-00928-20	Rivet, Blind	20
29	34-01150-03	Stud, Captive	6
30	34-01150-06	Stud, Captive	7
31	34-01150-30	Washer, Lock	13
32	42-00174-34	Gasket	1
33	42-00334-00	Gasket	1
34	66-U---1--2403	Screw	8
35	68-14124-01	Gutter	2
36	68-17293-03	Panel	1
37	68-17720-00	Panel, Access	2
38	79-66729-01	Shield Assembly includes:	1
39	42-00174-110	Gasket	1

5 BACK PANEL KIT			
40	42-00174-111	Gasket	2
41	42-00174-117	Gasket	1
42	42-00174-118	Gasket	1
43	42-00174-119	Gasket	1
44	42-00174-120	Gasket	1
45	42-00174-121	Gasket	1
46	NSS	Weld Assy	1
47	34-00655-04	Screw, Cap Hex Head 1/4- 20 X 0.50	2
48	66U1-5321-3	Washer, Plain 1/4 N Type A	2
49	68-17175-00	Bracket 0.188 Thick Aluminum	1



6 BOX PREP KIT			
Item	Part Number	Description	Qty
1	--AT--39JA-171	Nut, Hex	13
2	--AU--27JR-171	Washer, Lock	11
3	34-00655-10	Screw, Cap Hex Head	2
4	34-00667-11	Nut, Self Lock	2
5	34-00928-01	Rivet, Blind	4
6	34-01142-01	Receptacle	2
7	34-06053-03	Washer	4
8	58-00701-03	Plug, Button	3
9	58-00967-00	Spacer	2
10	58-04026-32	Protector	2
11	58-04680-00	Plug, Button	1
12	62-10911-00	Label, Warning	1
13	66U-1-5321-3	Washer, Plain	2
14	66U-1-5321-7	Washer, Plain	2
15	66U-1-5321-8	Washer, Plain	1
16	66U-1-5371-7	Screw, Mach Hex Head	1
17	66U-1-5562-7	Plug, Button	1
18	66U-1-9592-13	Standoff	2
19	68-86230-00	Strap Assembly	1
20	79-66720-04	Controller Box	1
Locking Door Option			
21	34-00667-09	Nut, Self Lock	2
22	58-04910-09	Protector	1
23	66-U---1--5562-7	Plug, Button	1
24	66-U---1--9592-13	Standoff	2

7 BULKHEAD PENETRATION - UPPER AIR EXCHANGE



No Recorder, No Transfresh

Item	Part Number	Description	Qty
1	66U1-5562-12	Plug, Button 1.25 Diameter Hole	1
2	66U1-5562-2	Plug, Button 1.25 Diameter Hole	1
3	58-00616-00	Plug, Hole 2.00 Diameter X 0.12	1

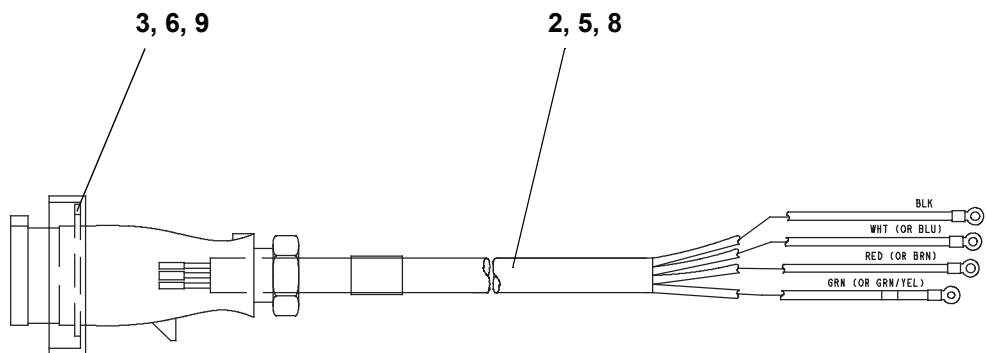
7 BULKHEAD PENETRATION - UPPER AIR EXCHANGE**Recorder Provision**

4	58-04290-01	Fitting Bulkhead	1
5	22-01602-02	Bushing	1
6	22-01602-03	Ring	1
7	22-01733-01	Nut	1
8	34-06154-03	Screw, Cap Hex Head 1/4- 20 X 1.00	1
9	34-06053-00	Washer 0.250 ID X 0.800 OD	1
10	66U1-5321-7	Washer, Plain 1/4 W Type A	1
11	66U1-5562-12	Plug, Button	1
12	69NT35-8258	Disc	1
13	34-00928-20	Rivet, Blind .1	5
14	58-04302-01	Grommet	1

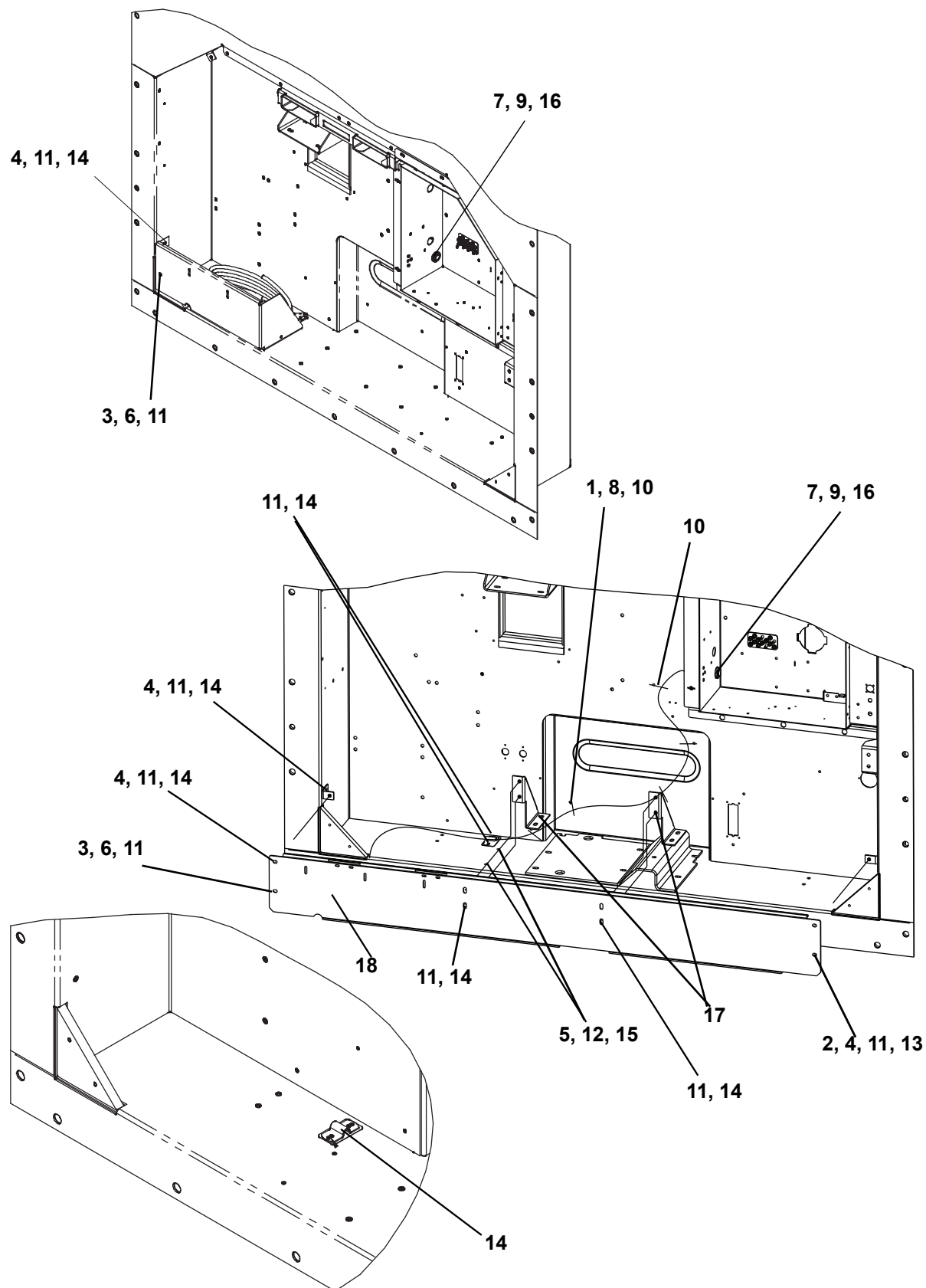
Transfresh Installed

4	58-04290-01	Fitting Bulkhead	1
5	22-01602-02	Bushing	1
6	22-01602-03	Ring	1
7	22-01733-01	Nut	1
8	34-06154-03	Screw, Cap Hex Head 1/4- 20 X 1.00	1
9	34-06053-00	Washer 0.250 ID X 0.800 OD	1
10	66U1-5321-7	Washer, Plain 1/4 W Type A	1
11	66U1-5562-12	Plug, Button	1
13	34-00928-20	Rivet, Blind 0.1	5
14	58-04302-01	Grommet	1

8 CABLE ASSEMBLY

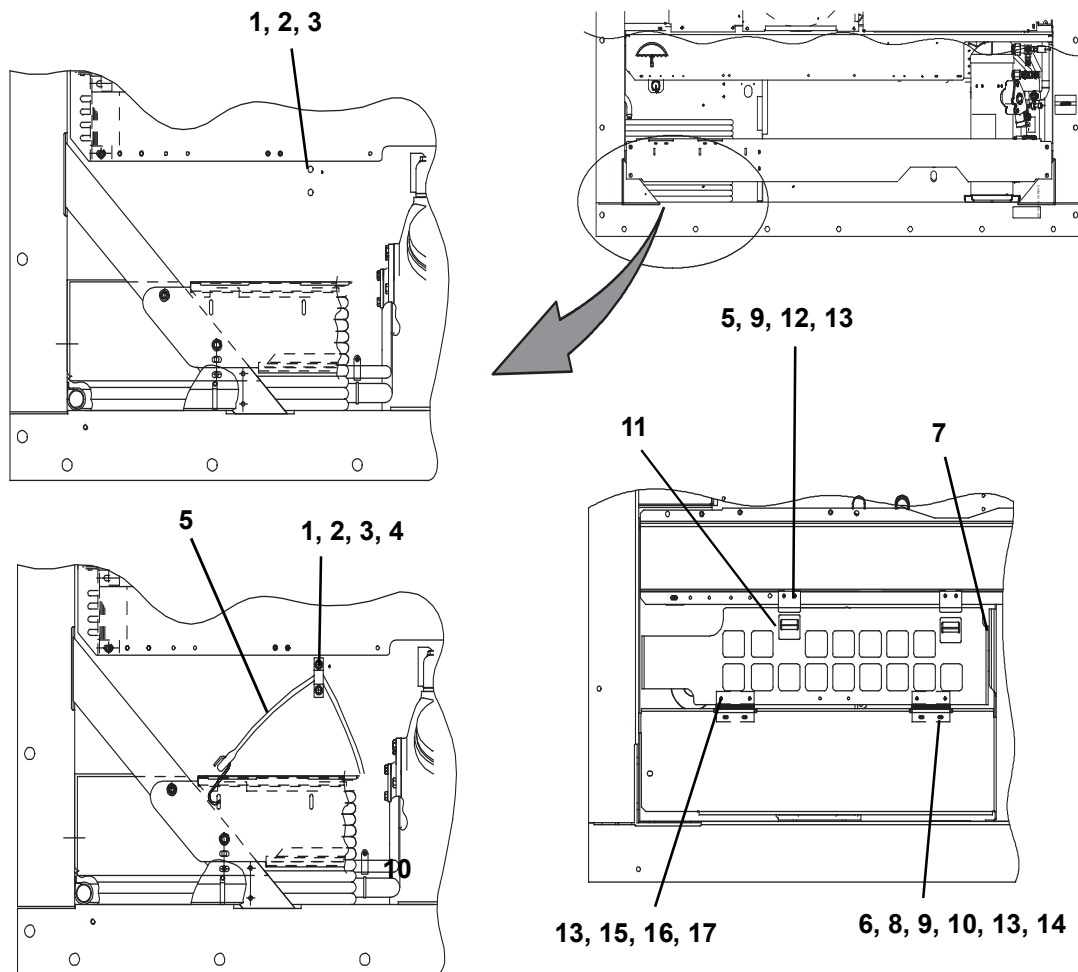


Item	Part Number	Description	Qty
1	22-01879-33	Cable Assembly 6.33 ft	
2	22-66651-00	Cable	AR
3	22-02378-00	Plug	1
4	22-01879-59	Cable Assembly 63 ft	
5	22-66651-00	Cable	AR
6	22-02378-00	Plug	1
7	22-01879-68	Cable Assembly 8 ft	
8	22-66651-00	Cable	AR
9	22-02378-00	Plug	1



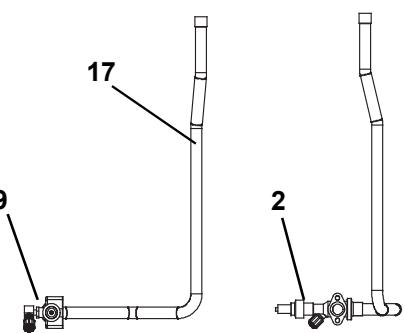
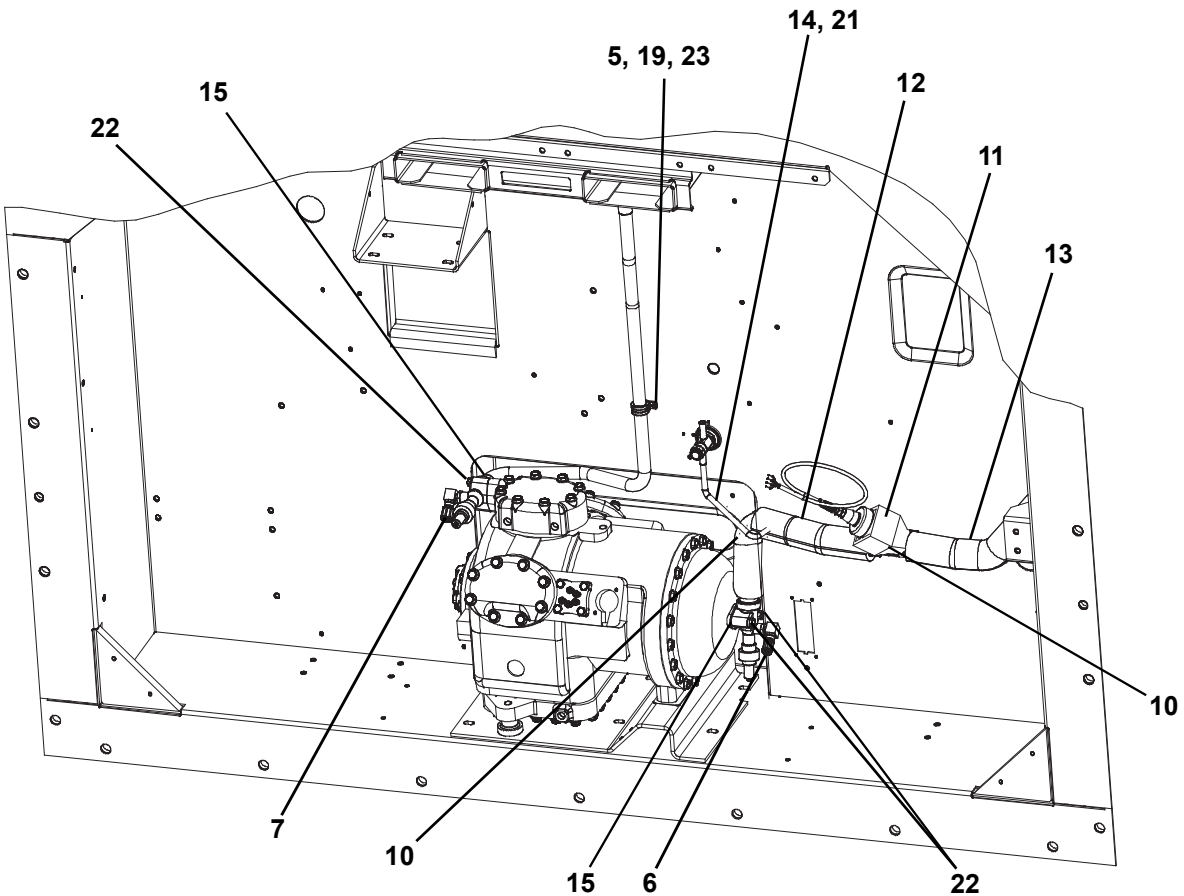
9 CABLE			
Item	Part Number	Description	Qty
1	34-00663-09	Washer, Lock	3
2	34-00667-11	Nut, Self Lock	1
3	34-00792-07	Screw, Cap Hex Head	1
4	34-06053-00	Washer	5
5	34-06053-05	Washer	2
6	34-06053-15	Washer	5
7	34-06136-01	Nut, Lock	1
8	58-04246-00	Ty-Rap Base	3
9	66-U---1--1251-2	O-Ring	1
10	66-U---1--3882	Wire Tie	4
11	66-U---1--5321-7	Washer, Plain	12
12	66-U---1--5321-8	Washer, Plain	2
13	66-U---1--5361-11	Screw, Cap Hex Head	1
14	66-U---1--5361-25	Screw, Cap Hex Head	10
15	66-U---1--5371-6	Screw, Mach Hex Head	5
16	66-U---1--7352-3	Connector	1
17	68-13576-00	Bracket	2
18	68-17508-00	Guard	1
19	68-17509-00	Bracket	2

10 CABLE RESTRAINT COMPONENTS

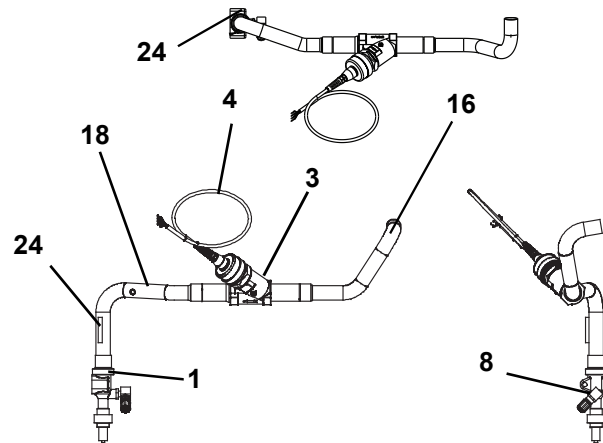


Item	Part Number	Description	Qty
1	66U1-5321-7	Washer, Flat, 1/4, SST	2
2	66U1-5361-25	Screw, Captive, Hex Head, 1/4- 20 X 0.75 Inches Long, SST	2
3	34-06053-03	Washer, Mylar, 0.25 ID X 1.00 OD	2
Left Bungy W/Guard Extension			
4	69NT35-5992	Strap 16 Gage	1
5	66U1-2603	Strap, Tie Down	1
Extended Cable Door			
6	66U1-5321-8	Washer, Plain #10 Type A	8
7	68-86255-00	Cover	1
8	66U1-5331-3	Washer, Lock #10 Spring	6
9	66U1-2403	Screw, Machine #10- 24 X 0.500 Slotted	8
10	34-01167-01	Nut, Retainer #10- 24 X 1.75	2
11	44-00401-00	Latch, Door Spring Loaded	2
12	68-13707-02	Latch	2
13	34-06053-05	Washer 0.205 ID X 0.600 OD	12
14	58-04001-01	Protector	2

