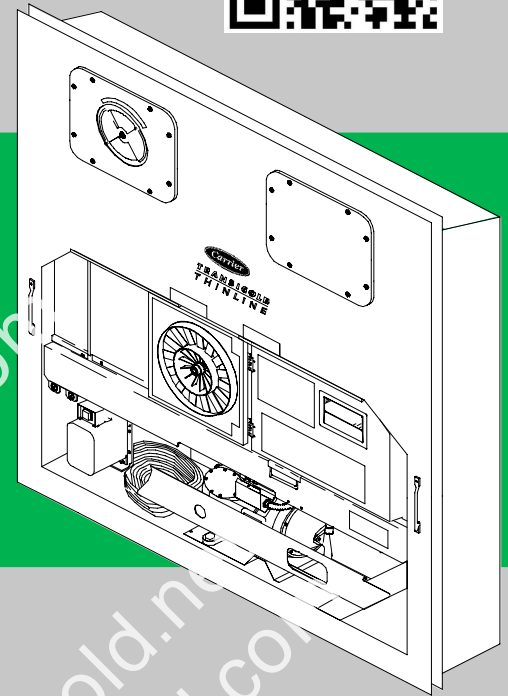
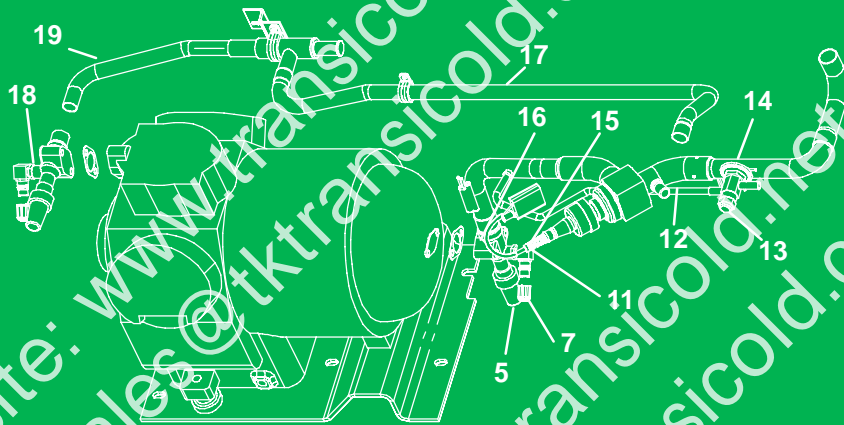




Container Refrigeration



SERVICE PARTS LIST
for
69NT40-541-300 to 399
Container Refrigeration Units



TRANSICOLD



**SERVICE PARTS LIST
CONTAINER REFRIGERATION UNIT**

**MODELS
69NT40-541-300 to 399**

TABLE OF CONTENTS



PARAGRAPH NUMBER	Page
INTRODUCTION	iii
CONFIGURATION IDENTIFICATION	iii
OPTION DESCRIPTIONS	iii
1 QUICK LIST-CLAMPS, DRIER, FUSE, TY-RAPS, TERMINALS & REPLACEMENTS	1
2 REFRIGERATION UNIT ASSEMBLY	2
2.1 REFRIGERATION UNIT - AREA LOCATOR	2
2.2 RAIN GUTTERS	4
2.3 HANDLES	4
2.4 THERMOMETER PORT	5
2.5 CONTROL BOX DOOR - LCD and LED Displays	6
2.6 CONTROL BOX	8
2.7 CONTROL BOX - SHIELDS REMOVED, STD ELECTRICAL COMPONENTS, RM, HOURMETER & CFS	10
2.8 CONTROL BOX - SINGLE EVAPORATOR FAN CAPABILITY, EBS, ED	12
2.9 CONTROL BOX - CONTROLLER MODULE SECTION AND SOFTWARE CARDS	14
2.10 CONTROL BOX - DISPLAY MODULE & COMMUNICATIONS INTERFACE MODULE	16
2.11 CONDENSER FAN MOTOR AND CONDENSER COIL SECTION	18
2.12 COMPRESSOR TUBING SECTION	20
2.13 RECEIVER SECTION	22
2.14 WATER-COOLED CONDENSER SECTION	24
2.15 SRS AND STS SECTION	26
2.16 THERMOSTATIC EXPANSION VALVE	27
2.17 UPPER FRESH AIR MAKE-UP AND ACCESS PANEL SECTION	28
2.18 LOWER FRESH AIR MAKE-UP VENT	30
2.19 EVAPORATOR FAN ASSEMBLY & TRANSFRESH SECTION	32
2.20 EVAPORATOR COIL SECTION - REAR PANELS REMOVED	34
2.21 USDA SECTION	36
2.22 BACK PANEL ASSEMBLY - OPTION 1 - ALUMINUM BOLTED	38
2.23 BACK PANEL ASSEMBLY - OPTION 3 - ALUMINUM BOLTED-PROBE ACCESS DOOR	40
2.24 BACK PANEL ASSEMBLY - OPTION 4 - ALUMINUM HINGED	42
2.25 BACK PANEL ASSEMBLY - OPTION 5 - STAINLESS STEEL HINGED	44
2.26 OPTION 7 AND OPTION 8 - ELECTRONIC PARTLOW TEMPERATURE RECORDER	46
2.27 OPTION 9 - NO TEMPERATURE RECORDER	46
2.28 COMPRESSOR MOUNTING, GUARD, CRANKCASE HEATER COMPONENTS	48
2.29 COMPRESSOR GAUGES AND TRANSDUCERS	50
2.30 CABLE RESTRAINT COMPONENTS	52
2.31 VOLTAGE CABLES	54
2.32 AUTOTRANSFORMER KIT	56
2.33 LABELS AND DECALS (Not Applicable to All Units)	58
3 INTERROGATOR AND ACCESSORIES	60
3.1 DataView/DataReader	60
3.2 INTERROGATOR RECEPTACLE	62

TABLE OF CONTENTS (Continued)

PARAGRAPH NUMBER



4	COMPRESSOR ASSEMBLY	
4.1	OPTION 1R - SERVICE REPLACEMENT COMPRESSOR	
4.2	TERMINAL MOUNTING AND JUNCTION BOX GROUP	
4.3	SERVICE VALVE GROUP	
4.4	COMPRESSOR - MOTOR BODY GROUP	65
4.5	PUMP END GROUP	66
4.6	CRANKSHAFT, ROD AND PISTON GROUP	66
4.7	VALVE PLATE GROUP	67
4.8	GASKET SET	67
5	CONTROLLER/DATACORDER CONFIGURATION	68
6	TOOLS	69

INTRODUCTION

1 INTRODUCTION

The Carrier Transicold model 69NT40-541-300/399 series units are of lightweight aluminum frame construction, designed to fit in the front of a container and serve as the container front wall.

2 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 provision to allow for field installation of optional equipment and differences in detailed parts.

Configuration identification for the models covered herein may be obtained on the Container Products Group Information Center by authorized Carrier Transicold Service Centers.

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 a rechargeable battery pack.

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 the dehumidification mode the controller will operate to reduce internal container moisture level.

3.3 Control Box

The control box is made of a composite material and may be fitted with a lockable door.

3.4 Display Module

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

3.5 Temperature Readout

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

3.6 Pressure Readout

The unit may be fitted with suction and discharge pressure gauges or suction and discharge transducers or no pressure readout. The transducer readings may be viewed on the controller display.

3.7 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.

3.8 Interrogator

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



3.9 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.

3.10 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.

3.11 Compressor

The unit is fitted with a single speed reciprocating compressor.

3.12 Condenser Coil

The unit is fitted with a 3 row coil using 7mm tubing.

3.13 Autotransformer

An autotransformer may be provided to allow operation on 190/230, 3phase, 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 fitted with an autotransformer and communications module, the autotransformer will be fitted with a transformer bridge unit (TEU) to assist in communications.

3.14 Temperature Recorder

Units may be fitted with an electronic recorder.

3.15 Gutters

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

3.16 Handles

The unit may be fitted 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).

3.17 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.

3.18 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 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. Depending on the unit's configuration and the compressor discharge temperature the condenser fan may also be activated during water cooled condenser operation.

3.19 Back Panels

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

3.20 460 Volt Cable

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

3.21 230 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 each customers requirements.

3.22 Cable Restraint

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

3.23 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 USDA screens.

3.24 Lower Air (Fresh Air Make Up)

The unit may be fitted with a lower fresh air makeup assembly. These assemblies are available with a Vent Positioning Sensor (VPS) and may also be fitted with USDA screens.

3.25 Controlled Atmosphere

Controlled atmosphere units may be fitted with the TransFresh or the complete Carrier Transicold EverFresh option.

For information on the TransFresh system, contact TransFresh Corporation, P.O. Box 1788, Salinas CA 93902

The EverFresh option is the addition of the Carrier Transicold EverFresh controlled atmosphere system. This system continuously monitors and controls oxygen and carbon dioxide levels in the container.

3.26 Arctic Mode

To improve operation in cold ambients, the unit may be fitted with a crankcase heater. The crankcase heater is

operated any time the unit is under pressure and the compressor is not running. The purpose of the crankcase heater is to warm the compressor oil and boil off any refrigerant that may be present in the crankcase.

3.27 Power Correction

The unit may be fitted with a set of power factor correction capacitors to assist in correcting an imbalance in current draw by the compressor.

3.28 Evaporator

Evaporator section options include a hermetic thermal expansion valve and two sizes of heat exchangers.

3.29 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 contactors are installed to allow the unit to continue to operate on a single fan.

3.30 Labels

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

3.31 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.

3.32 Controller

Two different 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.

3.33 Condenser Grille

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

3.34 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. The EMERGENCY DEFROST switch functions to bypass the all controls and place the unit in the defrost mode.



OPTION LEGEND



General	
-	Feature Not Applicable
X	Features that apply to model
P	Factory Installation of Equipment to Allow Field Installation
Battery Codes	
R	Rechargeable Cells
Control Box Codes	
C	Composite Box Without Door Lock
CL	Composite Box With Door Lock
Display Module Codes	
1	LCD Display
2	LED Display
Pressure Readout Codes	
G	Factory Installed Pressure Gauges
T	Factory Installed Pressure Transducers
SG	Factory Installed Suction Pressure Gauge
USDA/Cable Codes	
D/-	Option D Only
V/-	Option V Only
D/1	Option V/Option 1
V/1	Option V/Option 1
D/2	Option V/Option 2
V/2	Option V/Option 2
Interrogator Codes	
1	Left Straight Mount
2	Right Straight Mount
3	Box Mount
4	Left Mount
5	Left Angled Mount
6	Right Mount
Communications Codes	
2	High Data Rate
4	Low Data Rate
Compressor Codes	
1R	Single Speed Reciprocating
Condenser/Receiver Codes	
3	Three Row (7mm) Coil

AutoTransformer Codes	
1	Transformer
2	Transformer With
3	Transformer With CE
4	Transformer With CB2 and Transformer Bridging Unit
Temperature Recorder Codes	
7	Standard Electronic Partlow
8	Special Electronic Parlow
9	No Temperature Recorder
10	Electronic Partlow (Both)
Gutter Codes	
1	Standard Length Bolted Gutters
3	Extended Length Gutters
4	Riveted Gutters
Handle Codes	
1	Two Side and One Center
2	Two Side
3	One Center
4	One Right Side and Two Center
Thermometer Port Codes	
1	Supply Air Port
2	Return Air Port
B	Both Ports
Water Cooling Codes	
W	Water Pressure Switch
F	Condenser Fan Switch
Back Panel Codes	
1	Bolted Panels
2	Bolted Panels With USDA Door
4	Hinged Panels
5	Hinged Stainless Steel Panels
460 Volt Cable Codes	
1	Option 1
2	Option 2
3	Option 3
4	Option 4
5	Option 5
6	Option 6
7	Option 7
8	Option 8
9	Option 9
10	Option 10

230 Volt Cable Codes	
1	Option 1
2	Option 2
3	Option 3
4	Option 4
5	Option 5
6	Option 6
7	Option 7
8	Option 8
9	Option 9
Cable Restraint Codes	
1	Cable Door
2	Left Bungy Cord Only
3	J-Hook
4	Left and Right Bungy Cord
5	Left Bungy Cord With Left Extended Guard
6	Left & Right Bungy Cords With Extended Guards
Upper Air Codes	
1	No Upper Fresh Air
2	Upper Fresh Air Installed
3	Upper Fresh Air Installed With USDA Screen
4	Upper Fresh Air Installed with Vent Position Sensor (VPS)
Lower Air Codes	
1	No Lower Fresh Air
2	Lower Fresh Air Installed
3	Lower Fresh Air With USDA Screen Installed
4	Lower Fresh Air Installed with Vent Position Sensor (VPS)

Controlled Atmosphere	
1	TransFresh
2	Carrier Transicold Everfresh
Arctic Mode Codes	
C	Crankcase Heater
Condenser Grille Codes	
B	Bolted Grille
H	Hinged Grille
Evaporator Codes	
5	Coil With Hermetic TXV & Standard Heat Exchanger (6 Heaters)
6	Coil With Hermetic TXV & Large Heat Exchanger (6 Heaters)
Evaporator Fan Codes	
1	Normal Evaporator Fan Operation
2	Single Evaporator Fan Operation Capability
Label Codes	
1	English
2	English / Spanish
3	English / French
4	English / Korean
5	English / Traditional Chinese
6	English / Simplified Chinese
7	English / Japanese / Chinese
8	English/German
Emergency Bypass Codes	
B	Emergency Bypass & Emergency Defrost
EB	Emergency Bypass Only



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

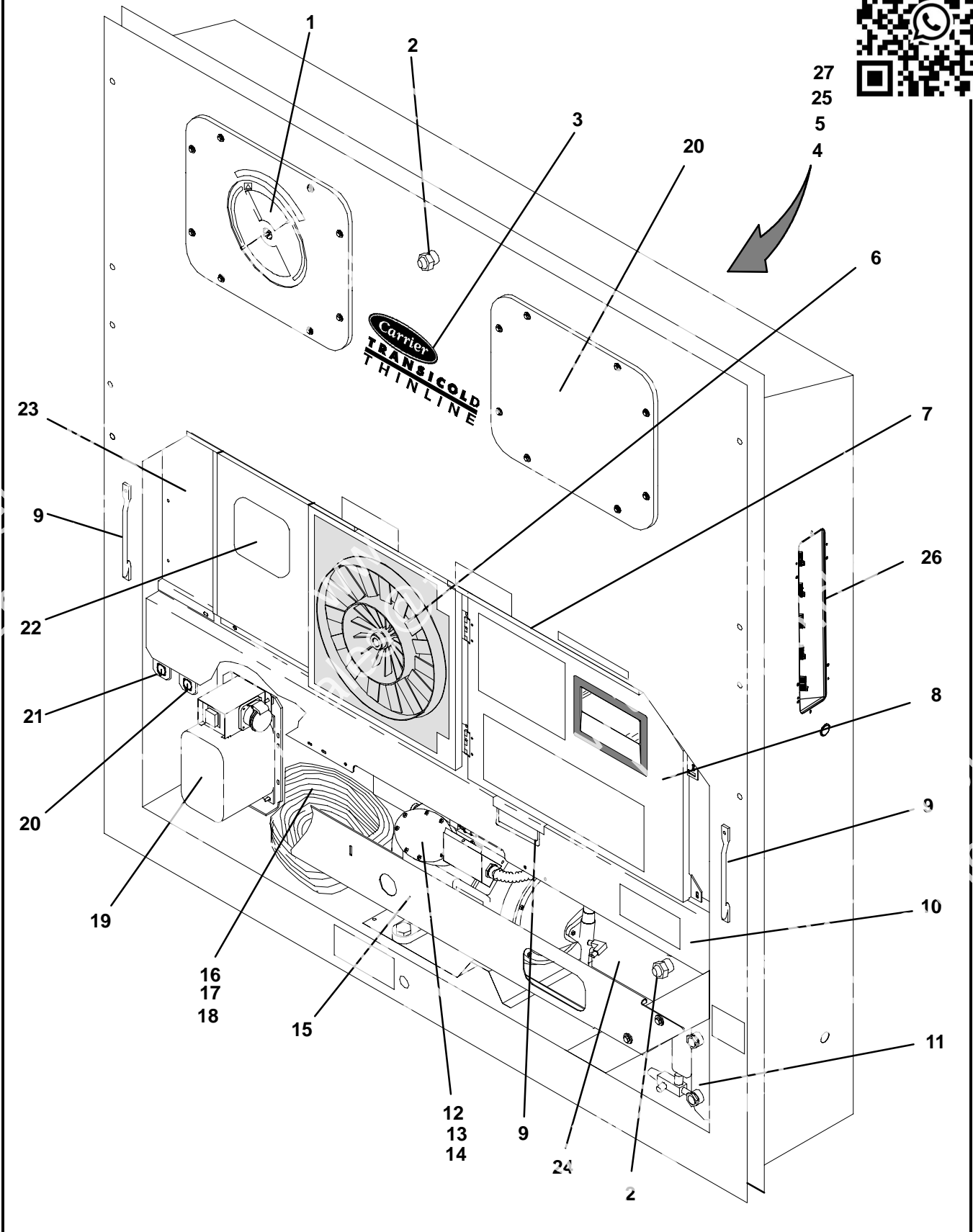
Letter Designations

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.*

1 QUICK LIST - CLAMPS, FILTER-DRIER, FUSE, TY-RAPS, WIRE TERMINALS AND UNIT FRAMES		INT
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	
14-00341-02SV	Filter-Drier	
22-02336-02	Fuse, 5 Amp (F1 & F2)	
22-02336-22	Fuse, 7.5 Amp (F3A/B)	
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	
76-00397-00	Paint, Compressor Touch-Up, Blue	
69NT-43-468	Unit Frame, Service Replacement	
69NT-43-468-1	Contact Carrier Replacement Components Group for application	

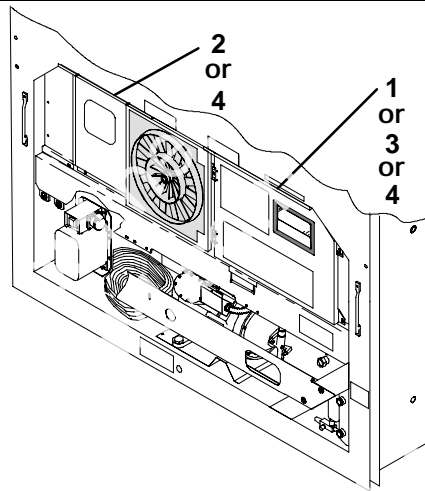
2 REFRIGERATION UNIT ASSEMBLY
2.1 REFRIGERATION UNIT - AREA LOCATOR



2.1 REFRIGERATION UNIT - AREA LOCATOR

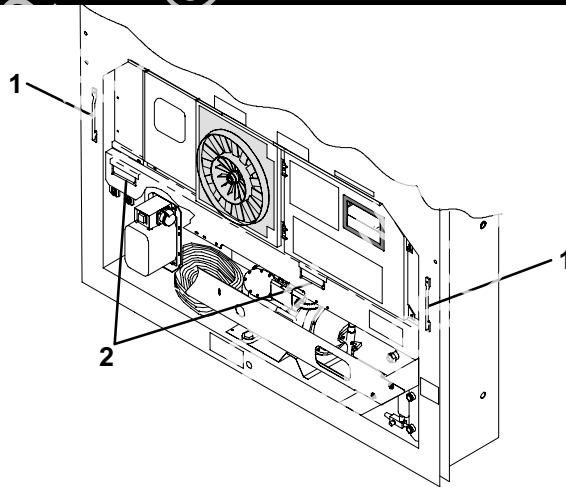
Item	Section Number	Area Description
1	Refer to Section 2.17	Upper Fresh Air Makeup & Access Panels
2	Refer to Section 2.4	Thermometer Port
3	Refer to Section 2.33	Labels and Decals
4	Refer to Section 2.19	Evaporator Fan Assembly
5	Refer to Section 2.20	Evaporator Coil
6	Refer to Section 2.11	Motor, Condenser Fan
7	Refer to Section 2.2	Rain Gutters
8	Refer to Section 2.5 - 2.10	Box, Control
9	Refer to Section 2.3	Handles
10	Refer to Section 2.11	Coil, Condenser and Fan, Condenser
11	Refer to Section 2.13 or 2.14	Receiver or Water-Cooled Condenser
12	Refer to Sections 2.28 or 4	Compressor
13	Refer to Sections 2.12	Compressor Tubing
14	Refer to Sections 2.29	Compressor Gauges and Transducers
15	Refer to Section 2.28	Guard, Compressor
16	Refer to Section 2.31	Cable, Power
17	Refer to Section 2.31	Plug, Power
18	Refer to Section 2.30	Cable Restraint
19	Refer to Section 2.32	Autotransformer
20	Refer to Section 2.19	Transfresh
21	Refer to Section 3	Interrogator and Accessories
22	Refer to Section 2.26, 2.27	Temperature Recorder
23	Refer to Section 2.18	Lower Fresh Air Makeup
24	Refer to Section 2.15	SRS and STS
25	Refer to Section 2.16	Thermostatic Expansion Valve
26	Refer to Section 2.21	USDA
27	Refer to Section 2.22-2.25	Back Panels

2.2 RAIN GUTTERS



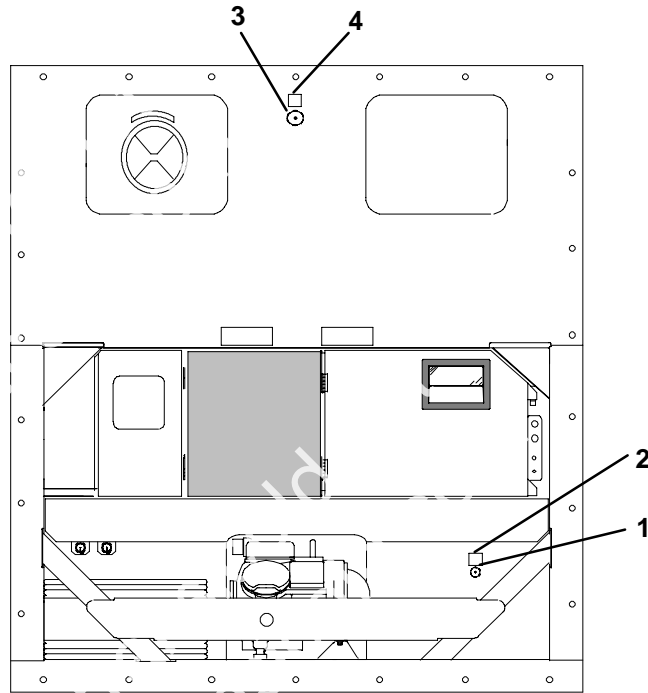
Item	Part Number	Description	Qty
OPTION 1 - STANDARD LENGTH - BOLTED			
1	69NT35-3987	Gutter, Rain (Bolted, Standard - Right Side)	1
2	69NT35-3997-1	Gutter, Rain (Bolted, Standard & Extended Length - Left Side)	1
OPTION 3 - EXTENDED LENGTH - BOLTED			
2	69NT35-3997-1	Gutter, Rain (Bolted, Standard & Extended Length - Left Side)	1
3	69NT35-8548	Gutter, Rain (Bolted - Right Side)	1
OPTION 4 - RIVETED			
4	68-12417-00	Gutter, Rain (Riveted - Right and Left Side)	2

2.3 HANDLES



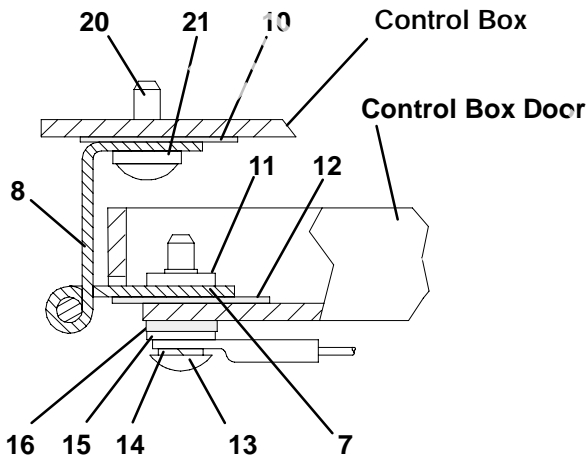
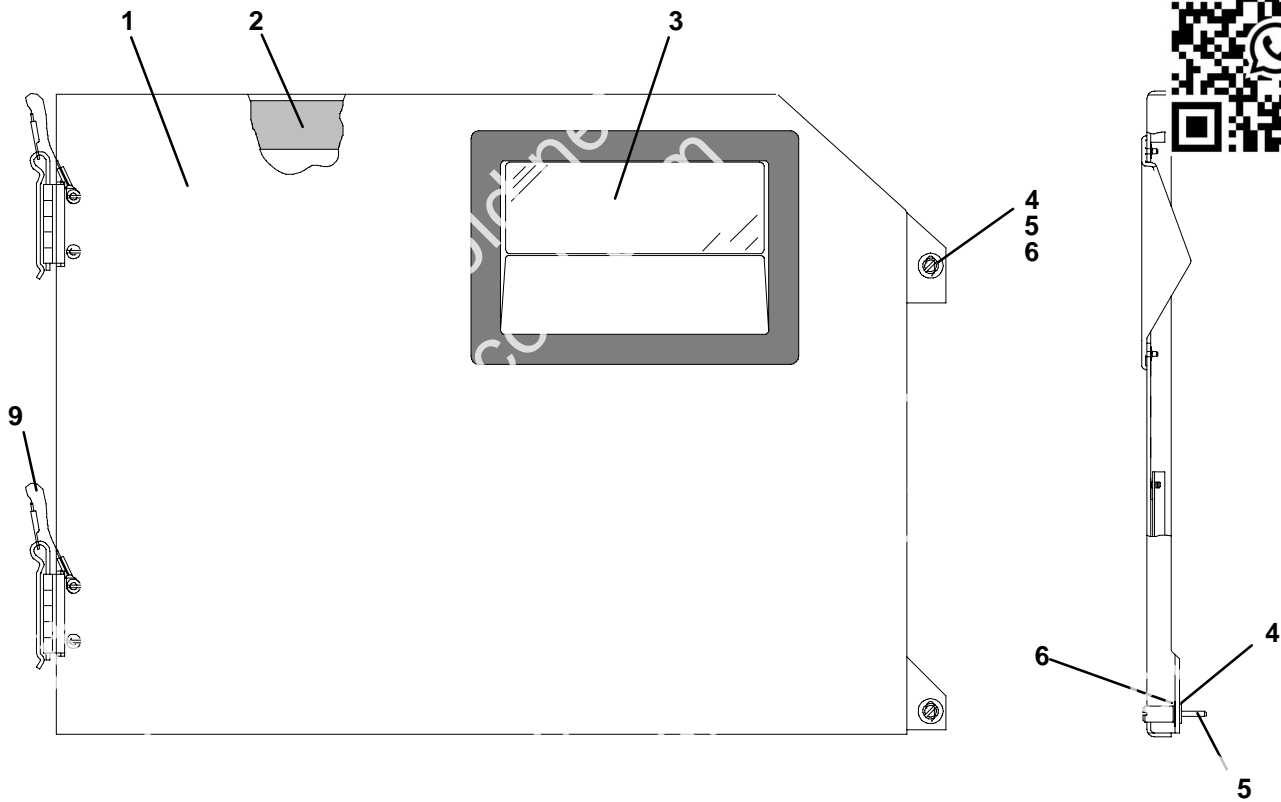
Item	Part Number	Description	Qty
OPTION 1 - TWO SIDE, ONE CENTER			
1	69NT35-8113	Handle, Fixed	2
2	69NT40-657-2	Handle, Hinged	1
OPTION 2 - TWO SIDE			
1	69NT35-8113	Handle, Fixed	2
OPTION 3 - ONE CENTER			
2	69NT40-657-2	Handle, Hinged	1
OPTION 4 - ONE RIGHT SIDE AND TWO CENTER			
1	69NT35-8113	Handle, Fixed	1
2	69NT40-657-2	Handle, Hinged	2