10 CABLE RESTRAINT COMPONENTS			
15	44-00409-00	Hinge	2
16	58-04001-02	Protector	2
17	34-00928-13	Rivet, Blind	4

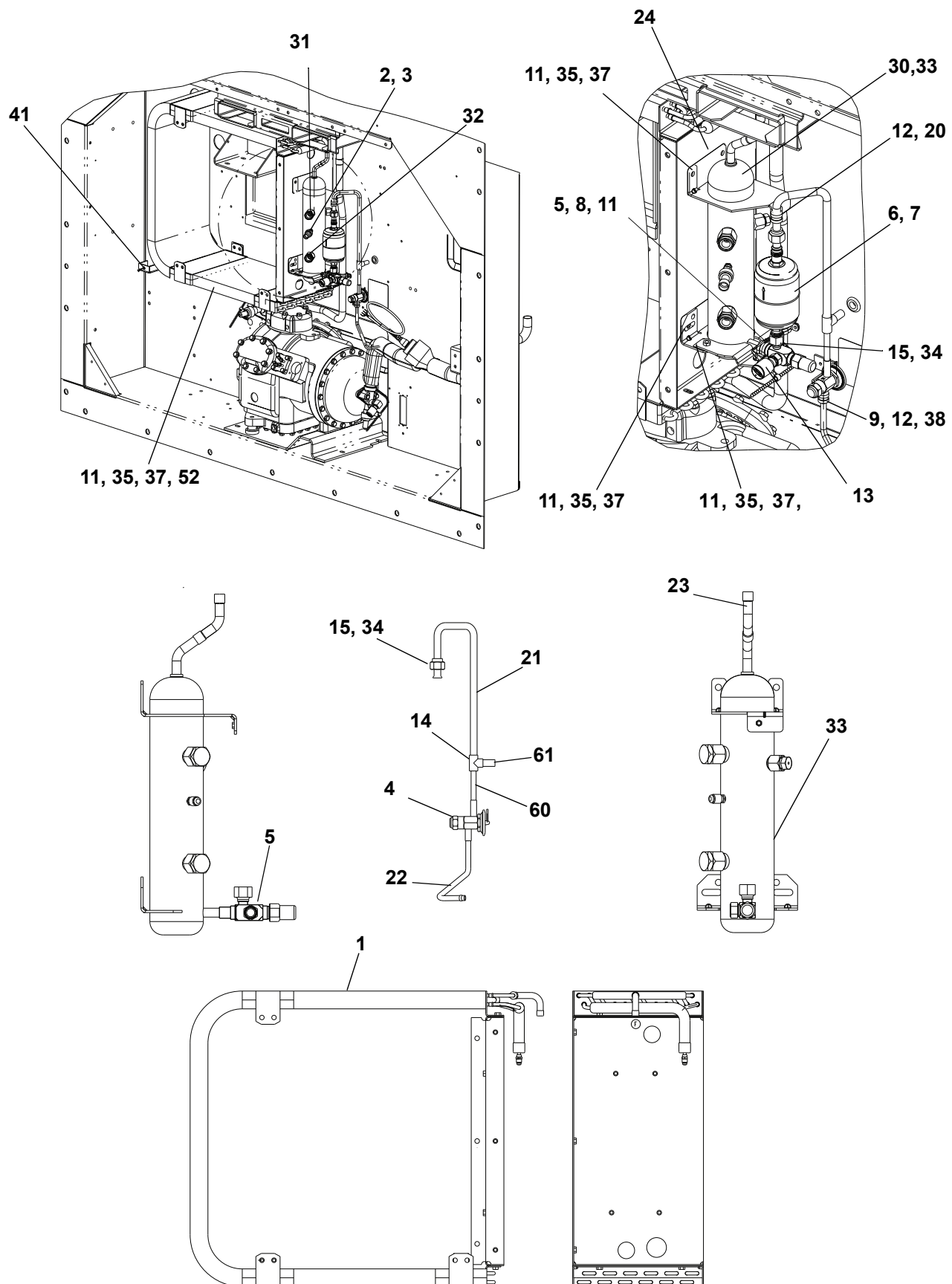


Discharge Line Assembly

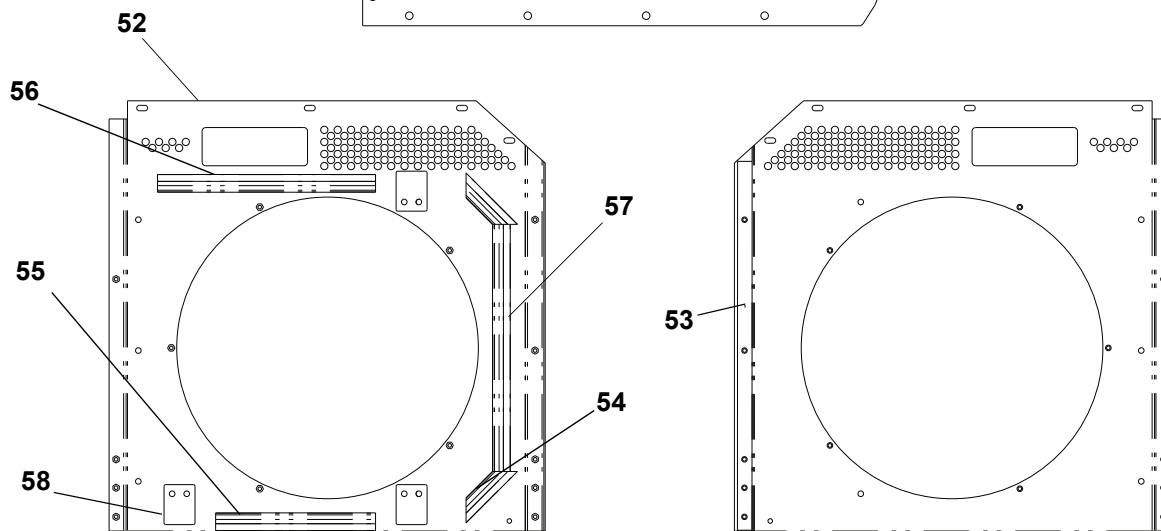
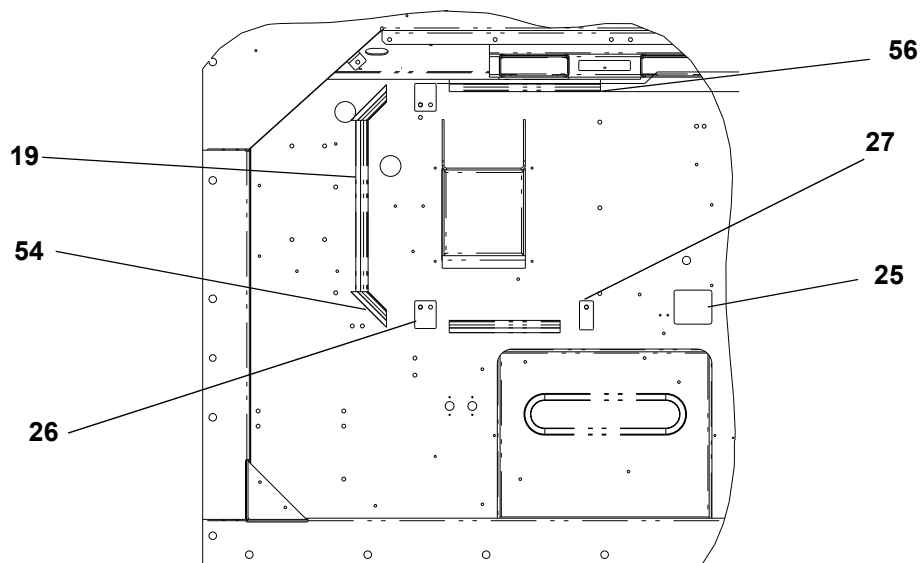
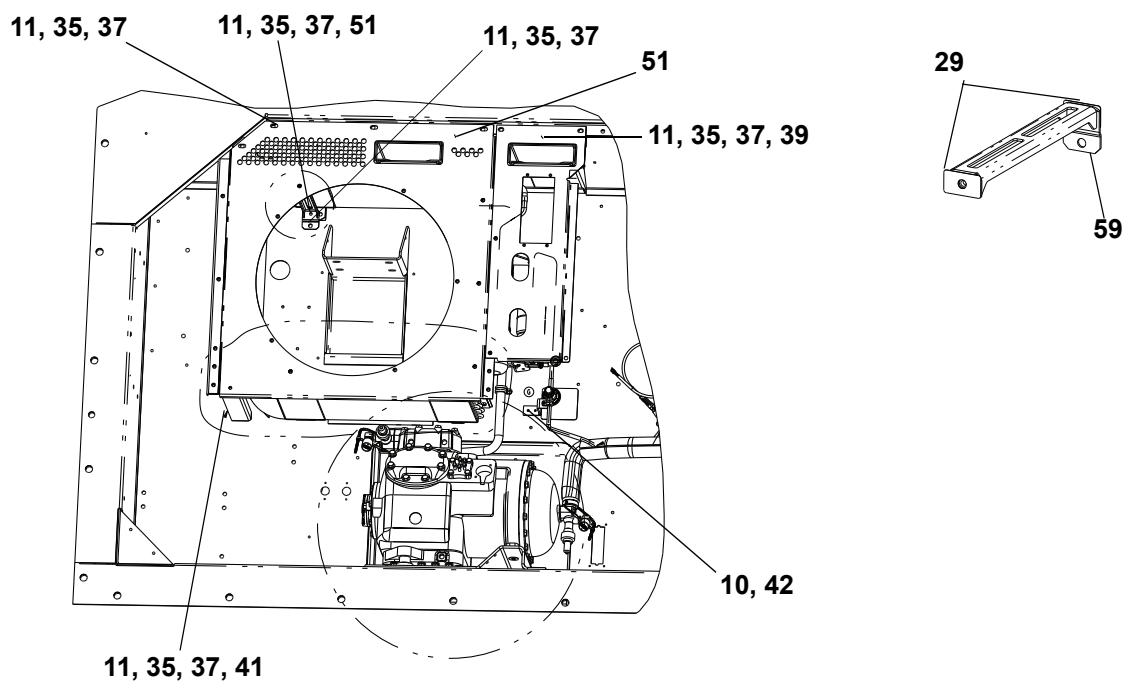


Suction Line Assembly

11 COMPRESSOR TUBE KIT			
Item	Part Number	Description	Qty
1	14-00206-00	Valve, Service	1
2	14-00206-01	Valve, Service	1
3	14-00353-04	Valve	1
4	14-00353-20	Piston Motor Assembly	1
5	34-06053-03	Washer	1
6	40-00520-02	Cap	1
7	40-00520-03	Cap	1
8	40-00542-00	Elbow Adapter	1
9	40-00542-01	Elbow Adapter	1
10	42-00032-11	Insulation	6
11	42-00032-12	Insulation	5
12	42-00425-116	Insulation, Tube	1
13	42-00425-128	Insulation, Tube	1
14	42-00425-129	Insulation, Tube	1
15	42-66644-00	Gasket, Suction	2
16	56-08969-00	Tube, Suction	1
17	56-09024-00	Tube, Discharge	1
18	56-66743-00	Tube, Suction	1
19	66-U-1-3632-20	Clamp, Tube	1
20	66U-1-3882	Wire Tie	6
21	66-U-1-3882-3	Wire Tie	5
22	66U-1-5361-46	Screw, Cap Hex Head	4
23	66U-1-5371-6	Screw, Mach Hex Head	1
24	99TS0528CK002000	Tube	1

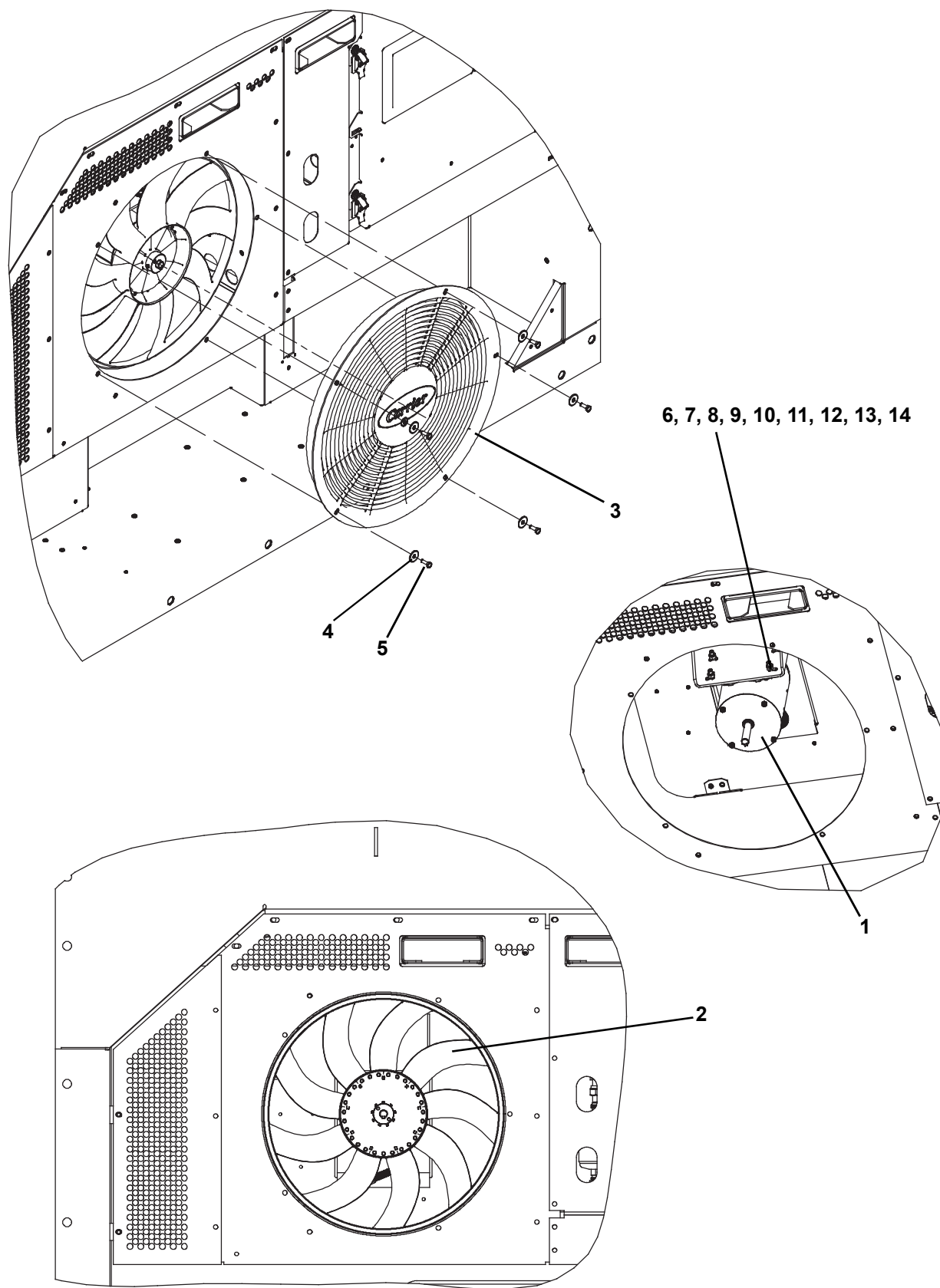


12 CONDENSER KIT

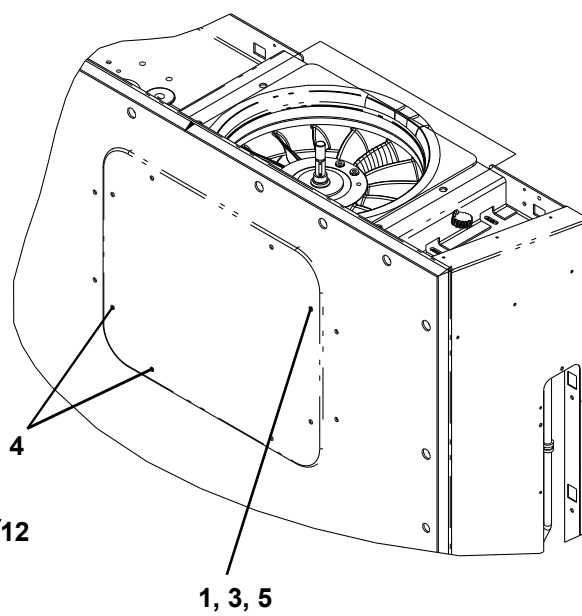
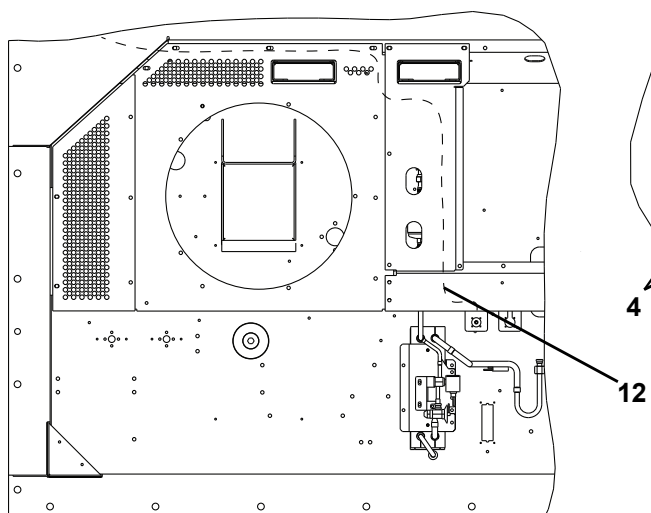
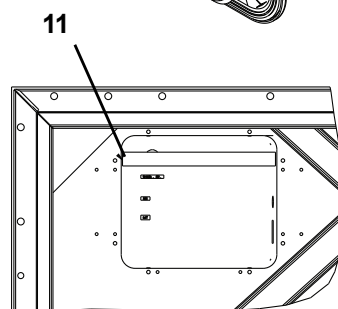
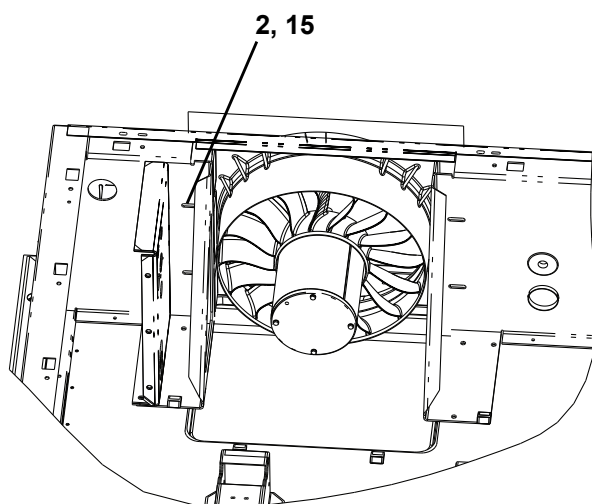
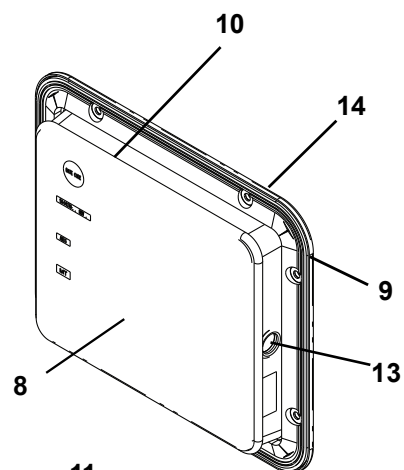
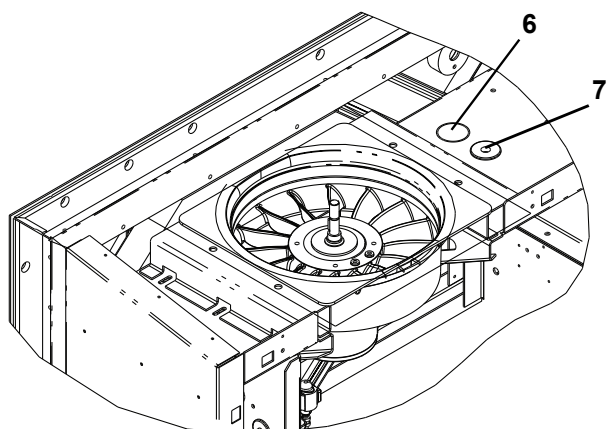


12 CONDENSER KIT			
Item	Part Number	Description	Qty
1	81-04203-20	Coil Assembly, Condenser	1
2	EC39DM062	Check Valve	1
3	12-00352-00	Transducer	1
4	14-00212-06	Valve, Expansion	1
5	14-00222-02	Valve	1
6	14-00284-20	O-Ring	2
7	14-00341-04	Filter Drier	1
8	34-00373-07	Clamp, Tube	1
9	34-00373-54	Clamp, Tube	1
10	34-00928-09	Rivet, Blind	2
11	34-06053-00	Washer	31
12	34-06053-05	Washer	5
13	40-00520-01	Coupling	1
14	40-66620-03	Tee, Reducing	1
15	42-00032-13	Insulation	2
16	42-00784-00	Gasket	2
17	42-00784-01	Gasket	1
18	42-00784-02	Gasket	1
19	42-00784-03	Gasket	1
20	44-00370-03	Clamp, Cushioned	1
21	56-08954-00	Tube Assembly	1
22	56-08955-00	Tube	1
23	56-09146-00	Tube, Liquid	1
24	58-04026-23	Protector	1
25	58-04026-52	Protector	1
26	58-04910-02	Protector	2
27	58-04910-03	Protector	1
28	58-04910-04	Protector	2
29	58-04910-05	Protector	2
30	79-66714-01	Receiver Assembly, Includes	1
31	14-00220-04	Sight Glass	1
32	14-00221-04	Indicator	1
33	65-66607-02	Receiver Assembly	1
34	66U-1-3882	Wire Tie	4
35	66U-1-5321-7	Washer, Plain	30
36	66U-1-5321-8	Washer, Plain	3
37	66U-1-5361-25	Screw, Cap Hex Head	30
38	66U-1-5371-6	Screw, Machine Hex Head	6
39	68-16823-00	Cover	1

12 CONDENSER KIT			
40	68-16864-00	Bracket	1
41	68-17196-00	Bracket	1
42	69NT-43-420	Bracket Assembly	1
43	79-04055-03	Cover Assembly, Includes:	1
44	68-17290-00	Cover	1
45	42-00465-01	Gasket	1
46	42-00784-00	Gasket	2
47	42-00784-01	Gasket	1
48	42-00784-02	Gasket	1
49	42-00784-03	Gasket	1
50	58-04910-02	Protector	3
51	79-04055-03	Cover Assembly, Latched Includes:	1
52	68-17290-03	Cover	1
53	42-00465-01	Gasket	1
54	42-00784-00	Gasket	2
55	42-00784-01	Gasket	1
56	42-00784-02	Gasket	1
57	42-00784-03	Gasket	1
58	58-04910-02	Protector	3
59	86-04994-00	Bracket	1
60	99TS0628CK002500	Tube, Straight	1
61	99TS0835CK001200	Tube	1

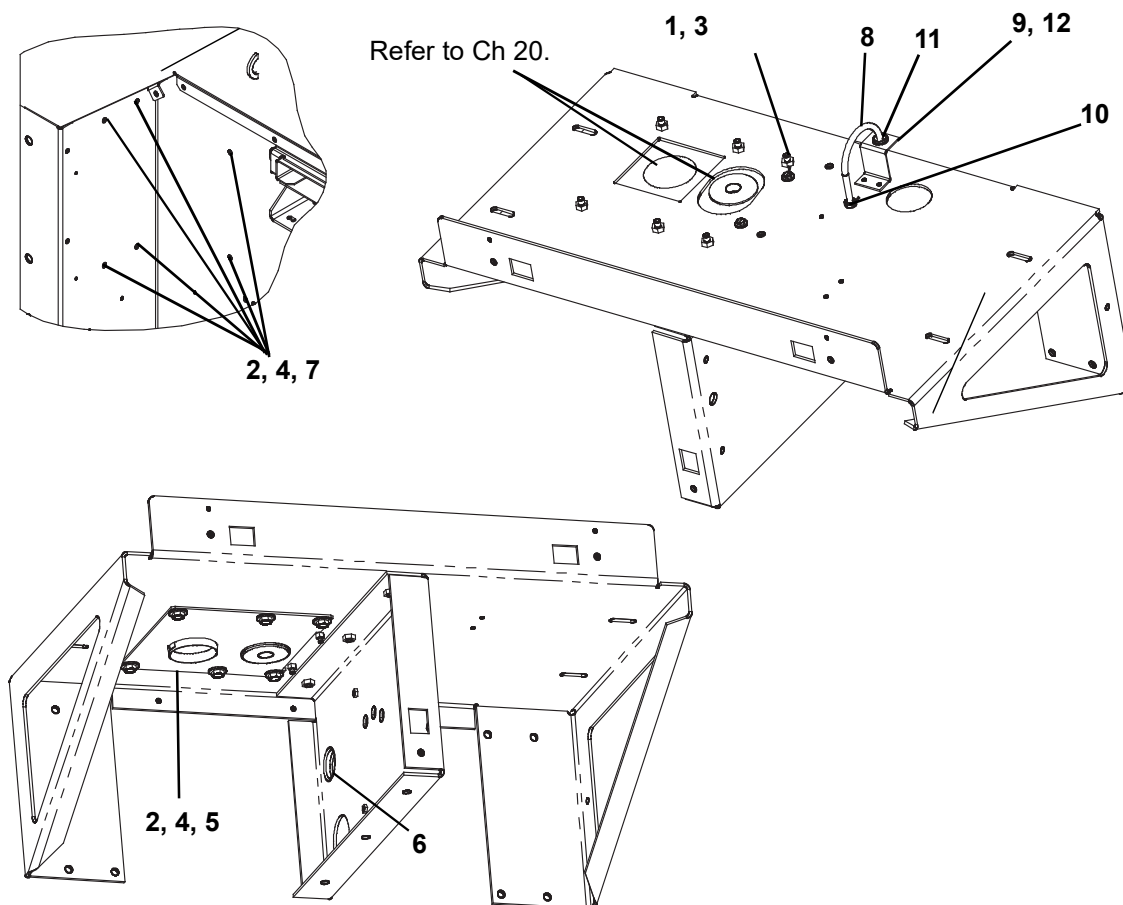


13 CONDENSER FAN KIT			
Item	Part Number	Description	Qty
1	54-00655-20	Condenser Fan Motor	1
2	38-00620-01	Condenser Fan Assembly	1
3	58-04980-00SV	Condenser Grill Includes	1
4	69NT35-2692-1	Washer, Fender	5
5	66-U---1--5361-25	Screw, Cap Hex Head	5
6	34-00667-12	Nut, Self Lock	4
7	34-01181-01	Washer, Flat	8
8	34-06053-02	Washer	4
9	58-04026-113	Protector	2
10	66-U---1--5361	Screw, Cap Hex Head	4
11	69NT--35--3452	Shim	1
12	69NT--35--3452-1	Shim	1
13	69NT--35--3452-2	Shim	1
14	69NT--35--3452-3	Shim	1

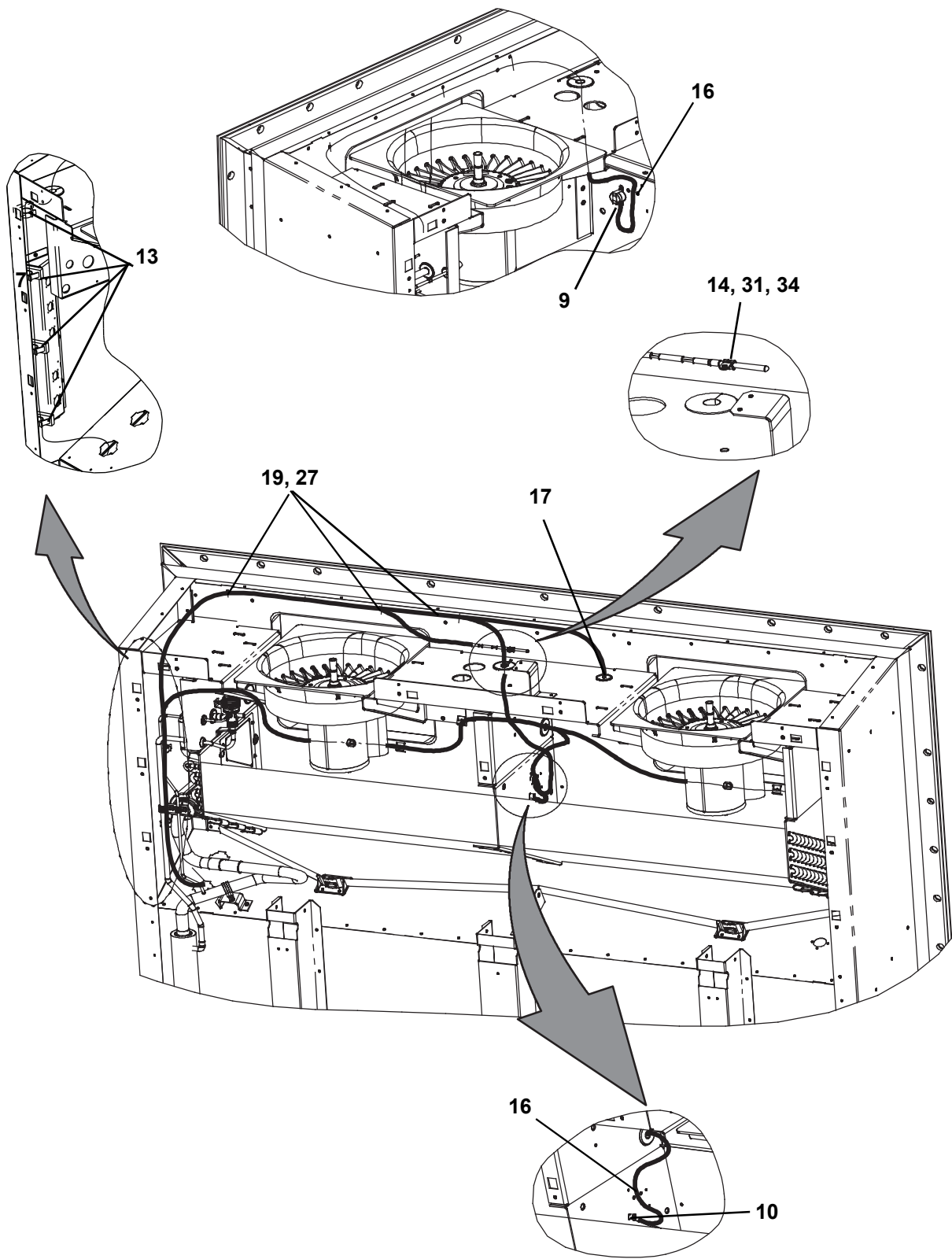


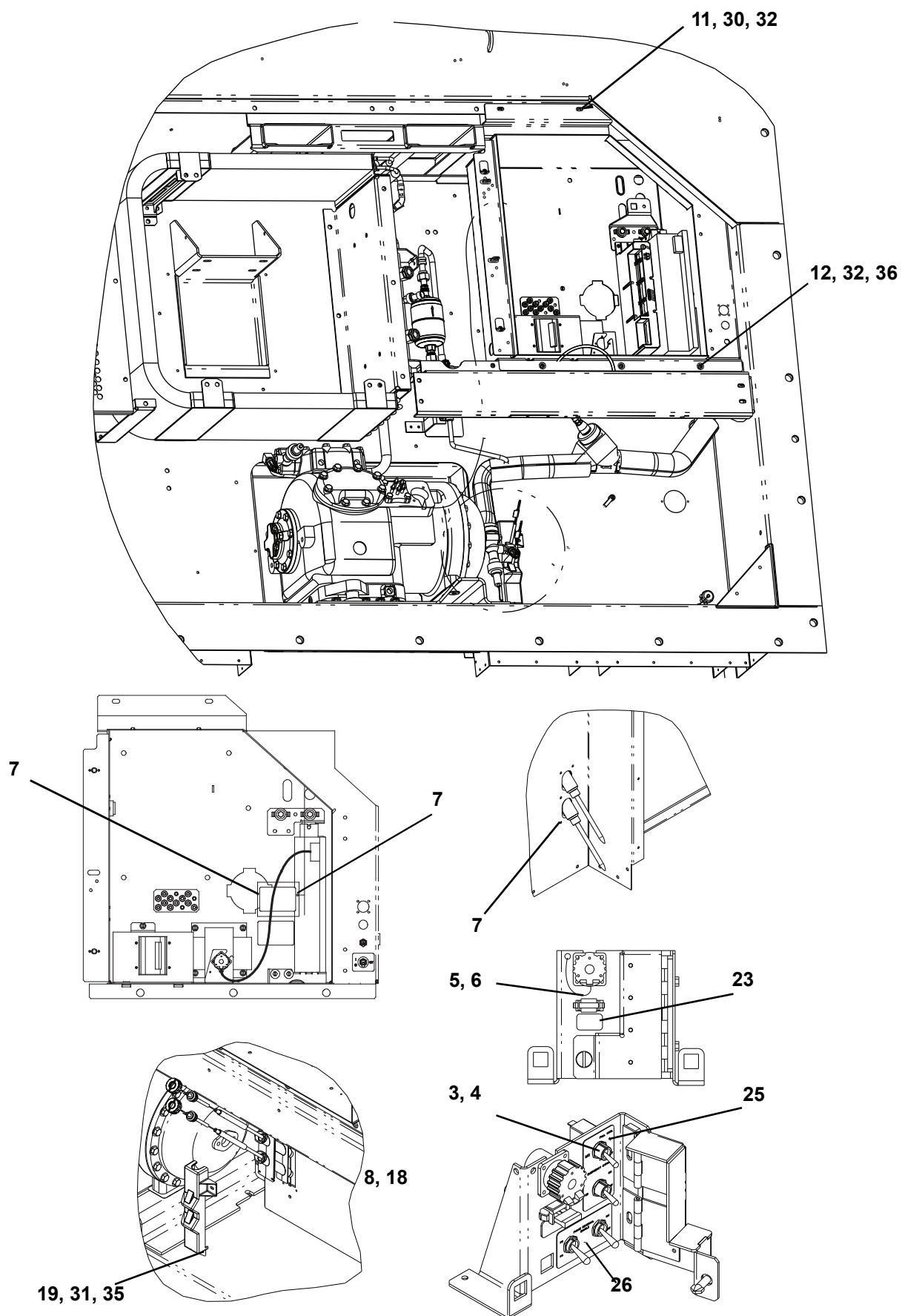
14 TRANSFRESH KIT			
Item	Part Number	Description	Qty
1	34-00655-08	Screw, Cap Hex Head	10
2	34-00663-11	Washer, Lock	4
3	34-06053-13	Washer	8
4	34-06154-00	Screw, Cap Hex Head	2
5	34-06212-12	Washer, Plain	8
6	58-00616-00	Plug, Hole	1
7	58-00616-07	Plug, Hole	1
8	79-01697-06SV	Panel, Access includes:	1
9	42-00327-00	Gasket	1
10	42-00296-01	Gasket	1
11	66U-1-2552-185	Gasket	1
12	66U-1-3882	Wire Tie	5
13	66U-1-5562-2	Plug, Button	1
14	68-11989-00	Cover, Top	1
15	69NT-35-2692-1	Washer, Fender	4

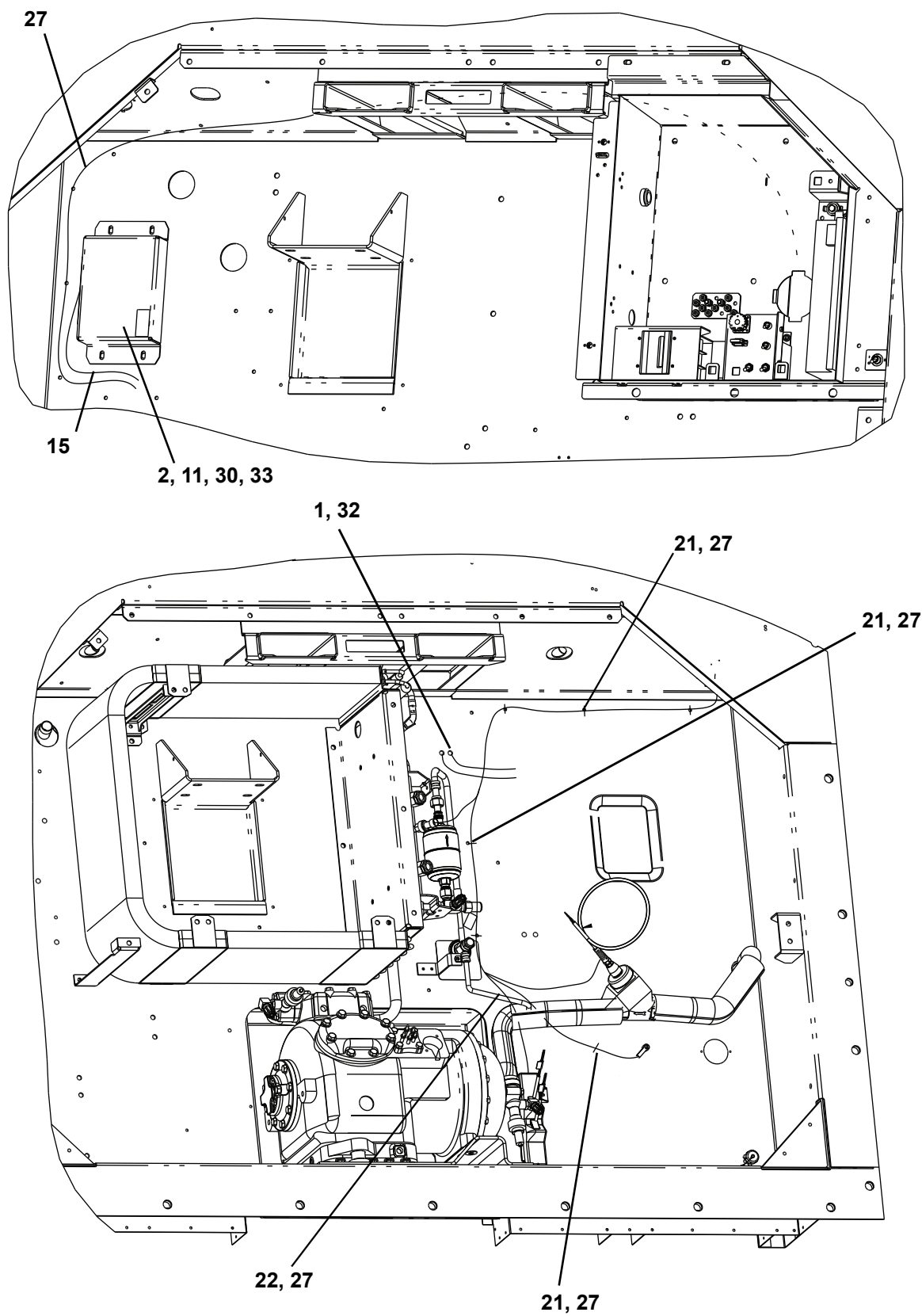
15 EVERFRESH PANEL ASSEMBLY



Item	Part Number	Description	Qty
Everfresh Kit, Basic Provision			
1	66U1-5321-8	Washer, Plain #10 Type A	2
2	66U1-5361-25	Screw, Cap Hex Head 1/4- 20 X 0.75	6
3	66U1-5371-6	Screw, Machine Hex Head #10- 24 X 0.750	2
4	66U1-5321-7	Washer, Plain 1/4 W Type A	6
5	68-17420-00	Plate, Cover	1
6	66U1-5562-12	Plug, Button	1
Everfresh Kit, Full Provision (Basic Provision Plush the Following)			
7	34-06053-00	Washer .250 ID X .800 OD	6
8	58-04497-01	Tube 1/4" OD X 6.25"	1
9	68-14739-00	Bracket	1
10	40-00640-00	Union, Bulkhead	1
11	58-00065-84	Grommet	1
12	34-00928-20	Rivet, Blind	2

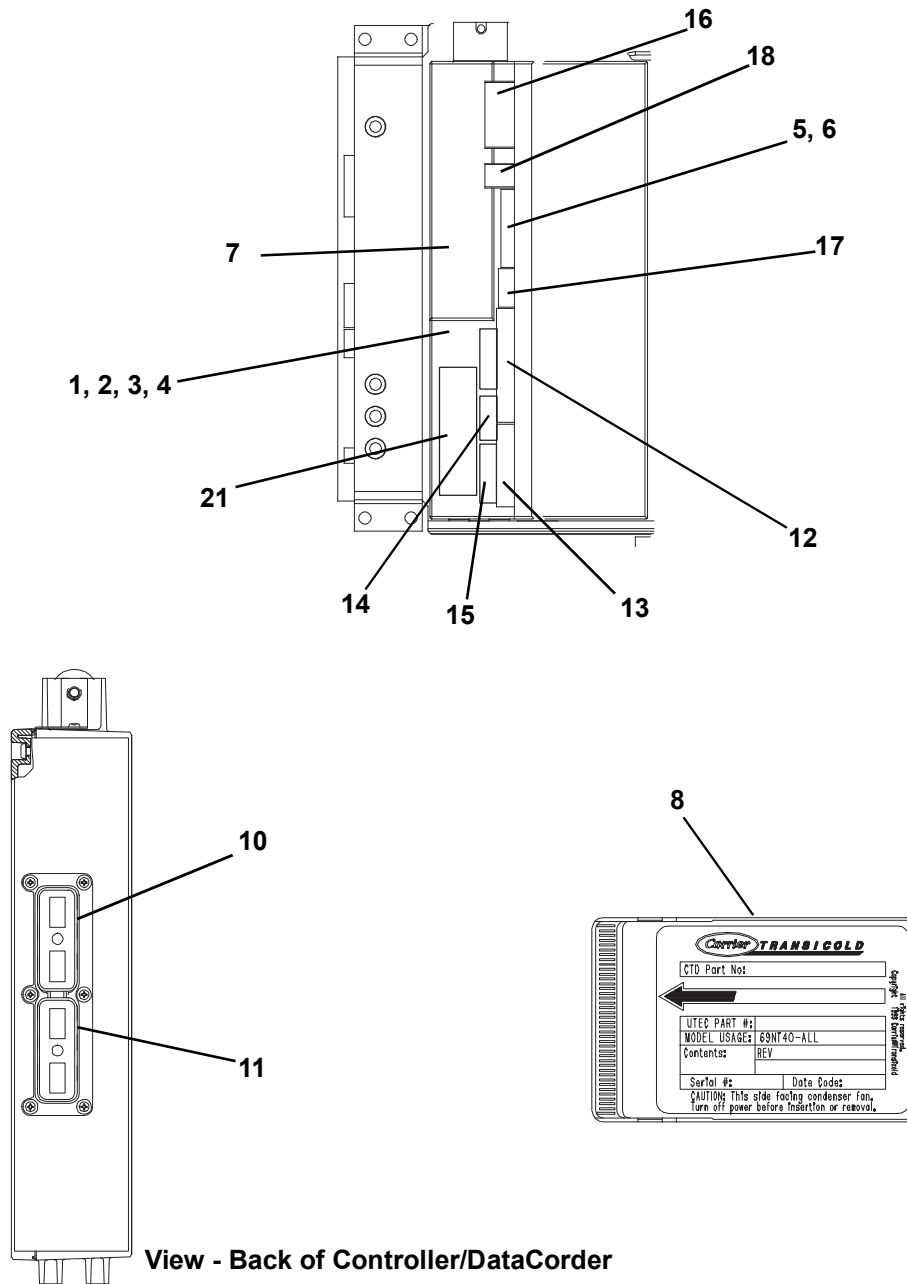






16 CONTROLLER KIT			
Item	Part Number	Description	Qty
1	--AU--27JR-171	Washer, Lock	2
2	10-00446-01	Module	1
3	10-01129-15	Switch, Toggle	1
4	10-01129-20	Nut, Hex	4
5	22-01455-03	Holder Assembly	1
6	22-02336-04	Fuse	1
7	34-00928-04	Rivet, Blind	6
8	34-00928-20	Rivet, Blind	4
9	34-01178-22	Screw, Tc Hex Head	2
10	34-01178-23	Screw, Tc Hex Head	1
11	34-06053-00	Washer	7
12	34-06053-03	Washer	3
13	44-00361-00	Clip, Retaining	4
14	44-01041-04	Clamp, Cushioned	1
15	58-00906-24	Tube, Slit	1
16	58-00969-00	Wire Tie	1
17	58-04273-00	Grommet	2
18	58-04276-00	Holder	1
19	58-04279-00	Cover	1
20	58-04315-00	Base, Mounting	5
21	58-04316-00	Base, Mounting	10
22	58-04321-24	Tube, Slit	1
23	62-10783-03	Label	1
24	62-11270-20	Label, Warning	1
25	62-66096-02	Label	1
26	62-66096-03	Label	1
27	66U-1-3882	Wire Tie	34
28	66U-1-3882-2	Wire Tie	4
29	66U-1-3882-3	Wire Tie	4
30	66U-1-5321-7	Washer, Plain	7
31	66U-1-5321-8	Washer, Plain	2
32	66U-1-5361-25	Screw, Cap Hex Head	8
33	66-U---1--5371-14	Screw, Mach Hex Head	4
34	66U-1-5371-6	Screw, Mach Hex Head	2
35	66U-1-5371-7	Screw, Mach Hex Head	2
36	69NT-35-2692-1	Washer, Fender	3

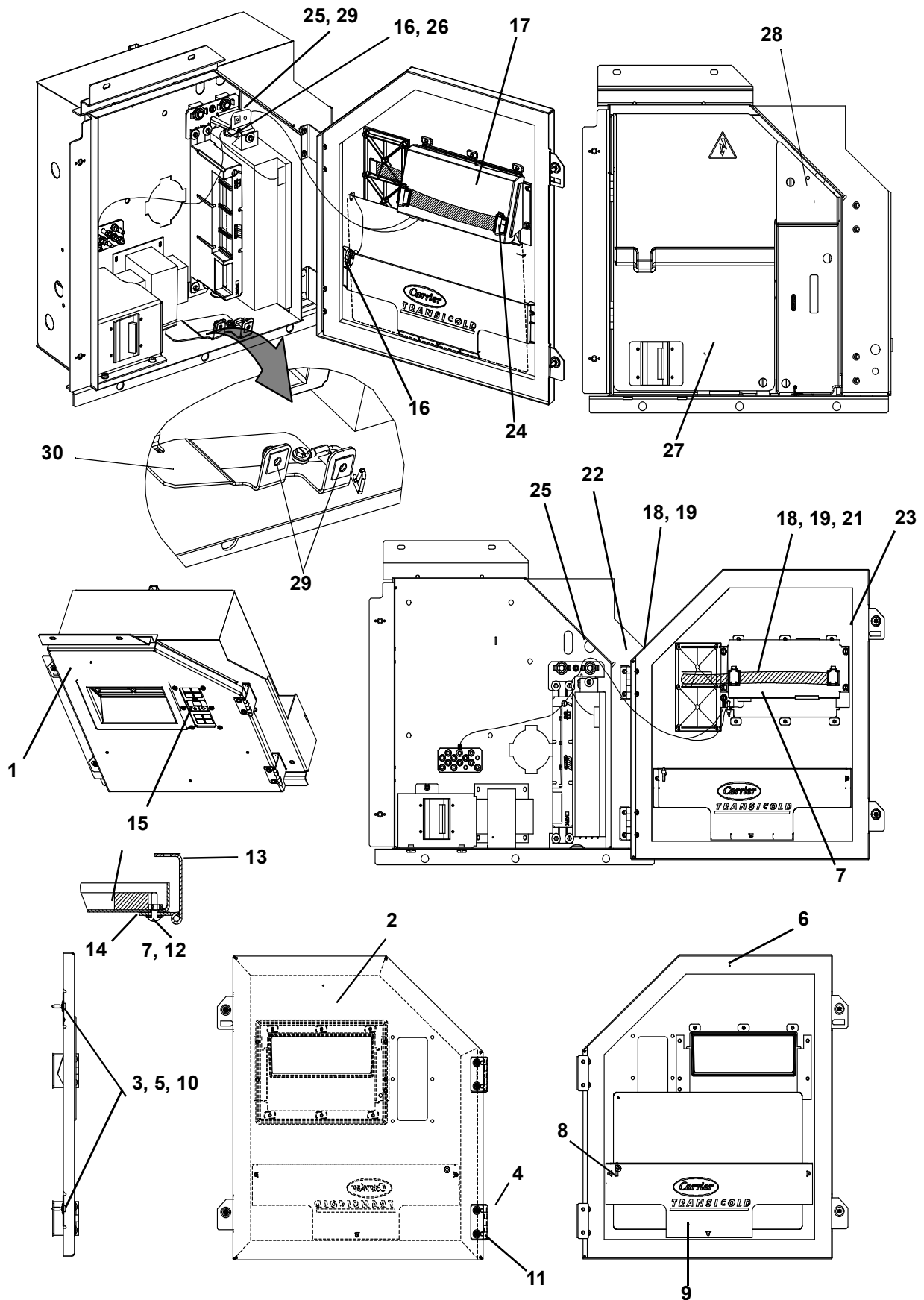
17 CONTROLLER MODULE SECTION AND SOFTWARE CARDS



Item	Part Number	Description	Qty
1	12-55011	Controller/DataCORDER Module - Includes:	1
2	66U1-5371-7	Screw, Hex Head, #10- 24 X 1/2 Inches 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 Operation Software Card (Latest version will be supplied)	1

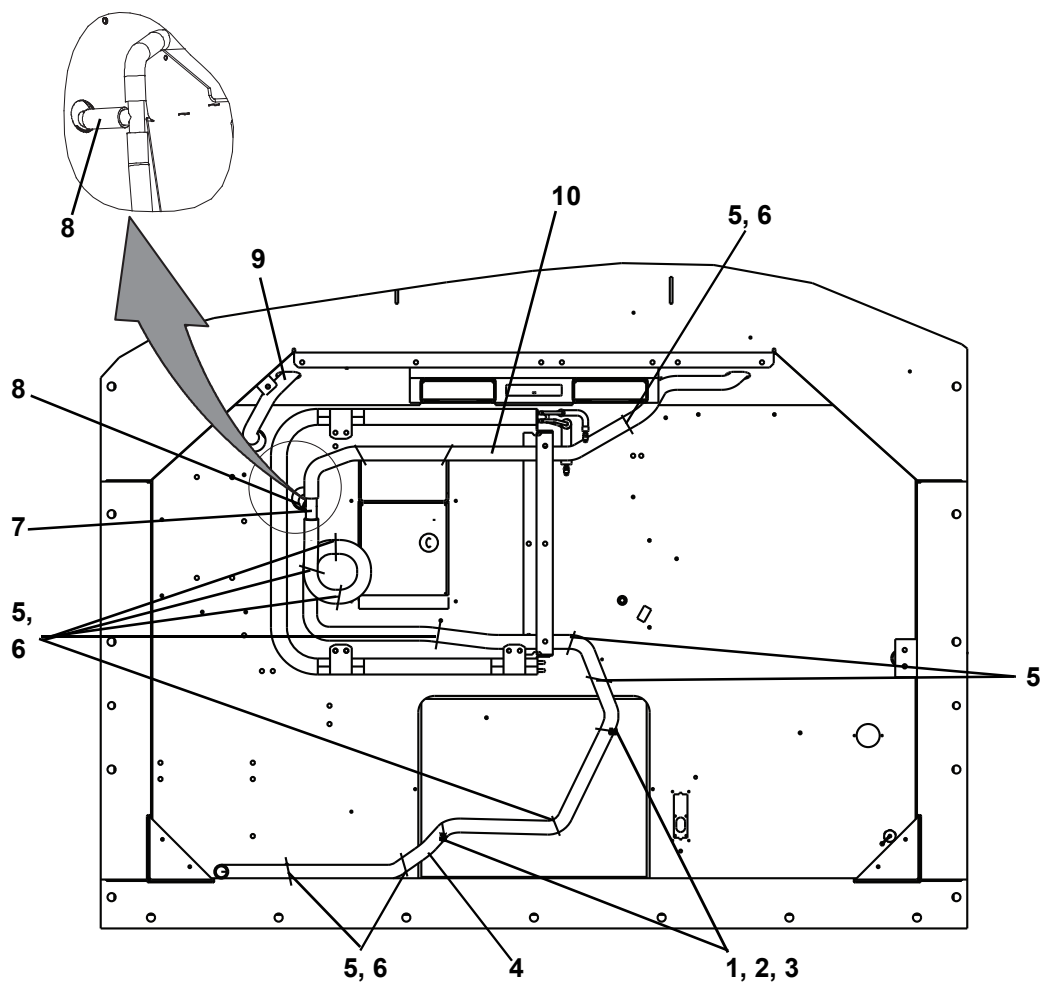
17 CONTROLLER MODULE SECTION AND SOFTWARE CARDS			
9	12-00615	DataCORDER Operation Software Card (Latest version will be supplied)	1
10	Connector (EC A- K) (Refer to Section 2.36)		
11	Connector (EC L- Y) (Refer to Section 2.36)		
12	Connector (KA) - 14- Pin (Refer to Section 2.35)		
13	Connector (KB) - 10- Pin (Refer to Section 2.35)		
14	Connector (KD) - 4- Pin (Refer to Section 2.35)		
15	Connector (KE) - 5- Pin (Refer to Section 2.36)		
16	Connector (MA) - 12- Pin (Refer to Section 2.35)		
17	Connector (KH) - 6- Pin (Refer to Section 2.36)		
18	Connector (MC) - 8- Pin		
NS	09-00375-00	Battery, Real Time Clock, (Within the Controller)	1
19	10-01129-11	Switch, toggle ST	2
20	10-01129-05	Switch, Toggle CFS	1
21	10-01129-12	Switch, (Start/Stop) Toggle ON/OFF	1
RECHARGEABLE BATTERY OPTION			
22	30-00407-02SV	Rechargeable Battery Pack with Connector- Controller/DataCORDER Module	A/R
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.			