2.4 THERMOMETER PORT

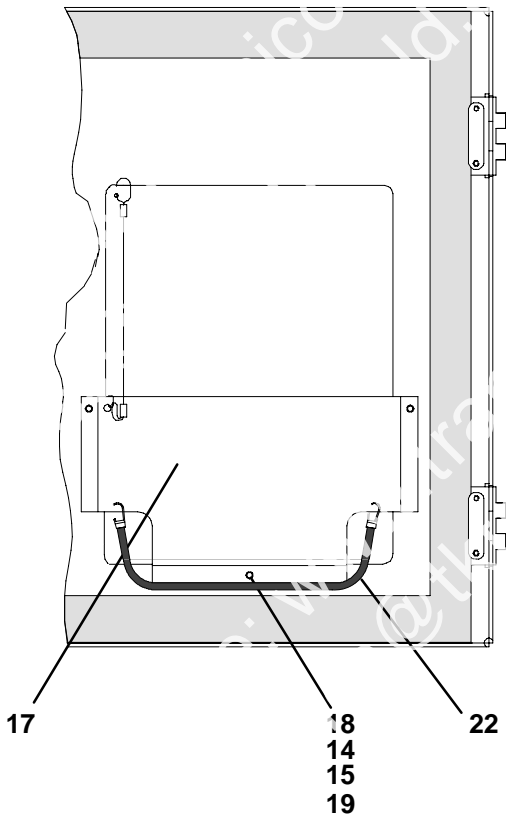


Item	Part Number	Description	Qty
OPTION 1 - SUPPLY AIR PORT			
1	66U1-8662	Cap & Chain Assembly	1
2	62-10557-00	Label	1
OPTION 2 - RETURN AIR PORT			
3	66U1-8662	Cap & Chain Assembly	1
4	62-10557-00	Label	1
OPTION B - SUPPLY AND RETURN PORTS			
1 & 3	66U1-8662	Cap & Chain Assembly	2
2 & 4	62-10557-00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

2.5 CONTROL BOX DOOR - LCD and LED Displays



HINGE ASSEMBLY - SECTIONAL VIEW



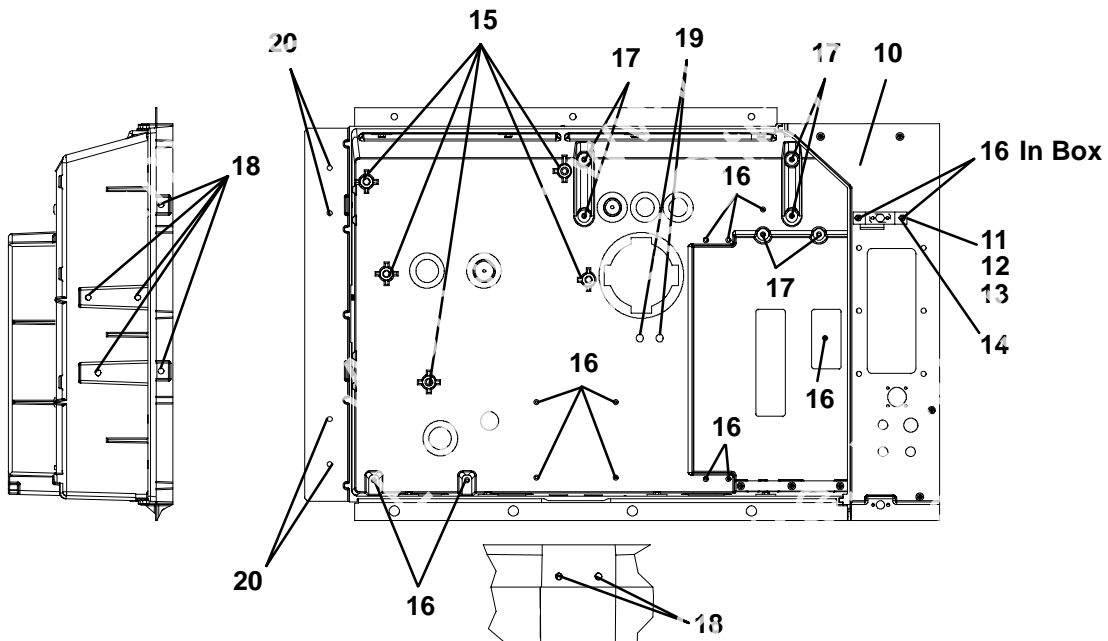
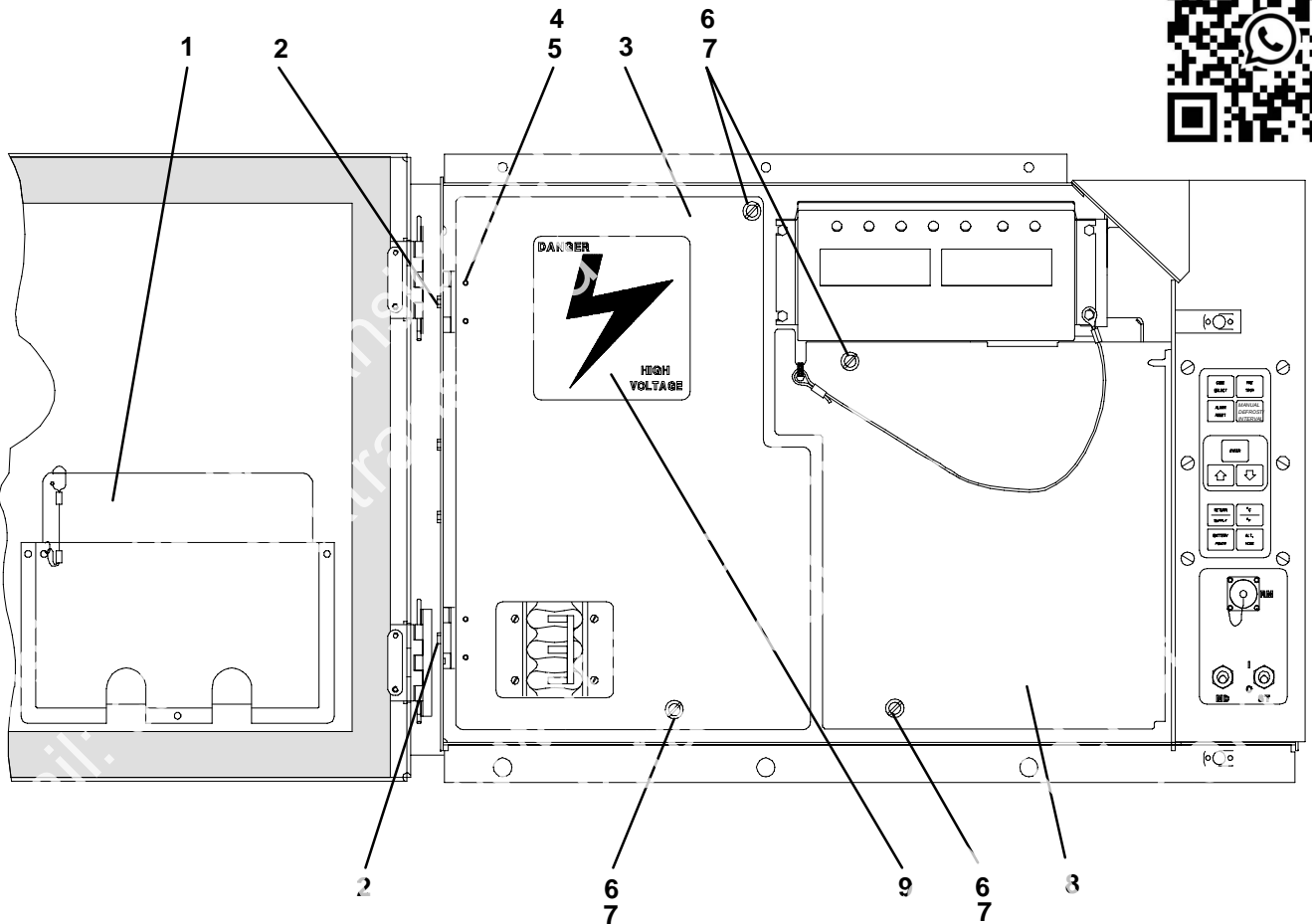
DOOR ASSEMBLY - PARTIAL BACK VIEW

2.5 CONTROL BOX DOOR - LCD and LED Displays



Item	Part Number	Description	
OPTION 1, LCD DISPLAY			
1	69NT42-688-7	Door Assembly , LCD Display, Includes:	
2	42-00270-02	Gasket, Door	
3	58-04366-00SV	Window and Gasket Assembly, Control Box Door - Lexan	
4	34-06169-00	Washer, Retaining - SST	2
5	66U1-6811-8	Screw, Retaining, Panel, 0.300-0.625 - SST	2
	66U1-6811-15	Screw, Retaining, Wing, 0.300-0.625 - SST	2
6	34-06053-00	Washer, Mylar, 0.250 ID x 0.800 OD	4
7	44-00300-01	Hinge, Half	1
8	44-00300-02	Hinge, Half	1
9	44-00300-03	Pin Assembly, with Tether	1
10	58-04101-01	Protector, Mylar (Hinge) (Not Needed with Composite Box)	2
11	34-01167-01	Retainer, Nut	2
12	58-04101-00	Protector, Mylar (Hinge)	2
13	66U1-2403-1	Screw, Truss Head, #10-24 x 3/4 lg. - SST	4
14	66U1-5331-3	Washer, Lock, #10 - SST	7
15	66U1-5321-8	Washer, Flat, #10 - SST	7
16	34-06053-05	Washer, Mylar, 0.205 ID x 0.600 OD	4
17	68-13577-00	Pocket, Placard	1
18	34-00665-09	Locknut, Hex Head, #10-24 - SST	3
19	34-06107-00	Rivet, Blind, 1/8 Diameter, Grip Range - 0.188-0.250	3
20	66U1-5371-7	Screw, #10-24 x 1/2 lg. - SST	4
21	66U1-5321-8	Washer, Flat, #10 - SST	4
22	58-04346-00	Door Strap Kit	1
OPTION 2, LED DISPLAY			
1	79-01911-00	Door Assembly , LED Display, Includes:	1
2	42-00270-02	Gasket, Door	1
3	69NT35-5022-6	Window	1
	42-00611-00	Foam, Double Coated	1
4	34-06169-00	Washer, Retaining - SST	2
5	66U1-6811-8	Screw, Retaining, Panel, 0.300-0.625 - SST	2
	66U1-6811-15	Screw, Retaining, Wing, 0.300-0.625 - SST	2
7	44-00300-01	Hinge, Half	1
8	44-00300-02	Hinge, Half	1
9	44-00300-03	Pin Assembly, with Tether	1
11	34-01167-01	Retainer, Nut	2
13	66U1-2403-1	Screw, Truss Head, #10-24 x 3/4 lg. - SST	4
14	34-00663-09	Washer, Lock, #10 - SST	4
15	66U1-5321-8	Washer, Flat, #10 - SST	4
16	34-06053-05	Washer, Mylar, 0.205 ID x 0.600 OD	4
17	58-04389-00	Pocket, Placard	1
18	34-00795-09	Locknut, Hex Head, #10-24 - SST	6
19	34-06107-00	Rivet, Blind, 1/8 Diameter, Grip Range - 0.188-0.250	3
21	66U1-5321-8	Washer, Flat, #10 - SST	4

2.6 CONTROL BOX



OPTION C & CL - COMPOSITE BOX

2.6 CONTROL BOX

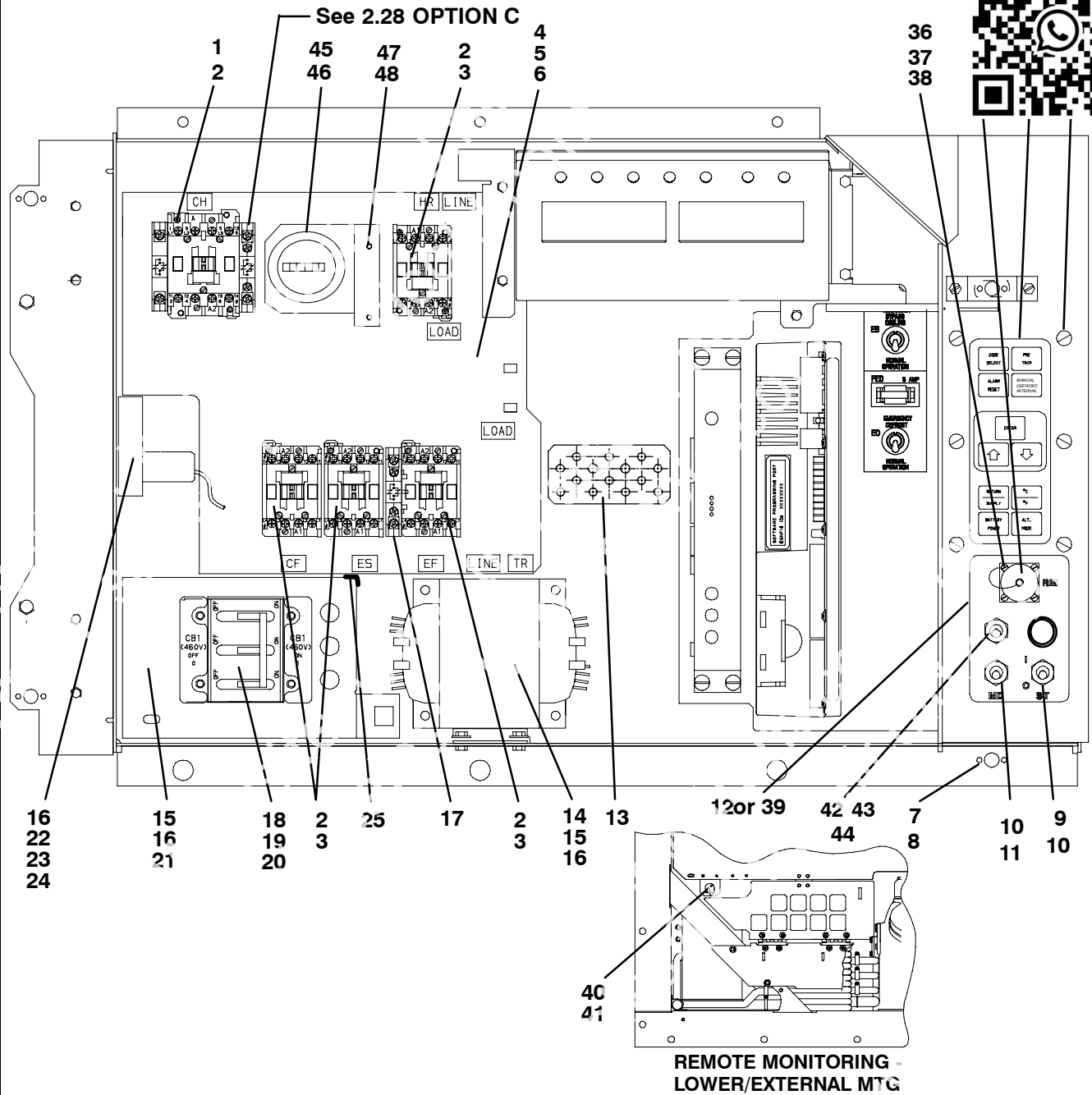


Item	Part Number	Description	Qty
1	-	Plate, Schematic & Diagram (Container Unit Matrix)	
2	66U1-2403	Screw, Truss Head, #10-24 x 1/2 lg. - SST	
3	69NT43-125-1	Shield, High Voltage (Plastic) - Includes:	
4	44-00343-00	Hinge	
5	34-00928-02	Rivet, Blind, 1/8 Diameter, Grip Range - 1/8-3/16 - SST	4
6	34-50015-00	Stud & Retainer Package - Includes:	4
NS	NSS	Stud, Fastener	1
NS	NSS	Retainer, Fastener Stud	1
7	34-06139-03	Receptacle	4
8	69NT43-124-4SV	Shield, Low Voltage (Lexan) - With Tether	1
9	62-03957-02	Label, Danger-High Voltage	1
OPTION C & CL - COMPOSITE CONTROL BOX			
10	58-04668-00	Control Box, Replacement for Standard Composite	1
11	69NT35-6272	Bracket, Non-Locking	1
	69NT35-2287	Bracket, Locking (See Note 1)	1
12	34-01142-01	Receptacle, Retaining	1
13	34-00928-01	Rivet, Blind, 1/8 Diameter, Grip Range - 1/16 - 1/8	2
	34-00928-02	Rivet, Blind, 1/8 Diameter, Grip Range - 1/18 - 3/16 (See Note 2)	2
14	66U1-2403	Screw, Truss Head, #10-24 x 1/2 lg. - SST	2
NS	76-00724-00SV	Crack, Chip and Hole Repair Kit	1
NS	76-50084-00SV	Insert Repair Kit - Includes:	1
15	34-06231-01	Insert - 17.53 x 9.91 mm (.690 x .390 in) 1/4-20 Threads - NSS	10
16	34-06231-03	Insert - 15.88 x 6.35 mm (.625 x .250 in) 10-24 Threads - NSS	10
17	34-06231-04	Insert - 25.15 x 7.54 mm (.990 x .297 in) 10-24 Threads - NSS	10
18	34-06231-05	Insert - 10.16 x 9.53 mm (.400 x .375 in) 10-24 Threads - NSS	10
19	34-06231-06	Insert - 12.70 x 9.91 mm (.500 x .390 in) 1/4-20 Threads - NSS	10
20	34-06231-07	Insert - 9.53 x 6.76 mm (.375 x .266 in) 10-24 Threads - NSS	10
NS	02-00082-00	Durabond Epoxy - NSS	1
NS	07-00390-00	Static Mixing Tube - NSS	1
NS	07-00391-00	Application Gun - Required for Insert Repair	1

NOTES

1. The bracket is bolted to the control box - order 69NT35-2287 for locking bracket.
2. When 69NT35-2287 is used, 34-00928-02, rivet, is to be used in the upper door location.

2.7 CONTROL BOX - SHIELDS REMOVED, STD ELECTRICAL COMPONENTS, RM, HOURMETER & CFS

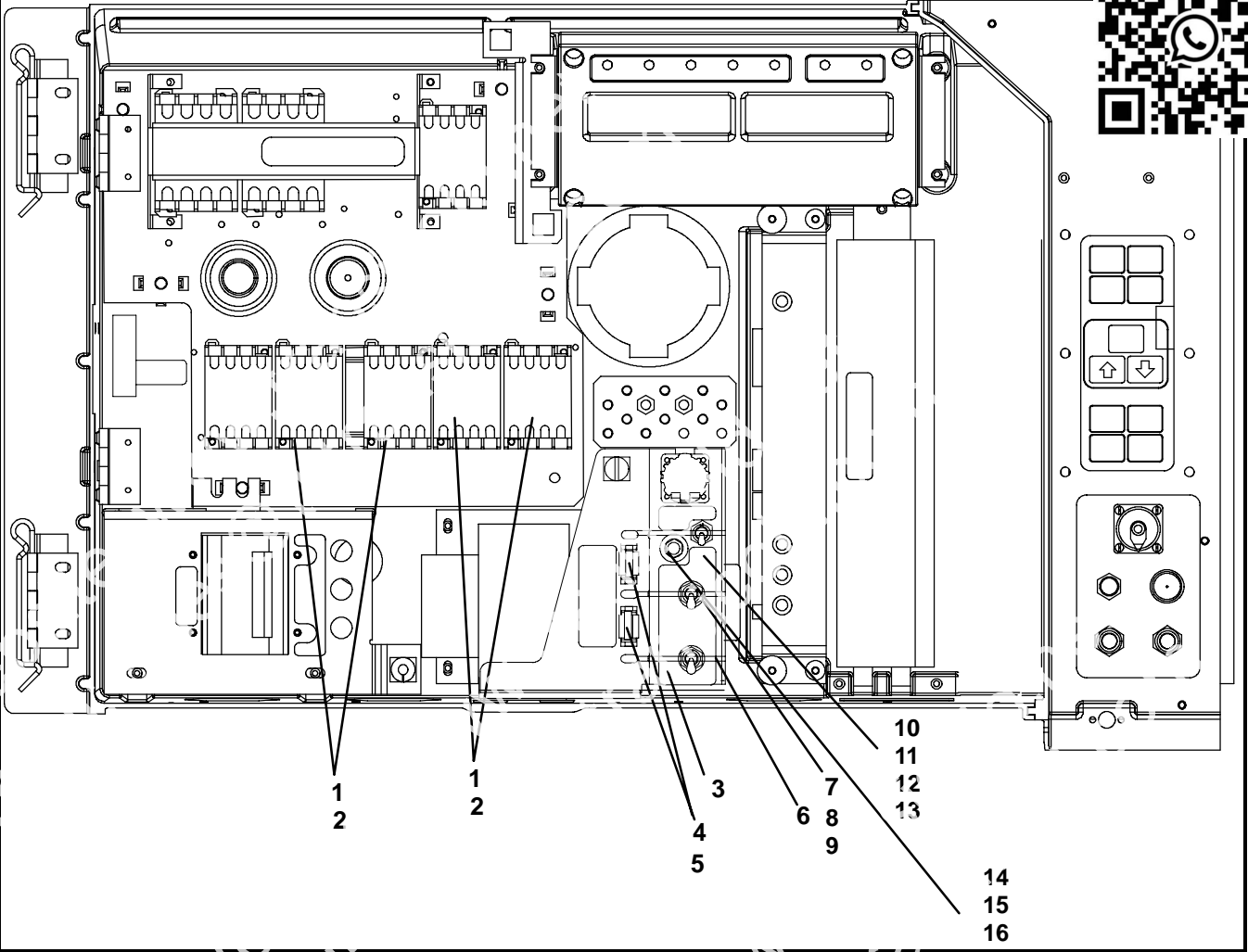


Item	Part Number	Description	Qty
1	10-00431-07	Contactors, Compressor (CH) (30 Amp)	1
2	34-06243-00	Screw, Pan Head, (Thread Cutting) #8-32 x 3/4 lg. - SS F	10
3	10-00431-06	Contactors, (CF), (HR) & (EF & ES) (12 Amp)	4
4	68-14891-00	Panel, Contactor - Includes:	1
5	Deleted	Deleted	5
6	34-06224-01	Screw, Hex Head, 1/4-20 x 5/8 lg. - SST	4
7	34-00928-01	Rivet, Blind, 1/8 Diameter, Grip Range - 1/16 - 1/8	6
8	34-01142-01	Receptacle	1
9	10-01129-07 SV	Switch, Toggle (On-Off)	1
10	66U1-9752	Seal, Bushing	1
11	10-01129-10	Switch, Toggle (MDS) (if equipped)	1

2.7 CONTROL BOX - SHIELDS REMOVED, STANDARD ELECTRICAL COMPONENTS


Item	Part Number	Description	Qty
12	58-04145-01	Plate, Switch	
	68-14796-00	Plate, Switch (Start Only) NT-1200 and Up	
	68-14796-02	Plate, Switch (Start and Defrost LED), NT-1200 and Up	
	68-14796-05	Plate, Switch (Start and MDS), NT-1200 and Up	
13	69NT41-982-3	Plate, Ground	1
14	10-00332-21SV	Transformer, Base Unit	1
15	66U1-5371-7	Screw, Hex Head, #10-24 x 1/2 lg. - SST	A/R
16	66U1-5321-8	Washer, Flat, #10 - SST	A/R
17	10-00431-02	Contact, Auxiliary	1
18	34-00663-07	Washer, Lock, #6 - SST	4
19	66U1-7842-13	Circuit Breaker - 460 vac, 25 Amp, (CS)	1
20	66U1-6651-4	Screw, Pan Head, #6-32 x 3/8 lg. - SST	4
21	69NT35-6278	Bracket, Circuit Breaker	1
22	10-00439-02	Transformer, Current Sensing (CS)	1
23	66U1-5371-10	Screw, Hex Head, #10-24 x 1.00 lg. - SST	2
24	66U1-5321-8	Washer, Flat, #10 - SST	2
25	66CH1-1172-46	Trim, Flexible (85 Feet Long, Cut to Length)	A/R
26	79-01706-05SV	Pad, Key - Includes:	1
27	NSS	Gasket (Between Key Pad Plate Assembly and Connector)	1
28	NSS	Gasket (Between Key Pad and Key Pad Plate Assembly)	1
29	NSS	Plate Assembly, Key Pad Mounting	1
30	34-06227-00	Screw, Pan Head, #10-24 X 3/4 lg. - SST	6
31	34-06053-05	Washer, Mylar, 0.205 ID x 0.600 OD	6
REMOTE MONITORING (STANDARD LOCATION)			
32	22-02341-00	Receptacle, Remote Monitoring (RM)	1
33	22-02368-00	Plug, Remote Monitoring	1
34	22-02341-01	Cap and Tether, Receptacle Assembly	1
35	66U1-5835	Gasket, Remote Monitoring Receptacle	1
36	34-00848-10	Screw, Round Head, #4-40 x 5/8 lg. - SST	4
37	66U1-5321-6	Washer, Flat, 0.125 ID - SST	4
38	34-00967-05	Nut, Self Locking, #4-40 - SST	4
39	58-04145-00	Plate, Switch, with RM	A/R
	68-14796-03	Plate, Switch, with RM NT-1200 and up	A/R
	68-14796-06	Plate, Switch with RM and MDS, NT-1200 and Up	A/R
REMOTE MONITORING (LOWER LEFT/EXTERNAL LOCATION)			
40	22-01889-00	Receptacle, Remote Monitoring (RM)	1
41	69NT40-222	Bracket	1
OPTION F - CONDENSER FAN SWITCH			
42	10-00298-01	Switch, Toggle (CFS)	1
43	66U1-9752	Seal, Bushing	1
44	58-04145-06	Plate, Switch (with extra switch location)	1
HOURMETER			
45	66U1-3823	Hourmeter	1
46	66U1-6651-15	Screw, Pan Head, #4-40 x 3/4 lg. - SST	3
47	68-12496-00	Bracket, Hourmeter	1
48	66U1-5381	Screw, Hex Head, #10-24 x .50 lg. - SST	2