18 CONTROLLER DOOR KIT, SCREW

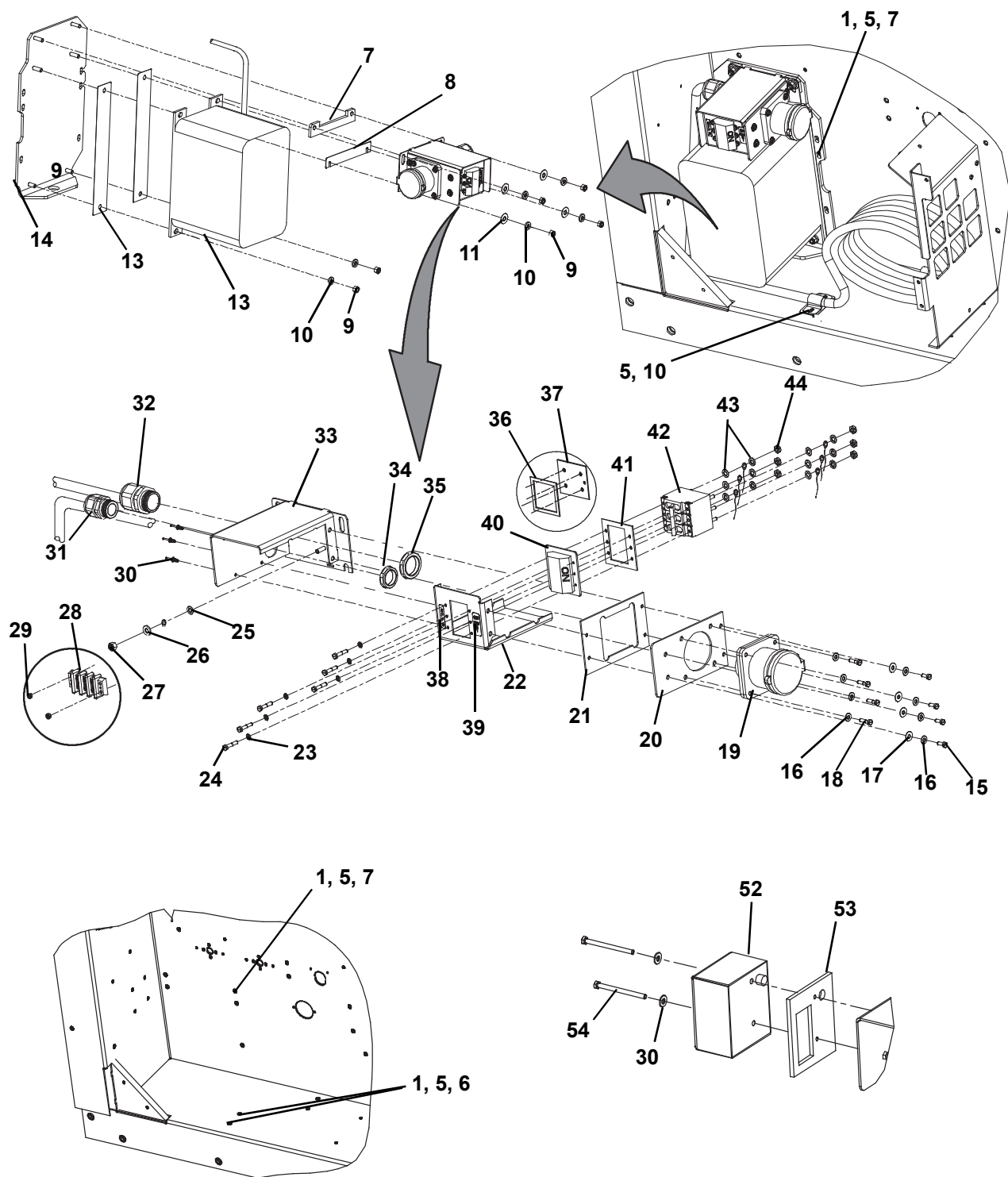


18 CONTROLLER DOOR KIT, SCREW			
Item	Part Number	Description	Qty
1	79-04018-08	Control Box Door Assembly, Slotted Screw White with Fixed Pin Includes:	1
2	86-04987-02	Door, Control Box	1
3	66U1-6811-8	Screw, Retaining	2
4	44-00477-00	Hinge Staked Pin 2	2
5	34-06169-00	Washer, Retaining 0.185 ID X 0.62 OD	2
6	42-00741-00	Gasket Control Box Door	1
7	66U1-2403-1	Screw, Machine Trhd #10-24 X .750 Sltd	4
8	34-06107-00	Rivet, Blind .125 Diameter .188-.250	3
9	58-04954-00	Pocket, Placard	1
10	34-06053-00	Washer 0.250 ID X 0.800 OD	4
11	58-04101-02	Protector	2
12	34-06053-05	Washer .205 ID X0 .600 OD	4
13	58-04366-00	Window Controller Door	1
14	58-04101-00	Protector	2
15	79-66669-00	Key Pad Assembly Includes:	1
	NSS	Key Pad 69Nt Core Micro	1
	NSS	Plate, Backup	1
	NSS	Gasket Keypad	1
	NSS	Washer, Plain #10 Type A	6
	NSS	Screw, Pan Head #10- 9 X.75	6
	NSS	Indicator Dot	1
16	66U1-3882	Wire Tie	3
17	12-00433-03RP	Display Module, 69Ne/Nt	1
18	66U1-5371-7	Screw, Machine Hex Head #10- 24 X 0.500 Sltd	9
19	66U1-5321-8	Washer, Plain #10 Type A	9
20	66U1-5371-6	Screw, Machine Hex Head #10- 24 X 0.750	2
21	AU27JR131	Washer, Lock #10 Ext Tooth	1
22	22-01713-49	Harness	1
23	58-04960-00	Rain Shield	1
24	44-00391-00	Clamp	2
25	68-16735-00	Bracket	1
26	58-04316-00	Base, Mounting	1
27	79-04046-00	Shield, Hi-Volt Std	1
28	79-04047-00	Shield, Low Voltage	1
29	34-06139-04	Receptacle, ¼ inch retaining	3
30	68-17298-00	Bracket	1

19 DRAIN



Item	Part Number	Description	Qty
1	34-00663-09	Washer, Lock	2
2	66U-1-5371-7	Screw, Machine Hex Head	2
3	58-04246-00	Ty-Rap Base	2
4	58-04539-14	Tube, Flexible	1
5	66U-1-3882	Wire Tie	14
6	58-04316-00	Base, Mounting	8
7	58-04202-02	Tee	1
8	58-04539-10	Tube, Flexible	1
9	58-04539-11	Tube, Flexible	1
10	58-04539-12	Tube, Flexible	1



20 AUTOTRANSFORMER**Standard Parts Included in Options**

Item	Part Number	Description	Qty
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	AA06JA170	Screw, Hex Head, 1/4- 20 X 1.00	7
4	58-04026-07	Protector, Mylar	1
5	68-14456-02	Cable Cutter	1
6	66U1-5361-25	Screw, Cap Hex Head 1/4- 20 X 0.75	2

Autotransformer without CB2**See Previous Section for Standard Parts and use with Item below.**

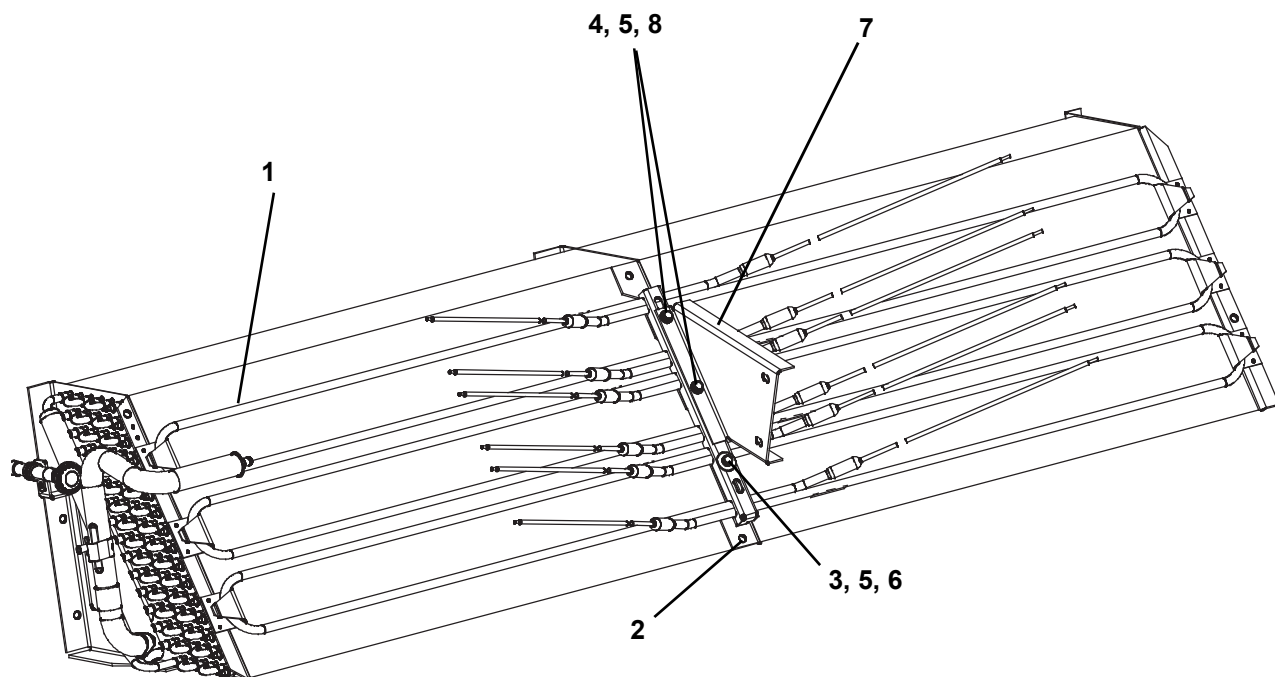
-	76-00667-07	Transformer Kit, Field Installation, Without CB2 - Includes:	1
7	58-04026-25	Protector, 1.00 X 6.62, With Two Slots	1
8	69NT35-2086	Spacer, 0.25 Thick Aluminum	1
9	34-00667-12	Nut, Self- Locking, 5/16- 18	6
10	34-01181-01	Washer, Flat 0.320/0.330 ID	6
11	34-06053-02	Washer, 0.375 ID X 1.000 OD	4
12	69NT40-914-4	Transformer Assembly	1
13	58-04026-17	Protector, 2.00 X 13.0 With Two Holes	2
14	69NT43-374	Bracket Assembly DV Transformer Module	1
15	66U1-5371-7	Screw, Machine, Hex Head, #10- 24 X 0.500 Slotted	4
16	66U1-5321-8	Washer, Plain #10 Type A	8
17	34-06053-05	Washer 0.205 ID X 0.600 OD	4
18	66U1-5371-6	Screw, Machine, Hex Head, #10- 24 X 0.750 Slotted	4
19	22-01679-00	Receptacle 32 Amp/Bryant	1
20	69NT41-892	Cover Assembly Transformer Module, Receptacle	1
21	42-00328-00	Gasket, 0.094 Thick X 3.60 X 5.74	1
22	69NT43-282	Box Assembly Transformer Module, CB2	1
23	34-06053-10	Washer 0.138 ID X 0.343 OD	4
24	66U2-1531-3	Screw, Machine, Round Head #6- 32 X 0.375 Inches Long SS	4
25	AU27JR171	Washer, Lock, 1/4 Ext Tooth	1
26	66U1-5321-3	Washer, Plain, 1/4 N Type A	1
27	34-00667-11	Nut, Self- Locking, 1/4- 20	1
28	22-01778-00	Terminal, Block Three Terminal	1
29	34-00795-09	Nut, Self- Locking, 10- 32	2
30	34-00928-02	Rivet, Blind, 0.125 Inch Diameter 0.126- 0.187	3
31	22-02319-05	Connector, Straight, 3/4 Hub	1
32	22-02319-06	Connector, Straight, 0.590/1.00 Inch Diameter	1
33	69NT43-270-1	Box Assembly, Weld DV Transformer Module	1
34	34-06136-01	Nut, Lock, 3/4 NPT	1
35	34-06136-02	Nut, Lock, 1.00 NPT	1

20 AUTOTRANSFORMER			
36	42-00366-00	Gasket, 0.094 Thick, 3.20 X 3.200	1
37	68-13832-00	Plate Assembly, 0.090 Thick Aluminum	1
Autotransformer with CB2			
-	76-00667-07	Transformer Kit, Field Installation, Without CB2 - Includes:	1
77	58-04026-25	Protector, 1.00 X 6.62, With Two Slots	1
8	69NT35-2086	Spacer, 0.25 Thick Aluminum	1
9	34-00667-12	Nut, Self- Locking, 5/16- 18	6
10	34-01181-01	Washer, Flat 0.320/0.330 ID	6
11	34-06053-02	Washer, 0.375 ID X 1.000 OD	4
12	69NT40-914-4	Transformer Assembly	1
13	58-04026-17	Protector, 2.00 X 13.0 With Two Holes	2
14	69NT43-374	Bracket Assembly DV Transformer Module	1
15	66U1-5371-7	Screw, Machine, Hex Head, #10- 24 X 0.500 Slotted	4
16	66U1-5321-8	Washer, Plain #10 Type A	8
17	34-06053-05	Washer 0.205 ID X 0.600 OD	4
18	66U1-5371-6	Screw, Machine, Hex Head, #10- 24 X 0.750 Slotted	4
19	22-01679-00	Receptacle 32 Amp/Bryant	1
20	69NT41-892	Cover Assembly Transformer Module, Receptacle	1
21	42-00328-00	Gasket, 0.094 Thick X 3.60 X 5.74	1
22	69NT43-282	Box Assembly Transformer Module, CB2	1
23	34-06053-10	Washer 0.138 ID X 0.343 OD	4
24	66U2-1531-3	Screw, Machine, Round Head #6- 32 X 0.375 Inches Long SS	4
25	AU27JR171	Washer, Lock, 1/4 Ext Tooth	1
26	66U1-5321-3	Washer, Plain, 1/4 N Type A	1
27	34-00667-11	Nut, Self- Locking, 1/4- 20	1
30	34-00928-02	Rivet, Blind, 0.125 Inch Diameter 0.126- 0.187	3
31	22-02319-05	Connector, Straight, 3/4 Hub	1
32	22-02319-06	Connector, Straight, 0.590/1.00 Inch Diameter	1
33	69NT43-270-1	Box Assembly, Weld DV Transformer Module	1
34	34-06136-01	Nut, Lock, 3/4 NPT	1
35	34-06136-02	Nut, Lock, 1.00 NPT	1
38	69NT35-1076	Label, On/Off (0.35 X 1.55)	1
39	69NT35-1076-1	Label, CB2, 230V On/Off	1
40	66U2-1531-1	Boot, 2.66 X 2.97, Black	1
41	68-13961-00	Boot, Frame, 0.090 Thick Aluminum	1
42	10-00083-06	Circuit Breaker, 70A- 250 VAC- 50/60Hz	1
43	10-00083-07	Nut, Hex, 1/4- 20	6
44	10-00083-08	Washer, Flat, 1/4 (Circuit Breaker)	12

20 AUTOTRANSFORMER**Autotransformer with DVM, TBU, & CB2**

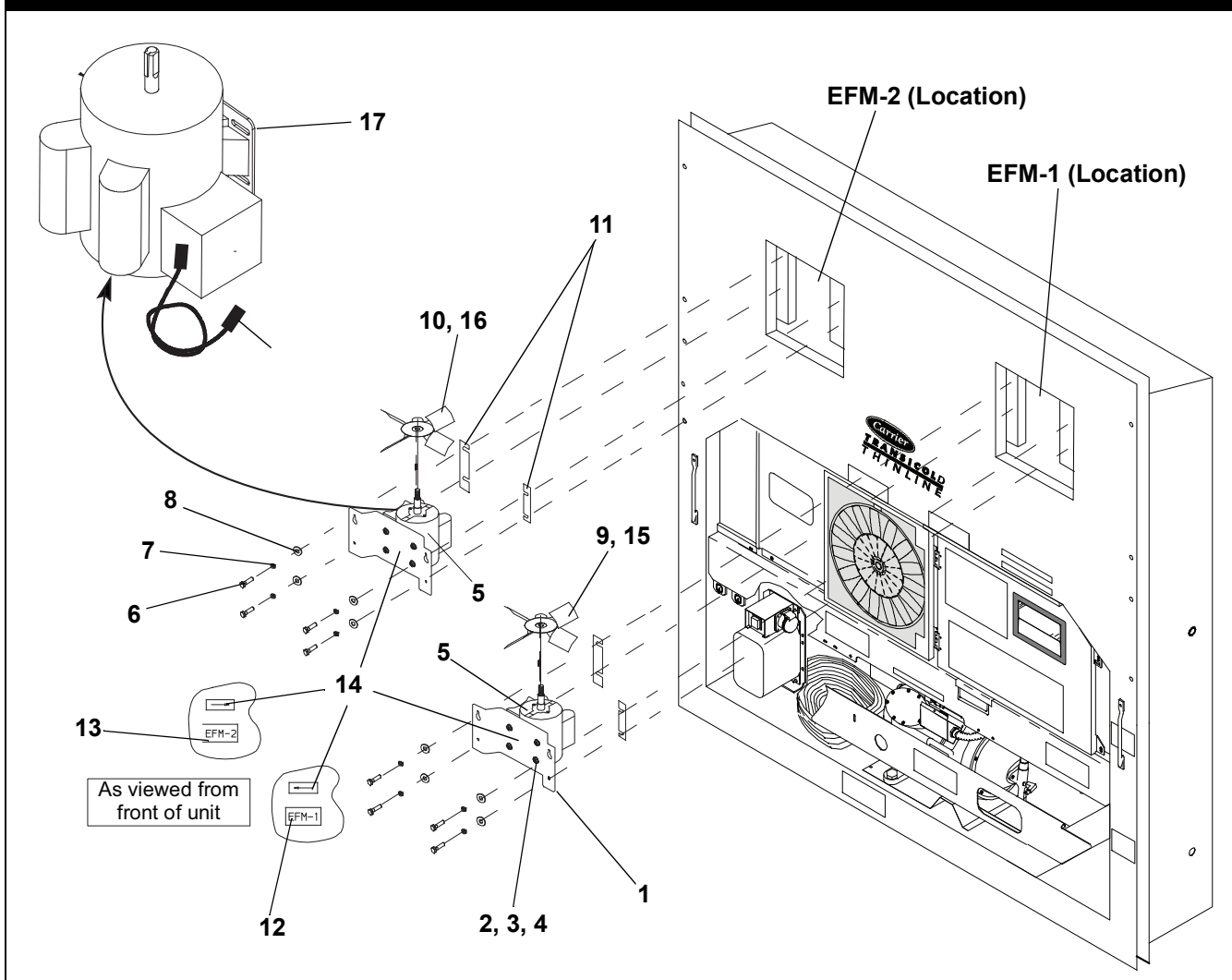
-	76-00667-07	Transformer Kit, Field Installation, Without CB2 - Includes:	1
77	58-04026-25	Protector, 1.00 X 6.62, With Two Slots	1
8	69NT35-2086	Spacer, 0.25 Thick Aluminum	1
9	34-00667-12	Nut, Self- Locking, 5/16- 18	6
10	34-01181-01	Washer, Flat 0.320/0.330 ID	6
11	34-06053-02	Washer, 0.375 ID X 1.000 OD	4
12	69NT40-914-4	Transformer Assembly	1
13	58-04026-17	Protector, 2.00 X 13.0 With Two Holes	2
14	69NT43-374	Bracket Assembly DV Transformer Module	1
15	66U1-5371-7	Screw, Machine, Hex Head, #10- 24 X 0.500 Slotted	4
16	66U1-5321-8	Washer, Plain #10 Type A	8
17	34-06053-05	Washer 0.205 ID X 0.600 OD	4
18	66U1-5371-6	Screw, Machine, Hex Head, #10- 24 X 0.750 Slotted	4
19	22-01679-00	Receptacle 32 Amp/Bryant	1
20	69NT41-892	Cover Assembly Transformer Module, Receptacle	1
21	42-00328-00	Gasket, 0.094 Thick X 3.60 X 5.74	1
22	69NT43-282	Box Assembly Transformer Module, CB2	1
23	34-06053-10	Washer 0.138 ID X 0.343 OD	4
24	66U2-1531-3	Screw, Machine, Round Head #6- 32 X 0.375 Inches Long SS	4
25	AU27JR171	Washer, Lock, 1/4 Ext Tooth	1
26	66U1-5321-3	Washer, Plain, 1/4 N Type A	1
27	34-00667-11	Nut, Self- Locking, 1/4- 20	1
31	22-02319-05	Connector, Straight, 3/4 Hub	1
32	22-02319-06	Connector, Straight, 0.590/1.00 Inch Diameter	1
33	69NT43-270-1	Box Assembly, Weld DV Transformer Module	1
34	34-06136-01	Nut, Lock, 3/4 NPT	1
35	34-06136-02	Nut, Lock, 1.00 NPT	1
45	69NT35-1076	Label, On/Off (0.35 X 1.55)	1
46	69NT35-1076-1	Label, CB2, 230V On/Off	1
47	66U2-1531-1	Boot, 2.66 X 2.97, Black	1
48	68-13961-00	Boot, Frame, 0.090 Thick Aluminum	1
49	10-00083-06	Circuit Breaker, 70A- 250 VAC- 50/60Hz	1
50	10-00083-07	Nut, Hex, 1/4- 20	6
51	10-00083-08	Washer, Flat, 1/4 (Circuit Breaker)	12
52	12-00474-01	Box Assembly Transformer	1
53	42-00471-01	Gasket	1
54	34-06221-00	Screw, Hex Head 10- 24 X 2.50	2

21 HEATER KIT



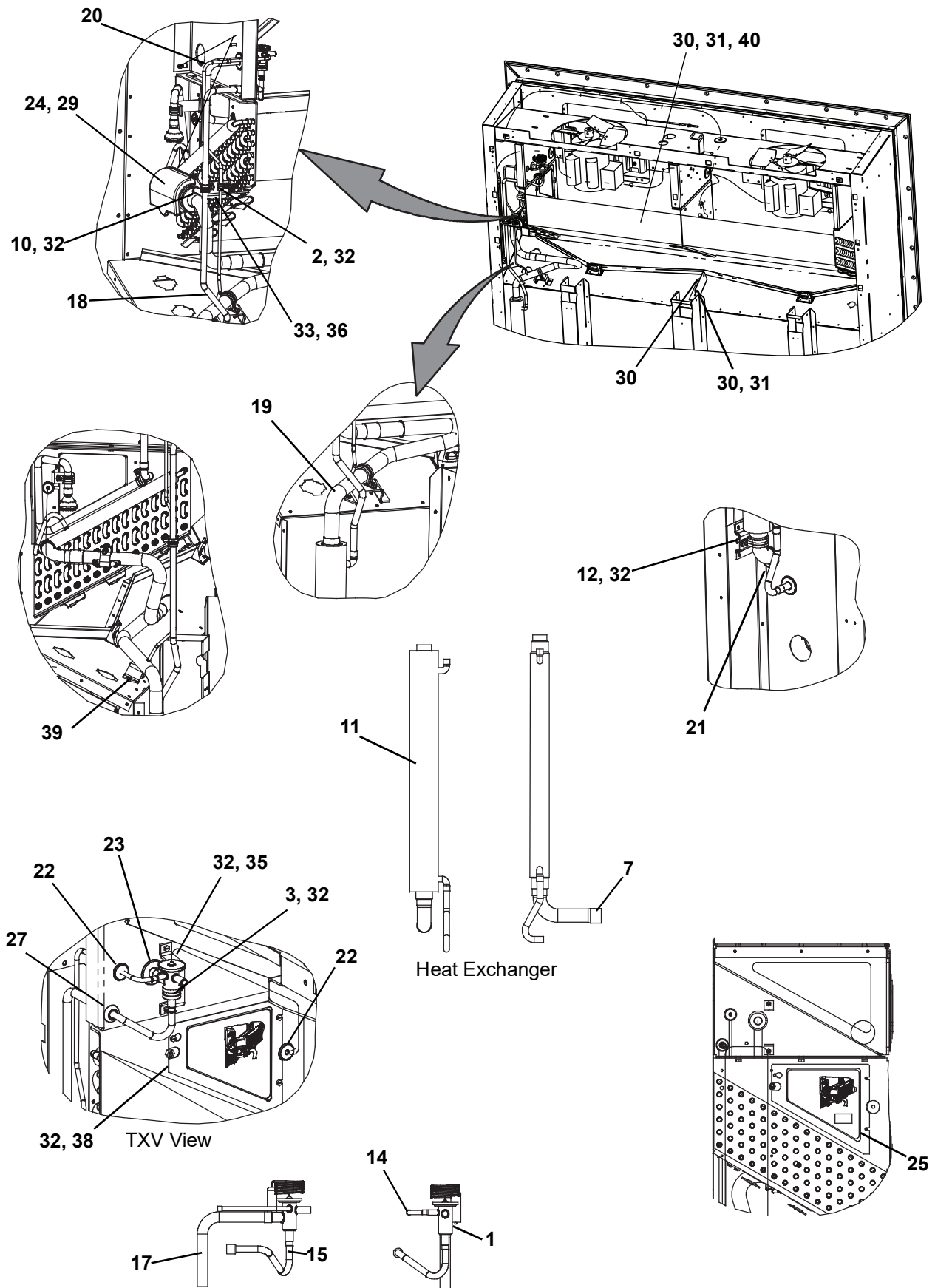
Item	Part Number	Description	Qty
1	24-66603-00	Defrost Heater	6
2	86-04956-00	Retainer Assembly	1
3	69NT35-2692-1	Washer, Fender 1/4- .993- 1.015 OD	1
4	34-00655-12	Screw, Cap Hex Head 1/4- 20 X 1.50	2
5	34-00663-11	Washer, Lock 1/4 Spring	3
6	34-00655-10	Screw, Cap Hex Head 1/4- 20 X 1.25	1
7	68-16894-00	Bracket	1
8	66U1-5321-3	Washer, Plain 1/4 N Type A	2

22 EVAPORATOR FAN AND MOTOR KIT

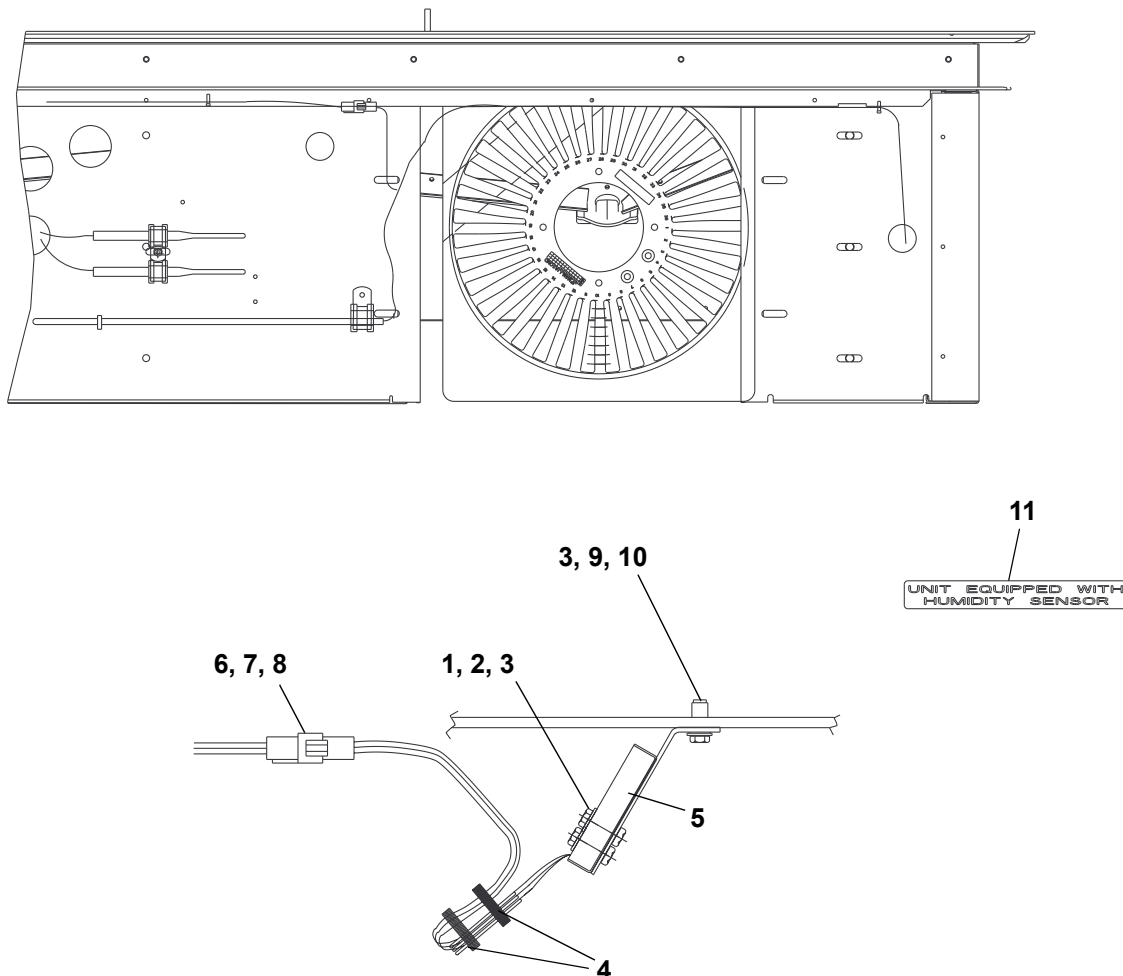


Item	Part Number	Description	Qty
1	69NT35-1173	Bracket, Motor Mount	2
2	34-00792-10	Screw, Cap Hex Head 5/16--18 X 1.25	8
3	34-01181-01	Washer, Flat, 5/16	16
4	34-00667-12	Nut, Self Lock, 5/16-18	8
5	54-00513-02	Motor, Evaporator Two Speed	2
6	66U1-5361-7	Bolt, Hex Head, 3/8-16 x 1.00 lg	8
7	AU11JR241	Washer, Lock 3/8 Spring	8
8	66U1-5321-5	Washer, Plain 3/8 N Type A	8
9	66CH1--1082--21	Fan, CW, EF--1	1
10	66CH1--1082--20	Fan, CCW, EF--2	1
11	69NT35-1662-1	Shim, (If Required)	2
12	69NU35--4292	Label EFM--1	1
13	69NU35--4292--1	Label EFM--2	1
14	39AC--7--1481	Arrow, Direction	2
15	66CH1--1002--83	Label EF1	1
16	66CH1--1002--84	Label EF2	1
17	58--04026--68	Protector	4

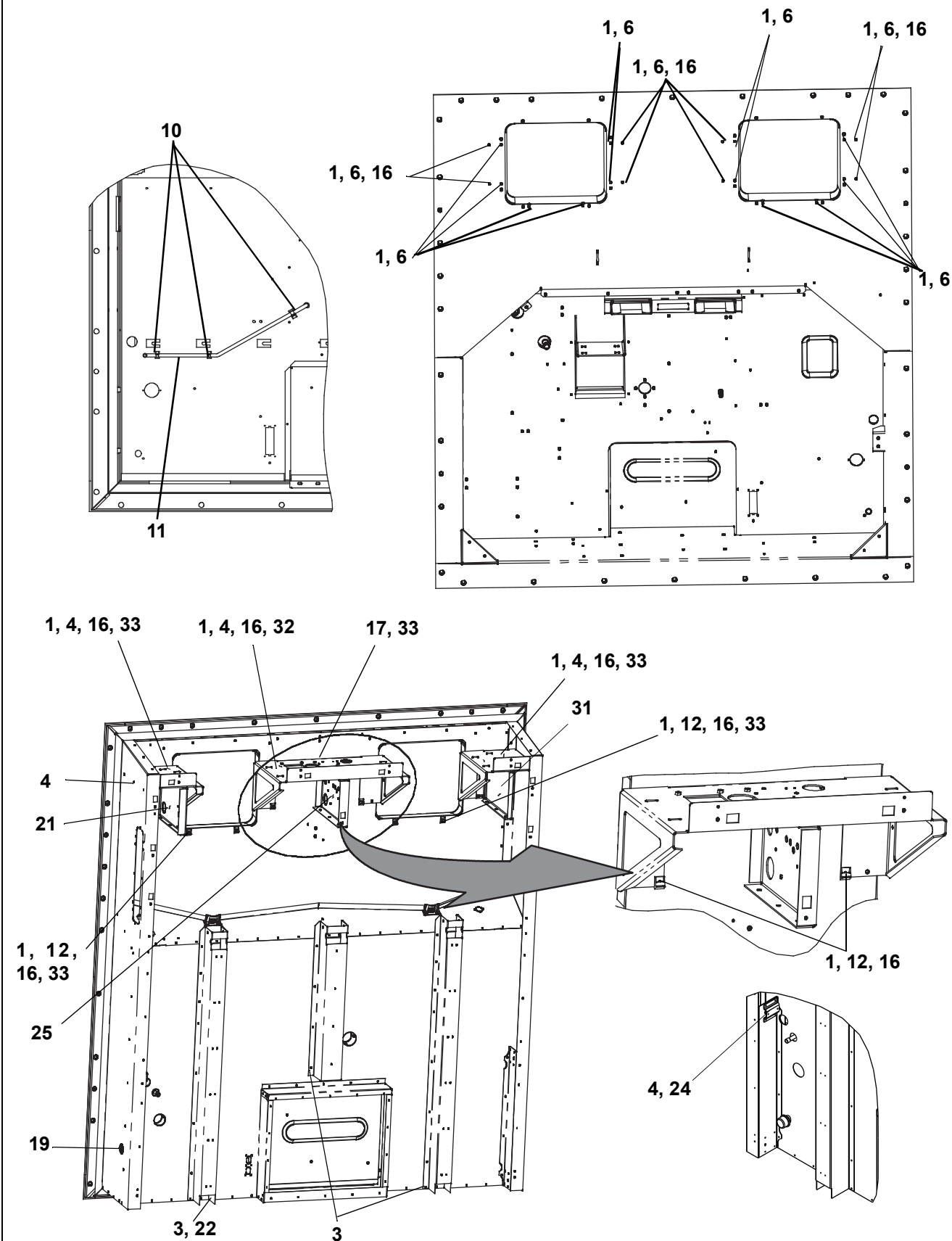
23 EVAPORATOR KIT

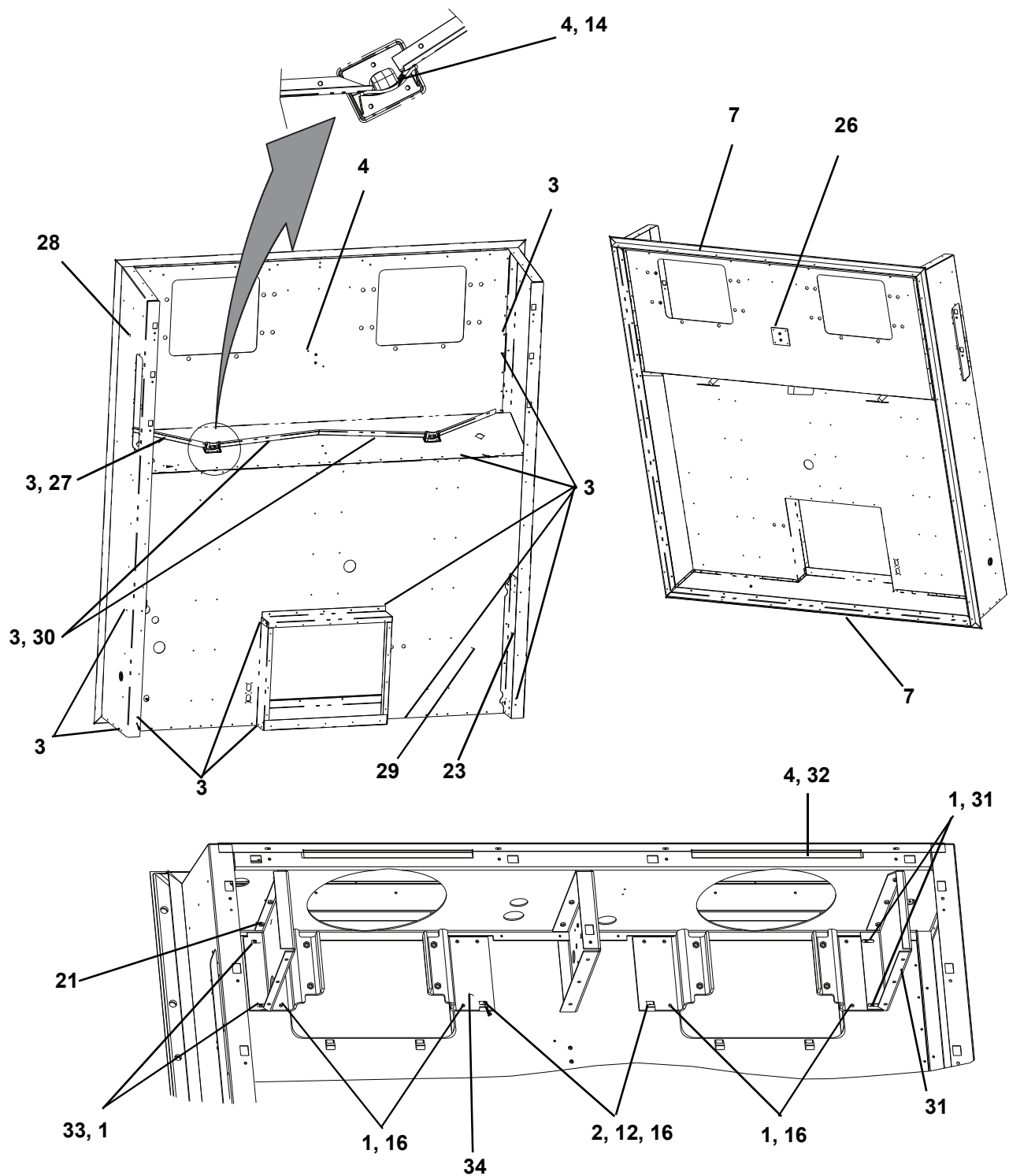


23 EVAPORATOR KIT			
Item	Part Number	Description	Qty
1	14-00273-08	Valve, Expansion	1
2	34-00373-51	Clamp, Tube	1
3	34-00373-59	Clamp, Tube	1
4	34-00663-11	Washer, Lock	11
5	34-00928-09	Rivet, Blind	2
6	34-06269-12	Screw, Lag	2
7	42-00032-14	Insulation	2
8	42-00032-15	Insulation	1
9	42-00237-12	Insulation, Tube	1
10	44-00370-03	Clamp, Cushioned	1
11	44-00370-08	Clamp, Cushioned	1
12	44-00370-10	Clamp, Cushioned	1
13	56-07323-00	Tube, Suction	1
14	56-08348-00	Tube	1
15	56-09029-00	Tube, Liquid	1
16	56-09031-00	Tube, Liquid	1
17	56-09147-00	Tube, Liquid	1
18	56-09183-00	Tube, Liquid	1
19	56-09184-00	Tube, Suction	1
20	56-09185-00	Tube, Equalizer	1
21	58-00065-10	Grommet	1
22	58-00065-46	Grommet	2
23	58-00065-56	Grommet	2
24	58-04664-00	Insulation, Foam	1
25	62-11746-00	Label	1
26	65-00144-00	Heat Exchanger	1
27	66U-1-1571-3	Grommet	1
28	66U-1--3882	Wire Tie	1
29	66U-1-3882-3	Wire Tie	2
30	66U-1-5321-3	Washer, Plain	13
31	66U-1-5361-25	Screw, Cap Hex Head	11
32	66U-1-5381-1	Screw, Hex Head	10
33	66U-1-5381-4	Screw, Hex Head	2
34	66CH-1-1012-59	Insulation, Tube	1
35	68-15015-00	Bracket, TXV	1
36	68-16715-00	Bracket	1
37	68-16893-00	Bracket	1
38	68-17089-00	Plate, Cover	1
39	68-17190-00	Bracket	1
40	81-04186-20	Coil Assembly, Evaporator	1

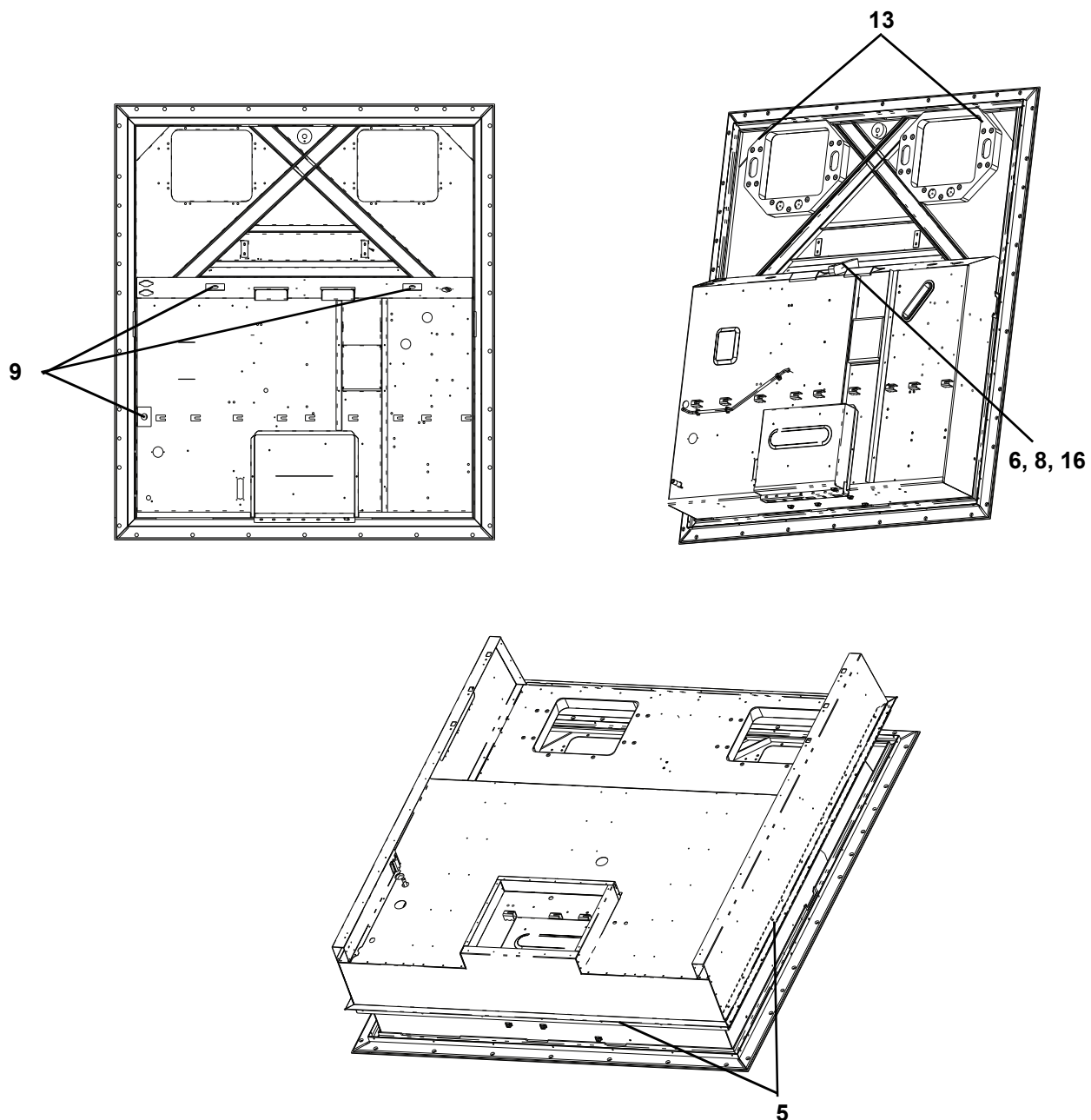


Item	Part Number	Description	Qty
1	12-00745-00SV	Humidity Sensor	1
2	66-U---1--5371-10	Screw, Mach Hxhd	2
3	66-U---1--5321-8	Washer, Plain	4
4	66-U---1--3882	Wire Tie	1
5	68-13181-03	Bracket Assembly	1
6	22-01613-06	Plug	1
7	22-01613-07	Lock, Secondary	1
8	22-01613-13	Contact	3
9	--AU--27JR-131	Washer, Lock	2
10	66-U---1--5371-7	Screw, Mach Hxhd	2
11	69NT--35--3907	Label	1



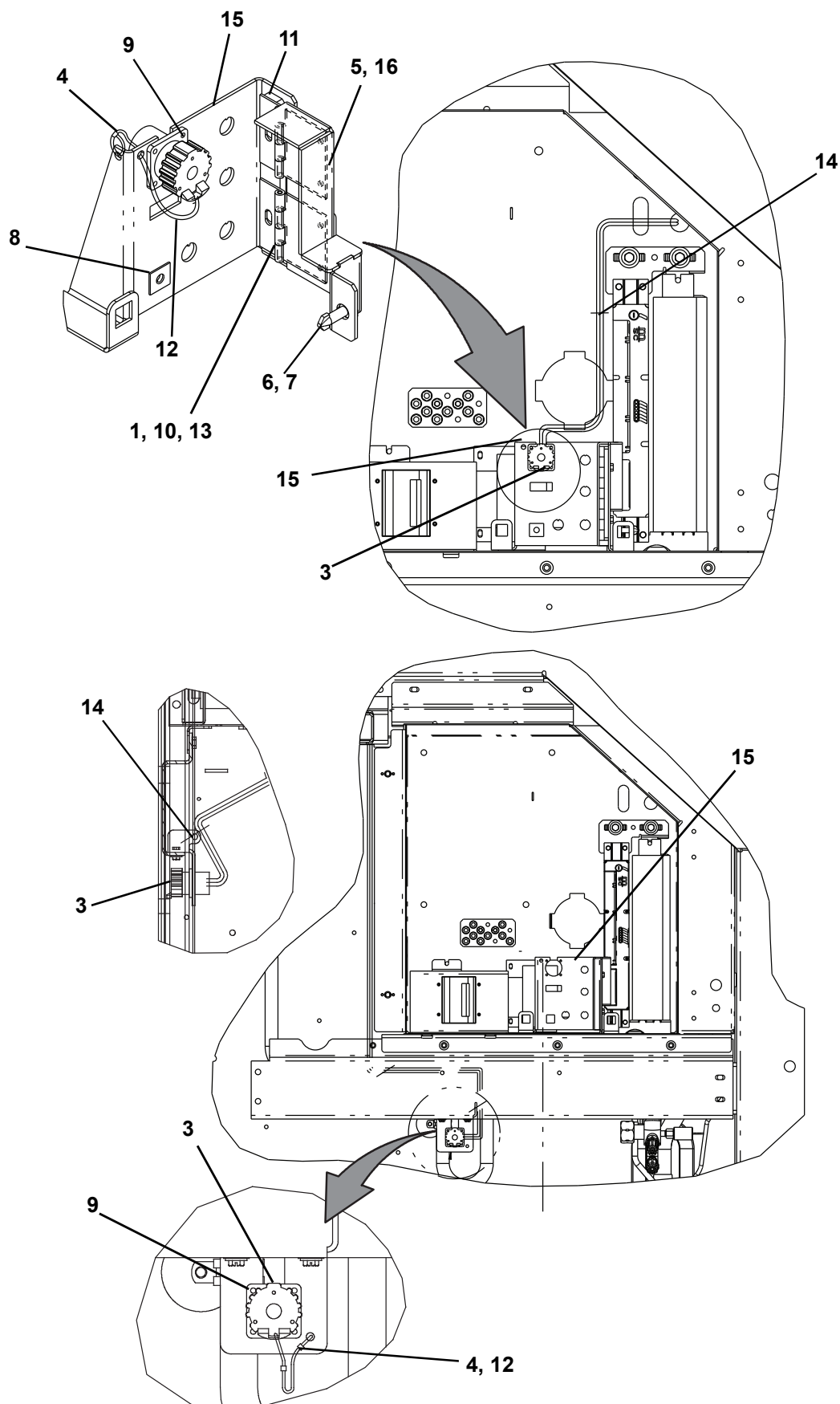


25 FRAME KIT

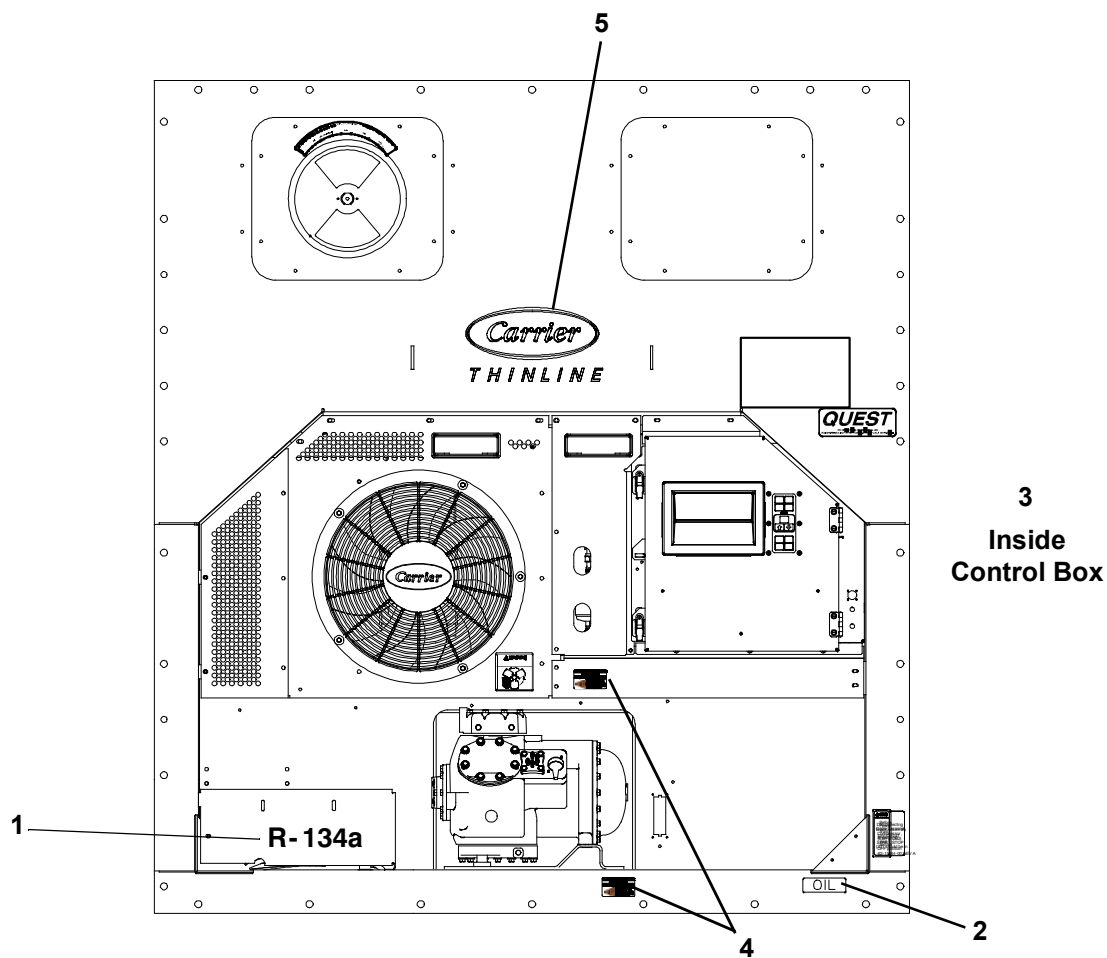


Item	Part Number	Description	Qty
1	34-00655-10	Screw, Cap Hex Head	30
2	34-00655-12	Screw, Cap Hex Head	2
3	34-00928-07	Rivet, Blind	155
4	34-00928-09	Rivet, Blind	23
5	34-00928-21	Rivet, Blind	32
6	34-06053-00	Washer	22
7	34-06124-00	Rivet	40
8	34-06269-12	Screw, Lag	2
9	42-00570-00	Gasket	3