2.8 CONTROL BOX - SINGLE EVAPORATOR FAN CAPABILITY, EBS, ED

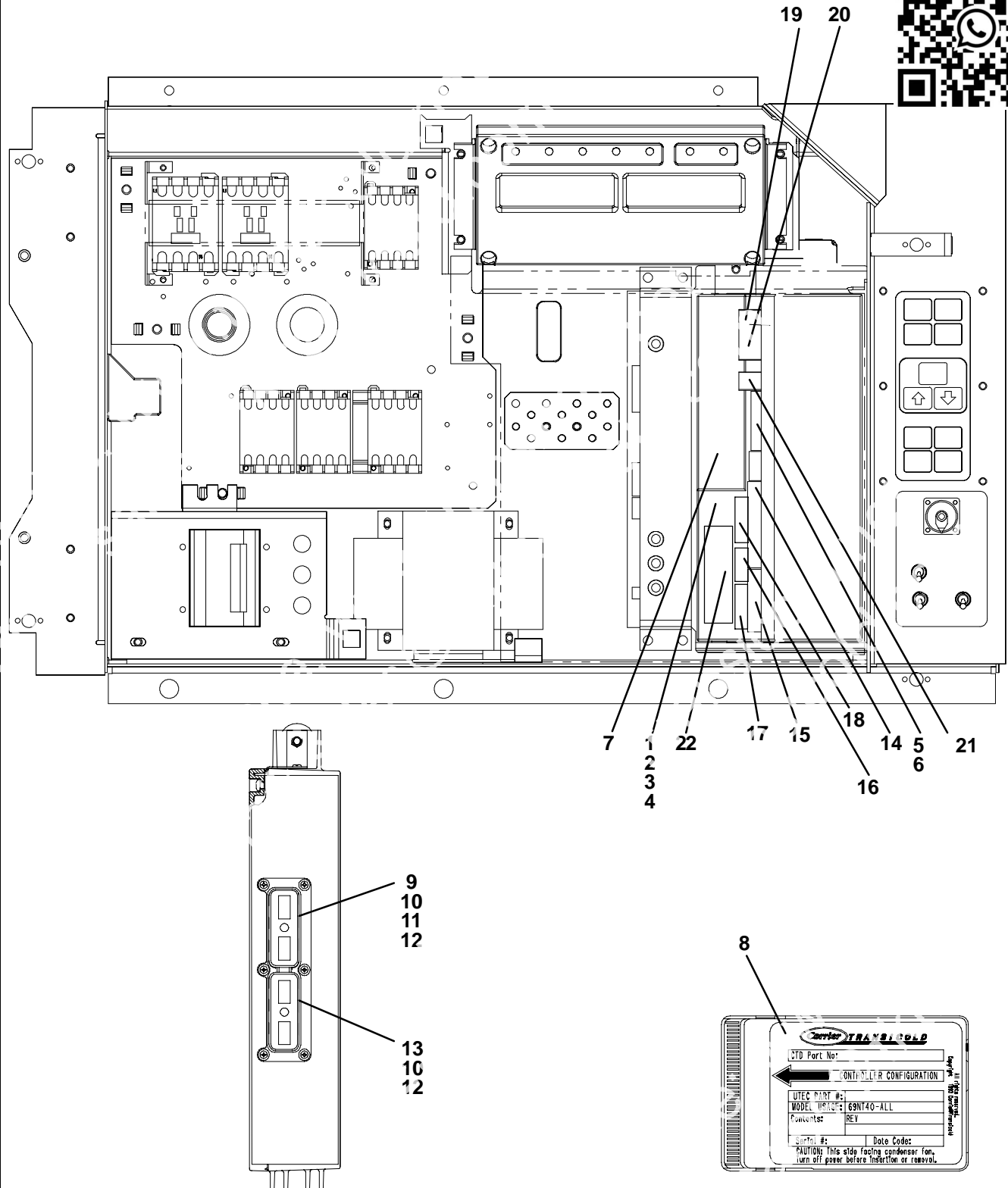


**2.8 CONTROL BOX - SINGLE EVAPORATOR FAN CAPABILITY, EBS, ED
SINGLE EVAPORATOR FAN CAPABILITY**



1	34-06243-00	Screw, Pan Head, Thread Cutting #8-32 x 3/4 lg. - SST	
2	10-00431-06	Contactor, (E2 & S2) & (E1 & S1) (12 Amp)	
EMERGENCY BYPASS (EBS)			
3	10-00446-00	Emergency Bypass Module	
4	22-02336-04	Fuse (10A)	2
5	22-01455-03	Fuse Holder	2
6	66U1-5371-10	Wire Tire	3
EMERGENCY DEFROST (ED)			
7	68-14796-05	Plate, Switch (with light location, with RM)	A/R
8	10-01129-07	Switch, Toggle	2
9	68-12544-01	Bracket	1
10	34-06223-00	Screw, Captive Washer, #10-24 X .56 lg. - SST	2
11	10-01129-20	Hex Nut	2
12	66U1-9752	Seal, Bushing	2
13	22-01455-02	Holder Assembly, Fuse	1
14	22-02336-02	Fuse, 5 Amp	1
15	62-02874-01	Label, EB and ED	1
16	22-00518-01	Base, Pilot Light	1

2.9 CONTROL BOX - CONTROLLER MODULE SECTION AND SOFTWARE CARDS



View - Back of Controller/DataCORDER

2.9 CONTROL BOX - CONTROLLER MODULE SECTION AND SOFTWARE CARDS

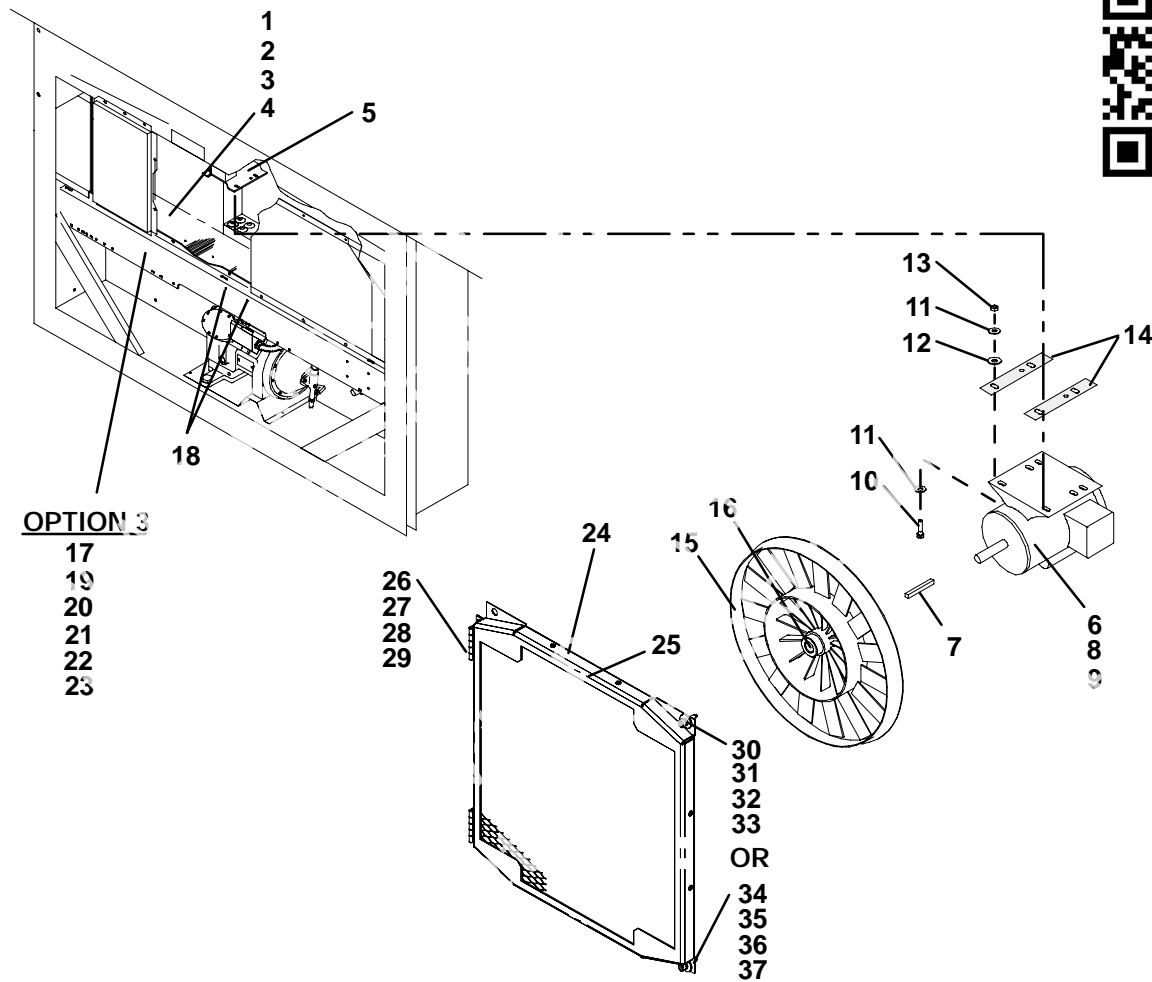

Item	Part Number	Description	Qty
1	-	Module, Controller/DataCORDER - Refer to Section 5 - Includ	
2	66U1-5371-7	Screw, Hex Head, #10-24 x 1/2 lg. - SST	
3	69NT35-2692	Washer, Fender, 0.063 Thick - SST	
4	58-01184-00	Retainer, Screw, 0.141 ID	
5	22-02336-22	Fuse, 7.5 Amp (F3A/B)	3
6	22-02336-02	Fuse, 5 Amp (F1 & F2)	1
7	62-02719-00	Label, Controller/DataCORDER Port	1
8	12-00594-xx/5315	Card, Controller/DataCORDER Operation Software	1
9	22-01777-00SV	Connector (EC A-K) - 30 Pin	1
10	22-01777-03	Socket, 20 AWG	35
11	22-50100-00	Socket, 18 AWG	4
12	22-01777-04	Plug, Sealing	21
13	22-01777-01SV	Connector (EC L-Y) - 30 Pin	1
14	22-01556-02	Connector (KA) - 14 Pin	1
15	22-01556-01	Connector (KB) - 10 Pin	1
NS	22-01621-23	Connector (KP) - 9 Pin (Connects to Ribbon Cable)	1
16	22-4031-00	Connector (KD) - 4 Pin	1
17	22-4031-01	Connector (KE) - 5 Pin	1
18	22-4031-02	Connector (KC) - 6 Pin	1
19	22-01622-01	Connector (MA) - 12 Pin	1
20	22-01622-02	Connector (MB) - 16 Pin	1
21	22-01622-00	Connector (MC) - 8 Pin	1
NS	09-00369-00SV	Battery, Real Time Clock, (Within the Controller)	1
NS	22-50157-00	Wire Harness, Controller to Current Sensing Transformer)	1
NS	22-01713-06	Wire Harness, Display Module to Controller/DataCORDER Module	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, 51xx Series - (Located on the high & low voltage shields)	1
NS	62-02738-05	Label, Warning, 51xx Series - (Located on the bottom panel of the control box between the Communications Interface module and the switch panel.)	1
OPTION R - RECHARGEABLE BATTERY PACK			
22	30-00407-02SV	Battery Pack - Controller/DataCORDER Module	1

2.10 CONTROL BOX - DISPLAY MODULE AND COMMUNICATIONS INTERFACE MO



Item	Part Number	Description	Qty
1	12-00433-00RP	Module, LCD Display (Option 1)	
	12-00433-02 RP	Module, LED Display (Option 2)	
2	66U1-5371-7	Screw, Hex Head, #10-24 x 1/2 lg. - SST	
3	69NT35-2692-4	Washer, Fender, 0.063 Thick - SST	
4	22-01621-03	Connector (MK) - 9 Pin	1
5	22-01621-02	Connector (MB) - 16 Pin	1
6	22-02396-03	Connector (CIC) - 7 Pin	1
7	22-02396-02	Connector (CIB) - 3 Pin	1
8	22-01556-00	Connector (CIA) - 7 Pin	1
NS	22-01713-02	Wire Harness, Key Pad to Display Module	1
OPTION 2 - COMMUNICATIONS INTERFACE MODULE - HIGH DATA RATE			
9	12-00573-01SV	Module, Communications Interface - Includes:	1
10	66U1-3442-2	Stud, Fastener, 1/4 turn, 0.705 lg. - SST	4
11	66U1-9212-1	Retainer, Push-on	4
12	34-06223-00	Screw, Captive Washer #10-24 x 0.56 - SST	4
13	58-01184-00	Retainer, Screw .75 O.D.	4
OPTION 4 - COMMUNICATIONS INTERFACE MODULE - LOW DATA RATE			
9	12-00275-19SV	Module, Communications Interface - Includes:	1
10	66U1-3442-2	Stud, Fastener, 1/4 turn, 0.705 lg. - SST	4
11	66U1-9212-1	Retainer, Push-on	4
12	34-06223-00	Screw, Captive Washer #10-24 x 0.56 - SST	4
13	58-01184-00	Retainer, Screw .75 O.D.	4

2.11 CONDENSER FAN MOTOR AND CONDENSER COIL SECTION

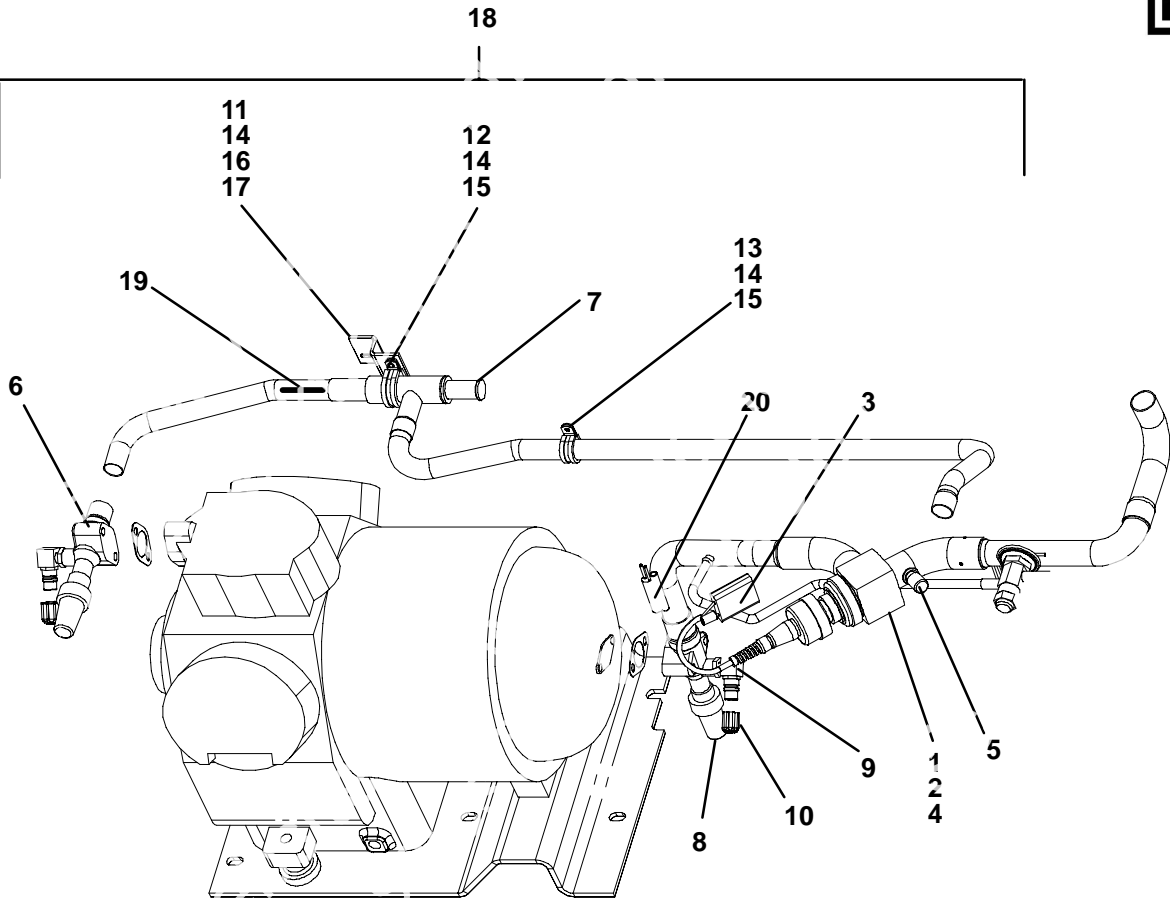


Item	Part Number	Description	Qty
1	66U1-5361-25	Capscrew, Hex Head, 1/4-20 x 3/4 lg. - SST	10
2	66U1-5321-7	Washer, Flat, 1/4 - SST	10
3	34-06053-00	Washer, Mylar, 3/4 OD x 1/4 ID	10
4	34-06053-03	Washer, Mylar, 1.0 OD x 1/4 ID	2
5	69NT35-3547	Bracket, Condenser Motor Mount	1
6	54-00586-20	Motor, Condenser Fan - Includes:	1
7	PL	Key, 3/16 Square x 1-3/8 lg. - SST	1
8	04-50027-00	Bearing	2
9	22-50088-02	Capacitor, 15 uF	1
10	66U1-5361	Screw, Hex Head, 5/16-18 x 1-1/4 lg. - SST	4
11	34-01181-01	Washer, Flat, 5/16 - SST	8
12	34-06053-02	Washer, Mylar, 1.0 OD x 3/8 ID	4
13	34-00667-12	Locknut, 5/16-18 - SST	4
14	69NT35-6112	Protector, Condenser Fan Motor Mounting	2
15	38-00503-00	Fan, Condenser (17-1/2 diameter) - Composite - Includes:	1
16	PL	Set Screw, Square Head, 5/16-24 x 5/8 lg. - SST	2

2.11 CONDENSER FAN MOTOR AND CONDENSER COIL SECTION (Continued)


Item	Part Number	Description	
OPTION 3 - THREE ROW (7MM) CONDENSER COIL			
17	68-13454-02SV	Cover, Condenser Coil, Blue Includes:	
	68-13454-03SV	Cover, Condenser Coil, White Includes:	
18	58-04480-00	Bumper (for use with uncoated center handle)	
	58-04481-00	Plug (for use with coated handle or units with no center handle)	2
19	81-01575-00SV	Coil, Condenser(Copper) - 7MM 3 Row - Includes Mylar Washers	1
20	66CH1-1172-16	Trim, Flexible	2
21	69NT35-8693-7	Protector (Apply between frame and coil & coil cover)	4
22	69NT35-8693-10	Protector (Apply between frame and coil & coil cover)	2
23	58-04026-41	Protector, Mylar (Apply between coil & coil cover, RH & LH sides)	2
OPTION H - HINGED CONDENSER FAN GRILLE			
24	76-00704-01	Grille and Venturi Assembly - Includes:	1
25	66U1-8912	Label, Rotation	1
26	76-50075-00	Hinge Kit - Includes:	1
27	44-00374-00	Hinge	2
28	58-04101-07	Protector, Mylar	4
29	34-06179-00	Screw, Hex Head, #10-24 x 7/16 lg. - SST	8
30	66U1-6811-8	Screw, Retaining - SST	2
	66U1-6811-12	Screw, Retaining (Phillips Head) - SST	2
31	34-06169-00	Washer, Retaining - SST	2
32	34-06053-03	Washer, Mylar, 1/4ID x 1.00OD	2
33	69NT35-2692-1	Washer, Fender 1/4 - SST	2
OPTION B - BOLTED CONDENSER FAN GRILLE			
24	76-00704-01	Grille and Venturi Assembly - Includes:	1
25	66U1-8912	Label, Rotation	1
34	69NT35-2692-1	Washer, Fender 1/4 - SST	4
35	34-06053-03	Washer, Mylar, 1/4ID x 1.00OD	4
36	34-00663-11	Washer, Lock, 1/4 - SST	4
37	66U1-5361-25	Capscrew, Hex Head, 1/4-20 x 3/4 lg. - SST	4

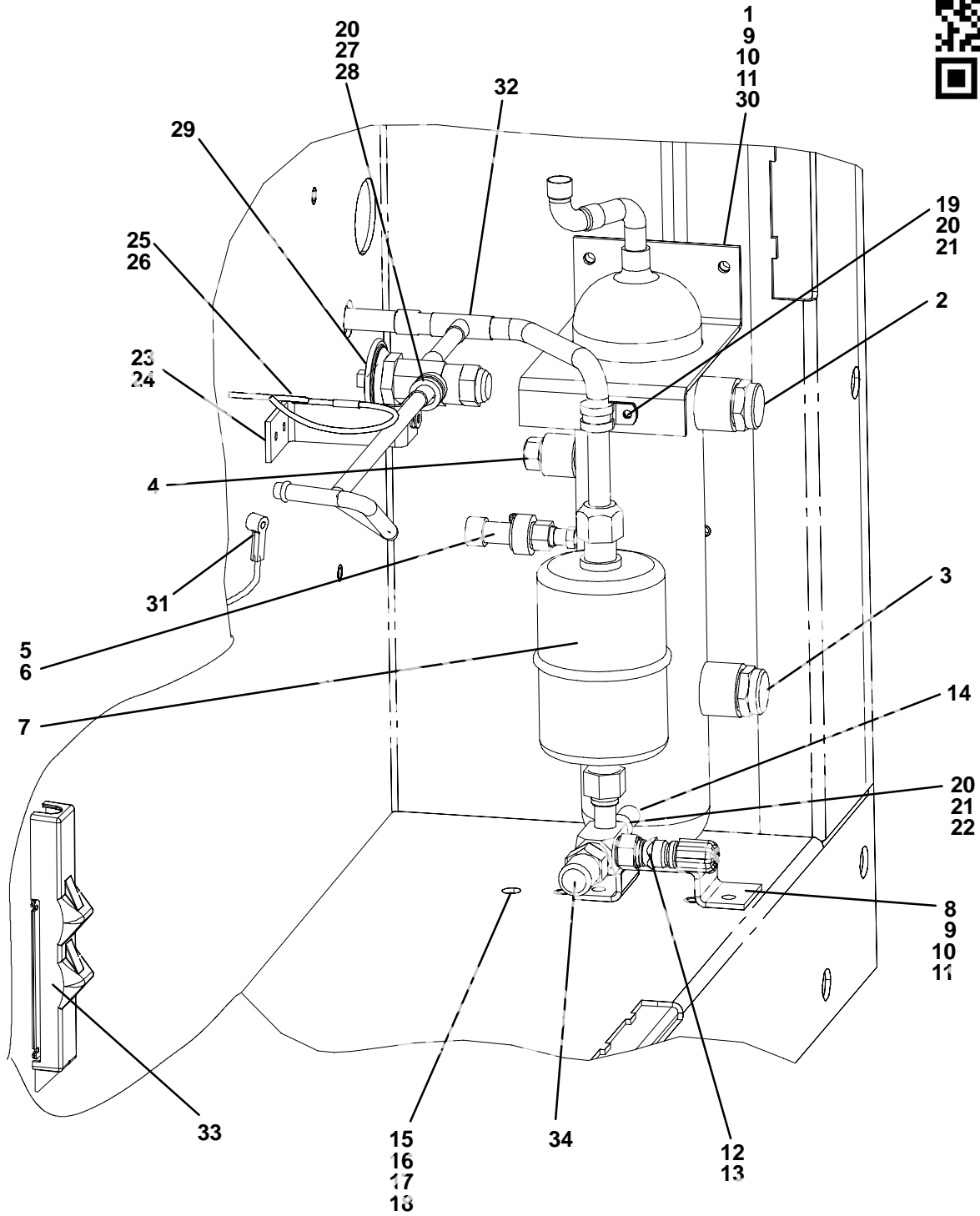
2.12 COMPRESSOR TUBING SECTION



2.12 COMPRESSOR TUBING SECTION


Item	Part Number	Description	Qty
1	14-00263-00	Valve, Stepper Motor - Includes:	
2	14-00263-20	Piston and Motor Assembly - Includes:	
3	22-02392-03	Connector (To Power Pack)	
NS	22-02393-01	Pin, 18-20 Gauge (Used on 22-02392-03)	
NS	22-02394-03	Seal (Used on 22-02392-03)	4
4	14-00263-23	O-Ring	1
5	14-00263-22	Cap	1
6	-	Valve, Service (Discharge) - See Section 4.3	1
7	14-00204-02	Valve, Discharge Pressure Regulator (DPRV)	1
8	-	Valve, Service (Suction) - See Section 4.3	1
9	40-00542-00	Elbow, Adapter (R134a)	1
10	40-00520-02	Cap, M8 x 1.0 - Nylon	1
11	69NT41-702	Bracket Assembly	1
12	66U1-3632-24	Clamp, Cushion, 1.18 Dia.	1
13	34-00373-11	Clamp, Cushion, .88 Dia.	1
14	66U1-5381-1	Screw, Hex Head, #10-24 x .75 lg. - SST	4
15	34-06053-00	Washer, Mylar, .25 I.D. x .80 O.D.	3
16	66U1-5321-8	Washer, Flat, #10 - SST	3
17	34-06053-05	Washer, Mylar, .205 I.D. x .60 O.D.	3
18	81-01482-00	Tubing assembly	1
NS	22-01566-01	Socket (Used on 22-01585-04)	4
NS	22-02393-00	Pin (Used on 22-01830-00)	4
NS	22-02394-02	Seal (Used on 22-01835-00, 22-01585-04 and 22-01830-00)	A/R
NS	22-01835-00	Connector (On Harness to Drive)	1
NS	22-01566-00	Pin (Used on 22-01835-00)	5
REFRIGERANT TEMPERATURE SENSORS			
19	12-01105-02	Sensor, Thermistor (CPDS)	1
20	12-01104-05	Sensor, Thermistor (CPSS)	1

2.13 RECEIVER SECTION

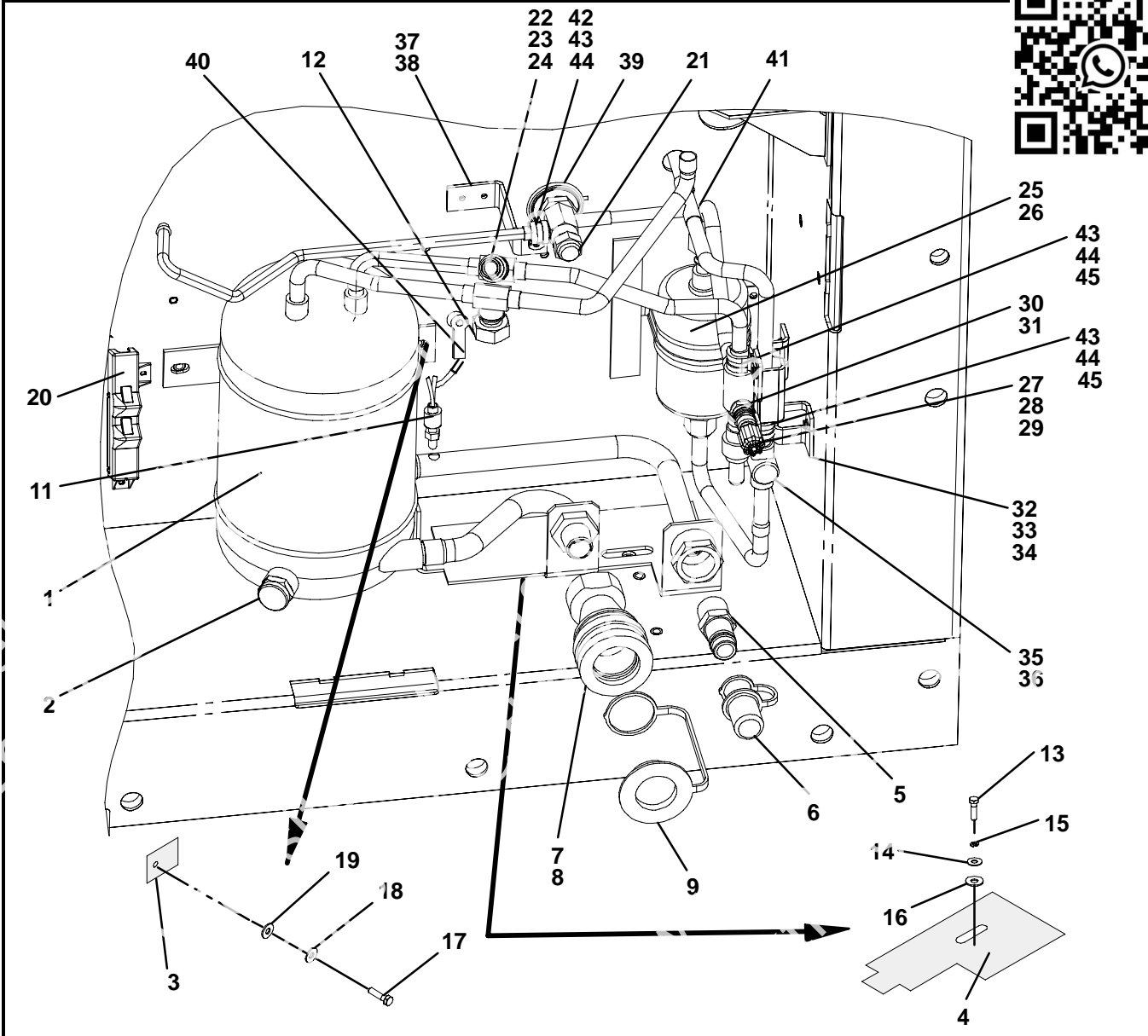


2.13 RECEIVER SECTION



Item	Part Number	Description	Qty
1	65-00185-03	Receiver, Electro-Coated Modular, Copper - Includes:	
2	14-00220-04	Glass, Sight, w/Red Balls, 1/2-14 npt	
3	14-00221-03	Indicator, Moisture-Liquid	
4	14-01032-14	Plug, Fusible, 3/8 npt - Brass	
	14-00215-06	Disc, Rupture, 3/8 npt - Alternate	1
NS	22-02448-00SV	Connector, Female (Located on wire harness)	1
5	12-00352-00	Transducer, Condenser Pressure (CPT)	1
6	EC39DM062	Valve, Schrader	1
7	14-00341-02SV	Filter-Drier with O-Rings	1
8	68-86030-00	Bracket, Liquid Line Valve	1
9	66U1-5361-25	Screw, Hex Head, 1/4-20 x 3/4 lg. - SST	A/R
10	66U1-5321-7	Washer, Flat, 1/4 - SST	3
11	34-06053-00	Washer, Mylar, 0.250 ID x 0.800 OD	4
12	40-00520-01	Coupling, M15 - Brass - Includes:	1
13	40-00520-03	Cap, Service Port	1
14	14-00221-00	Valve, Liquid Line	1
15	66U1-5361-7	Bolt, Hex Head, 3/8-16 x 1.00 lg. - SST	1
16	AU11JR241	Washer, Lock, 3/8 - SST	1
17	66U1-5321-5	Washer, Flat, 3/8 - SST	1
18	34-06053-02	Washer, Mylar, 0.375 ID x 1.00 OD	1
19	34-00373-05	Clamp, Cushion, 1/2 Diameter	1
20	66U1-5371-6	Screw, Machine, Hex Head, #10-24 x .75 lg. - SST	3
21	34-06053-05	Washer, Mylar, .205 I.D. x .60 O.D.	4
22	34-00373-07	Clamp, Cushion, 5/8 Diameter	1
23	69NT43-420	Bracket Assembly, Quench Valve	1
24	34-00928-09	Rivet, Blind, 5/32 Diameter, Grip Range - 1/8-1/4 - SST	2
25	66U2-1132-1	Connector	1
26	66U1-5803	Heat Shrink	1
27	34-00373-54	Clamp, Cushion, .44 Diameter	1
28	34-06053-03	Washer, Mylar, .25 I.D. x 1.00 O.D.	1
29	14-00212-03SV	Valve, Quench, Thermostatic Expansion - Includes:	1
NS	14-00212-21	Kit, Repair - Includes:	1
NS	NSS	Power Head	1
30	58-04026-23	Protector, Mylar	1
31	12-00495-02SV	Sensor, Ambient Thermistor (AMBS)	1
32	DE40BA203	Tee, Reducing 1/2 x 1/2 x 3/8	1
33	-	See Section 2.15 for Sensor Assembly and Related Parts	-
34	40-00501-50	Cap, Service Valve	1

2.14 WATER-COOLED CONDENSER SECTION

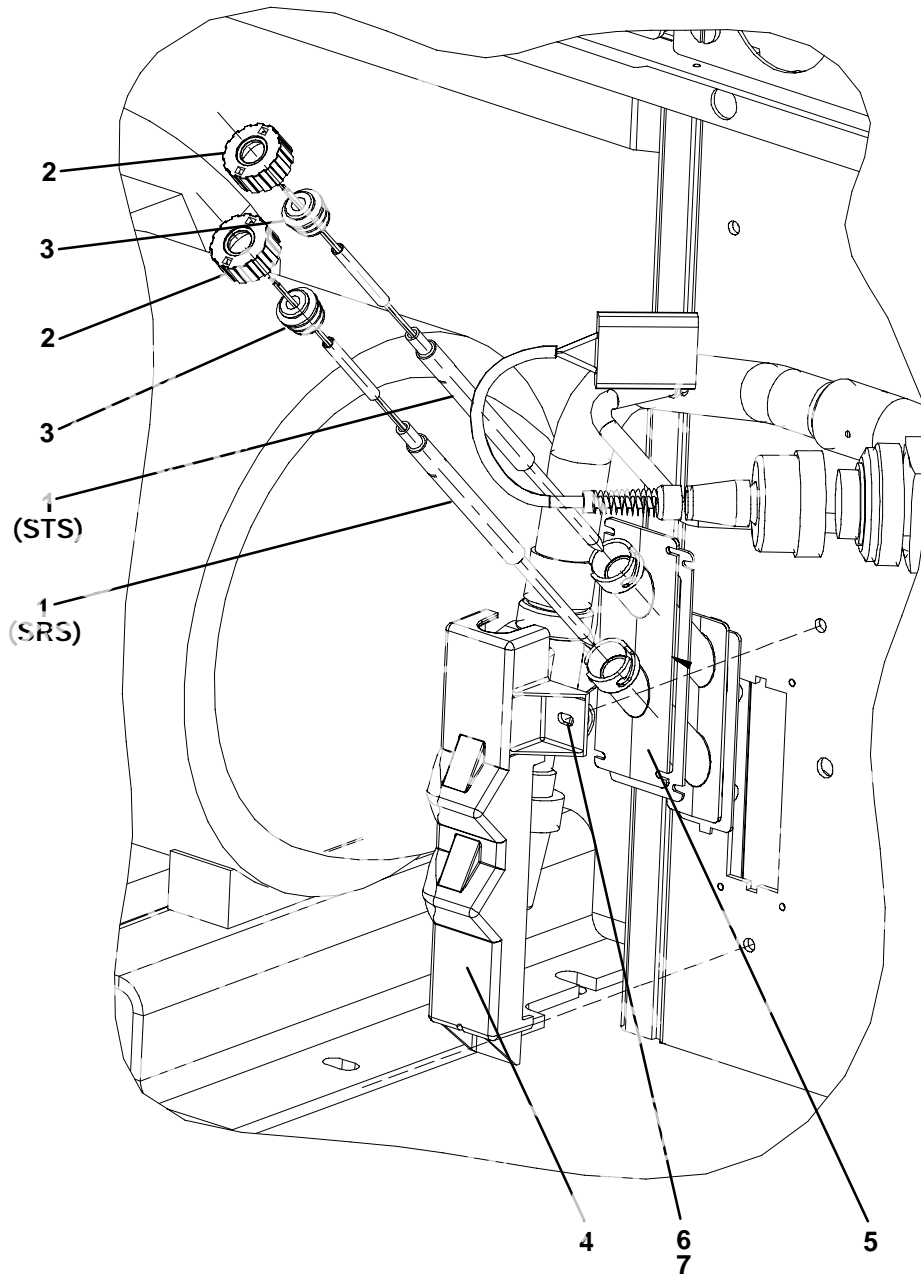


Item	Part Number	Description	Qty
-	69NT42-914	Kit, Condenser/Receiver (For Field Installation) - See NOTE - Includes:	1
1	69NT42-914-1	Condenser/Receiver - Includes:	1
2	14-00220-00	Sight Glass, w/red balls, 1/2 npt	1
3	58-00956-00	Protector, Mylar	2
4	58-00957-00	Protector, Mylar	1
5	66U1-2763-5	Coupling (Water-In)	1
6	66U2-1142	Cap, Dust	1
7	40-01129-00	Coupling, Self Draining - Includes:	1
7	66U1-2763-6	Coupling Assembly, Socket - Includes:	1
8	42-50000-00	Seal, O-Ring	1
9	66U2-1152	Cap, Dust (Use with 40-01129-00)	1
10	79-01757-00	Cap Assembly (Use with 66U1-2763-6)	1
11	12-01071-01SV	Switch,Water Pressure OPTION W	1
12	14-00215-05	Disc, Rupture, 3/8 npt	1

2.14 WATER-COOLED CONDENSER SECTION (Continued)			y
Item	Part Number	Description	
13	66U1-5361-7	Bolt, Hex Head, 3/8-16 x 1.00 lg. - SST	
14	66U1-5321-5	Washer, Flat, 3/8 - SST	
15	AU11JR241	Washer, Lock, 3/8 - SST	
16	34-06053-02	Washer, Mylar, 3/8 ID x 1.00 OD	
17	66U1-5361-25	Capscrew, Hex Head, 1/4-20 x 3/4 lg. - SST	2
18	66U1-5321-7	Washer, Flat, 1/4 - SST	2
19	34-06053-00	Washer, Mylar, 1/4 ID x 13/16 OD	2
20	-	See Section 2.15 for Sensor Assembly and Related Parts	-
-	76-00677-00	Accessory Kit, Water-Cooled Condenser Tubing - Includes:	-
21	06DA403-844	Valve, Schrader	1
22	12-00352-00	Transducer, Condenser Pressure (CPT)	1
23	69NT41-477	Tube Assembly - Includes:	1
24	40-00555-06	Tee, 1/2 x 1/2 x 3/8 npt - Brass	1
25	14-00341-02SV	Filter-Drier with O-Rings	1
26	69NP20-1031	Clamp, Filter-Drier - Includes:	1
NS	58-50014-00	Gasket (16 ft., Cut to length)	1
-	69NT41-497	Tube Assembly - includes:	1
27	66U1-8552-2	Valve, Liquid Line - Includes:	1
28	40-00086-04	Cap, Flare - 1/4	1
29	17-21002-01	Cap, Valve	1
30	40-00520-01	Coupling, M15 - Brass - Includes:	1
31	40-00520-03	Cap, Service Port	1
32	68-12368-00	Bracket	1
33	66U1-5371-6	Screw, Hex Head, #10-24 x 3/4 lg. - SST	2
34	34-06053-05	Washer, Mylar, 0.205 ID x 0.600 OD	2
35	69NT41-487	Tube Assembly - Includes:	1
36	14-01092-03	Indicator, Liquid Moisture - Brass	1
37	69NT43-420	Bracket Assembly	1
38	34-00928-09	Rivet, Blind, 5/32 Diameter, Grip Range - 1/8-1/4	2
39	14-00212-03SV	Valve, Quench, Thermostatic Expansion - Includes:	1
NS	14-00212-21	Kit, Repair - Includes:	1
NS	NSS	Power Head	1
40	12-00495-02SV	Sensor, Ambient Thermistor (AMBS)	1
41	DE40BA203	Tee, Reducing, 1/2 x 1/2 x 3/8	1
42	34-00373-54	Clamp, Cushion, .44 Diameter	1
43	34-06053-03	Washer, Mylar, .25 I.D. x 1.00 O.D.	3
44	66U1-5371-6	Screw, Machine Hex Head, #10-24 x .75 lg. - SST	3
45	34-00373-07	Clamp, Cushion, .62 Diameter	2

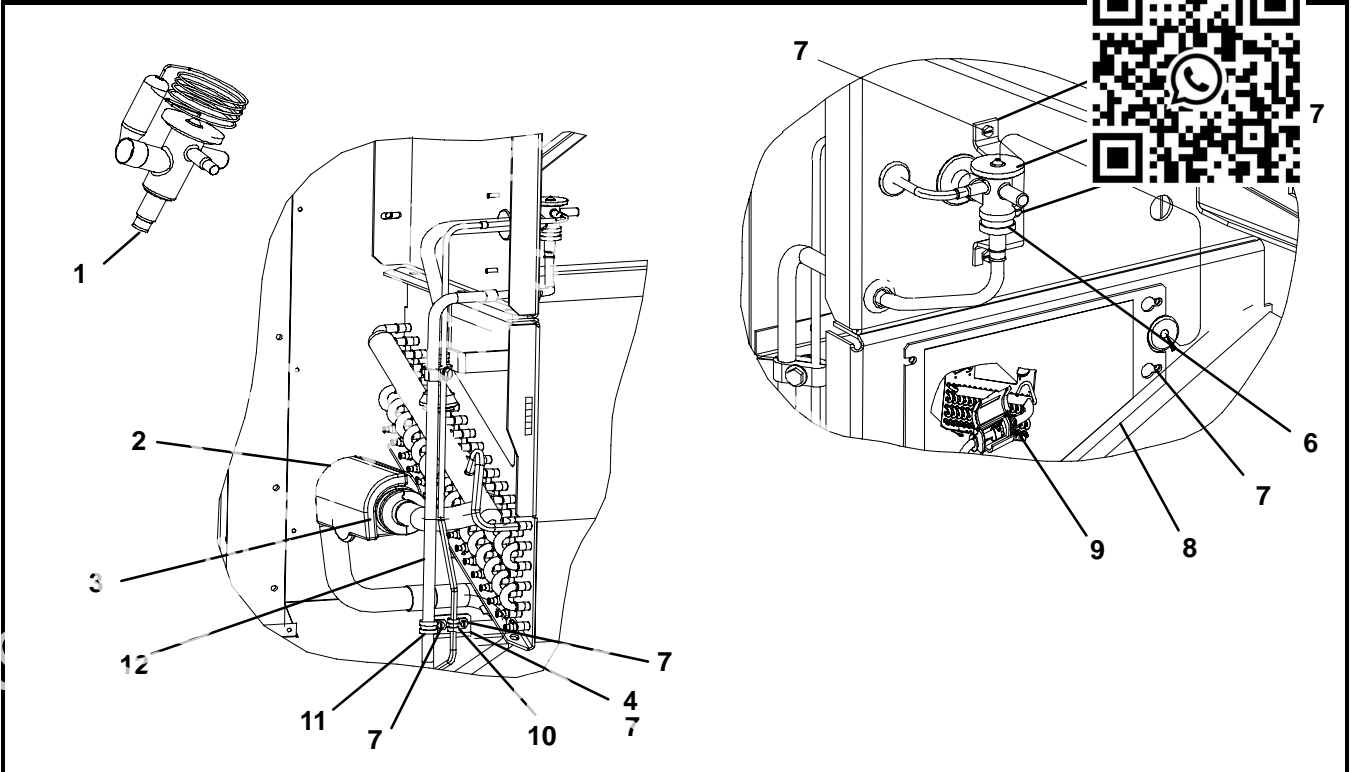
NOTE

Must order tubing accessory kit 76-00677-00 when ordering P/N 69NT42-914 for field installation on units provisioned for a water-cooled condenser.



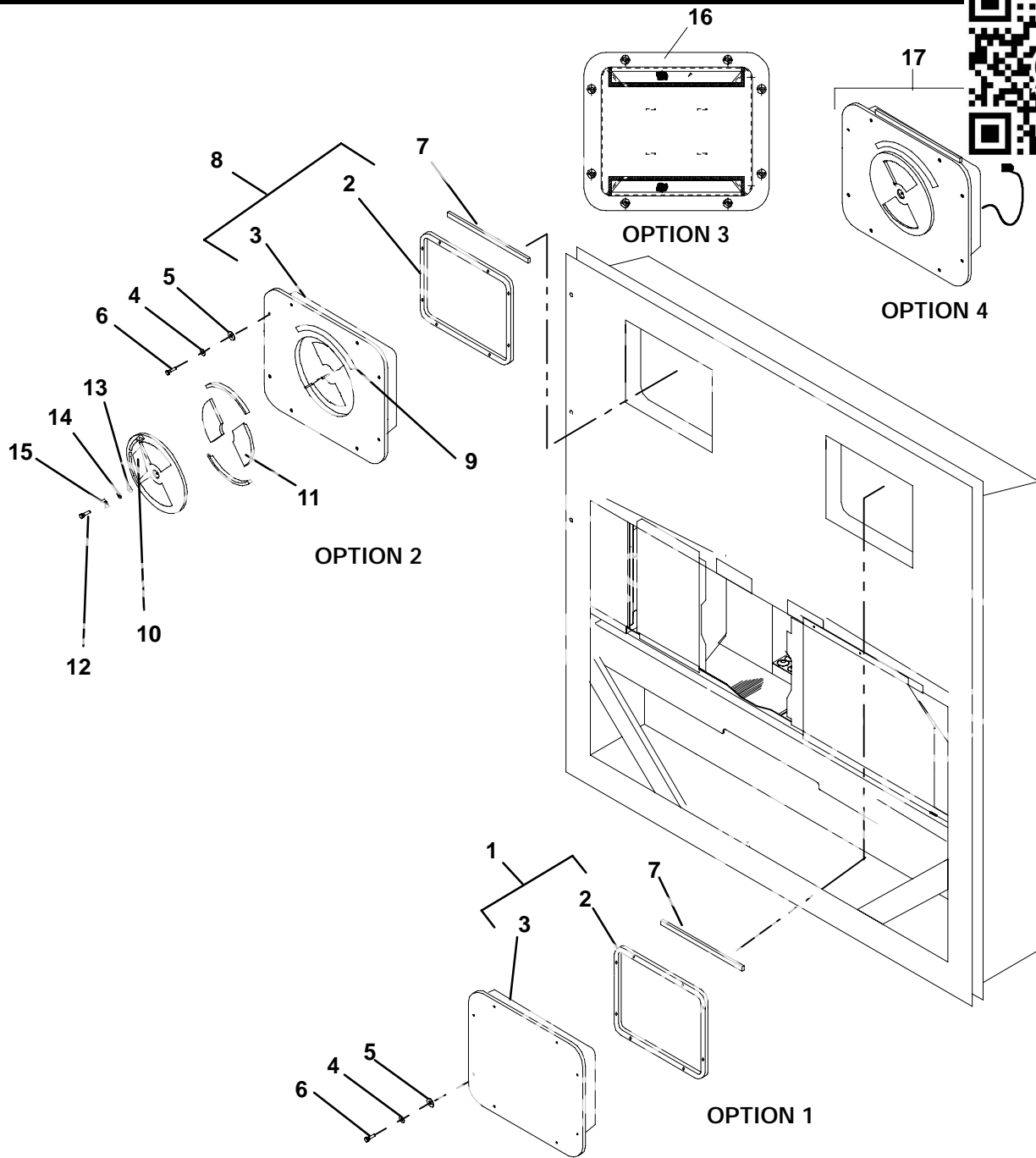
Item	Part Number	Description	Qty
1	12-00395-01SV	Sensor Assembly (STS & SRS)	2
2	58-04277-00SV	Cap, Probe - Includes:	2
3	58-04278-00	Grommet N ^{OS}	2
4	58-04279-00	Cover, Probe	1
5	58-04276-00	Holder, Probe	1
6	66U1-5321-7	Washer, Flat, 1/4 - SST	2
7	66U1-5371-7	Screw, Machine, Hex Head, #10-24 x .50 lg. - SST	2

2.16 THERMOSTATIC EXPANSION VALVE



Item	Part Number	Description	Qty
1	14-00273-01	Valve, Thermostatic Expansions	1
2	58-04664-00	Insulation, Foam Formed, TXV Bulb	1
3	66U1-3882-3	Wire Tie	2
4	68-14890-00	Bracket	1
5	68-15015-00	Bracket, TXV	1
6	34-00373-59	Clamp, Tube .75 Dia.	1
7	66U1-5381-1	Screw, TF Hex. Hd. #10-24x.75 Lg Thread Cutting	12
8	68-14892-00	Plate, Cover	1
9	62-10980-00	Label, TXV Bulb	1
10	34-00373-51	Clamp, Tube .25 Dia.	1
11	44-00370-03	Clamp, Tube .50 Dia.	1
12	56-08347-00	Tube, .50 O.D.	1

2.17 UPPER FRESH AIR MAKE-UP AND ACCESS PANEL SECTION



2.17 UPPER FRESH AIR MAKE-UP AND ACCESS PANEL SECTION

Item	Part Number	Description	Qty
OPTION 1 EVAPORATOR FAN ACCESS PANEL - PLAIN			
1	79-01697-06SV	Panel, Access (See NOTE) - Includes:	A/R
2	42-00296-01	Gasket	1
3	42-00327-00	Gasket, - 0.26 x 0.50 Halfmoon	1
4	34-006212-12	Washer, Flat, 1/4 - SST	8
5	34-06053-13	Washer, Mylar, 1/4 ID X 0.80 OD	8
6	34-06154-00	Screw, Hex Head, 1/4-20 x 1.00 lg. - TIR	8
7	66U1-2552-185	Gasket, 0.75 x 1.5 x 16.63	1

2.17 UPPER FRESH AIR MAKE-UP AND ACCESS PANEL SECTION (Continued)

OPTION 2 EVAPORATOR FAN ACCESS PANEL - WITH FRESH AIR MAKEUP



8	79-01694-00	Panel, Fresh Air Make-up w/Retaining Washers - Includes:	
2	42-00296-01	Gasket	
3	42-00327-00	Gasket, - 0.26 x 0.50 Halfmoon	
4	34-006212-12	Washer, Flat, 1/4 - SST	
5	34-06053-13	Washer, Mylar, 1/4 ID X 0.80 OD	8
6	34-06154-00	Screw, Hex Head, 1/4-20 x 1.00 lg. - TIR	8
7	66U1-2552-185	Gasket, 0.75 x 1.5 x 16.63	1
9	-	Label, Fresh Air (See Section 2.33 for Language Selection)	1
10	62-02783-00	Label, Fresh Air	1
11	42-00407-00	Gasket (One Piece)	1
12	34-06185-01	Screw, Machine Pan Head, #8-32 x 1/2 lg. - SST	1
13	34-06053-19	Washer, Mylar, 1.00 OD x 0.312 ID	1
14	66U1-5321-13	Washer, Flat, 5/16 - SST	1
15	66U1-5362-2	Nut, Wing, 5/16-18 - SST	1

OPTION 3 WITH FRESH AIR MAKEUP AND SCREENS - USE ALL OF OPTION 2 AND ITEM BELOW

16	58-04251-00	Screen, Medfly	2
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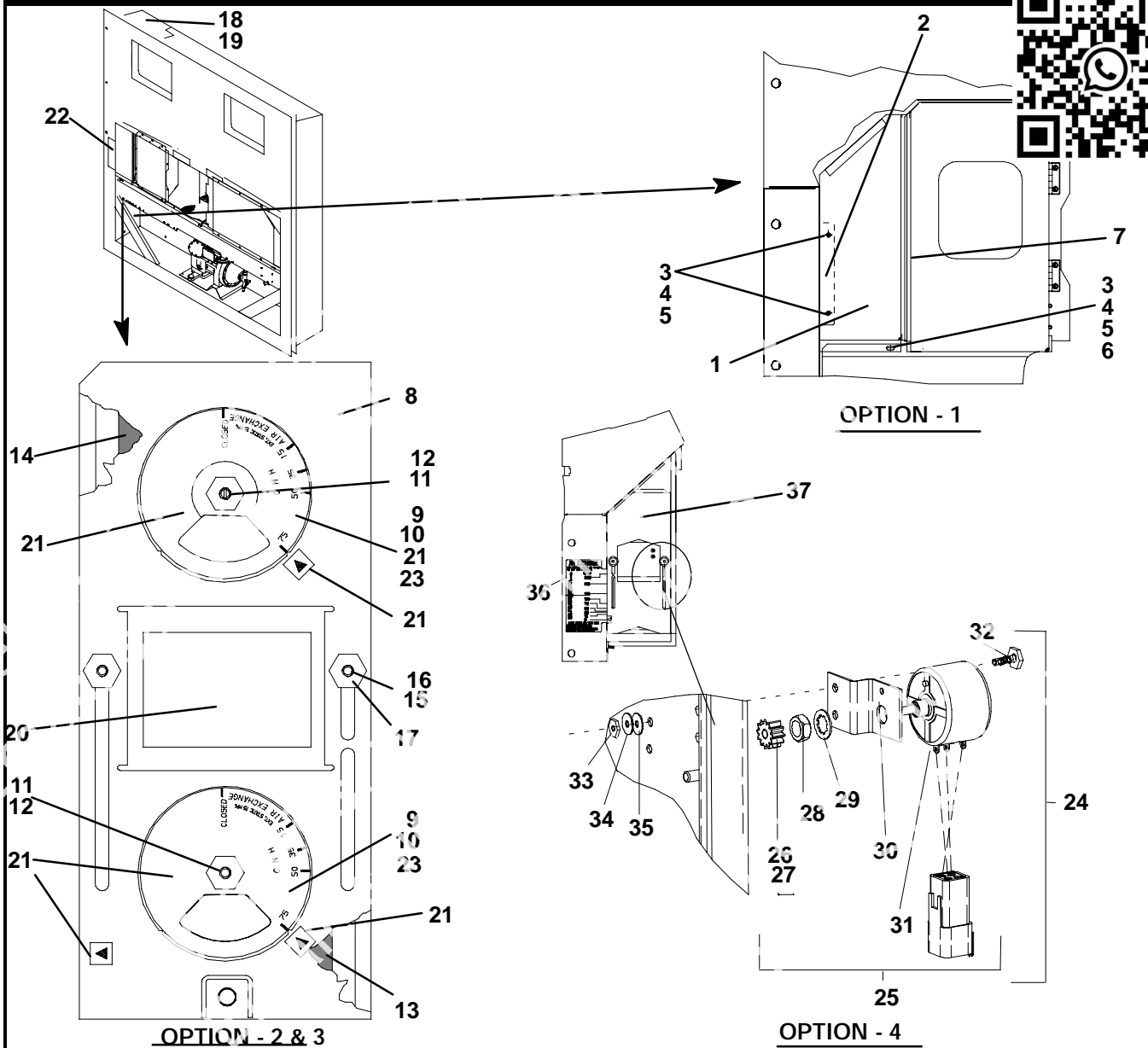
OPTION 4 EVAPORATOR FAN ACCESS PANEL - WITH FRESH AIR MAKEUP AND VENT POSITION SENSOR (VPS)

17	79-01902-00	Panel (orange), Fresh Air Make-up w/VPS - Includes:	A/R
	79-01902-01	Panel (white), Fresh Air Make-up w/VPS - Includes:	A/R
2	42-00296-01	Gasket	1
3	42-00327-00	Gasket, - 0.26 x 0.50 Halfmoon	1
4	34-006212-12	Washer, Flat, 1/4 - SST	8
5	34-06053-13	Washer, Mylar, 1/4 ID X 0.80 OD	8
6	34-06154-00	Screw, Hex Head, 1/4-20 x 1.00 lg. - TIR	8
7	66U1-2552-185	Gasket, 0.75 x 1.5 x 16.63	1
9	-	Label, Fresh Air (See Section 2.33 for Language Selection)	1
10	62-02783-00	Label, Fresh Air	1
13	34-06053-19	Washer, Mylar, 1.00 OD x 0.312 ID	1
14	66U1-5321-13	Washer, Flat, 5/16 - SST	1
15	66U1-5362-2	Nut, Wing, 5/16-18 - SST	1

NOTE

Access panels with Transfresh option should be ordered from Transfresh, **See Section 2.19** for address.