25 FRAME KIT			
10	44-66608-01	Clip, Retaining	3
11	56-09032-00	Tube, Liquid	1
12	58-04246-02	Ty-Rap Base	6
13	58-04935-00	Spacer	2
14	58-04968-00	Fitting	2
15	58-04990-00	Fitting	1
16	66U-1-5321-3	Washer, Plain	26
17	66U-1-5361-25	Screw, Cap Hex Head	9
18	66U-1-5361-47	Bolt, Mach Hex Head	8
19	66U-1-5562-2	Plug, Button	1
20	68-16665-00	Panel, Top	1
21	68-16704-01	Panel	1
22	68-16764-00	Standoff	1
23	68-16817-00	Zee	2
24	68-17127-00	Bracket	1
25	68-17145-00	Panel Assembly	1
26	68-17154-00	Nut Plate Assembly	1
27	68-17188-00	Gutter	1
28	68-17201-00	Channel	1
29	68-17294-03	Panel, Air Duct	1
30	68-17345-00	Gutter	2
31	68-86249-00	Panel Assembly, Evaporator	1
32	68-86250-00	Fan Deck Assembly	1
33	69NT-35-2692-1	Washer, Fender	17
34	69NT-40-476	Channel Assembly	4



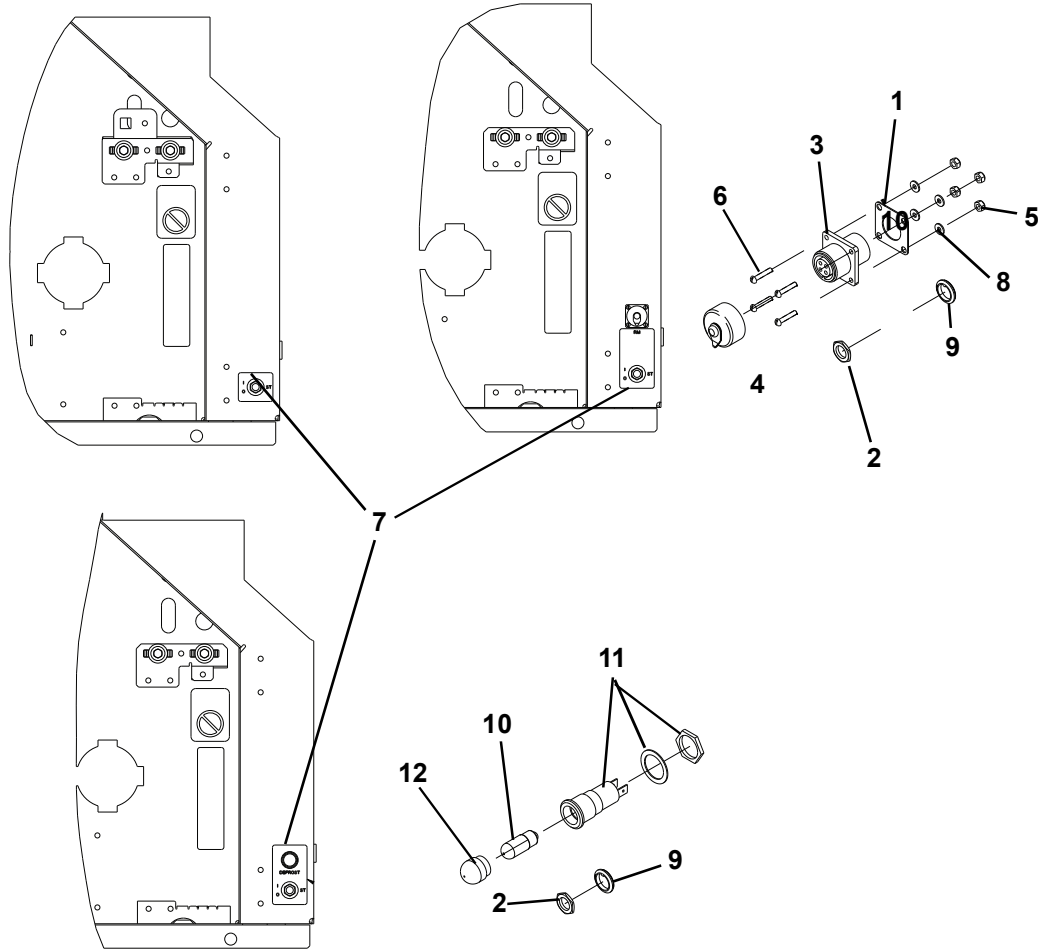
26 INTERROGATE KIT			
Item	Part Number	Description	Qty
1	--AU--27JR-131	Washer, Lock	2
2	22-01660-03	Receptacle	1
3	22-01660-05	Cap, Dust	1
4	22-02205-00	Connector	2
5	34-00928-20	Rivet, Blind	4
6	34-06139-00	Retainer	1
7	34-06139-01	Stud	1
8	34-06139-04	Receptacle	1
9	34-06142-00	Rivet	4
10	44-00473-00	Hinge	2
11	48-66623-00	Spacer	1
12	58-01097-00	Cord, Nylon	1
13	66-U---1--2403	Screw, Mach Trhd	2
14	66-U---1--3882	Wire Tie	2
15	68-86259-00	Bracket	1
16	86-66733-00	Cover	1



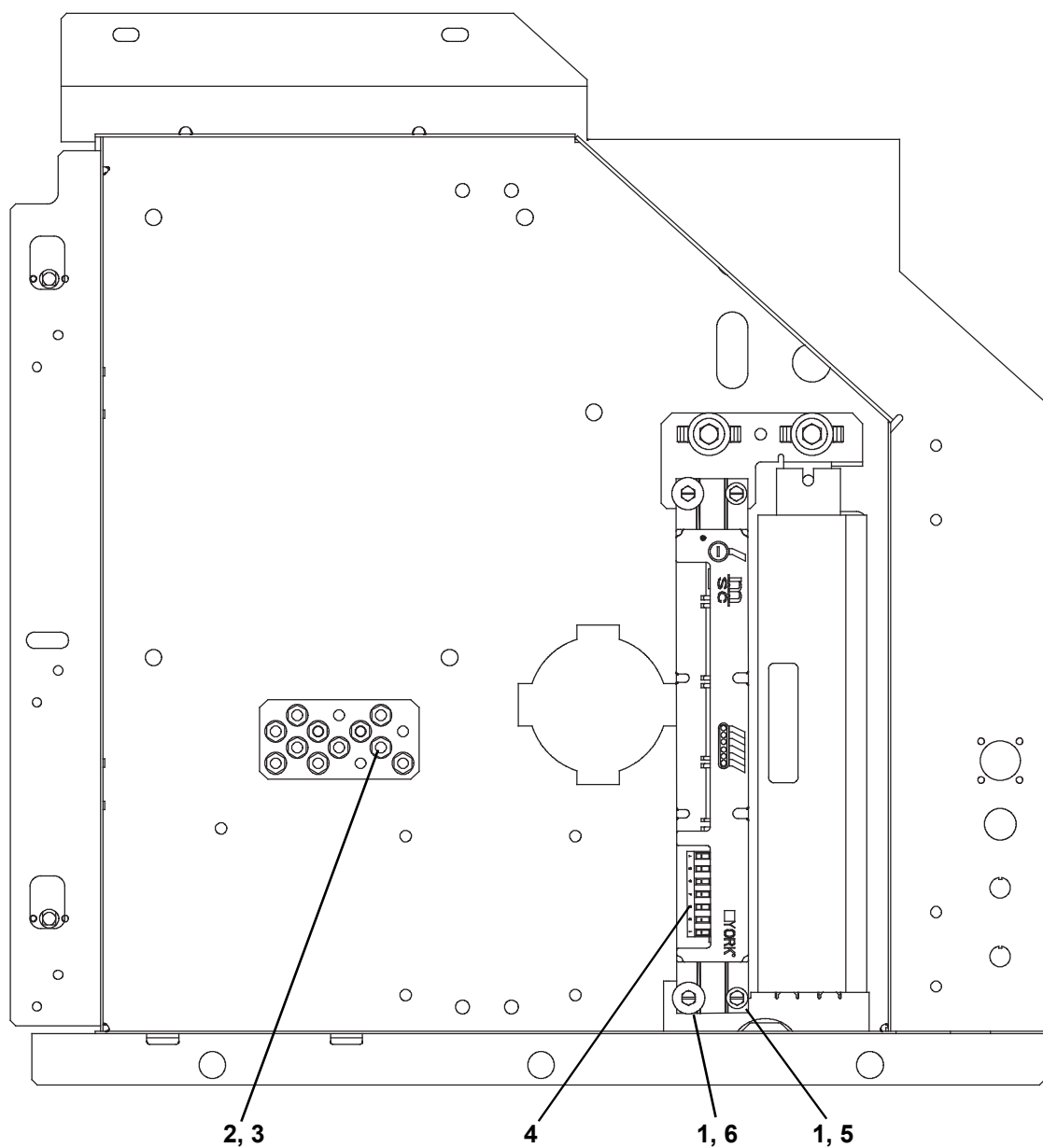
Item	Part Number	Description	Qty
1	62-11252-00	Label, R-134A	1
2	62-11263-00	Label, Poe Compressor Oil	1
3	62-11748-01	Label, Electrical	1
4	62-66081-00	Label, Warning Refrigerant (R-134A)	2
5	62-66714-00	Label, Carrier ThinLINE	1

77-01716-01

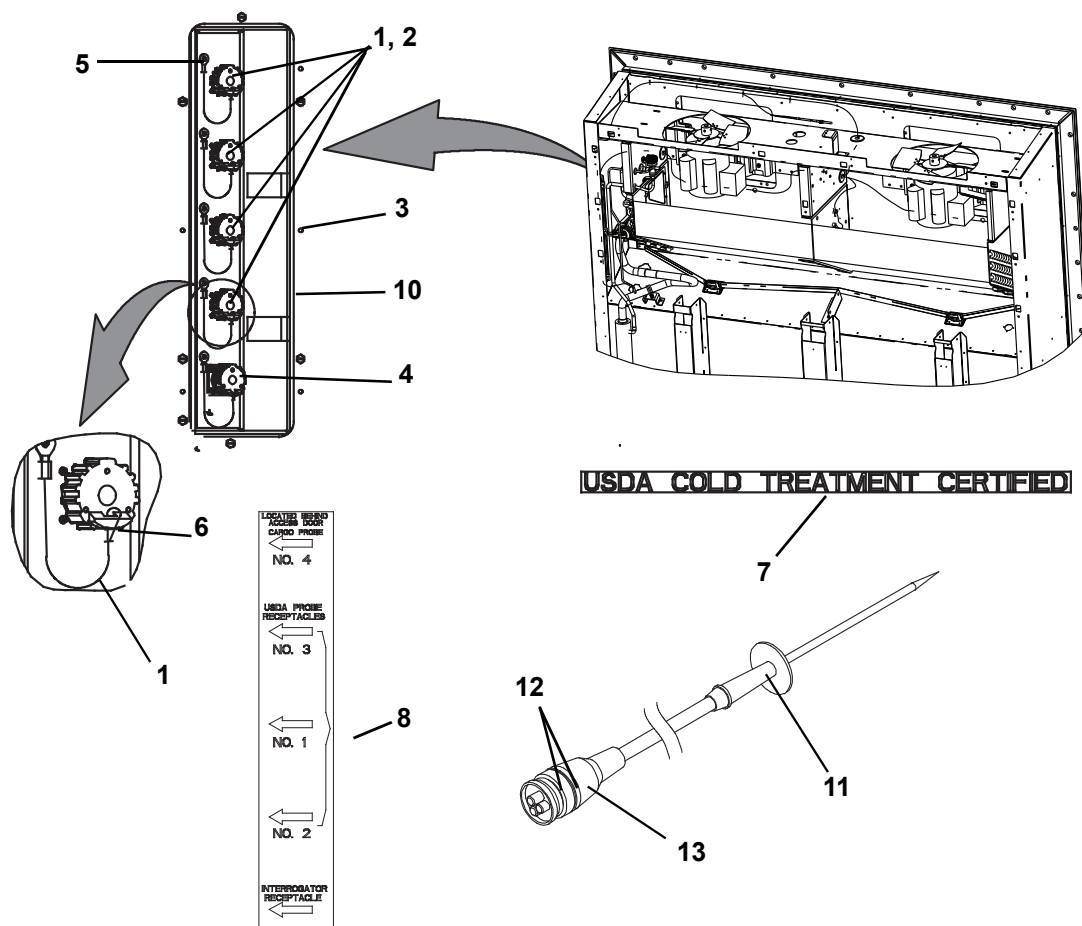
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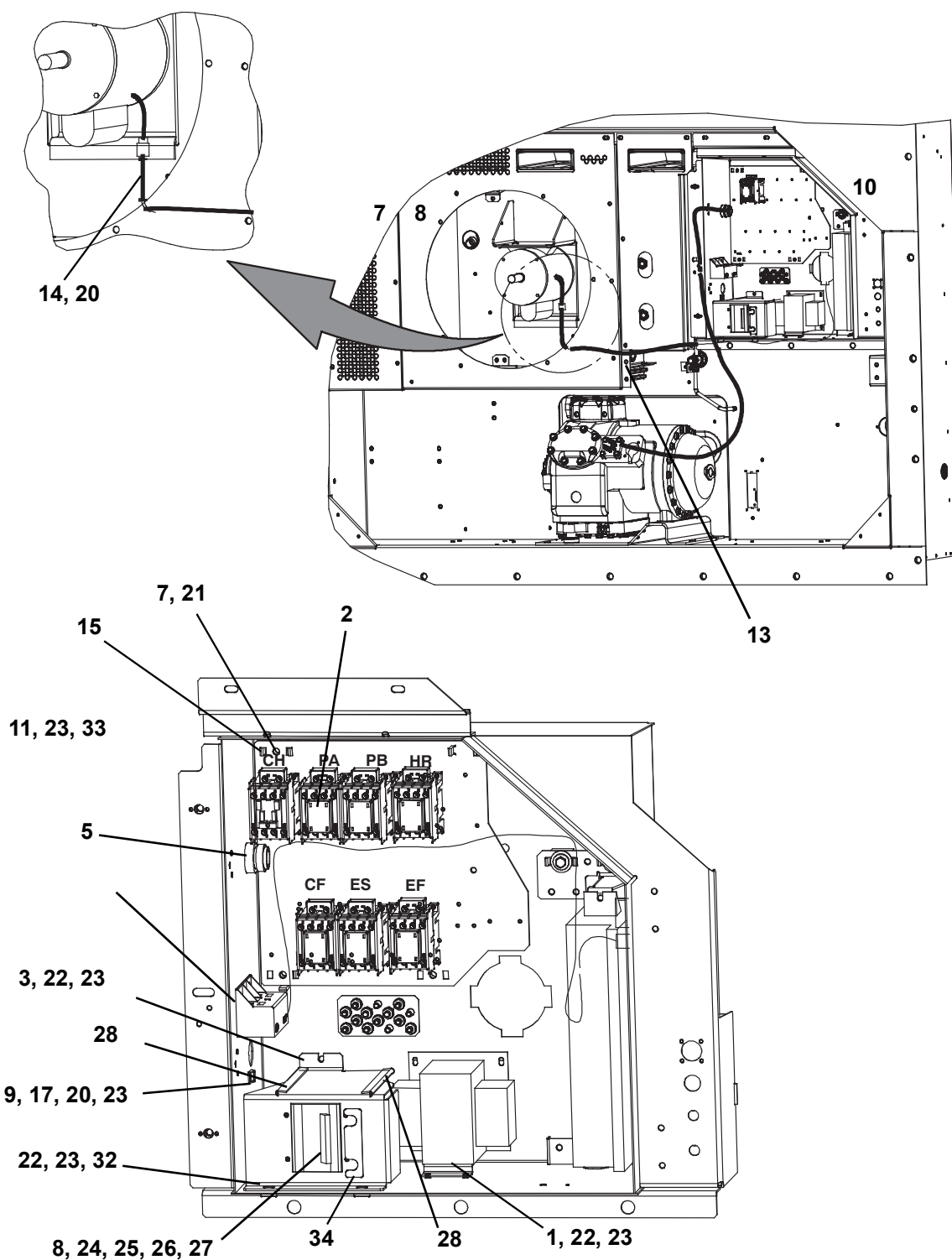
Item	Part Number	Description	Qty
1	--MS51007-4	Gasket	1
2	10-01129-20	Nut, Hex	1
3	22-01604-00	Receptacle	1
4	22-02341-01	Cap & Tether	1
5	34-00667-05	Nut, Self Lock	4
6	34-00848-10	Screw, Machine Round Head	4
7	62-11731-02	Label	1
8	66U-1-5321-6	Washer, Plain	4
9	66U-1-9752	Seal	1
10	22-00049-01	Lamp	1
11	22-00518-01	Base	1
12	22-00519-01	Jewel Assembly	1
13	62-11731-03	Label	1

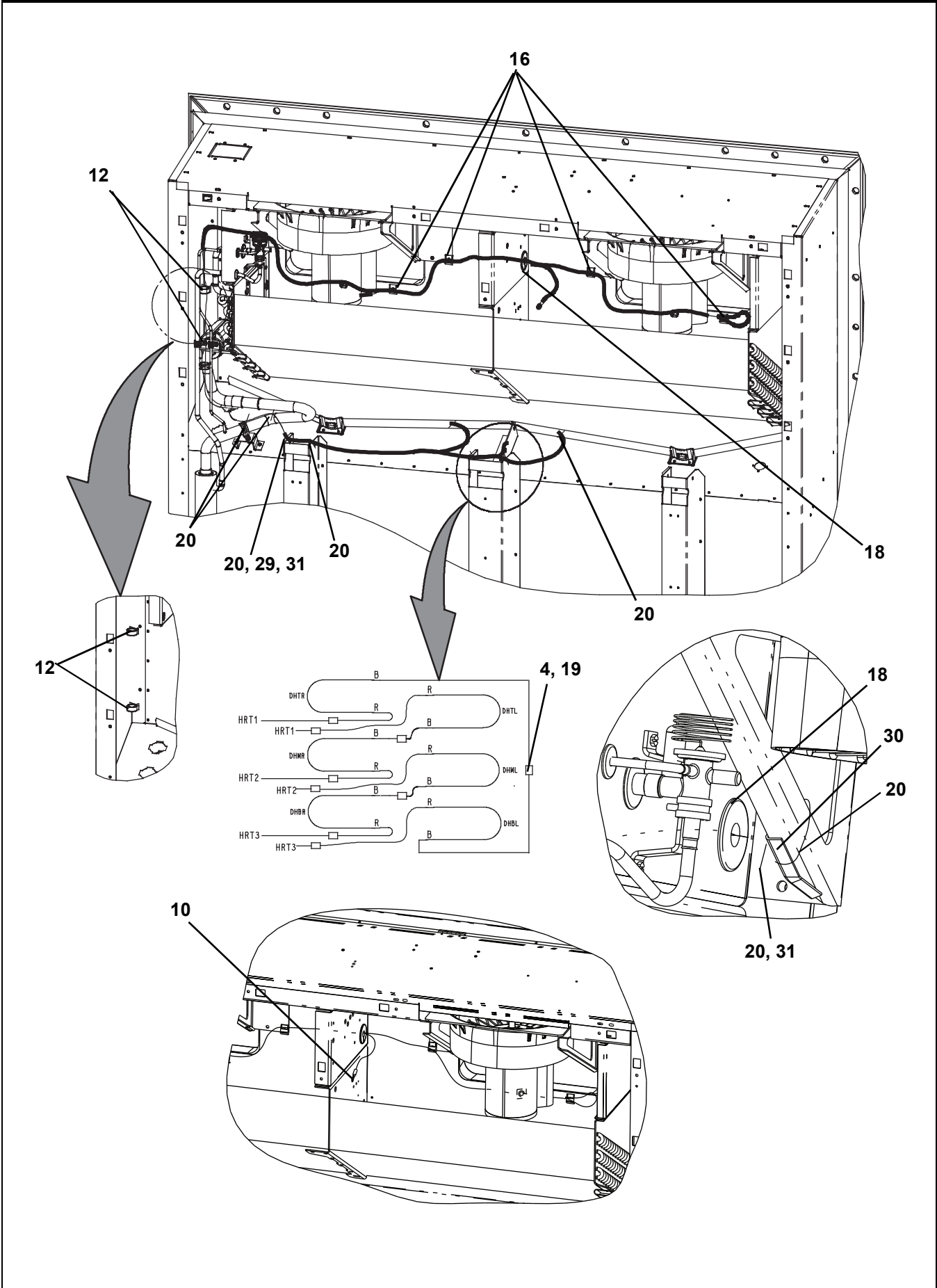


Item	Part Number	Description	Qty
1	66U1-5371-7	Screw, Machine Hex Head #10- 24 X .500	4
2	AT39JA171	Nut, Hex 43834	2
3	AU27JR171	Washer, Lock 1/4 Ext Tooth	2
4	22-01556-00	Connector	1
5	66U1-5321-8	Washer, Plain #10 Type A	2
6	69NT35-2692-4	Washer, Fender #10- .743- .765 OD	2



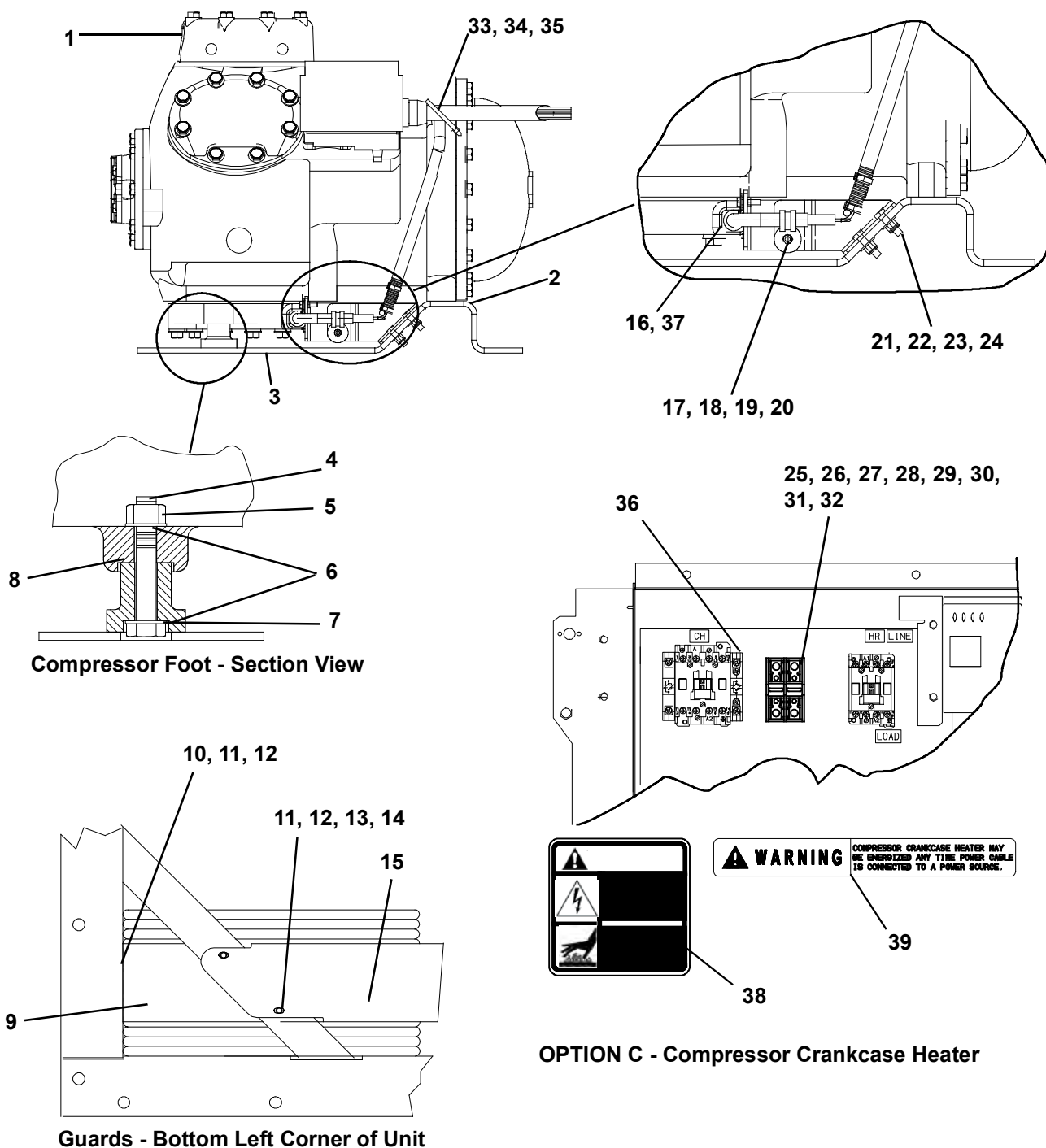
Item	Part Number	Description	Qty
1	69NT35-636-1	Tether Assembly	5
2	22-01660-02	Cap, Dust, (3- Pin Receptacle)	4
3	66U1-5371-7	Screw, Machine, Hex Head, #10- 24 X 0.500 Slotted	6
4	22-01660-05	Cap, Dust (5- Pin Receptacle)	1
5	34-06142-00	Rivet, 0.110 Inch Diameter, 0.126- 0.250	25
6	22-02205-00	Connector Splice, Non- Insulated	5
7	62-11275-00	Label, USDA Cold Treatment Certified	1
8	62-11729-00	Label, USDA	1
9	66U1-3882	Wire Tie, 1/16- 1- 3/4, Self- Locking	4
10	68-17023-00	Panel	1
USDA Probe Kit			
11	12-50089-00	Sensor Assembly, 600 Inches Long (15M) (USDA Probe) - Includes:	A/R
12	22-50127-00	Plug, Socket (PR1, PR2, PR3, Cargo Probe 4)	1
13	22-01613-15	Contact, Socket, #16	A/R