2.18 LOWER FRESH AIR MAKE-UP VENT

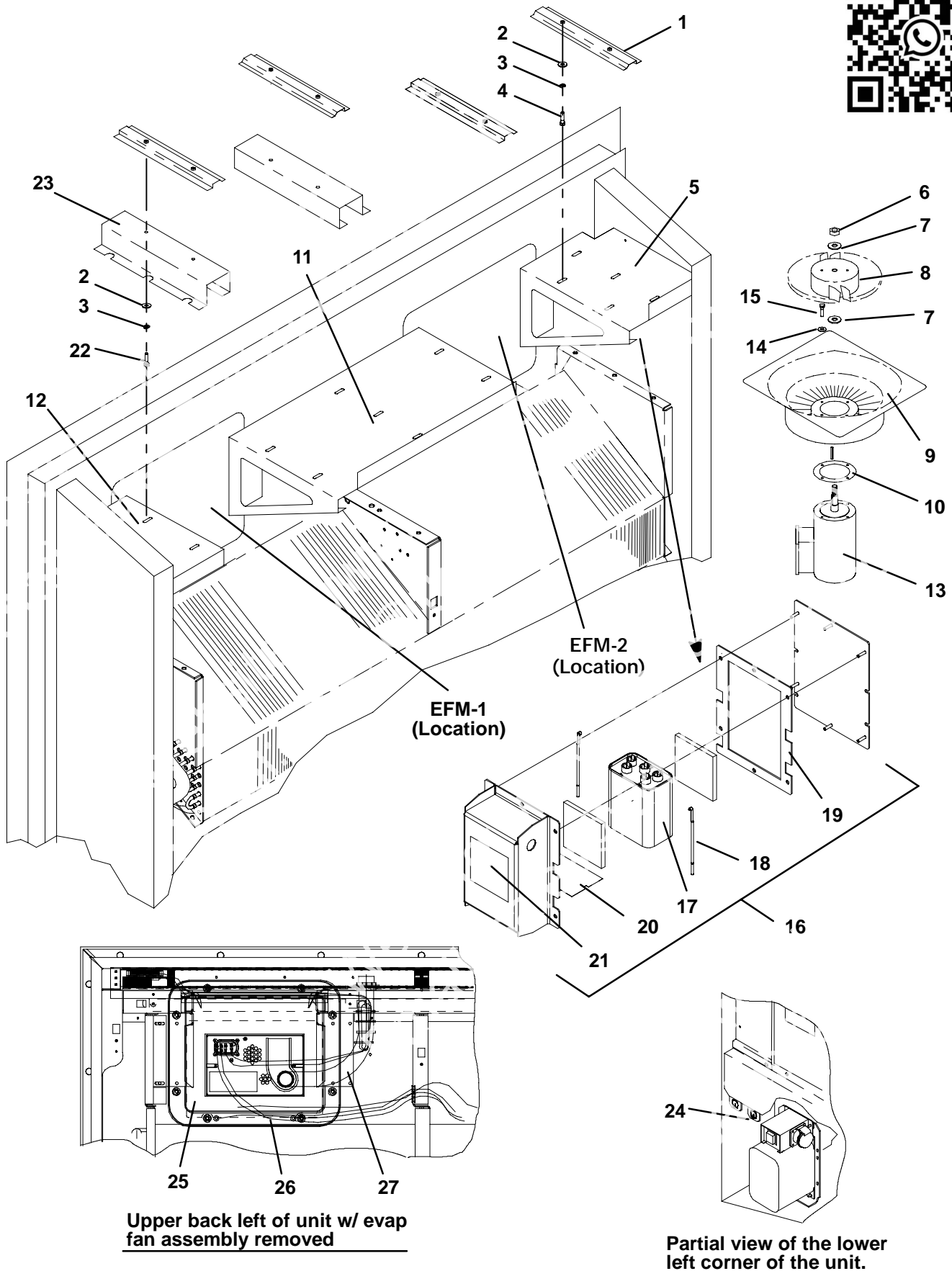


Item	Part Number	Description	Qty
OPTION 1 - LOWER FRESH AIR (NONE)			
1	69NT35-4047	Panel, Blank	1
2	69NT43-307	Bracket, Panel	1
3	66U1-5361-25	Screw, Hex Head, 1/4-20 x 3/4 lg. - SST	3
4	34-06053-18	Washer, Mylar, 1/4 ID x 1.00 OD	3
5	66U1-5321-3	Washer, Flat, 1/4, Type A- SST	3
6	69NT35-2692-1	Washer, Fender 1/4 - SST	1
7	42-00465-00	Gasket	1
OPTION 2 - INSTALLED			
8	69NT41-852-1	Cover, Fresh Air Makeup - Includes:	1
9	69NT40-976-3	Cover Assembly, Air Bleed - Includes:	2
10	42-00233-01	Gasket, Air Exchange	2
11	34-06092-00	Nut, Hex, 1/4-20 UNC-2B - SST	2
11	34-06183-00	Nut, Hex, (with mini handle), 1/4-20 UNC-2B - SST	2
12	34-06053-00	Washer, Mylar, 1/4 ID x 1.00 OD	2

2.18 LOWER FRESH AIR MAKE-UP VENT


Item	Part Number	Description	Qty
13	42-00295-01	Gasket, Cover	
14	42-00295-00	Gasket, Cover	
15	69NT41-782	Bushing	
16	66U1-5321-7	Washer, Flat, 1/4 - SST	
17	34-06092-00	Nut, Hex, 1/4-20 UNC-2B - SST	A/R
	34-06183-00	Nut, Hex, (with mini handle), 1/4-20 UNC-2B - SST	A/R
18	69NT35-8348	Elafle, Unpainted	1
19	34-00928-09	Rivet, Blind, .156 Diameter, Grip Range - 3/16-1/4	4
20	69NT35-7012	Label, Fresh Air	1
21	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
22	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 3 - INSTALLED WITH SCREENS - USE ALL OF OPTION 2 PLUS ITEM BELOW			
23	58-04263-01	Screen Assembly, Medfly	2
OPTION 4 - INSTALLED WITH VENT POSITION SENSOR			
24	76-50136-00	Assembly, Vent Position Sensor - Includes:	1
25	79-01925-00	Sensor Assembly - Includes:	1
26	48-00377-00	Gear, 69nt, Auto LFA	1
27	34-06262-00	Screw, Set #8- 32 X .156lg	1
28	34-06287-00	Nut, Hex Jam 3/ 8- 32	1
29	34-06286-00	Washer, Lock 3/ 8- 32	1
30	68-14955-00	Bracket, .063 Thk Sst	1
31	10-00455-00	Sensor, LVPS; Potentiometer	1
32	66U1-5371-7	Screw, Hex Head 10-24 x 1/2 gi. SST	2
33	34-00666-09	Nut, Hex, 10-24 UNC-2B - SST	2
34	66U1-5321-8	Washer, Flat, 1/2, Type A- SST	2
35	34-06053-04	Washer, Mylar	2
36	62-10984-00	Label, LVPS, Air Exchange	1
37	79-01934-00	Assembly, Slide	1

2.19 EVAPORATOR FAN ASSEMBLY AND CONTROLLED ATMOSPHERE - TRANSFRESH S



Upper back left of unit w/ evap fan assembly removed

Partial view of the lower left corner of the unit.

2.19 EVAPORATOR FAN ASSEMBLY AND CONTROLLED ATMOSPHERE - TRANSFRESH

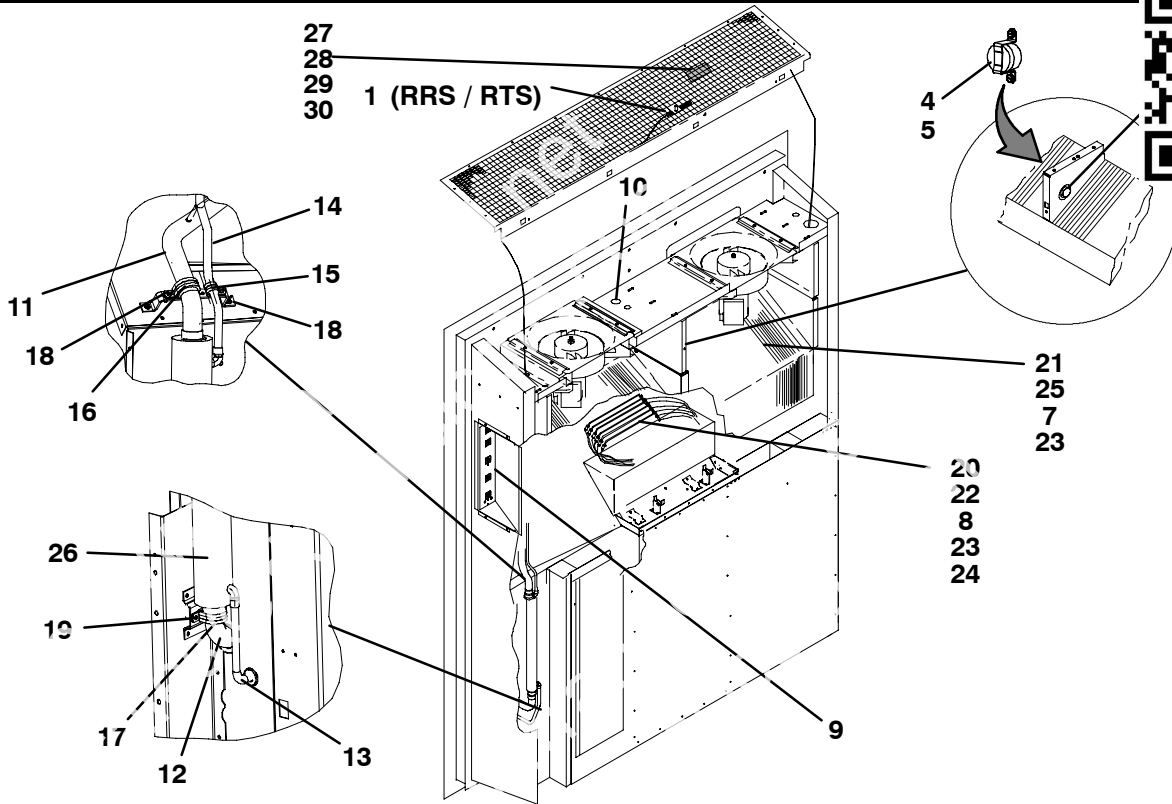


Item	Part Number	Description	Qty
1	69NT43-295	Mounting Bracket, Evaporator Fan Assembly	
2	69NT35-2692-1	Washer, Fender	
3	34-00663-11	Washer, Lock, 1/4 - SST	
4	34-06165-09	Screw, Hex Head, 1/4-20 x 1-1/4 lg. - SST	
5	69NT43-284	Fan Deck, Right	1
6	34-00795-17	Nut, Self Locking, 5/8-18 - SST	2
7	34-00616-06	Washer, Special, 5/8 - SST	4
8	38-00557-00	Fan, Evaporator	2
9	48-00262-00	Stator, Evaporator	2
10	58-04066-00	Protector - Mylar	2
11	69NT43-285	Fan Deck, Center	1
12	69NT43-283	Fan Deck, Left	1
13	54-00585-20	Motor, Evaporator Fan - Includes:	2
NS	04-50027-00	Bearing, Front (Shaft End)	1
NS	22-50088-00	Capacitor (20 µF) High Speed	1
NS	22-01613-34	Pin #16	1
NS	22-01892-00	Plug Assembly, Motor (Located on Wire Harness) - Includes:	1
NS	22-01614-03	Plug	1
NS	22-01613-15	Contacts	A/R
NS	22-01892-01	Receptacle Assembly, Motor - Includes:	1
NS	22-01614-02	Receptacle	1
NS	22-01614-05	Strain Relief	1
NS	22-01613-14	Contacts	A/R
14	66U1-5321-3	Washer, Flat, 1/4 - SST	8
15	34-06165-09	Screw, Hex Head, 1/4-20 x 1-1/8 lg. - SST	8
POWER FACTOR CORRECTION			
16	10-00421-01	Power Factor Correction Box Assembly - Includes:	1
17	10-00400-00	Capacitor Kit - Includes	1
NS	10-00400-01	Capacitor	1
NS	42-00457-00	Bumper	2
18	34-06215-01	J-Hook	2
19	42-00499-00	Gasket	1
20	58-04407-00	Protector, Mylar	1
21	62-10360-00	Label, Capacitor	1
CONTROLLED ATMOSPHERE - TRANSFRESH			
-	76-00681-01	Kit, Transfresh Field Installation (For units with NO Transfresh Provision) - Includes:	-
22	34-00655-28	Screw, Hex Head, 1/4-20 x 3-1/2 lg. - SST	4
23	69NT35-6348	Bracket	2
NS	58-04290-00	Pipe Assembly, PVC	1
*24	69NT35-8734-4	Cable Assembly, Transfresh Communications Connector (TCC)	1
*25	69NT35-8734-16	Panel Assembly, Transfresh	1
*26	69NT35-8734-12	Cable, Power - A2C (Transfresh)	1
*27	69NT35-8734-5	Hose Assembly, Air (Transfresh)	1
*NS	69NT35-8734-14	Cable Assembly, Rear (Transfresh)	1
*NS	69NT35-8734-6	Fuse Assembly, In-line (Transfresh)	1


NOTE

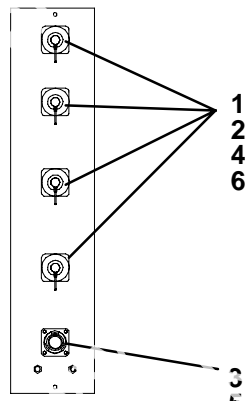
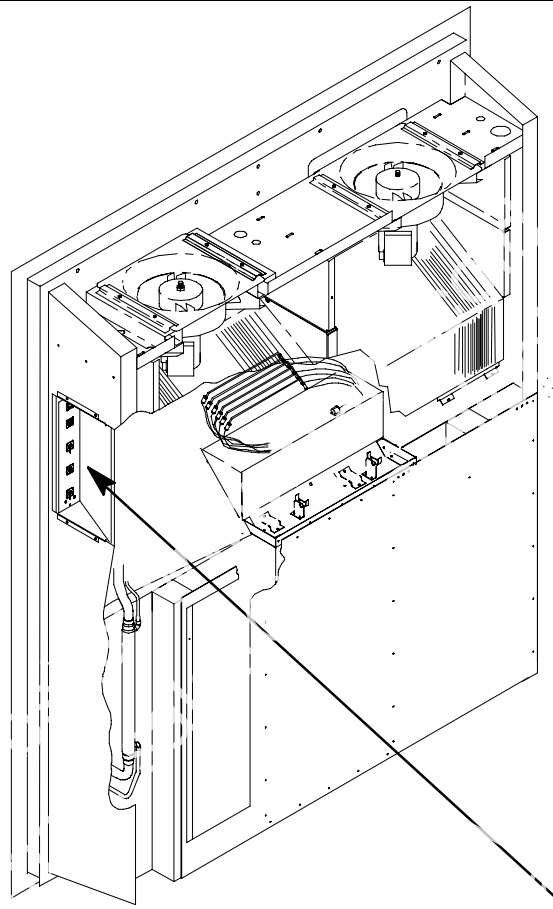
* Contact - TransFresh Corp., P.O. Box 1788, Salinas, CA 93902 to order these parts.

2.20 EVAPORATOR COIL SECTION - REAR PANELS REMOVED

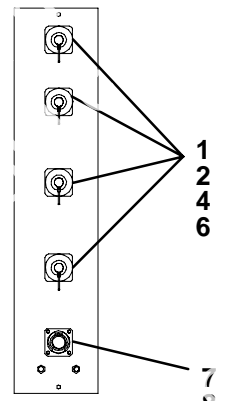


Item	Part Number	Description	Qty
1	12-00500-01SV	Sensor Assembly (RRS / RTS)	1
2	12-00495-02SV	Sensor, Thermistor, Defrost (DTS)	1
3	34-01178-23	Screw, Hex Head, #8-32 x 3/4 lg. - SST (For mounting DTS)	3
4	66U1-6912-16	Thermostat, Heat Termination (HTT)	1
5	34-01178-22	Screw, Hex Head, #8-32 x 1/2 lg.	1
6	Deleted	Deleted	
7	66U1-5361-25	Capscrew, Hex Head, 1/4-20 x 3/4 lg. - SST	9
8	69NT35-2692-1	Washer, Fender, 1/4 - SST	3
9	-	USDA Option - Refer to Section 2.21	-
NS	66U1-3803-1	Tube, Heat Shrink - 1/2 x 2-3/4 lg.	A/R
10	58-00616-00	Plug, Hole (2 inch diameter) (Located on Fan Deck)	1
11	56-08343-00	Tube, Suction Line	1
12	56-07323-00	Tube, Suction Line	1
13	69NT35-4027-1	Tube, Liquid Line	1
14	56-08347-00	Tube, Liquid Line	1
15	44-00370-03	Clamp, Tube .50 Dia.	1
16	44-00370-08	Clamp, Tube 1.125 Dia.	1
17	44-00370-10	Clamp, Tube 1.25 Dia.	1
18	66U1-5381-1	Screw, TF HexHd #10-24x.75 Thread Cutting	2
19	66U1-5371-6	Screw, Mach. HexHd #10-24x.75 Sltd	1
20	24-00006-02	Heater, Evaporator Coil	6

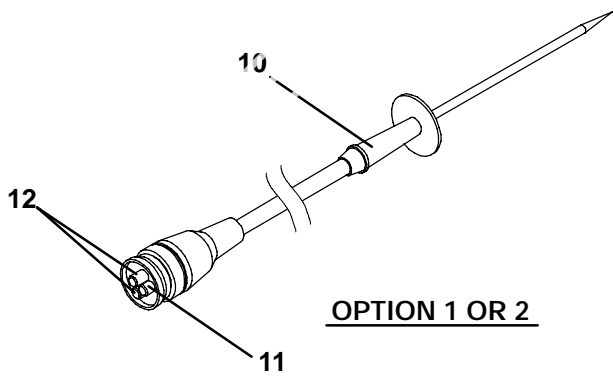
2.20 EVAPORATOR COIL SECTION - REAR PANELS REMOVED (Continued)and			
21	81-01925-00	Coil, Evaporator w/o Varnish	
	81-01925-01	Coil, Evaporator w Varnish	
22	68-13600-00	Retainer	
23	34-00663-11	Washer, Lock 1/4 Spring	
24	66U1-5371-13	Screw, Mach. HXHD 1/4-20 x 1.25 Lg	
25	66U1-5321-3	Washer, Plain 1/4N Type A	9
OPTION 3 - EVAPORATOR COIL WITH HERMETIC TXV and LARGE HEAT EXCHANGER			
26	65-00144-01	Heat Exchanger (suction Line) Large	1
OPTION 5 - EVAPORATOR COIL WITH HERMETIC TXV and STANDARD HEAT EXCHANGER			
26	65-00144-00	Heat Exchanger (suction Line) Standard	1
DEHUMIDIFICATION			
-	76-00675-01	Kit, Humidity Sensor(Field installation, units provisioned for - See Unit Matrix) - Includes:	-
27	10-00413-00	Sensor, Humidity (HS)	1
28	66U1-5371-10	Screw, Hex Head, #10-24 x 1.00 lg. - SST	2
29	66U1-5321-3	Washer, Flat, #10 - SST	2
30	68-13131-00	Bracket Assembly, Humidity Sensor	1



OPTION - D



OPTION - V

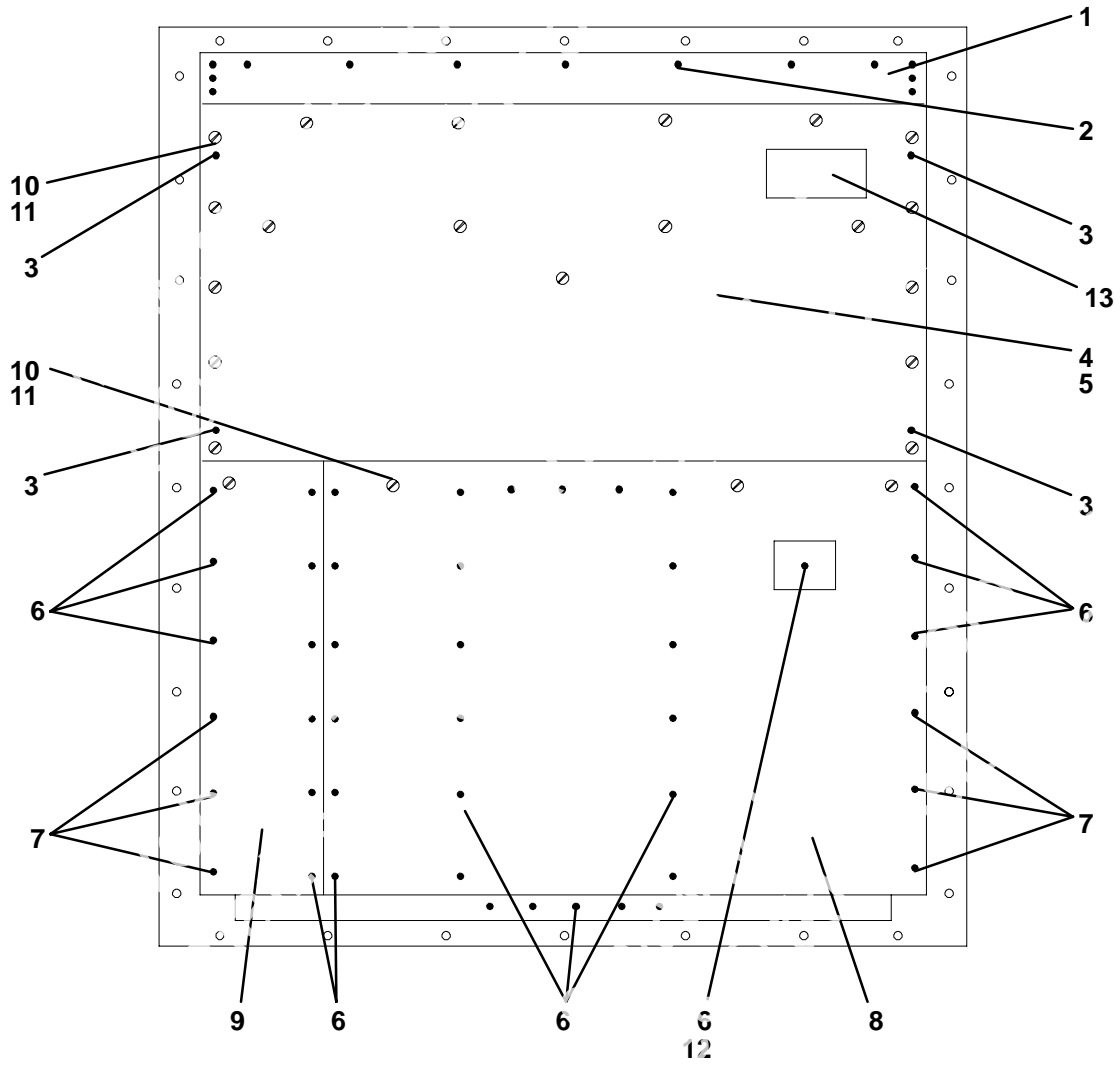


OPTION 1 OR 2

2.21 USDA OPTION AND PROBES



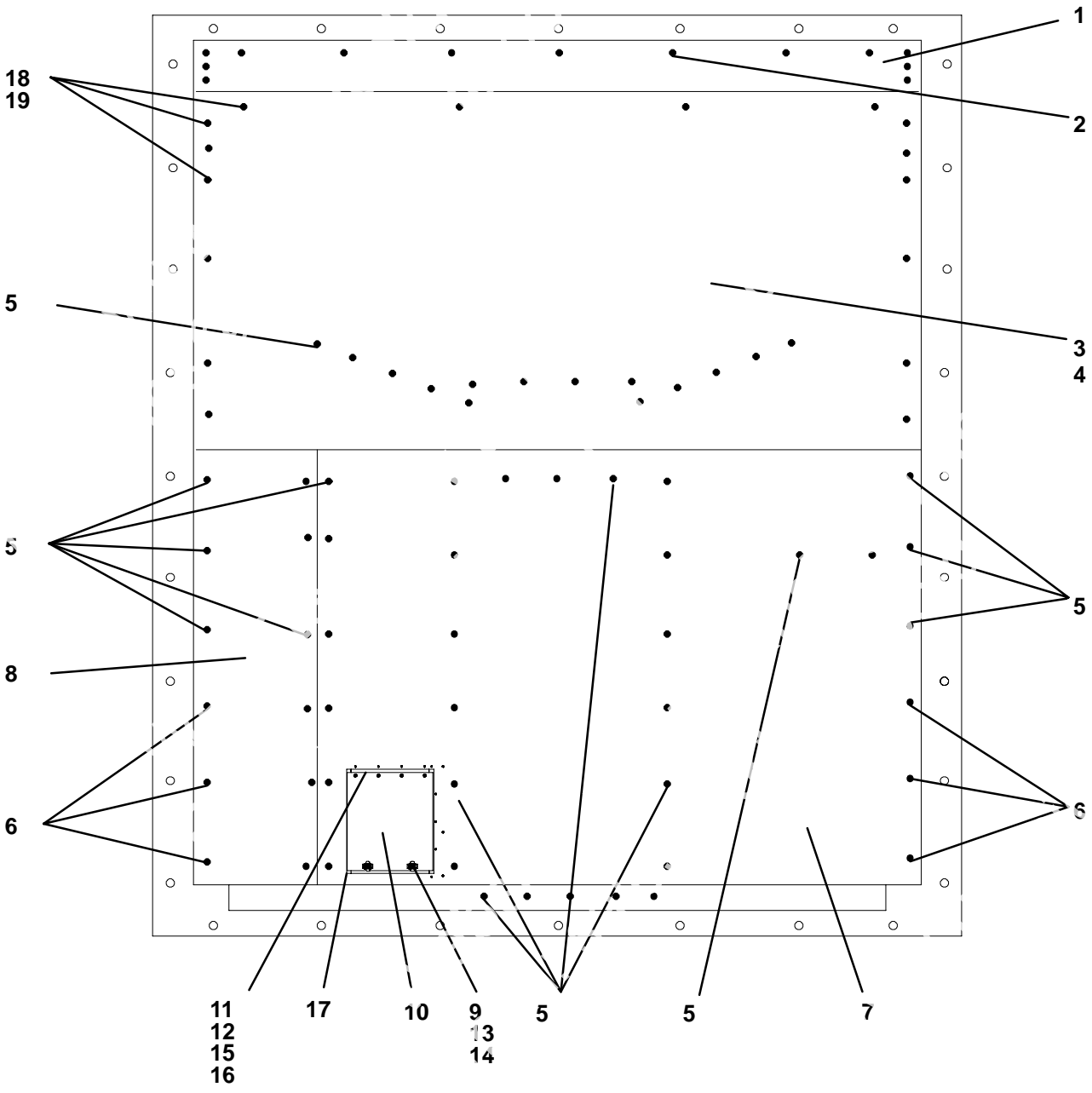
Item	Part Number	Description	
OPTION D			
-	76-00760-00	Kit, USDA (For field installation, units provisioned for side USDA - See Unit Matrix) - Includes:	
1	07-00397-12	Plug, Sealing	
2	22-01660-00	Receptacle (PR1, PR2, PR3, Cargo Probe 4) (3 Pin)	4
3	22-01660-03	Receptacle, Interrogator (ICR) (5 Pin)1	1
NS	69NT41-992	Plate Assembly, USDA - Includes:	1
4	69NT43-175	Cap, Dust, with Tether (3 Pin)	4
5	69NT43-176	Cap, Dust, with Chain (5 Pin)	1
6	22-01613-14	Contact, Pin, #16 (Used with 22-01660-00 & 22-01660-03)	13
NS	69NT40-507-1	Door Assembly (Included and Used with REAR-mount USDA only)	1
NS	22-01660-04	Plug, Interrogator Socket (ICR) (5 Pin)	1
OPTION V			
1	22-01660-03	Plug, Sealing	4
2	22-01660-00	Receptacle (PR1, PR2, PR3, Cargo Probe 4) (3 Pin)	4
4	69NT43-175	Cap, Dust, with Tether (3 Pin)	4
6	22-01613-14	Contact, Pin, #16 (Used with 22-01660-00 & 22-01660-03)	13
7	22-02412-00	Receptacle, Interrogator (5 Pin)	1
8	22-02413-00	Cap, Dust, with Tether (5 Pin)	1
9	22-02398-02	Socket, Contact (Silver Plated)	A/R
	22-02398-03	Socket, Contact (Gold Plated)	A/R
USDA PROBE KITS			
OPTION 1			
10	12-00342-03	Sensor Assembly, 600" lg. (15M) (USDA Probe) - Includes:	A/R
11	22-50127-00	Plug, Socket (PR1, PR2, PR3, Cargo Probe 4)	1
12	22-01613-15	Contact, Socket, #16 (Used with 22-50127-00 & 22-01660-04)	A/R
OPTION 2			
10	12-00342-02	Sensor Assembly, 540" lg. (13.5M) (USDA Probe) - Includes:	A/R
	12-00342-04	Sensor Assembly, 600" lg. (15M) (USDA Probe) - Includes:	A/R
11	22-50127-00	Plug, Socket (PR1, PR2, PR3, Cargo Probe 4)	1
12	22-01613-15	Contact, Socket, #16 (Used with 22-50127-00 & 22-01660-04)	A/R
NOTE			
Do not mix silver pins with gold pins and sockets.			



2.22 BACK PANEL ASSEMBLY - OPTION 1 - ALUMINUM BOLTED



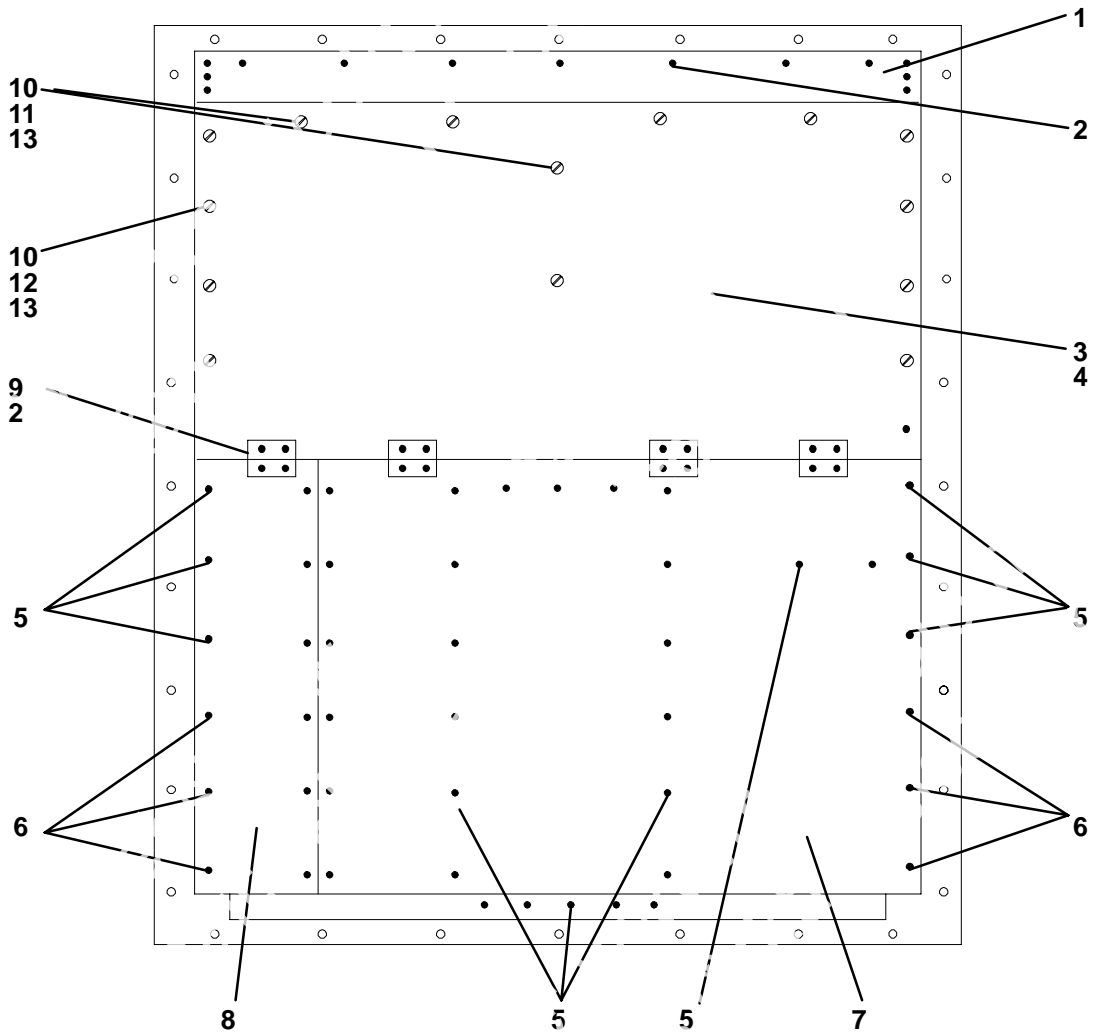
Item	Part Number	Description	Qty
1	69NT43-464	Grille, Top (Unpainted)	
2	34-00928-09	Rivet, Blind, 5/32 Diameter, Grip Range - 1/8-1/4	
3	66U1-7982-2	Rivet, TIR, 3/16 Diameter, Grip Range - 5/64-11/64	
4	69NT41-942-3	Panel Assembly, Upper - Includes:	
NS	NSS	Drain Pan, Side (Location - Behind upper panel)	2
NS	NSS	Drain Pan, Center (Location - Behind upper panel - Top)	1
5	42-00334-00	Gasket (Location - Behind upper panel)	1
NS	66U1-8075	Gasket (25 ft., Cut to length)	A/R
6	34-00928-02	Rivet, Blind, 1/8 Diameter, Grip Range - 1/8-3/16	46
7	34-00928-03	Rivet, Blind, 1/8 Diameter, Grip Range - 3/16-1/4	3
8	68-13475-00	Panel, Bottom, (Painted)	1
8	68-13475-08	Panel, Bottom, (Unpainted)	1
9	68-13475-01	Panel, Bottom (Provision for heat exchanger location), (Painted)	1
9	68-13475-09	Panel, Bottom (Provision for heat exchanger location), (Unpainted)	1
10	66U1-2403	Screw, Machine, Truss Head, #10-24 x 1/2 lg. - SST	20
11	69NT35-2692	Washer, Fender, #10 x 1.00 OD - SST	20
12	69NT35-2257	Duct, Air	1
13	62-02822-01	Label, Carrier Transicold	1



2.23 BACK PANEL ASSEMBLY - OPTION 3 - ALUMINUM BOLTED WITH PROBE ACC



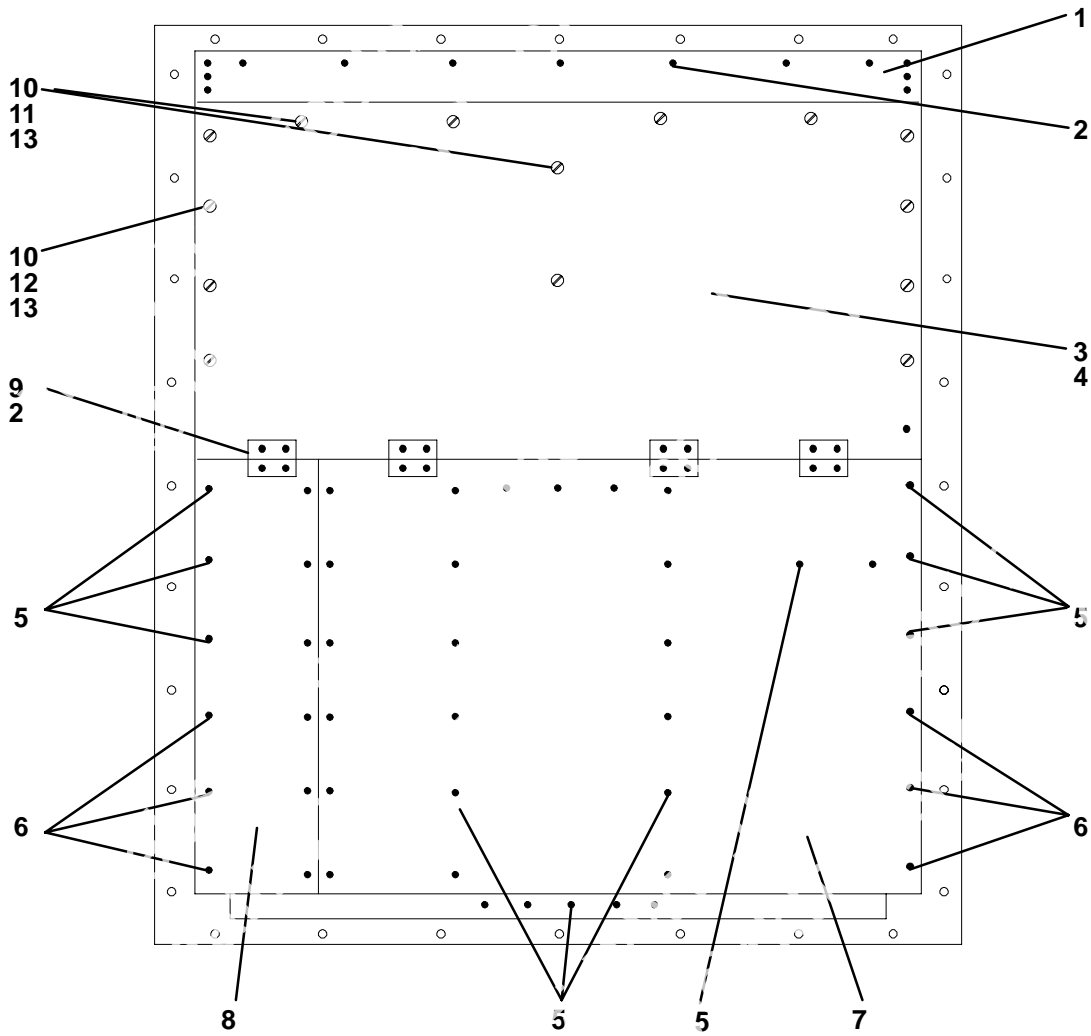
Item	Part Number	Description	Qty
1	69NT43-464	Grille, Top	
2	34-00928-09	Rivet, Blind, 5/32 Diameter, Grip Range - 1/8-1/4	
3	69NT41-942-3	Panel Assembly, Upper - Includes:	
NS	NSS	Drain Pan, Side	
NS	NSS	Drain Pan, Center	1
4	42-00334-00	Gasket (Location - Behind upper panel)	1
5	34-00928-02	Rivet, Blind, 1/8 Diameter, Grip Range - 1/8-3/16	46
6	34-00928-03	Rivet, Blind, 1/8 Diameter, Grip Range - 3/16-1/4	8
7	68-13475-04	Panel, Bottom (Painted)	1
8	68-13475-01	Panel, Bottom (Painted)	1
NS	66U1-8075	Gasket (25 ft., Cut to length)	A/R
9	34-01150-31	Receptacle, Retaining	2
10	69NT43-471	Door Assembly, Probe Access - Includes:	1
11	66U1-2803-10	Hinge	1
12	69NT35-7662-3	Spacer, Hinge	1
13	34-01150-30	Washer, Retaining	2
14	34-01150-04	Stud, 1/4 Turn, 0.97 lg.	2
15	34-00928-04	Rivet, Blind, 1/8 Diameter, Grip Range - 1/4-5/16	8
16	69NT35-3286	Plate, Door Back - Upper	1
17	69NT35-3296	Plate, Door Back - Lower	1
18	66U1-2403	Screw, Machine, Truss Head, #10-24 x 1/2 lg. - SST	18
19	69NT35-2692	Washer, Fender, #10 x 1.00 OD - SST	18



2.24 BACK PANEL ASSEMBLY - OPTION 4 - ALUMINUM HINGED



Item	Part Number	Description	Qty
1	69NT43-464	Grille, Top	1
2	34-00928-09	Rivet, Blind, 5/32 Diameter, Grip Range - 1/8-1/4	7
3	69NT41-942-4	Panel Assembly, Upper - Includes:	
NS	NSS	Drain Pan, Side	
NS	NSS	Drain Pan, Center	1
4	42-00334-00	Gasket (Location - Behind upper panel)	1
5	34-00928-02	Rivet, Blind, 1/8 Diameter, Grip Range - 1/8-3/16	46
6	34-00928-03	Rivet, Blind, 1/8 Diameter, Grip Range - 3/16-1/9	3
7	68-13475-00	Panel, Bottom, (Painted)	1
	68-13475-02	Panel, Bottom, (Unpainted)	1
8	68-13475-01	Panel, Bottom (Provision for USDA location), (Painted)	1
	68-13475-09	Panel, Bottom (Provision for USDA location), (Unpainted)	1
NS	66U1-8075	Gasket (25 ft., Cut to length)	A/R
9	69NT35-3282	Hinge	4
10	34-01150-30	Washer, Retaining	14
11	34-01150-06	Stud, 1/4 Turn, 1.03 lg.	6
12	34-01150-03	Stud, 1/4 Turn, 0.94 lg.	8
13	34-01150-31	Receptacle, Retaining	14



2.25 BACK PANEL ASSEMBLY - OPTION 5 - STAINLESS STEEL HINGED

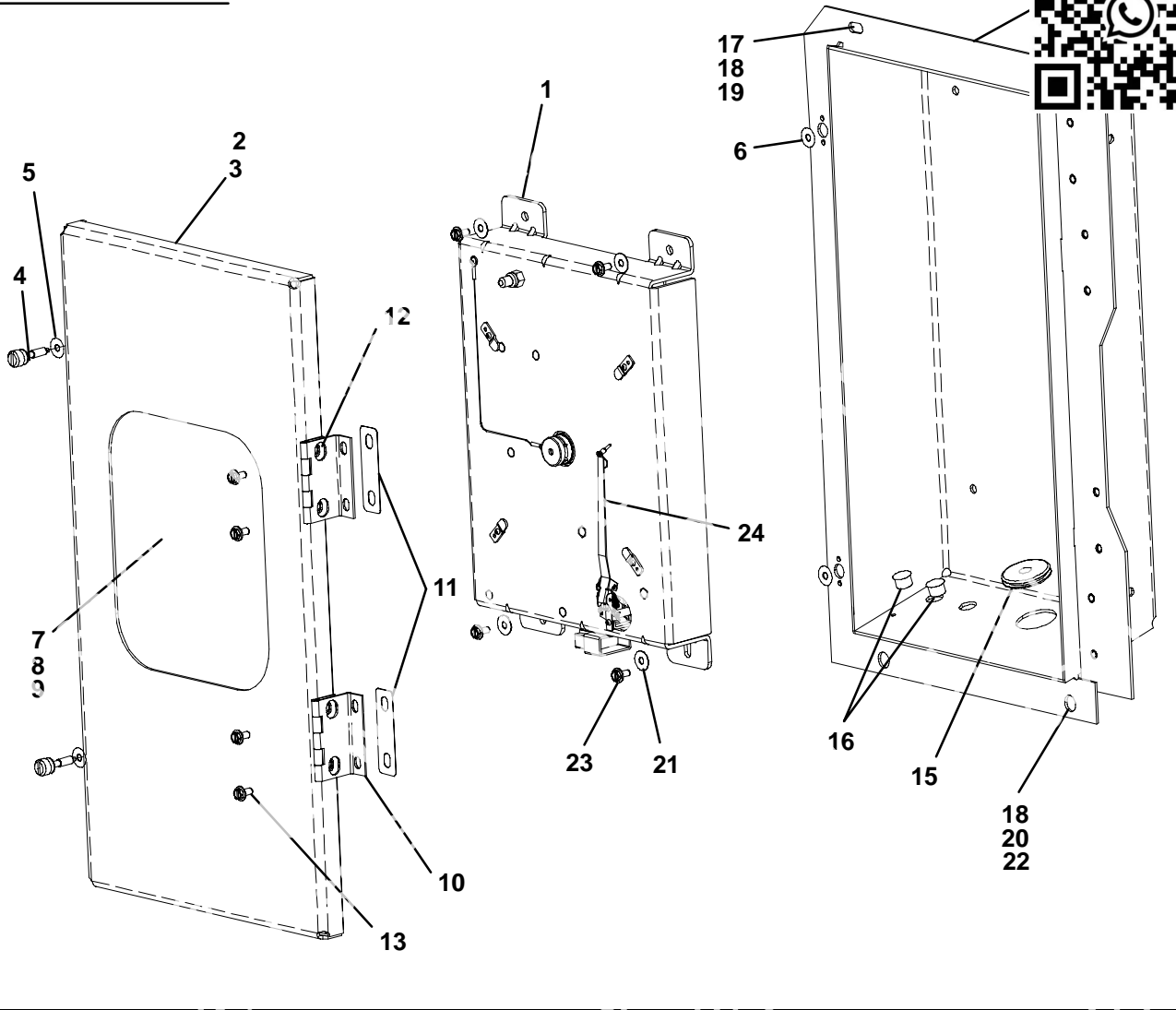


Item	Part Number	Description	Qty
1	69NT43-464	Grille, Top	
2	34-00928-09	Rivet, Blind, 5/32 Diameter, Grip Range - 1/8-1/4	
3	69NT41-942-5	Panel Assembly, Upper - Includes:	
NS	NSS	Drain Pan, Side	
NS	NSS	Drain Pan, Center	1
4	42-00334-00	Gasket (Location - Behind upper panel)	1
5	34-00928-02	Rivet, Blind, 1/8 Diameter, Grip Range - 1/8-3/16	46
6	34-00928-03	Rivet, Blind, 1/8 Diameter, Grip Range - 3/16-1/9	3
7	69NT35-6598	Panel, Bottom. SST	1
8	69NT35-6598-1	Panel, Bottom (Provision for USDA location), SST	1
NS	66U1-8075	Gasket (25 ft., Cut to length)	A/R
9	69NT35-3282	Hinge	4
10	34-01150-30	Washer, Retaining	14
11	34-01150-06	Stud, 1/4 Turn, 1.03 lg.	6
12	34-01150-03	Stud, 1/4 Turn, 0.94 lg.	8
13	34-01150-31	Receptacle, Retaining	14

2.26 OPTION 7 AND OPTION 8 - ELECTRONIC PARTLOW TEMPERATURE RECORDER

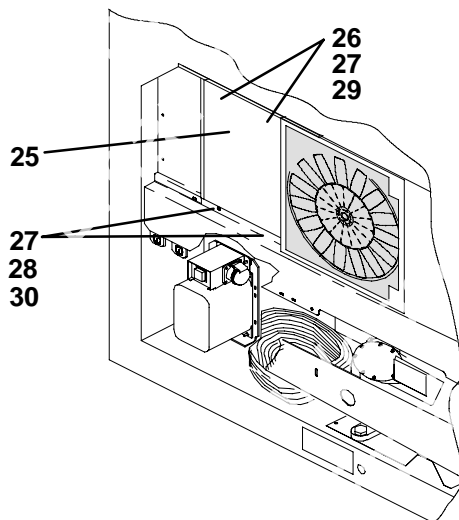


OPTION - 7 and 8



2.27 OPTION 9 - NO TEMPERATURE RECORDER

OPTION 9



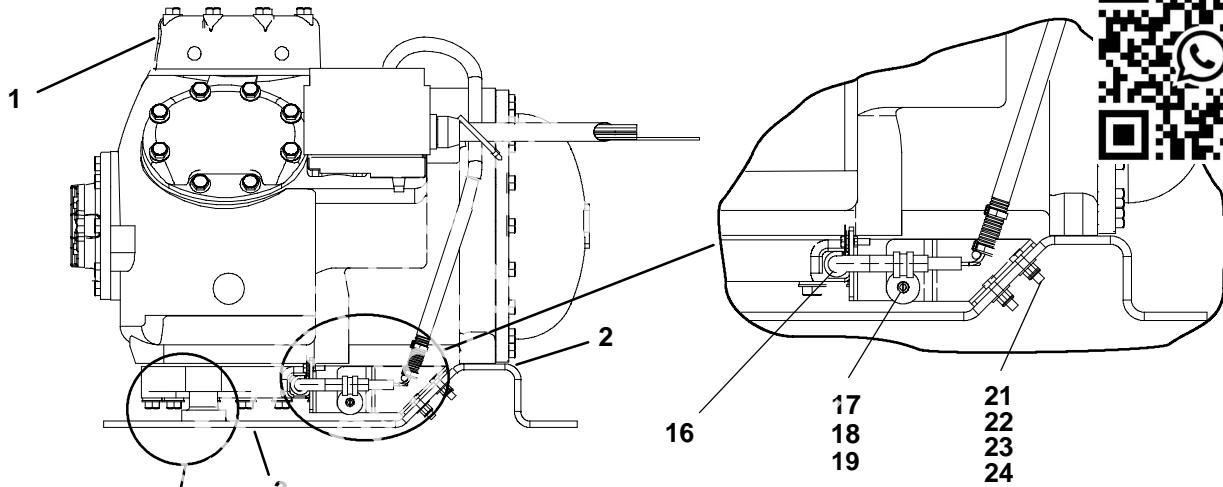
2.26 OPTION 7 AND OPTION 8 - ELECTRONIC PARTLOW TEMPERATURE RECORDER

Item	Part Number	Description	Qty
-	76-00701-11 OPTION 7	Partlow Recorder Kit, Standard - Includes: Recorder, Box & Door (For field installation, units provisioned for - Refer to Unit matrix)	
1	12-00464-08	Electronic Temperature Recorder	
-	76-00701-10 OPTION 8	Partlow Recorder Kit, Special - Includes: Recorder, Box & Door (For field installation, units provisioned for - Refer to Unit matrix)	
1	12-00464-04	Electronic Temperature Recorder	1
2	76-00701-05	Door Assembly - Includes:	1
3	42-01098-01	Seal, Door - Rubber	1
4	66U1-6811-8	Screw, Retaining - .300 - .625 Panel Thickness - SST	2
5	34-06053-00	Washer, .25 I.D. x 1.00 O.D. - Mylar	4
6	34-06169-00	Washer, Retaining - SST	2
7	69NT35-5022-5	Window	1
8	69NT35-5352-1	Gasket	1
9	34-00795-09	Nut, Selflock, 1/4-20	4
10	44-00374-00	Hinge	2
11	58-04101-07	Protector - Mylar	4
12	34-06179-04	Screw, Hex Head, SEMS, #10-24 x 5/16 lg.	4
13	34-06179-00	Screw, Hex Head, #10-24 x 7/16 lg. - SST	4
14	76-00701-06SV	Box Assembly - Includes:	1
15	58-00065-67	Grommet, 3/8 ID x 1.25 OD	1
16	58-00065-70	Plug, Hole, .50 DIA	2
17	66U1-5321-7	Washer, Flat, 1/4 - SST	2
18	66U1-5361-25	Screw, Cap, Hex Head, 1/4-20 x .75 lg. - SST	4
19	34-06053-13	Washer, Retaining, .19 I.D. x .80 O.D. - Mylar	2
20	69NT35-2692-1	Washer, Fender, 1/4 I.D. x .993-1.015 O.D.	2
21	34-06053-05	Washer, 1/4 I.D. x 1 O.D. - Mylar	4
22	34-06053-03	Washer, .25 I.D. x .19 O.D. - Mylar	2
23	34-06179-00	Screw, Hex Head, SEMS, #10-24 x 7/16 lg.	4
24	09-00371-00	Stylus, Electronic Partlow Kit, Includes	
NS	-	Chart - Owner Supplied	A/R
NS	09-00128-00	Charts _F - 31 Day (Box of 50) (-20_F to +80_F)	A/R
NS	09-00128-01	Charts _C - 31 Day (Box of 50) (-25_C to +25_C)	A/R
NS	66U1-3882	Wire Tie	A/R
NS	58-04246-00	Base, Wire Tie	A/R

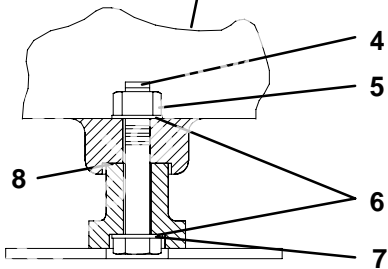
2.27 OPTION 9 - NO TEMPERATURE RECORDER

Item	Part Number	Description	Qty
25	68-12658-01	Panel	1
26	66U1-5321-7	Washer, Flat, 1/4 - SST	2
27	66U1-5361-25	Screw, Cap Hex Head, 1/4-20 x .75 lg. - SST	4
28	69NT35-2692-1	Washer, Fender, 1/4 I.D. x .993-1.015 O.D.	2
29	34-06053-13	Washer, Retaining, .195 I.D. x .80 O.D. - Mylar	2
30	34-06053-03	Washer, .25 I.D. x 1.00 O.D. - Mylar	2

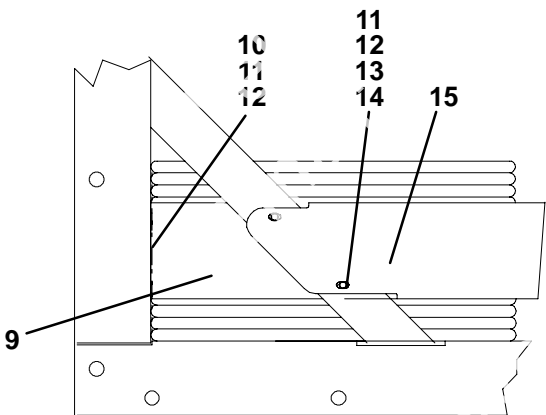
2.28 COMPRESSOR MOUNTING, GUARD, CRANKCASE HEATER COMPONENTS



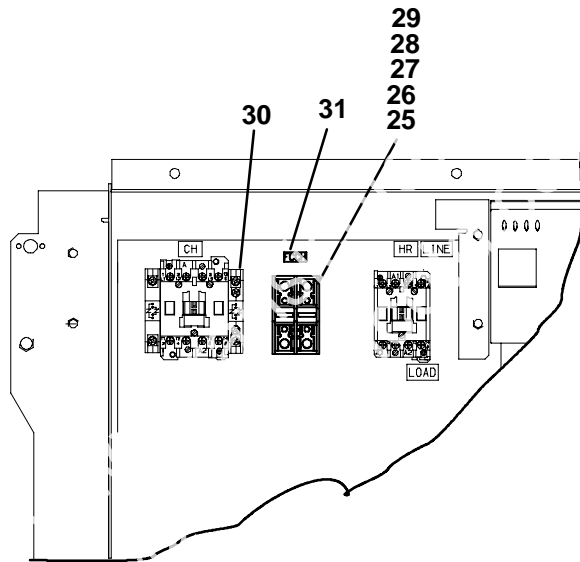
OPTION C - Compressor Crankcase Heater



Compressor Foot - Section View



Guards - Bottom Left Corner of Unit

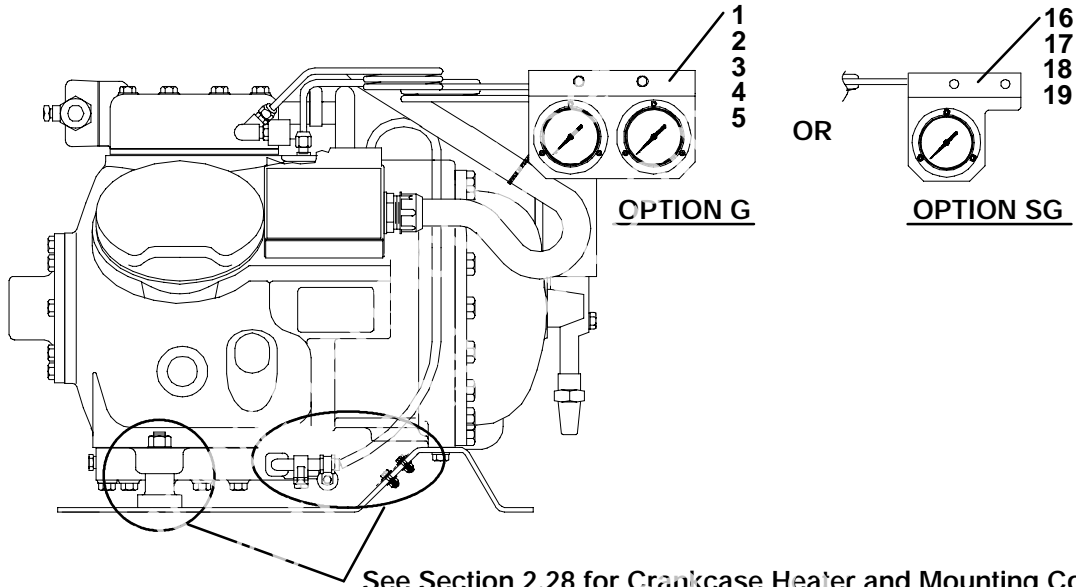


OPTION C - Control Box Upper Left Corner

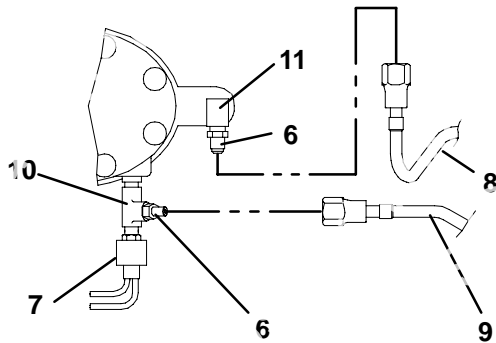
Item	Part Number	Description	Qty
1	-	Compressor - Refer to Section 4	-
2	69NT35-6132	Protector (Compressor to Compressor Base)	1