31 WIRING KIT			
Item	Part Number	Description	Qty
1	10-00332-21SV	Transformer	1
2	10-00431-11	Cover	2
3	10-00439-02	Transformer	1
4	22-01292-02	Butt Splice	9
5	22-02302-03	Connector	1
6	34-00655-04	Screw, Cap Hex Head	1
7	34-00655-08	Screw, Cap Hex Head	4
8	34-00663-07	Washer, Lock	4
9	34-00663-09	Washer, Lock	1
10	34-01178-22	Screw, Tc Hxhd	1
11	34-06053-13	Washer, Rtnng	1
12	44-00361-00	Clip, Retaining	2
13	58-00065-93	Grommet	1
14	58-00848-13	Tube, Slit	1
15	58-00967-00	Spacer	4
16	58-00969-00	Wire Tie	12
17	58-04246-00	Ty-Rap Base	1
18	58-04273-00	Grommet	2
19	66U-1-3803	Tube, Heat Shrnk	9
20	66U-1-3882	Wire Tie	53
21	66U-1-5321-7	Washer, Plain	5
22	66U-1-5321-8	Washer, Plain	10
23	66U-1-5371-7	Screw, Machine Hex Head	12
24	66U-1-6651-19	Screw, Machine Hex Head	4
25	66-U---1--7842-12	Circuit Breaker	1
26	66U-1-7842-6	Nut, Hex	6
27	66U-1-7842-7	Washer, Flat	12
28	66CH-1-1172-28	Trim, Flexible	2
29	66CH-1-1172-32	Trim, Flexible	4
30	66CH-1-1172-43	Trim, Flexible	1
31	66NS1201CD0020	Sleeve	5
32	68-17405-00	Bracket	1
33	69NT--35--2692-4	Washer, Fender	1
34	69NT--35--9073-1	Label	1

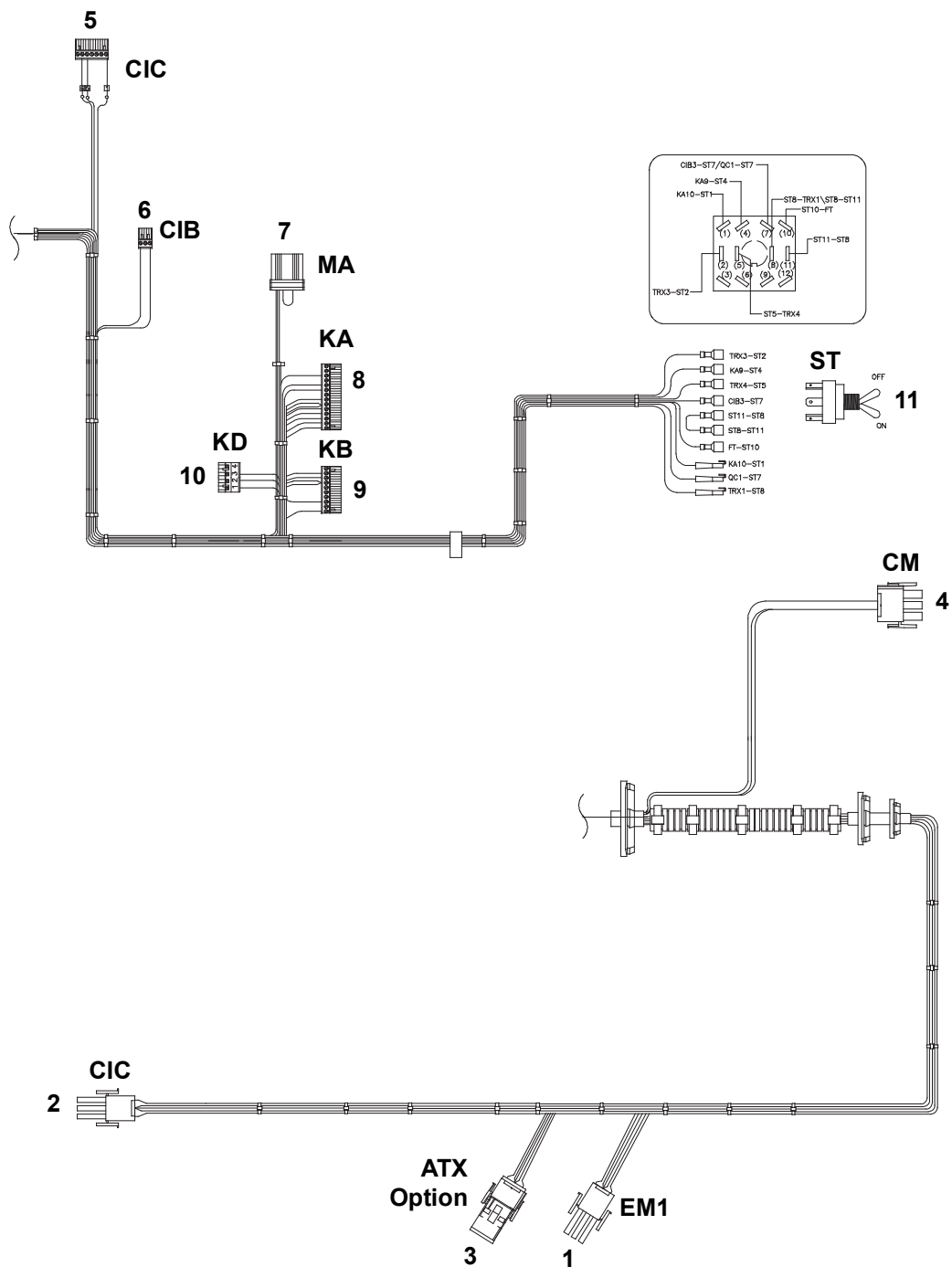
32 COMPRESSOR MOUNTING, GUARD, CRANKCASE HEATER COMPONENTS



Item	Part Number	Description	Qty
1	-	Compressor - Refer to Section 4	-
2	69NT35-6132	Protector (Compressor to Compressor Base)	1
3	69NT43-469	Base, Compressor	1
NSS	66U1-5361-7	Bolt, Hex Head, 3/8- 16 x 1.00 lg. - SST	7
NSS	66U1-5321-5	Washer, Flat, 3/8 - SST	7
NSS	AU11JR241	Washer, Lock, 3/8 - SST	7
NSS	34-06053-02	Washer, Mylar, 0.375 ID x 1.00 OD	7
4	34-00849-22	Cap screw, 7/16- 14 x 2- 3/4 lg. - SST	2

32 COMPRESSOR MOUNTING, GUARD, CRANKCASE HEATER COMPONENTS			
5	34-00667-14	Locknut, 7/16- 14 - SST	2
6	66U1-5321-8	Washer, Flat, 7/16 - SST	4
7	34-06053-07	Washer, Mylar, 0.438 ID x 0.922 OD	2
8	34-06053-01	Washer, Mylar, 0.438 ID x 1.125 OD	2
9	68-12993-00	Panel, Guard	1
	68-12523-00	Panel, Guard - Large	1
10	66U1-5361-25	Screw, Hex Head, 1/4- 20 x 3/4 lg. - SST	1
11	66U1-5321-7	Washer, Flat, 1/4 - SST	9
12	34-06053-00	Washer, Mylar, 1/4 ID x 3/4 OD	9
13	66U1-5361-11	Cap screw, Hex Head, 1/4- 20 x 1- 1/2 lg. - SST	4
14	34-00667-11	Locknut, 1/4- 20 - SST	4
15	68-12432-00	Guard, Compressor, 0.125 Thick Alum. (Blue)	1
	68-12432-01	Guard, Compressor, 0.090 Thick Alum. (Blue)	1
	68-12432-02	Guard, Compressor, 0.090 Thick Alum. (White)	1
	68-12432-03	Guard, Compressor, 0.125 Thick Alum., For Right Extended Guard (Blue)	1
Option C - Crankcase Heater			
-	76-00766-00	Crankcase Heater Installation Kit - Includes:	1
16	24-02019-02	Heater, Compressor Crankcase (CCH) NSS	1
17	44-00370-03	Clamp, Tube, Cushioned, 1/2 Diameter - SST	1
18	34-06053-03	Washer, Mylar, 1/4 ID x 1.0 OD	1
19	66U1-5371-6	Screw, Machine Hex Head, #10- 24 x 0.75 lg. - SST	1
20	69NT-35-8284	Bracket, Heater Mounting	1
21	34-00655-08	Screw, Hex Head, 1/4- 20 x 1.00 lg - SST	2
22	34-06053-00	Washer, Mylar, 0.25 ID x 0.75 OD	4
23	34-00662-11	Washer, Flat, 1/4 x 0.05 Thick	4
24	34-00667-11	Locknut, 1/4- 20	2
25	22-04044-00	Fuse Block	1
26	22-04044-01	Fuse Holder	2
27	22-04043-00	Fuse	2
28	34-01178-22	Screw, #8- 32 x 0.5 long	2
29	66U1-5321-2	Washer, #8	2
30	66U1-5321-8	Washer, Flat #10	4
31	68-14852-00	Bracket, Fuse Holder Mounting	1
32	66U1-5381-1	Screw, Hex Head #10- 24 x 0.75 long	4
33	58-04321-01	Tube, Split (3/8 x 72 long	1
34	66U1-3882	Wire Tie	10
35	22-02302-02	Connector	1
36	10-00431-02	Contactor, Aux.	1
37	02-00086-00	Thermo Grease	1
38	62-10921-00	Label	1
39	69NT35-8218-01	Label	1

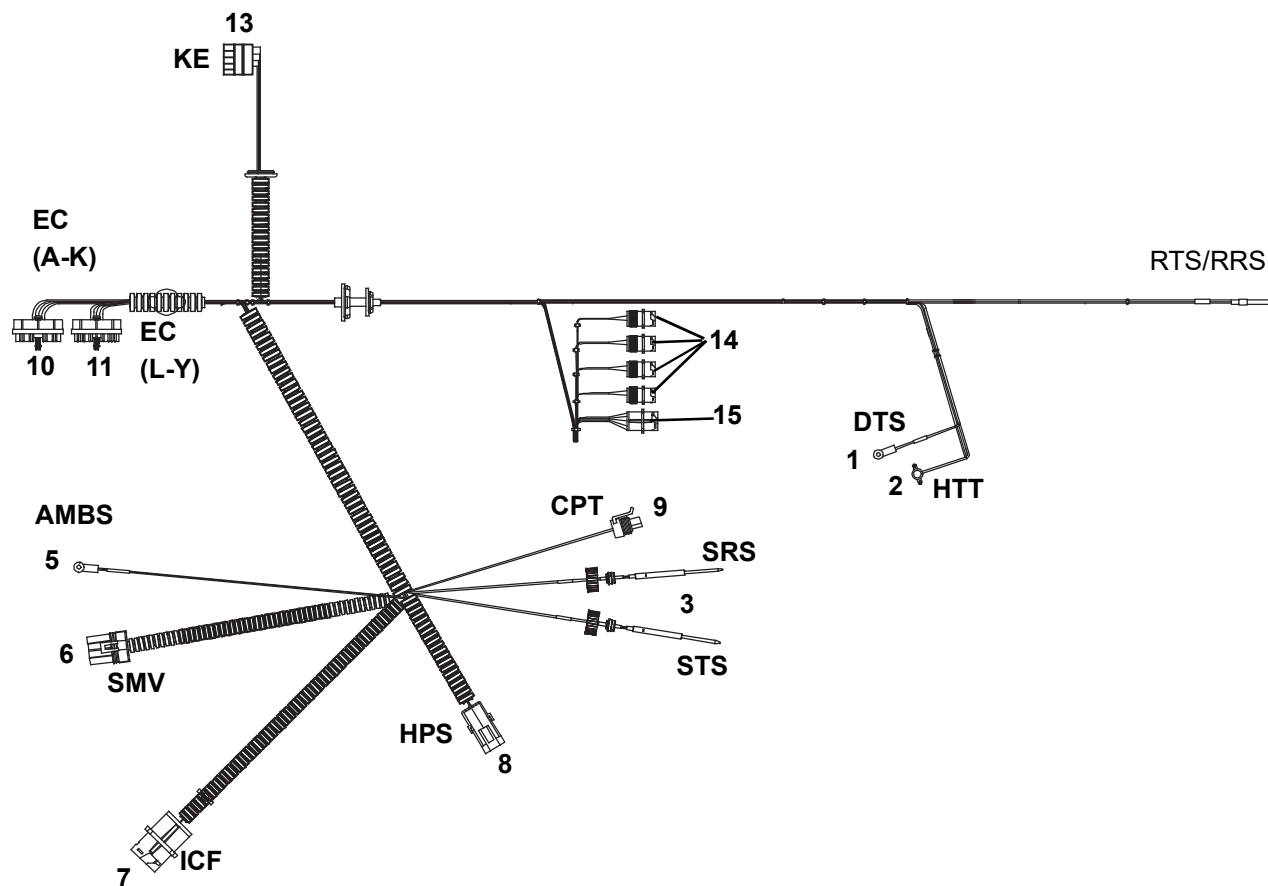
33 WIRING ASSEMBLY, HIGH VOLTAGE HARNESS



Item	Part Number	Description	Qty
	91-00451-26	High Voltage Harness - Includes:	
1		EM1 - Includes:	
	22-01997-20	Plug	1
	22-01997-08	Sealing Plug	9
	22-01997-06	Terminal	3
	22-01997-21	Wire Seal	1
	22-01997-22	Interface Seal	1

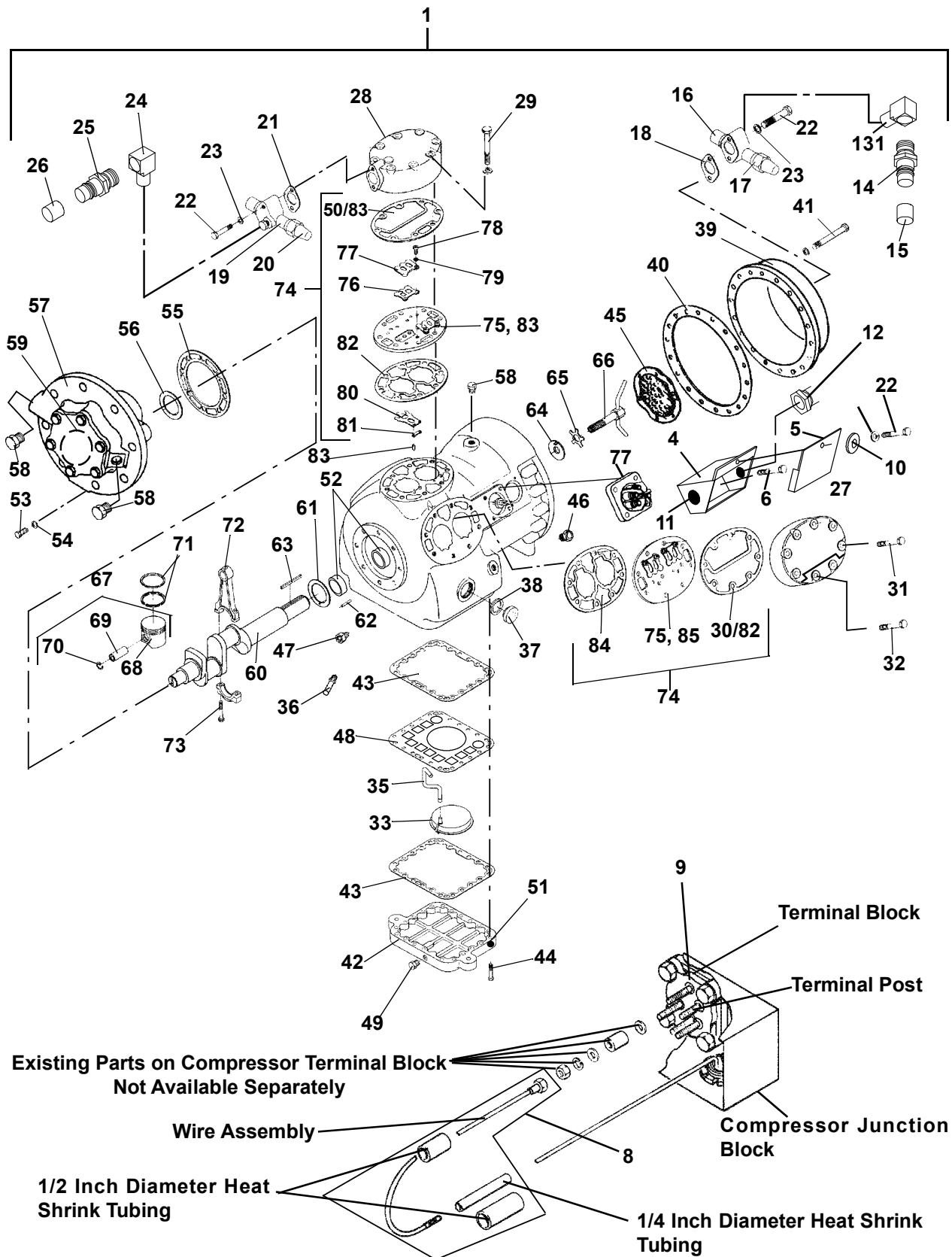
33 WIRING ASSEMBLY, HIGH VOLTAGE HARNESS			
2		EM2 - Includes:	
	22-01997-20	Plug	1
	22-01997-06	Terminal	9
	22-01997-08	Sealing Plug	3
3		ATX Option - Includes:	
	22-01997-12	Plug	1
	22-01997-11	Cap	1
	22-01997-08	Sealing Plug	18
	22-01997-06	Terminal	2
	22-01997-13	Wire Seal	2
	22-01997-14	Interface Seal	1
4		CM - Includes:	
	22-01997-12	Plug	1
	22-01997-06	Terminal	4
	22-01997-08	Sealing Plug	3
	22-01997-13	Wire Seal	1
	22-01997-14	Interface Seal	1
5		CIC - Includes:	
	22-01556-06	Block	1
	22-02324-09	Terminal	3
6		CIB - Includes:	
	22-01556-04	Block	1
	22-01735-00	Terminal	2
7		MA - Includes:	
	22-01622-01	Block	1
	22-01622-03	Terminal	5
8		KA - Includes:	
	22-01556-02	Block	1
	22-01735-00	Terminal	12
9		KB - Includes:	
	22-01556-01	Block	1
	22-01735-00	Terminal	7
10		KD - Includes:	
	22-04031-00	Block	1
	22-04032-00	Terminal	4
11	10-01129-11	Switch, Toggle, Start/Stop (ST)	1

34 HARNESS - LOW VOLTAGE



Item	Part Number	Description	Qty
1	12-00495-01	Sensor, Defrost Temperature (DTS)	1
2	12-00170-08	Sensor, Heater Termination Thermostat (HTT)	1
3	12-00395-02	Sensor, Supply Recorder/Supply Temperature (SRS/STS)	2
4	12-00500-00	Sensor, Return Recorder/Return Temperature (RTS/RRS)	1
5	12-00495-00	Sensor, Ambient Temperature (AMBS)	1
6	22-66691-06	Harness Low Voltage includes:	
		Suction Modulation Valve (SMV) - Includes:	
	22-01585-04	Block	1
	22-01566-01	Terminal	4
	22-02394-02	Cable Seal	4
7		ICF - Includes:	
	22-01660-03	Block	1
	22-01613-14	Terminal	5
8		High Pressure Switch (HPS) - Includes:	
	22-02392-00	Block	1
	22-02393-01	Terminal	2

34 HARNESS - LOW VOLTAGE			
	22-02394-00	Cable Seal	2
9		Condenser Pressure Transducer (CPT) - Includes:	
	22-04248-00	Block	1
	22-01777-03	Terminal	3
10		EC (A-K) - Includes:	
	22-01777-00	Block	1
	22-01777-03	Terminal	16
	22-01777-02	Seal	4
	22-01777-06	Seal	4
	22-01777-07	O- Ring	2
	66U1-6651-24	Bolt	1
11		EC (L- Y) - Includes:	
	22-01777-01	Block	1
	22-01777-03	Terminal	19
	22-01777-04	Seal	21
12		Suction Modulation Valve (SMV) - Includes:	
	22-01585-04	Block	1
	22-01566-01	Terminal	4
	22-02394-02	Seal	4
13		KE - Includes:	
	22-04031-01	Connector	1
	22-04032-00	Terminal	5
14		USDA - Includes:	
	22-01660-00	Connector	4
	22-01613-12	Terminal	8
	22-01614-06	Plug	4
15		USDA - Includes:	
	22-01660-03	Connector	1
	22-01613-12	Terminal	5



35 COMPRESSOR ASSEMBLY**Option 1R - Service Replacement Compressor**

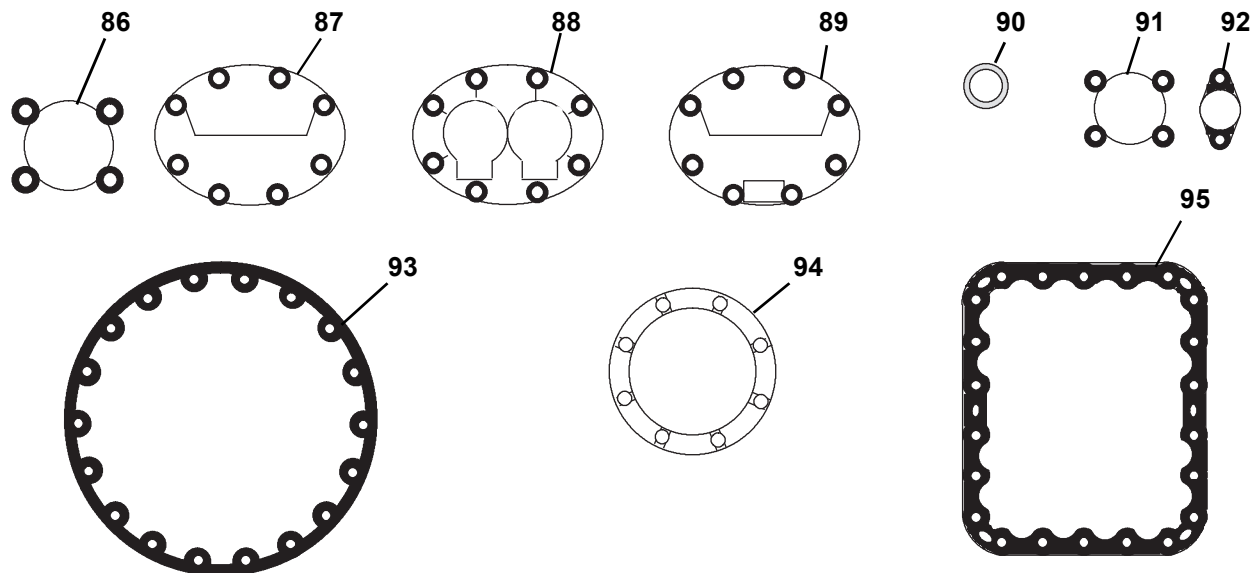
Item	Part Number	Description	Qty
1	18-00055-20SV	Compressor, 41 CFM, Single Speed, 460 vac/3 ph/60 hz	1
NS	07-00292-00	SW20 Compressor Oil, Castrol Icematic (Quart)	4
NOTE Replacement Compressor is sold without terminal box and cover, and without shut- off valves. Customer should retain the original terminal box and valves for use on replacement compressor.			
Terminal Mounting and Junction Box Group			
2	66U1-5371-7	Screw, Hex Head, #10- 24 x 1/2 lg. (cover to box) - SST	2
3	66U1-5321-8	Washer, Flat, #10 (cover to box) - SST	2
4	69NT20-513-1SV	Box, Junction (Located on Front of Compressor) - Includes:	1
	69NT20-513SV	Box, Junction (Located on Back of 230/460v Compressor) - Includes:	1
5	69NT20-2083	Cover, Junction Box	1
6	AD61JA124	Screw, Pan Head, #10- 32 x 3/8 lg. (box to compressor)	4
7	17-40093-06	Terminal, Compressor (5 Terminals)	1
	17-40093-05	Terminal, Compressor (6 Terminals)	1
8	76-00355-00	Kit, Compressor Terminal Wiring (Single Voltage)	1
NS	76-00384-00	Kit, Compressor Terminal Wiring (Dual Voltage or Single Voltage)	1
9	17-40075-05	Gasket, Terminal Plate - Fiber	1
	17-44128-00	Gasket, Terminal Plate - Coated Steel	1
10	34-06053-05	Washer, Mylar, 0.205 ID x 0.600 OD	2
11	66U1-5562-7	Plug, 1- 1/4 Diameter - Plastic	A/R
12	22-02302-03	Connector, 3/4 Conduit	A/R
Service Valve Group			
13	40-00523-00	Elbow, M13 x M13 - Brass	1
14	40-00520-00	Coupling, M13 - Brass - Includes:	1
15	40-00520-02	Cap, Service Port	1
16	14-00206-00	Valve, Suction Shut-Off, 1- 1/8 ODS	1
17	17-10812-00	Cap, Seal	1
18	17-10811-05	Gasket, Suction Service Valve	1
19	14-00206-01	Valve, Discharge Shut-Off, 7/8 ODS	1
20	17-10812-00	Cap, Seal	1
21	17-10811-05	Gasket, Discharge Service Valve	1
22	66U1-5361-46	Bolt, Hex Head, 5/16- 18 x 1- 7/8 lg. - SST	2
23	17-40013-00	Gasket, Bolt, 5/16	2
24	40-00523-01	Elbow, M15 x M15 - Brass	1
25	40-00520-01	Coupling, M15 - Brass - Includes:	1
26	40-00520-03	Cap, Service Port	1