2.28 COMPRESSOR MOUNTING, GUARD, CRANKCASE HEATER COMPONENTS

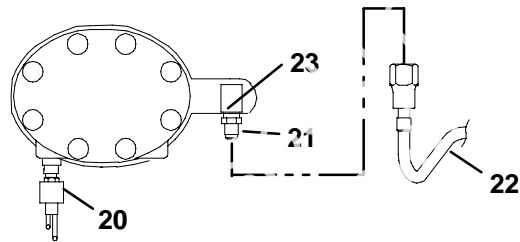

Item	Part Number	Description	Qty
3	69NT43-469	Base, Compressor	
NS	66U1-5361-7	Bolt, Hex Head, 3/8-16 x 1.00 lg. - SST	
NS	66U1-5321-5	Washer, Flat, 3/8 - SST	
NS	AU11JR241	Washer, Lock, 3/8 - SST	
NS	34-06053-02	Washer, Mylar, 0.375 ID x 1.00 OD	7
4	34-00849-22	Capscrew, 7/16-14 x 2-3/4 lg. - SST	2
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	Capscrew, 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, .125 Thick Alum. (Blue)	1
	68-12432-01	Guard, Compressor, .090 Thick Alum. (Blue)	1
	68-12432-02	Guard, Compressor, .090 Thick Alum. (White)	1
	68-12432-03	Guard, Compressor, .125 Thick Alum., For Right Extended Guard (Blue)	1
OPTION C - CRANKCASE HEATER			
-	77-01018-05	Crankcase Heater Installation Kit - Includes:	1
16	24-02019-00	Heater, Compressor Crankcase (CCH) NSS	1
17	44-00370-03	Clamp, Tube, Cushioned, 1/2 Diameter - SST	1
18	34-06053-00	Washer, Mylar, 1/4 ID x 1.0 OD	1
19	66U1-5371-6	Screw, Machine Hex Head, #10-24 x .75 lg. - SST	1
20	69NT-35-8284	Bracket, Heater Mounting	1
NS	66U1-3882	Wire Tie	1
NS	66U1-3803	Heat Shrink Tubing	3
NS	22-01292-00	Butt Splice	3
NS	02-00086-00	Thermo Grease	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 Thk.	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	34-06243-00	Screw, #8-32x.75	2
29	66U1-5321-2	Washer, #8	2
30	10-00431-02	Contact, Aux.	1
31	62-10530-15	Label (FCCH)	1



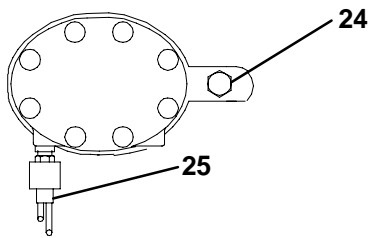
See Section 2.28 for Crankcase Heater and Mounting Components



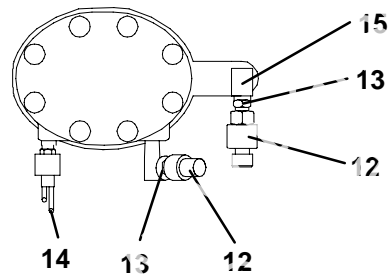
OPTION G - Center Cylinder Head View with Both gauges



OPTION SG - Center Cylinder Head View with Suction Gauge Only



OPTION - Center Cylinder Head View without Gauges

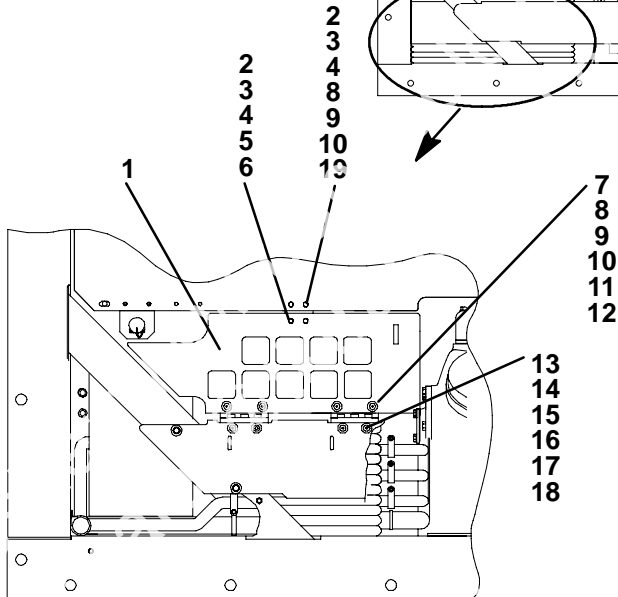
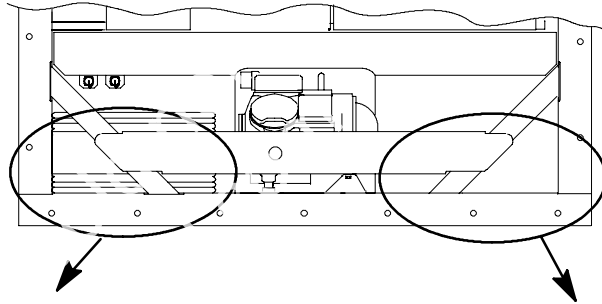


OPTION T - Center Cylinder Head View with Pressure Transducers

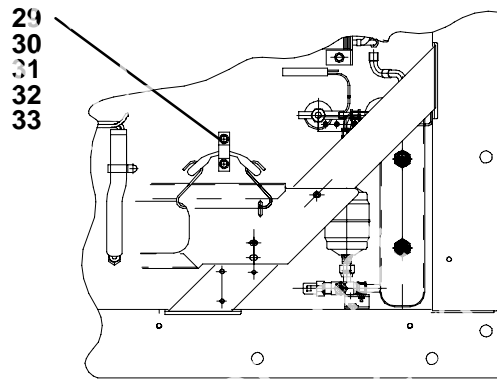
2.29 COMPRESSOR GAUGES AND TRANSDUCERS



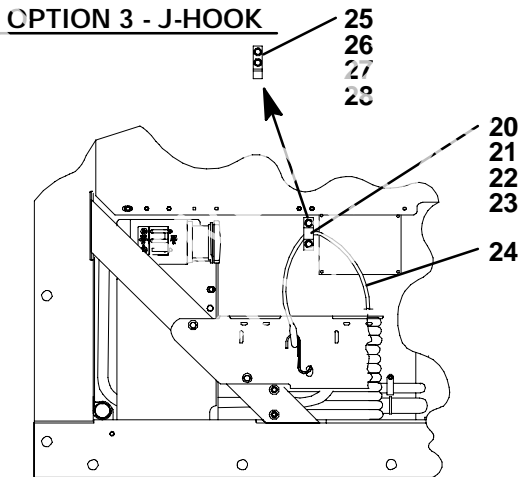
Item	Part Number	Description	
OPTION G - PRESSURE GAUGES			
1	69NT41-106-2	Stiffener Assembly	
NS	66U1-5321-8	Washer, Flat, #10 - SST	
NS	66U1-5371-6	Screw, Hex Head, #10-24 x 3/4 lg. - SST	
NS	34-06053-05	Washer, Mylar, 0.205 ID x 0.600 OD	2
2	68-13472-03SV	Bracket Assembly, Gauge	1
3	12-01124-02	Gauge, Suction Pressure	1
4	12-01125-02	Gauge, Discharge Pressure	1
5	66U1-6651-19	Screw, Pan Head, #6-32 x 7/16 lg. - SST	6
6	06DA403-844	Valve Assembly, Core, Check (Schrader Valve) - Brass	2
7	12-00309-06	Switch, High Pressure (HPS)	1
NS	22-02392-00SV	Connector, Female, 2 Pin Used w/12-00309-03 (Includes terminals & cable seal)	1
8	69NT41-553	Tube Assembly, Low Pressure	1
9	69NT41-543	Tube Assembly, High Pressure	1
10	CA21JA051	Tee, 1/4 npt	1
11	40-00060-02	Elbow, 90 Street, 1/4 FPT x 1/4 MPT - Brass	1
OPTION H - PRESSURE TRANSDUCERS			
12	12-00352-00	Transducer, Pressure	2
13	06DA403-844	Valve Assembly, Core, Check (Schrader Valve) - Brass	2
14	12-00309-06	Switch, High Pressure (HPS)	1
NS	22-02392-00SV	Connector, Female, 2 Pin Used w/12-00309-03 (Includes terminals & cable seal)	1
15	40-00060-02	Elbow, 90 Street, 1/4 FPT x 1/4 MPT - Brass	1
OPTION SG - SUCTION PRESSURE GAUGE ONLY			
16	69NT41-106-2	Stiffener Assembly	1
NS	66U1-5321-8	Washer, Flat, #10 - SST	2
NS	66U1-5371-6	Screw, Hex Head, #10-24 x 3/4 lg. - SST	2
NS	34-06053-05	Washer, Mylar, 0.205 ID x 0.600 OD	2
17	68-13472-01	Bracket Assembly, Gauge	1
18	12-01124-01	Gauge, Suction Pressure	1
19	66U1-6651-19	Screw, Pan Head, #6-32 x 7/16 lg. - SST	3
20	12-00309-06	Switch, High Pressure (HPS)	1
NS	22-02392-00SV	Connector, Female, 2 Pin Used w/12-00309-03 (Includes terminals & cable seal)	1
21	06DA403-844	Valve Assembly, Core, Check (Schrader Valve) - Brass	2
22	69NT41-553	Tube Assembly, Low Pressure	1
23	40-00060-02	Elbow, 90 Street, 1/4 FPT x 1/4 MPT - Brass	1
OPTION I - NO GAUGES			
24	40-00123-02	Plug, Pipe, 1/4-18 NPTF - Brass	1
25	12-00309-06	Switch, High Pressure (HPS)	1
NS	22-02392-00SV	Connector, Female, 2 Pin Used w/12-00309-03 (includes terminals & cable seal)	1



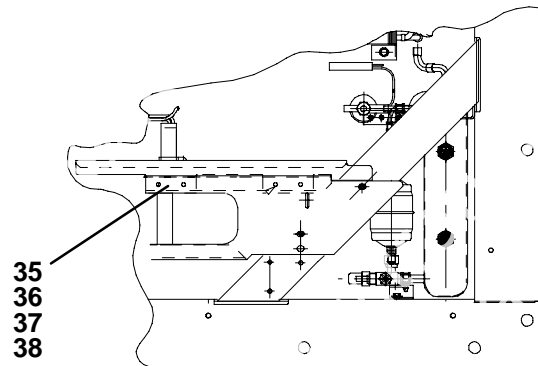
OPTION 1 - CABLE DOOR



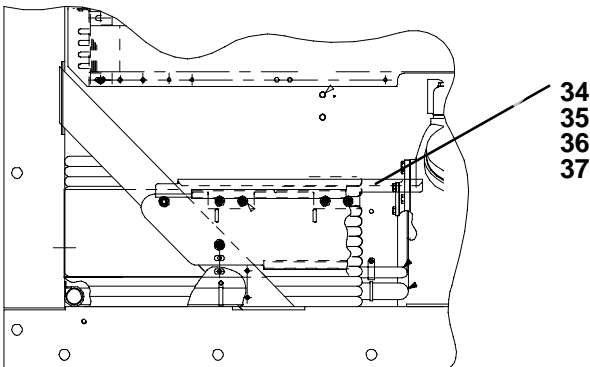
OPTION 4 and 6 - RIGHT SIDE BUNGY CORD



OPTION 2, 4, 5 and 6 - LEFT SIDE BUNGY CORD



OPTION 6 - RIGHT SIDE EXTENDED GUARD



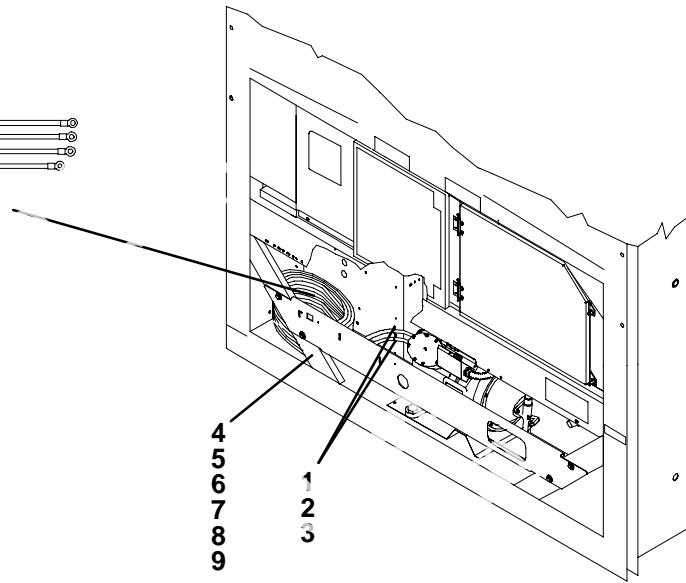
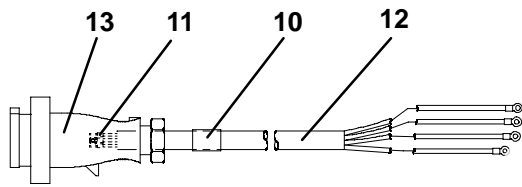
OPTION 5 and 6 - LEFT SIDE EXTENDED GUARD

2.30 CABLE RESTRAINT COMPONENTS



Item	Part Number	Description	
OPTION 1 - CABLE DOOR			
1	69NT41-724-4	Cover Assembly w/Latch, Cable Storage - Includes:	
2	34-06126-08	Screw, Hex Head, #4-40 x 1/2 lg. - SST	
3	34-00662-05	Washer, Flat, #4 -SST	
4	34-00667-05	Locknut, Hex Head, #4-40	2
5	34-06053-08	Washer, Mylar, 1/8 ID x 3/8 OD	2
6	44-00340-03	Latch	1
7	69NT35-8032	Hinge	2
8	66U1-2403	Screw, Truss Head, #10-24 x 1/2 lg. - SST	4
9	66U1-5321-8	Washer, Flat, #10	4
10	34-00667-09	Locknut, Hex Head, #10-24 - SST	4
11	34-06053-05	Washer, Mylar, 3/16 ID x 5/8 OD	4
12	58-04001-02	Protector, Mylar	2
13	58-04001-01	Protector, Mylar	1
14	34-06053-05	Washer, Mylar, 3/16 ID x 5/8 OD	2
15	34-01167-01	Retainer, Nut	1
16	66U1-2403	Screw, Truss Head, #10-24 x 1/2 lg. - SST	2
17	66U1-5321-8	Washer, Flat, #10 - SST	2
18	66U1-5331-3	Washer, Lock, #10 - SST	4
19	44-00340-05	Latch, Catch	1
OPTION 2 - LEFT BUNGY CORD ONLY			
20	69NT35-5992	Cable Restraint	1
21	66U1-5321-7	Washer, Flat, 1/4 - SST	2
22	66U1-5361-25	Screw, Cap, Hex, Head, 1/4-20 x .75 lg - SST	2
23	34-06053-03	Washer, Mylar, .25 I.D. X 1.00 O.D.	2
24	66U1-2603	Strap, Tie Down	1
OPTION 3 - J-HOOK			
25	69NT35-8382	Cable Restraint, J-Hook	1
26	58-04026-22	Protector, Mylar	1
27	66U1-5321-7	Washer, Flat, 1/4 - SST	2
28	66U1-5361-25	Screw, Cap, Hex, Head, 1/4-20 x .75 lg - SST	2
OPTION 4 - LEFT AND RIGHT BUNGY CORD			
Use Option 2 Plus the Items Below			
29	66U1-2603	Strap, Tie Down	1
30	69NT35-5992	Cable Restraint	1
31	66U1-5361-25	Screw, Cap, Hex, Head, 1/4-20 x .75 lg - SST	2
32	66U1-5321-7	Washer, Flat, 1/4 - SST	2
33	34-06053-03	Washer, Mylar, .25 I.D. X 1.00 O.D.	2
OPTION 5 - LEFT BUNGY CORD WITH LEFT EXTENDED GUARD			
Use Option 2 Plus the Items Below			
34	68-13310-00	Bracket, Left	1
35	66U1-2403	Screw, Truss Head, #10-24 x 1/2 lg. - SST	A/R
36	66U1-5321-8	Washer, Flat, #10 - SST	A/R
37	34-06053-05	Washer, Mylar, 3/16 ID x 5/8 OD	A/R
OPTION 6 - LEFT AND RIGHT BUNGY CORD WITH EXTENDED GUARDS			
Use Option 4 and 5 Plus the Items Below			
38	68-13310-01	Bracket, Right	1

2.31 VOLTAGE CABLES



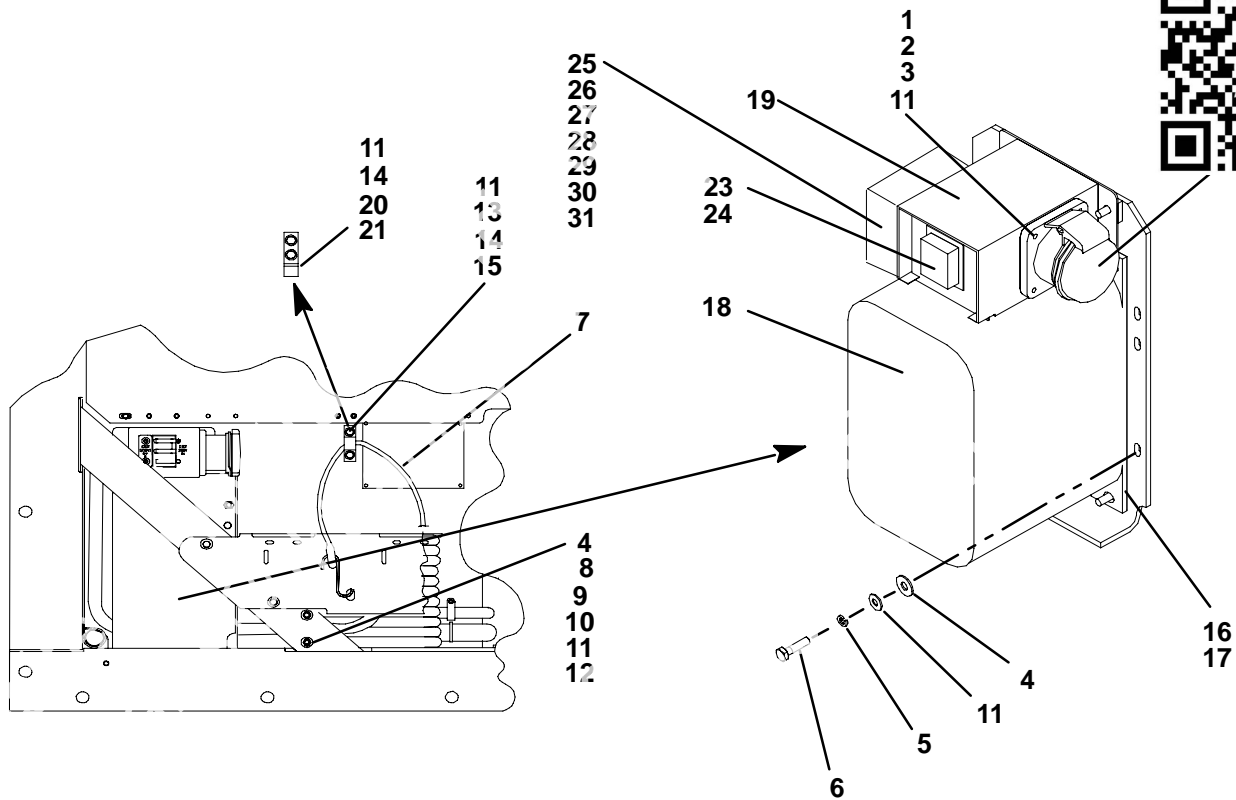
Item	Part Number	Description	Qty
CLAMPS ON BACK WALL AND CABLE CUTTERS			
1	34-00373-56	Clamp, Tube, Cushioned. 9/16 Diameter (Used with Transicord)	A/R
	34-00373-59	Clamp, Tube, Cushioned, 3/4 Diameter	A/R
2	66U1-5381-1	Screw, Hex Head, #10-24 x 3/4 lg. - SST	A/R
3	34-06053-03	Washer, Mylar, 1/4 ID x 1.00 OD	A/R
4	69NT35-6412-2	Clamp, Cable Cutter, 8 AWG cable	1
	68-14456-00	Clamp, Cable Cutter, 10 AWG cable	1
	58-14456-01	Clamp, Cable Cutter, 11 AWG cable	1
5	58-04026-07	Protector, Mylar	A/R
6	66U1-5361-11	Screw, Machined Hex Head, 1/4-20 x 1-1/2 lg. - SST	A/R
7	34-00667-11	Locknut, Hex Head, 1/4-20 - SST	A/R
8	66U1-5321-7	Washer, Flat, 1/4 - SST	A/R
9	34-06053-03	Washer, Mylar, 0.25 I.D. x 1.00 O. D.	A/R
460V CABLES			
STANDARD PARTS FOR ALL 460V CABLES			
10	66U1-2583	Heat Shrink Tube (Coil Label) - "460V"	1
11	22-02324-01	Bushing (Used with Standard Cable)	4
	22-02324-05	Bushing (Used with Transicord)	4
OPTION 1			
12	66U1-9782	Cable, Power - Yellow, 10/4	A/R
13	22-02378-00	Plug, Power	1
OPTION 2			
12	22-01551-00	Cable, Power - Yellow, 33 amp, 11 AWG	A/R
13	22-02378-00	Plug, Power	1
OPTION 3			
12	66U1-9782	Cable, Power - Yellow, 10/4	A/R
13	22-01891-00	Plug, Power	1
OPTION 4			
12	22-01551-00	Cable, Power - Yellow, 33 amp, 11 AWG	A/R
13	22-01891-00	Plug, Power	1

2.31 VOLTAGE CABLES (Continued)



Item	Part Number	Description	
OPTION 5			
12	22-01551-00	Cable, Power - Yellow, 33 amp, 11 AWG	
13	22-01883-00	Plug, Power	
OPTION 6			
12	22-01551-00	Cable, Power - Yellow, 33 amp, 11 AWG	A/R
13	22-01891-00	Plug, Power	1
OPTION 7			
12	66U1-9782	Cable, Power - Yellow, 10/4	A/R
13	22-01891-00	Plug, Power	1
OPTION 8			
12	66U1-9782	Cable, Power - Yellow, 10/4	A/R
13	22-01932-00	Plug, Power	1
OPTION 9			
12	66U1-9782	Cable, Power - Yellow, 10/4	A/R
13	22-02232-00	Plug, Power	1
230V CABLES			
STANDARD PARTS FOR ALL 230V CABLES			
10	66U1-2583-1	Heat Shrink Tube (Coil Label) - "230V"	1
11	22-02324-02	Bushing (Used with 8 AWG)	4
12	66U1-9782-1	Cable, Power - Black, 35 amps, 8 AWG	A/R
OPTION 1			
13	22-02188-00	Plug, Power	1
OPTION 2			
13	22-02375-00	Plug, Power	1
OPTION 3			
13	66U1-6782-3	Plug, Power	1
OPTION 4			
13	22-01744-00	Plug, Power	1
OPTION 5			
13	22-02322-00	Plug, Power	1
OPTION 6			
13	22-01384-00	Plug, Power	1
OPTION 7			
13	66U1-6782	Plug, Power	1
OPTION 8			
13	22-01931-00	Plug, Power	1
OPTION 9			
13	22-01906-00	Plug, Power	1

2.32 AUTOTRANSFORMER KIT



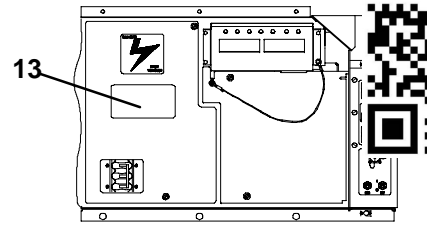
Item	Part Number	Description	Qty
STANDARD PARTS INCLUDED IN EVERY 76-00670 SERVICE KIT			
1	66U1-5371-7	Screw, Hex Head, #10-24 x 1/2 lg. - SST	4
2	66U1-5321-8	Washer, Flat, #10 - SST	4
3	34-06053-05	Washer, Mylar, 0.205 ID x 0.600 OD	4
4	34-06053-00	Washer, Mylar, 0.250 ID x 0.800 OD	5
5	AU11JR171	Washer, Lock, 1/4 - SST	5
6	AA06JA170	Screw, Hex Head, 1/4-20 x 1.00 lg.	5
7	66U1-2603	Strap, Tie Down	1
8	69NT35-6412-2	Clamp, Cable Cutter, 8 AWG cable	1
	69NT35-6412	Clamp, Cable Cutter, 10 AWG cable	1
	69NT35-6412-1	Clamp, Cable Cutter, 11 AWG cable	1
9	58-04026-07	Protector, Mylar	1
10	66U1-5361-11	Screw, Machined Hex Head, 1/4-20 x 1-1/2 lg. - SST	2
11	66U1-5321-7	Washer, Flat, 1/4 - SST	A/R
12	34-00667-11	Locknut, Hex Head, 1/4-20 - SST	2
13	69NT35-5992	Clamp, Tie Down Strap	1
14	66U1-5361-25	Bolt, Hex Head, 1/4-20 x 3/4 lg. - SST	A/R
15	34-06053-03	Washer, Mylar, 0.25 ID x 1.00 O.D.	2
16	69NT43-374	Bracket Assembly	1
17	58-04026-17	Protector, Mylar	1

2.32 AUTOTRANSFORMER KIT (Continued)

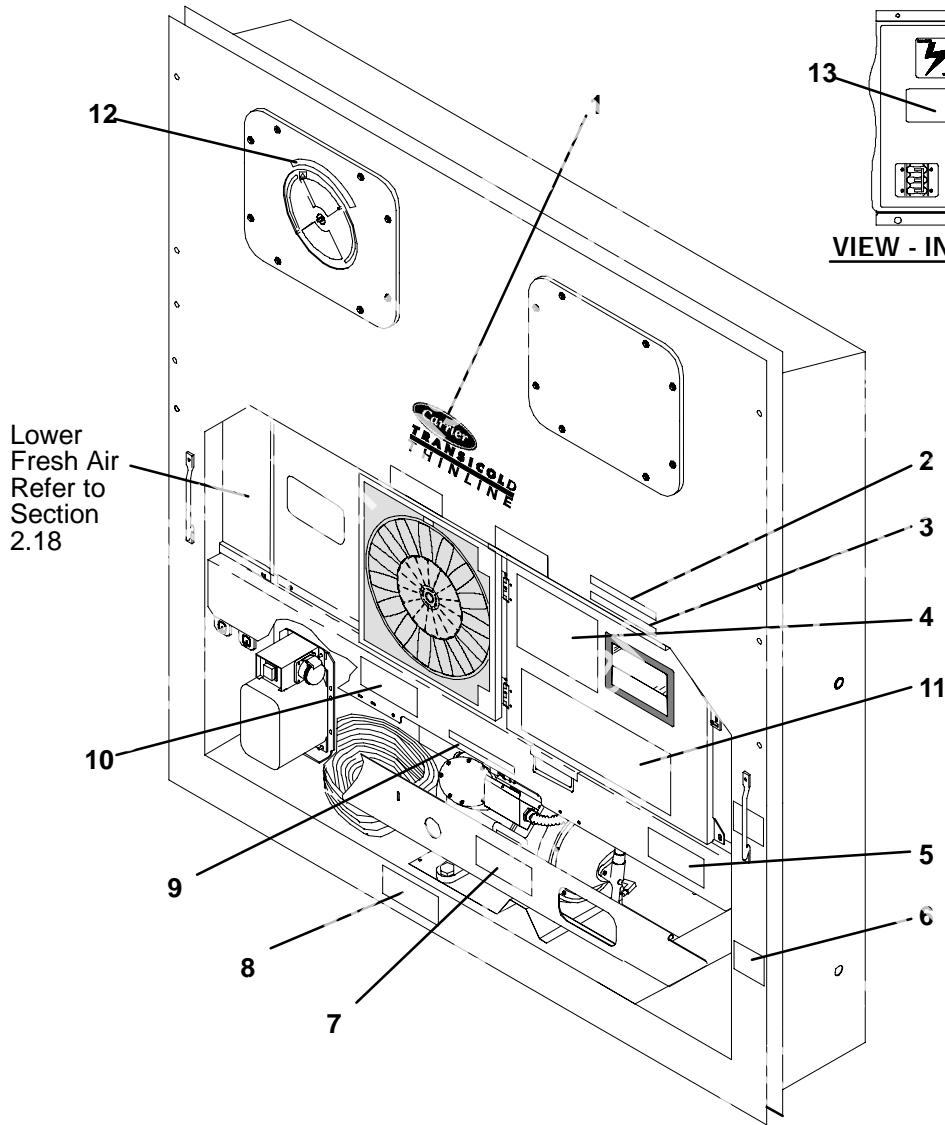


Item	Part Number	Description	
OPTION 1 - AUTOTRANSFORMER			
See Previous Page for Standard Parts Included in the Kit and use with Item			
-	76-00670-02	Transformer Kit, Field Installation, without CB2 - Includes:	
18	10-01139-04	Transformer, Dual Voltage Modular	
NS	22-01778-00	Terminal Block - Used only without CB2	1
19	69NT43-470-1	Box Assembly	1
20	69NT35-8382	Clamp, Tie Down Strap	1
21	58-04026-22	Protector, Mylar	1
OPTION 2 - AUTOTRANSFORMER WITH CB2 AND RECEPTACLE			
See Previous Page for Standard Parts Included in the Kit and use with Items Below			
-	76-00670-01	Transformer Kit, Field Installation, with CB2 - Includes:	1
18	10-01139-04	Transformer, Dual Voltage Modular	1
19	69NT43-470	Box Assembly - Used only with CB2	1
22	22-01679-00	Receptacle, 32 Amp	1
	22-01679-01	Receptacle, w/ Screw Cap - 32 Amp, Alternate, SOLD SEPARATELY	1
20	69NT35-8382	Clamp, Tie Down Strap	1
21	58-04026-22	Protector, Mylar	1
-	76-00667-05	Circuit Breaker Kit, Field Installation - Includes:	1
23	10-00083-05	Circuit Breaker, 70 amp - 250 vac, 50/60 hz	1
24	66U2-1531	Boot - Includes:	1
NS	NSS	Frame	1
NS	NSS	Screw, Self Sealing, #6-32 x 3/8 lg. - SST	6
OPTION 3 - AUTOTRANSFORMER WITH CB2 AND BRIDGING UNIT			
See Previous Page for Standard Parts Included in the Kit and use with Items Below			
-	76-00670-03	Transformer Kit, Field Installation, with CB2 and TBU - Includes:	1
18	10-01139-04	Transformer, Dual Voltage Modular	1
19	69NT43-470-2	Box Assembly	1
20	69NT35-8382	Clamp, Tie Down Strap	1
21	58-04026-22	Protector, Mylar	1
-	76-00667-05	Circuit Breaker Kit, Field Installation - Includes:	1
23	10-00083-05	Circuit Breaker, 70 amp - 250 vac, 50/60 hz	1
24	66U2-1531	Boot - Includes:	1
NS	NSS	Frame	1
NS	NSS	Screw, Self Sealing, #6-32 x 3/8 lg. - SST	6
25	12-00474-00	Bridge Unit, Transformer	1
26	42-00470-00	Gasket, Transformer Bridge Unit	1
27	34-06221-00	Screw, Hex Head, #10-24 x 2.50 lg. - SST	2
28	34-00667-09	Locknut, Hex Head, #10-24 - SST	2
29	66U1-5321-8	Washer, Flat #10 - SST	2
30	34-06053-05	Washer, Mylar 0.205 I.D. x 0.600 O.D.	2
31	22-02324-01	Bushing, 0.142 I.D. x 0.472 O.D.	3
OPTION 4 - AUTOTRANSFORMER WITH CB2 AND RECEPTACLE			
See Previous Page for Standard Parts Included in the Kit and use with Items Below			
-	76-00670-04	Transformer Kit, Field Installation, with CB2 - Includes: Everything in kit 76-00670-01 except replace Item #22 with below	1
22	22-01734-01	Receptacle, 32 Amp	1