35 COMPRESSOR ASSEMBLY**Compressor - Motor Body Group**

NS	-	Gasket Set (Refer to Section 4.8??)	
27	17-21040-00	Head, Cylinder - Side Bank (Shaved Head)	2
28	17-40016-01	Head, Cylinder - Center Bank	1
29	17-40018-05	Screw, Hex Head - Center Head, 3/8- 16 x 3.00 lg. - SAE Grade 5	8
30	17-44124-00	Gasket, Cylinder Head (Side Bank) - Coated Steel	3
31	17-40034-05	Screw, Hex Head, 3/8- 16 x 2.00 lg. - SAE Grade 5	12
32	17-40037-05	Screw, Hex Head, 3/8- 16 x 1.00 lg. - SAE Grade 5	4
33	17-40020-00	Screen Assembly, Oil Filter	1
34	17-40007-00	Gasket, Bolt, 1/2	4
35	17-21062-00	Tube, Oil Suction	1
36	17-44763-00	Orifice, Oil Relief	1
37	17-21201-00SV	Sight Glass Package, Oil Level - Includes:	1
38	17-44021-00	Gasket, Sight Glass - Coated Steel	1
39	17-20004-00	Cover, Motor End	1
40	17-40029-05	Gasket, Motor End Cover - Fiber	1
	17-44136-00	Gasket, Motor End Cover - Coated Steel	1
41	PL	Screw, Hex Head, 7/16- 14 x 1- 1/4 lg. - SAE Grade 5	18
42	17-40032-00	Plate, Bottom	1
43	17-40033-05	Gasket, Bottom Plate - Fiber	2
	17-44129-00	Gasket, Bottom Plate - Coated Steel	2
44	17-40034-05	Screw, Hex Head, 3/8- 16 x 2.00 lg. - SAE Grade 5	22
45	17-20005-00	Strainer Assembly, Suction	1
46	PL	Plug, Pipe, Oil Fill, 1/4	1
47	17-40042-00	Check Valve Assembly, Oil Return	1
48	17-21063-00	Plate, Screen Hold Down	1
49	PL	Pipe Plug (High & Low Pressure Connection and Oil Drain), 1/4- 18 NPT	3
50	17-44123-00	Gasket, Cylinder Head (Center Bank)	1
51	-	Heater, Crankcase - See section 2.34 ??	1
52	17-40025-00	Bushing, Motor End	2
Pump End Group			
53	17-40037-05	Screw, Hex Head, Bearing Head, 3/8- 16 x 1.00 lg. - SAE Grade 5	8
54	17-40019-00	Gasket, Capscrew, 3/8	8
55	17-44022-00	Gasket, Cover Plate - Coated Steel	1
56	17-55009-01	Washer, Thrust	1
57	17-44137-00	Bearing Head & Low Profile Oil Pump Package - Includes:	1
58	17-44037-00	Plug, Oil Pump (Includes O- ring)	2
59	17-44139-00	Seal, O- ring	1

35 COMPRESSOR ASSEMBLY			
Crankshaft, Rod and Piston Group			
60	17-40413-00	Crankshaft	1
61	17-40050-00	Washer, Thrust	1
62	17-40048-00	Pin, Spiral, 5/32 Diameter x 5/8 lg.	2
63	34-01110-00	Key, Rotor Drive	1
64	17-21075-00	Washer, Rotor	1
65	17-21076-00	Washer, Star, Rotor, 5/8	1
66	17-21077-00	Tube Assembly, Equalizer	1
67	17-44115-01	Piston & Pin Pkg (Standard) - Includes:	6
	17-44115-20	Piston & Pin Pkg (+0.020) - Includes:	A/R
68	NSS	Piston	1
69	17-40052-00	Pin, Piston	1
70	17-40053-00	Retainer, Piston Pin	2
71	17-40055-00	Ring, Compression (Standard)	12
	17-55025-00	Ring, Compression (+0.020)	12
72	17-40056-02	Connecting Rod and Cap Assembly (Standard) - Includes:	6
	17-55023-00	Connecting Rod and Cap Assembly (+0.010) - Includes:	6
NS	17-40057-00	Pin, Dowel	2
73	17-55008-00	Capscrew - Special (Epoxy Coated)	2
Valve Plate Group			
74	17-44109-00	Package, Valve Plate Assembly (All Banks - Canted) - Includes:	3
NS	NSS	Plate Assembly, Valve - Includes:	1
75	NSS	Plate, Valve	1
76	17-40086-00	Valve, Discharge	2
77	17-44160-00	Backer, Discharge Valve Stop	2
78	17-44113-00	Screw, Hex Head, 1/4- 28 x 3/8 lg.	4
79	17-10715-00	Washer, Lock, 1/4	4
80	17-40082-00	Valve, Suction	2
81	17-40083-00	Spring, Suction Valve Positioning	2
82	17-44124-00	Gasket, Cylinder Head (Side Bank) - Coated Steel	1
83	17-44123-00	Gasket, Cylinder Head (Center Bank) - Coated Steel	1
84	17-55002-00	Gasket, Valve Plate	1
85	17-40057-00	Pin, Dowel (Valve Plate)	12

35 COMPRESSOR ASSEMBLY



Gasket Set

-	17-55020-21	Gasket Set - Includes:	1
86	17-40005-05	Gasket, Suction Service Valve (4 Bolt)	1
87	17-44124-00	Gasket, Cylinder Head - Side Bank (Standard)	2
88	17-55002-00	Gasket, Valve Plate	3
89	17-44123-00	Gasket, Cylinder Head - Center Bank	1
90	17-44021-00	Gasket, Sight Glass	2
91	17-40075-05	Gasket, Oil Pump Cover	2
92	17-10811-05	Gasket, Service Valve (2 Bolt)	2
93	17-40033-05	Gasket, Bottom Plate	2
94	17-44022-00	Gasket, Pump End Bearing Head	1
95	17-40029-05	Gasket, Motor End Cover	1

Tools

	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	Adapter, Male (Both Ends) (Use with Temperature Tester)	
	07-00015-00	Case, Carrying (Used with 07- 00013- 00)	
	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)	

35 COMPRESSOR ASSEMBLY			
	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	
	07-00408-00	Stepper Jumper Assembly	
	07-00418-00	Torx Driver Bit	
Refer to Manual 62-03213			

INDEX

Numerics

07-00013-00	82	12-00474-01	49
07-00013-01	82	12-00495-00	76
07-00013-02	82	12-00495-01	76
07-00013-03	82	12-00500-00	76
07-00015-00	82	12-00594	40
07-00228-00	82	12-00615	41
07-00229-00	82	12-00745-00SV	56
07-00238-00	82	12-50089-00	67
07-00243-10	82	12-55011	40
07-00263-00	82	14-00206-00	25, 79
07-00264-00	83	14-00206-01	25, 79
07-00277-00	83	14-00212-06	28
07-00292-00	79	14-00220-04	28
07-00294-00	83	14-00221-04	28
07-00294-05	83	14-00222-02	28
07-00295-00	83	14-00273-08	55
07-00304-00	83	14-00284-20	28
07-00329-00	83	14-00341-04	28
07-00330-00	83	14-00353-04	25
07-00370-00	83	14-00353-20	25
07-00375-00	83	17	82
07-00387-00	83	17-10715-00	81
07-00391-00	83	17-10811-05	79, 82
07-00397-02	83	17-10812-00	79
07-00397-03	83	17-20004-00	80
07-00398-00	83	17-20005-00	80
07-00408-00	83	17-21040-00	80
07-00418-00	83	17-21062-00	80
07-00437-00	82	17-21063-00	80
07-00450-00	82	17-21075-00	81
09-00375-00	41	17-21076-00	81
10-00083-06	48, 49	17-21077-00	81
10-00083-07	48, 49	17-21201-00SV	80
10-00083-08	48, 49	17-40005-05	82
10-00332-21SV	70	17-40007-00	80
10-00431-11	70	17-40013-00	79
10-00439-02	70	17-40016-01	80
10-00446-01	39	17-40018-05	80
10-01129-05	41	17-40019-00	80
10-01129-11	41, 75	17-40020-00	80
10-01129-12	41	17-40025-00	80
10-01129-15	39	17-40029-05	80, 82
10-01129-20	39, 65	17-40032-00	80
12-00170-08	76	17-40033-05	80, 82
12-00352-00	28	17-40034-05	80
12-00395-02	76	17-40037-05	80
12-00433-03RP	43	17-40042-00	80
		17-40048-00	81
		17-40050-00	81

17-40052-00	81	22-01613-07	56
17-40053-00	81	22-01613-12	77
17-40055-00	81	22-01613-13	56
17-40056-02	81	22-01613-14	76
17-40057-00	81	22-01613-15	67
17-40075-05	79, 82	22-01614-06	77
17-40082-00	81	22-01622-01	75
17-40083-00	81	22-01622-03	75
17-40086-00	81	22-01660-00	77
17-40093-05	79	22-01660-02	67
17-40093-06	79	22-01660-03	63, 76, 77
17-40413-00	81	22-01660-05	63, 67
17-44021-00	80, 82	22-01679-00	47, 48, 49
17-44022-00	80, 82	22-01713-49	43
17-44037-00	80	22-01733-01	17
17-44109-00	81	22-01735-00	75
17-44113-00	81	22-01777-00	77
17-44115-01	81	22-01777-01	77
17-44115-20	81	22-01777-02	77
17-44123-00	80, 81, 82	22-01777-03	77
17-44124-00	80, 81, 82	22-01777-04	77
17-44128-00	79	22-01777-06	77
17-44129-00	80	22-01777-07	77
17-44136-00	80	22-01778-00	47
17-44137-00	80	22-01879-33	18
17-44139-00	80	22-01879-68	18
17-44160-00	81	22-01997-06	74, 75
17-44763-00	80	22-01997-08	74, 75
17-55002-00	81, 82	22-01997-11	75
17-55008-00	81	22-01997-12	75
17-55009-01	80	22-01997-13	75
17-55020-21	82	22-01997-14	75
17-55023-00	81	22-01997-20	74, 75
17-55025-00	81	22-01997-21	74
18-00055-20SV	79	22-01997-22	74
22-00049-01	65	22-02205-00	63, 67
22-00518-01	65	22-02302-03	70, 79
22-00519-01	65	22-02319-05	47, 48, 49
22-01292-02	70	22-02319-06	47, 48, 49
22-01455-03	39	22-02324-09	75
22-01556-00	66	22-02336-02	40
22-01556-01	75	22-02336-04	39
22-01556-02	75	22-02336-08	40
22-01556-04	75	22-02341-01	65
22-01556-06	75	22-02378-00	18
22-01566-01	76, 77	22-02392-00	76
22-01585-04	76, 77	22-02393-01	76
22-01602-02	17	22-02394-00	77
22-01602-03	17	22-02394-02	76, 77
22-01604-00	65	22-04031-00	75
22-01613-06	56	22-04031-01	77

22-04032-00	75, 77	34-01150-03	11
22-04043-00	73	34-01150-04	11
22-04044-00	73	34-01150-06	11
22-04044-01	73	34-01150-30	11
22-04248-00	77	34-01150-31	11
22-50127-00	67	34-01167-01	22
22-66651-00	18	34-01178-22	39, 70, 73
22-66691-06	76	34-01178-23	39
24- 66603- 00	50	34-01181-01	47, 48, 49
24-02019-02	73	34-06053-00	5, 17, 28, 34, 39, 47, 60, 73
30-00407-02SV	41	34-06053-01	73
34- 00655- 10	50	34-06053-02	31, 47, 48, 49, 72
34- 00663- 11	50	34-06053-03	15, 22, 25, 39, 73
34-00928-07	64	34-06053-05	6, 22, 28, 47, 48, 49, 79
34-06053-00	18, 43, 64	34-06053-07	73
34-06053-05	43	34-06053-10	47, 48, 49
34-06107-00	43	34-06053-13	7, 70
34-06139-04	43	34-06053-15	5
34-06169-00	43	34-06053-18	5, 8
34-00373-07	28	34-06053-19	8
34-00373-51	55	34-06124-00	60
34-00373-54	28	34-06136-01	47, 48, 49
34-00373-59	55	34-06136-02	47, 48, 49
34-00655-04	12, 70	34-06139-00	63
34-00655-08	7, 70, 73	34-06139-01	63
34-00655-10	15, 60	34-06139-04	63
34-00655-12	50, 60	34-06142-00	63, 67
34-00662-11	73	34-06154-00	7
34-00663-07	70	34-06154-03	17
34-00663-09	70	34-06185-01	8
34-00663-11	55	34-06212-12	7
34-00667-05	65	34-06212-17	8
34-00667-09	15	34-06221-00	49
34-00667-11	15, 47, 48, 49, 73	34-06269-12	55, 60
34-00667-12	31, 47, 48, 49	34-66627-00	8
34-00667-14	73	34-66644-00	8
34-00792-07	5	38-00620-01	31
34-00795-09	47	40-00520-00	79
34-00848-10	65	40-00520-01	28, 79
34-00849-22	72	40-00520-02	25, 79
34-00928-01	15	40-00520-03	25, 79
34-00928-02	47, 48	40-00523-00	79
34-00928-04	11, 39	40-00523-01	79
34-00928-07	5, 60	40-00542-00	25
34-00928-09	5, 28, 55, 60	40-00542-01	25
34-00928-13	23	40-00640-00	34
34-00928-20	5, 11, 17, 34, 39, 63	40-66620-03	28
34-00928-21	60	42-00741-00	43
34-01110-00	81	42-00032-11	25
34-01121-00	6	42-00032-12	25
34-01142-01	15	42-00032-13	28

42-00032-14	55	56-09031-00	55
42-00032-15	55	56-09032-00	61
42-00065-01	6	56-09146-00	28
42-00174-110	11	56-09147-00	55
42-00174-111	11, 12	56-09183-00	55
42-00174-116	11	56-09184-00	55
42-00174-117	12	56-09185-00	55
42-00174-118	12	56-66743-00	25
42-00174-119	12	58-04101-00	43
42-00174-120	12	58-04101-02	43
42-00174-121	12	58-04366-00	43
42-00174-34	11	58-04954-00	43
42-00237-12	55	58-00065-10	55
42-00296-01	7, 8	58-00065-46	55
42-00327-00	7, 8	58-00065-56	55
42-00328-00	47, 48, 49	58-00065-84	34
42-00334-00	11	58-00065-93	70
42-00366-00	48	58-00616-00	16
42-00407-00	8	58-00701-03	15
42-00425-116	25	58-00848-13	70
42-00425-128	25	58-00906-24	39
42-00425-129	25	58-00967-00	15, 70
42-00465-01	29	58-00969-00	8, 39, 70
42-00471-01	49	58-01094-02	6
42-00570-00	60	58-01097-00	63
42-00784-00	28, 29	58-01184-00	40
42-00784-01	28, 29	58-01231-00	6
42-00784-02	28, 29	58-04001-01	22
42-00784-03	28, 29	58-04001-02	23
42-66644-00	25	58-04026-07	47
44-00477-00	43	58-04026-113	31
44-00361-00	39, 70	58-04026-17	47, 48, 49
44-00370-03	28, 55, 73	58-04026-23	28
44-00370-08	55	58-04026-25	47, 48, 49
44-00370-10	55	58-04026-32	15
44-00391-00	43	58-04026-52	28
44-00401-00	22	58-04246-00	70
44-00409-00	23	58-04246-02	61
44-00473-00	63	58-04273-00	39, 70
44-01041-04	39	58-04276-00	39
44-66608-01	61	58-04279-00	39
48-66623-00	63	58-04290-01	17
54-00513-02	51	58-04302-01	17
54-00655-20	31	58-04315-00	39
56-07323-00	55	58-04316-00	6, 39, 43
56-08348-00	55	58-04321-24	39
56-08954-00	28	58-04376-03	8
56-08955-00	28	58-04378-01	7
56-08969-00	25	58-04480-00	5
56-09024-00	25	58-04497-01	34
56-09029-00	55	58-04499-00	5

58-04664-00	55	66U-1-3882	6, 25, 28, 39, 70
58-04680-00	15	66U1-3882	43, 67
58-04910-02	28, 29	66U-1-3882-2	39
58-04910-03	28	66-U-1-3882-3	25
58-04910-04	28	66U-1-3882-3	39, 55
58-04910-05	28	66U-1-5321-13	9
58-04910-06	5	66U1-5321-2	73
58-04910-07	5	66U-1-5321-3	5, 15, 55, 61
58-04910-09	15	66U1-5321-3	12, 47, 48, 49
58-04935-00	61	66U1-5321-5	72
58-04960-00	43	66U-1-5321-6	65
58-04968-00	61	66U-1-5321-7	5, 15, 28, 39, 70
58-04980-00SV	31	66U1-5321-7	17, 22, 34, 47, 73
58-04990-00	61	66-U---1--5321-8	56
62-02719-00	40	66U-1-5321-8	15, 28, 39, 70
62-10783-03	39	66U1-5321-8	22, 34, 43, 47, 48, 49, 66, 73, 79
62-10911-00	15		
62-11270-20	39	66U-1-5331	5
62-11275-00	67	66U1-5331-3	22
62-11276-00	6	66-U---1--5361	31
62-11729-00	67	66U1-5361-11	73
62-11731-02	65	66-U---1--5361-25	31
62-11731-03	65	66U-1-5361-25	6, 28, 39, 55, 61
62-11746-00	55	66U1-5361-25	22, 34, 47, 73
62-66096-02	39	66U-1-5361-46	25
62-66096-03	39	66U1-5361-46	79
65-00144-00	55	66U-1-5361-47	61
65-66607-02	28	66U1-5361-7	72
66-1-5362-2	9	66-U---1--5371-10	56
66CH-1-1002-33	9	66-U---1--5371-14	39
66CH-1-1012-59	55	66U-1-5371-6	25, 28, 39
66CH-1-1172-2	8	66U1-5371-6	34, 43, 47, 48, 49, 73
66CH-1-1172-28	70	66-U---1--5371-7	56
66CH-1-1172-32	70	66U-1-5371-7	6, 15, 39, 70
66CH-1-1172-43	70	66U1-5371-7	40, 43, 47, 48, 49, 66, 67, 79
66NS1201CD0020	70	66U-1-5381-1	55
66U1- 5321- 3	50	66U-1-5381-4	55
66U1-2403-1	43	66U1-5562-12	16, 17, 34
66U1-5361-25	18, 31, 64	66U-1-5562-2	9, 61
66U1-6811-8	43	66U1-5562-2	7, 16
66U-1-1571-3	55	66-U---1--5562-7	15
66-U---1--2403	11, 63	66U-1-5562-7	15
66U1-2403	11, 22	66U1-5562-7	79
66U-1-2583-43	8	66U-1-6651-19	70
66U1-2593-4	11	66U1-6651-24	77
66U1-2603	22	66-U---1--7842-12	70
66U1-2803-11	11	66U-1-7842-6	70
66-U-1-3632-20	25	66U-1-7842-7	70
66U-1-3803	70	66U-1-8292-1	8
66-U---1--3882	56, 63	66U-1-8662	6
66U-1--3882	55	66-U---1--9592-13	15

66U-1-9592-13	15	68-17190-00	55
66U-1-9752	65	68-17196-00	29
66U-2-1132-2	8	68-17200-00	6
66U2-1531-1	48, 49	68-17201-00	61
66U2-1531-3	47, 48, 49	68-17290-00	29
66U-2552-185	9	68-17290-03	29
68- 16894- 00	50	68-17293-00	11
68-12821-00	18, 64	68-17293-03	11
68-16063-00	18	68-17294-03	61
68-17298-00	43	68-17336-00	11
68-11989-00	7	68-17336-01	11
68-12432-00	73	68-17337-00	11
68-12432-01	73	68-17338-00	11
68-12432-02	73	68-17344-02	6
68-12432-03	73	68-17345-00	61
68-12523-00	73	68-17405-00	70
68-12933-00	9	68-17420-00	34
68-12940-00	9	68-17719-00	11
68-12993-00	73	68-17720-00	11
68-13181-03	56	68-86230-00	15
68-13707-02	22	68-86249-00	61
68-13832-00	48	68-86250-00	61
68-13961-00	48, 49	68-86255-00	22
68-14029-00	6	68-86259-00	63
68-14124-01	11	69NT20-2083	79
68-14456-02	47	69NT20-513-1SV	79
68-14739-00	34	69NT20-513SV	79
68-15015-00	55	69NT35-1076	48, 49
68-16521-00	5	69NT35-1076-1	48, 49
68-16665-00	61	69NT35-2086	47, 48, 49
68-16695-00	5	69NT35-2692	11, 40
68-16704-01	61	69NT-35-2692-1	39, 61
68-16715-00	55	69NT35-2692-1	31, 50
68-16735-00	43	69NT--35--2692-4	70
68-16764-00	61	69NT35-2692-4	66
68-16817-00	61	69NT35-3286-1	11
68-16823-00	28	69NT35-3296	11
68-16864-00	29	69NT--35--3452	31
68-16893-00	55	69NT--35--3452-1	31
68-17023-00	67	69NT--35--3452-2	31
68-17037-00	5	69NT--35--3452-3	31
68-17037-01	6	69NT--35--3907	56
68-17044-00SV	6	69NT35-5992	22
68-17089-00	55	69NT35-6132	72
68-17118-00	6	69NT35-636-1	67
68-17127-00	61	69NT35-7662-4	11
68-17129-03	6	69NT-35-8113	6
68-17145-00	61	69NT35-8258	17
68-17154-00	61	69NT-35-8284	73
68-17175-00	12	69NT--35--9073-1	70
68-17188-00	6, 61	69NT-40-476	61

69NT-40-657-4	6
69NT40-914-4	47, 48, 49
69NT41-892	47, 48, 49
69NT43-270-1	47, 48, 49
69NT43-282	47, 48, 49
69NT43-374	47, 48, 49
69NT-43-420	29
69NT43-469	72
76-00355-00	79
76-00384-00	79
76-00667-07	47, 48
76-00766-00	73
76-50149-00	41
79-04018-08	43
79-04046-00	43
79-04047-00	43
79-01695-00	8
79-01697-06SV	7
79-04045-00	11
79-04045-03	11
79-04055-03	29
79-04143-01	11
79-66669-00	43
79-66714-01	28
79-66720-04	15
79-66729-01	11
81-04186-20	55
81-04203-20	28

86-04987-02	43
86-04956-00	50
86-04994-00	29
86-05078-00	6
86-66733-00	63
91-00451-26	74
99TS0528CK002000	25
99TS0628CK002500	29
99TS0835CK001200	29

A

AA06JA170	47
AD61JA124	79
--AT--39JA-171	15
AT39JA171	66
AU11JR241	72
--AU--27JR-131	56, 63
AU27JR131	43
--AU--27JR-171	15, 39
AU27JR171	47, 48, 49, 66

E

EC39DM062	28
-----------	----

M

--MS51007-4	65
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