2.33 LABELS AND DECALS (Not Applicable to All Units)



VIEW - INSIDE CONTROL BOX



Item	Part Number	Description	Qty
STANDARD LABELS			
1	62-10769-00	Decal, Carrier Thinline	1
2	69NT35-3867	Label, Economy Mode	1
3	69NT35-3907	Label, Humidity Control Sensor	1
4	62-02721-00	Label, Function Code - <i>English</i>	1
	62-02721-03	Label, Function Code, with Single Evaporator Fan Capability - <i>English</i>	1
5	62-10902-02	Label, USDA Cold Certified	1
	62-10902-03	Label, Micro-Link 3 with USDA Cold Certified	1
	62-10902-04	Label, Micro-Link 3 without USDA Cold Certified	1
6	62-02444-01	Label, Charge with R-134a	1
7	62-10259-00	Label, R-134a - Ozone Protection - <i>English</i>	1
	62-02530-01	Label, R-134a - Ozone Protection, Umbrella Only - <i>English</i>	1
8	62-02458-00	Label, POE Compressor Oil	1
9	69NT35-8218	Label, Equipped w/Crankcase Heater (CCH)	1
10	62-02785-00	Label, CE	1
NS	69NT35-6118	Label, USDA (Location - Back of Unit, top left side)	1

2.33 LABELS AND DECALS (Continued)

Item	Part Number	Description	Qty
OPTION 1 - ENGLISH			
11	62-02720-00	Label, Operating Instructions (Partlow w/ Return Air)	
11	62-02743-14	Label, Operating Instructions (Partlow w/ Supply Air)	
11	62-02743-16	Label, Operating Instructions (Electronic Partlow w/ Supply & F	
11	62-02743-12	Label, Operating Instructions (Saginomiya w/ Supply Air)	1
11	62-02743-13	Label, Operating Instructions (Saginomiya w/ Return Air)	1
11	62-02743-18	Label, Operating Instructions (No Recorder)	1
12	62-02723-00	Label, Fresh Air Makeup - <i>English</i>	1
12	62-02723-03	Label, Fresh Air Makeup (w/ Full CMH) - <i>English</i>	1
12	62-02723-10	Label, Fresh Air Makeup (w/ Full CMH + CFM) - <i>English</i>	1
13	62-10532-00	Label, Welding Precautions - <i>English</i>	1
OPTION 2 - ENGLISH/SPANISH			
11	62-02743-01	Label, Operating Instructions (Partlow w/ Return Air) - <i>English/Spanish</i>	1
11	62-02743-10	Label, Operating Instructions (No Recorder) - <i>English/Spanish</i>	1
12	62-02723-02	Label, Fresh Air Makeup - <i>English/Spanish</i>	1
12	62-02723-04	Label, Fresh Air Makeup (w/ Full CMH) - <i>English/Spanish</i>	1
13	62-10532-02	Label, Welding Precautions - <i>English/Spanish</i>	1
OPTION 3 - ENGLISH/FRENCH			
11	62-02743-00	Label, Operating Instructions (Partlow w/ return Air) - <i>English/French</i>	1
12	62-02723-01	Label, Fresh Air Makeup - <i>English/French</i>	1
13	62-10532-01	Label, Welding Precautions - <i>English/French</i>	1
OPTION 4 - ENGLISH/KOREAN			
11	62-02743-02	Label, Operating Instructions (Partlow w/ Return Air) - <i>English/Korean</i>	1
11	62-02743-08	Label, Operating Instructions (Saginomia w/ Return Air) - <i>English/Korean</i>	1
12	62-02723-03	Label, Fresh Air Makeup (w/ Full CMH) - <i>English</i>	1
13	62-10532-00	Label, Welding Precautions - <i>English</i>	1
OPTION 5 - ENGLISH/TRADITIONAL CHINESE			
11	62-02743-04	Label, Operating Instructions (Partlow w/ Return Air) - <i>English/Chinese</i>	1
11	62-02743-07	Label, Operating Instructions (Saginomia w/ Return Air) - <i>English/Chinese</i>	1
11	62-02743-19	Label, Operating Instructions (Electronic Partlow w/ Supply & Return Air) - <i>English/Chinese</i>	1
12	62-02723-06	Label, Fresh Air Makeup - <i>English/Chinese</i>	1
13	62-10532-04	Label, Welding Precautions - <i>English/Chinese</i>	1
OPTION 6 - ENGLISH/SIMPLIFIED CHINESE			
11	62-02743-15	Label, Operating Instructions (Electronic Partlow w/ Supply & Return Air) - <i>English/Simplified Chinese</i>	1
11	62-02743-04	Label, Operating Instructions (Partlow w/ Return Air) - <i>English/Simplified Chinese</i>	1
12	62-02723-05	Label, Fresh Air Makeup - <i>English/Simplified Chinese</i>	1
13	62-10532-03	Label, Welding Precautions - <i>English/Simplified Chinese</i>	1
OPTION 7 - ENGLISH/JAPANESE/CHINESE			
11	62-02743-09	Label, Operating Instructions (Saginomia w/ Supply and Return Air) - <i>English/Japanese/Chinese</i>	1
11	62-02743-17	Label, Operating Instructions (Electronic Partlow w/ Supply & Return Air) - <i>English/Japanese/Chinese</i>	1
12	62-02723-09	Label, Fresh Air Makeup - <i>English/Japanese/Chinese</i>	1
12	62-02723-11	Label, Fresh Air Makeup - (w/ Shaded CMH) <i>English/Japanese/Chinese</i>	1
13	62-10532-06	Label, Welding Precautions - <i>English/Japanese/Chinese</i>	1



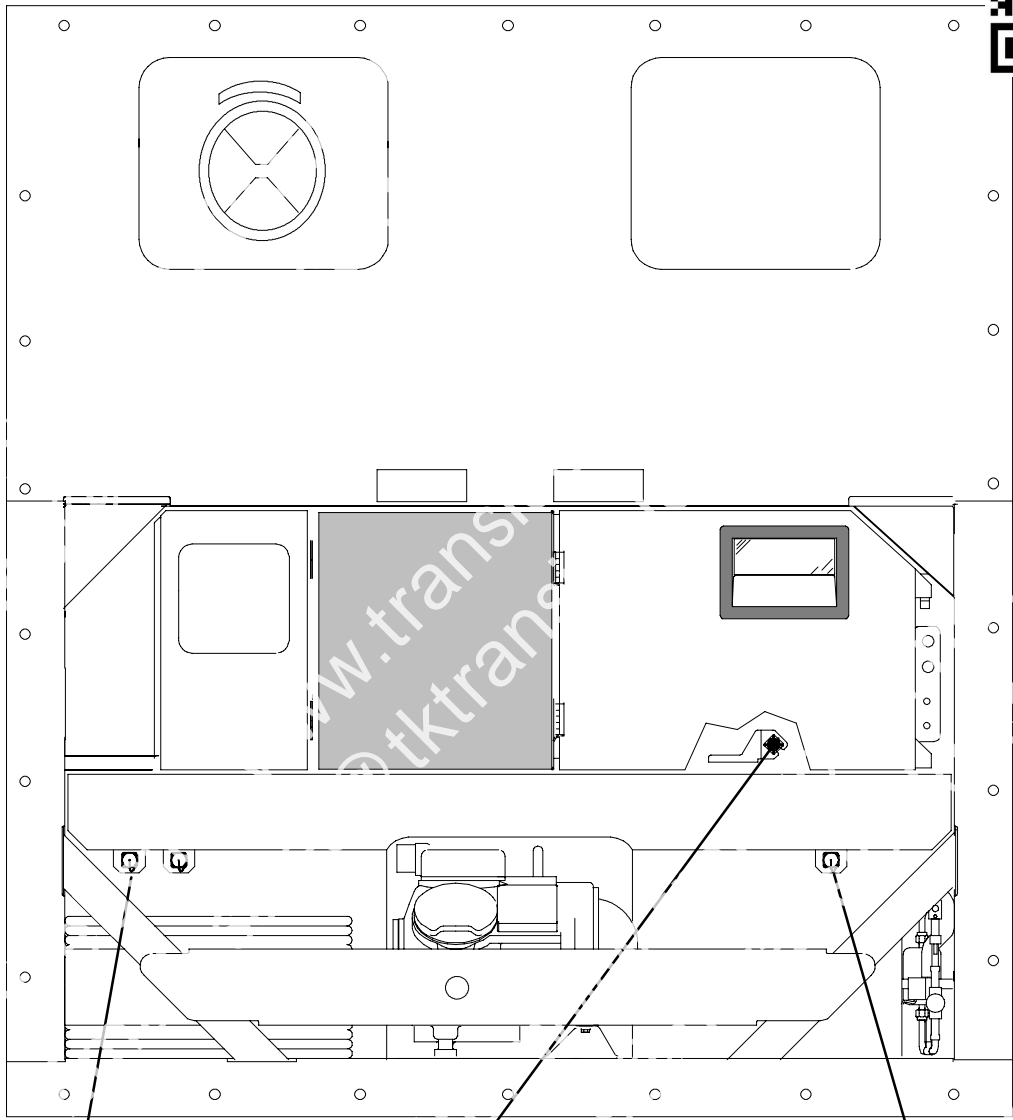
3.1 DataView/DataReader

Item	Part Number	Description	Qty
1	07-00406-00	Disk Kit, DataView (SEE NOTE) - Includes:	
2	12-00413-05SV	Software, DataView NSS	
3	12-00528-00	Software, DataView (Scroll) NSS	
4	22-01737-02	Cable, H. P. Palmtop	
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	1
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 3.2	-

NOTE

Kit includes a 3.5 DS/HD Diskette, Formatted. If a DS/DD Diskette is required, contact a Customer Service Representative.

3.2 INTERROGATOR RECEPTACLE



OPTION 1, OPTION 4 & OPTION 5

- | | | |
|----------|-----------|-----------|
| 1 | 9 | 13 |
| 2 | 10 | 14 |
| 3 | 11 | 15 |
| 4 | 12 | 16 |

OPTION 3

- | |
|----------|
| 5 |
| 6 |
| 7 |
| 8 |

OPTION 2 & OPTION 6

- | | |
|----------|-----------|
| 1 | 9 |
| 2 | 10 |
| 3 | 11 |
| 4 | 12 |

3.2 INTERROGATOR RECEPTACLE

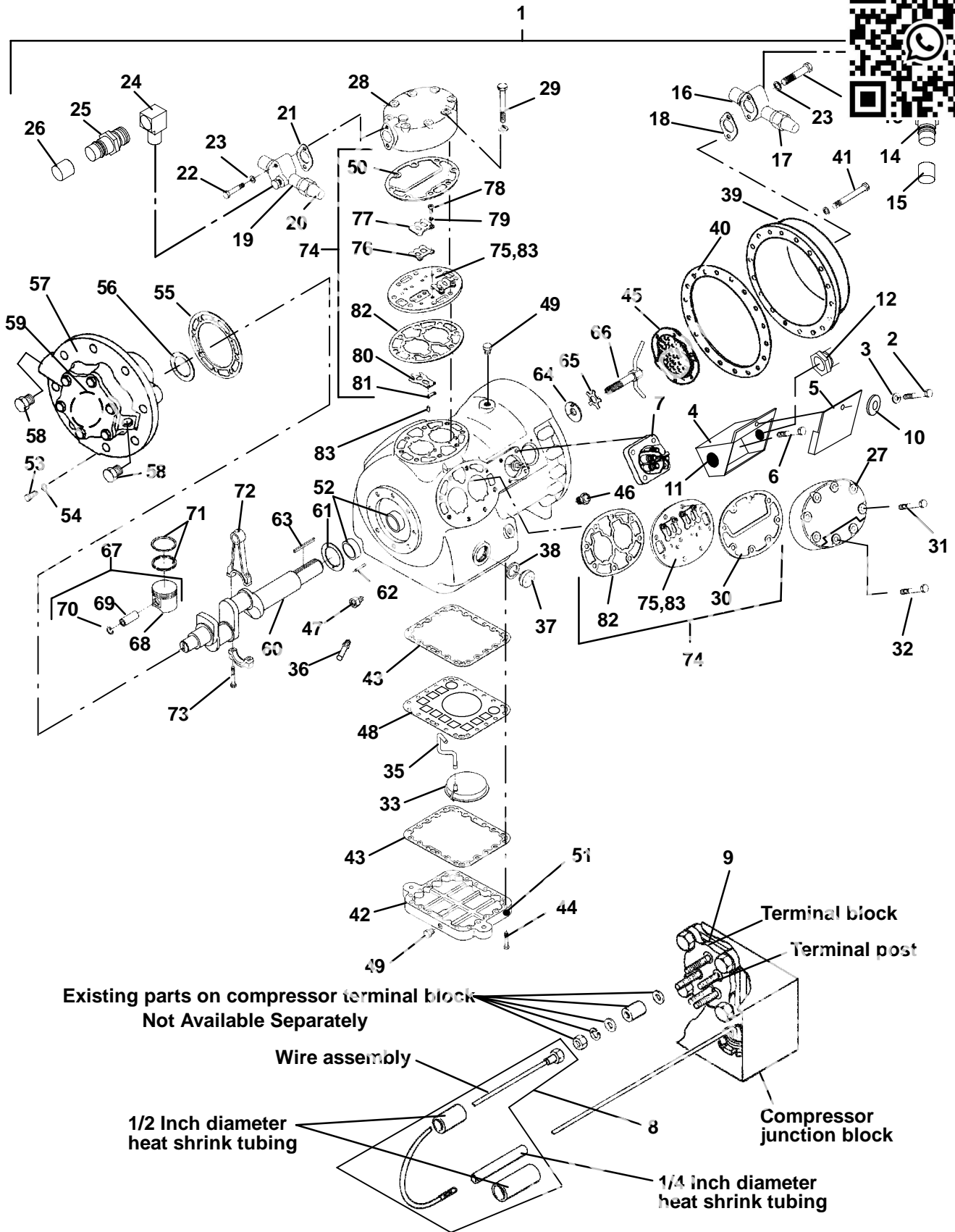


Item	Part Number	Description	
OPTION 1 - LEFT STRAIGHT MOUNT & OPTION 2 - RIGHT STRAIGHT MOUNT			
1	22-01660-03	Receptacle, Interrogator (ICR) (5 Pin)	
2	22-01613-14	Contact, Pin, #16	
3	69NT43-176	Cap, Dust, with Tether (5 Pin)	
4	69NT41-192	Bracket, Interrogator Connector	1
OPTION 3 - BOX MOUNT			
5	22-01660-03	Receptacle, Interrogator (ICR) (5 Pin)	1
6	22-01613-14	Contact, Pin, #16	5
7	68-12434-02	Bracket, Interrogator Connector	1
8	42-00174-33	Gasket, Interrogator Connector Bracket	1
OPTION 4 - LEFT STRAIGHT MOUNT AND OPTION 6 - RIGHT STRAIGHT MOUNT			
9	22-02412-00	Receptacle, Interrogator (ICR) (5 Pin)	1
10	22-02412-02	Contact, Pin, #16	5
11	22-02413-00	Cap, Dust, with Tether (5 Pin)	1
12	69NT40-222	Bracket, Interrogator Connector	1
OPTION 5 - LEFT ANGLED MOUNT			
13	22-01660-03	Receptacle, Interrogator (ICR) (5 Pin)	1
14	22-01613-14	Contact, Pin, #16	5
15	69NT43-176	Cap, Dust, with Tether (5 Pin)	1
16	68-12553-00	Bracket, Interrogator Connector	1

NOTE

Do not mix silver and gold pins and sockets.

4 COMPRESSOR ASSEMBLY



4.1 OPTION 1R - SERVICE REPLACEMENT COMPRESSOR			
Item	Part Number	Description	
1	18-00055-20SV	Compressor, 41 CFM, Single Speed , 460 vac/3 ph/60 hz	
NS	07-00292-00	SW20 Compressor Oil, Castrol Icematic (Quart)	
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.			
4.2 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
4	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
7	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
4.3 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
4.4 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



4.4 COMPRESSOR - MOTOR BODY GROUP (Continued)



Item	Part Number	Description	
34	17-40007-00	Gasket, Bolt, 1/2	
35	17-21062-00	Tube, Oil Suction	
36	17-44763-00	Orifice, Oil Relief	
37	17-21201-00SV	Sight Glass Package, Oil Level - Includes:	
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
40	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
43	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 2.28	1
52	17-40025-00	Bushing, Motor End	2
4.5 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
4.6 CRANKSHAFT, ROD AND PISTON GROUP			
60	17-40411-00	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
67	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
71	17-55025-00	Ring, Compression (+0.020)	12
72	17-40056-02	Connecting Rod and Cap Assembly (Standard) - Includes:	6
72	17-55023-00	Connecting Rod and Cap Assembly (+0.010) - Includes:	6

4.6 CRANKSHAFT, ROD AND PISTON GROUP - Continued

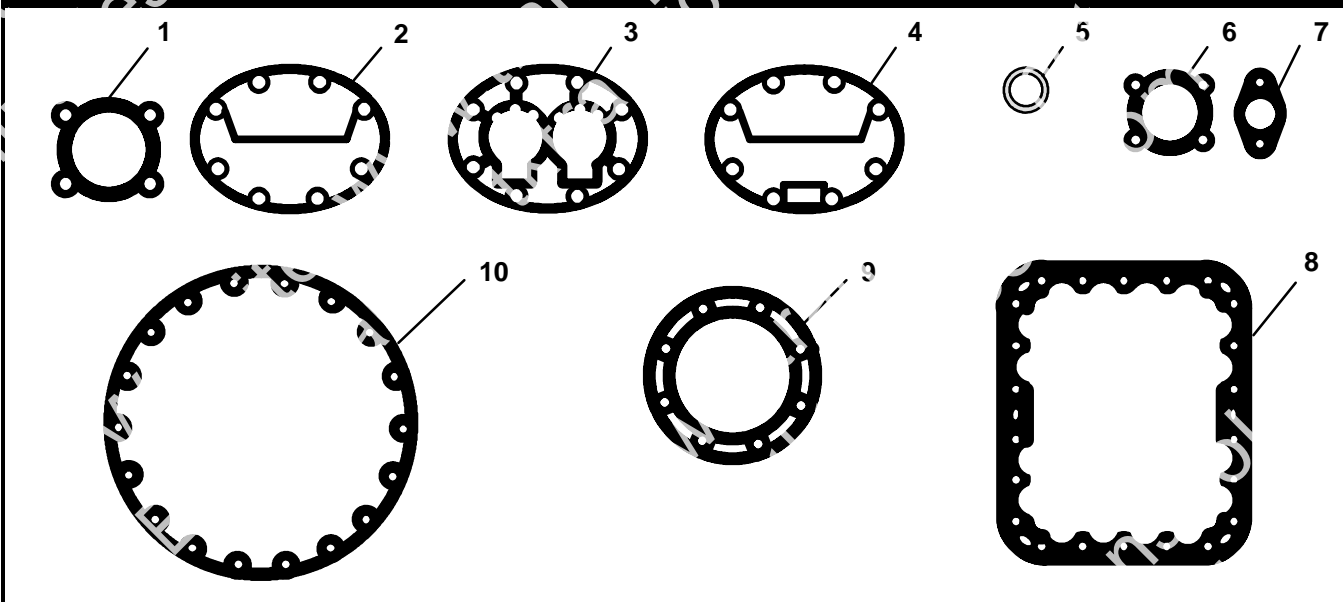
Item	Part Number	Description
NS	17-40057-00	Pin, Dowel
73	17-55008-00	Capscrew - Special (Epoxy Coated)



4.7 VALVE PLATE GROUP

74	17-44109-00	Package, Valve Plate Assembly (All Banks - Canted) - Includes:	
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
30	17-44124-00	Gasket, Cylinder Head (Side Bank) - Coated Steel	1
50	17-44123-00	Gasket, Cylinder Head (Center Bank) - Coated Steel	1
82	17-55002-00	Gasket, Valve Plate	1
83	17-40057-00	Pin, Dowel (Valve Plate)	12

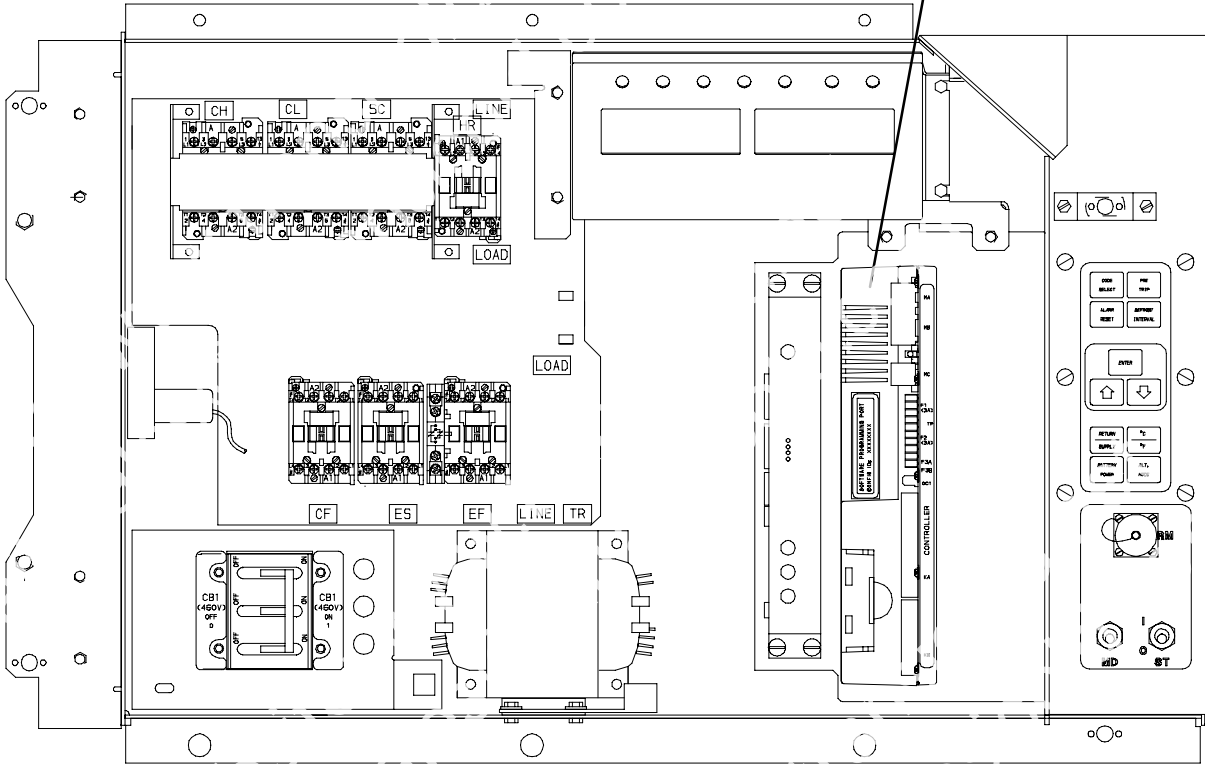
4.8 GASKET SET



Item	Part Number	Description	Qty
-	17-55020-21	Gasket Set - Includes:	1
1	17-40005-05	Gasket, Suction Service Valve (4 Bolt)	1
2	17-44124-00	Gasket, Cylinder Head - Side Bank (Standard)	2
3	17-55002-00	Gasket, Valve Plate	3
4	17-44123-00	Gasket, Cylinder Head - Center Bank	1
5	17-44021-00	Gasket, Sight Glass	2
6	17-40075-05	Gasket, Oil Pump Cover	2
7	17-10811-05	Gasket, Service Valve (2 Bolt)	2
8	17-40033-05	Gasket, Bottom Plate	2
9	17-44022-00	Gasket, Pump End Bearing Head	1
10	17-40029-05	Gasket, Motor End Cover	1




Controller/DataCORDER Module



Part Number	Description	Qty
12-55008	Controller - Un-Configured (See Note 1)	1
See Note 2	Controller - Configured (Container Unit Matrix)	1

NOTES

1. The last four digits of the Part Number is the operation software revision.
2. The Controller/DataCORDER module is shipped with the operational software already loaded, however, when ordering this part number the end user must load the configuration software at the time of installation.

6 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	Adapter, Male (Both Ends) (Use with Temperature Test)	
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)	
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	
07-00413-00	Torx Driver Bit	
Refer to Manual 62-03213		

PART NUMBER INDEX



PART NO.	PAGE NO.	PART NO.	PAGE NO.	PART NO.	PAGE NO.
02-00082-00	9	09-00128-01	47	12-01105-02	
02-00086-00	49	09-00369-00SV	15	12-01124-01	
04-50027-00	18, 33	10-00083-05	57	12-01124-02	
06DA403-844	25, 51	10-00318-00	35	12-01125-02	51
07-00013-00	69	10-00332-21SV	11	12-55008	68
07-00013-01	69	10-00333-00	13	14-00204-02	21
07-00013-02	69	10-00400-00	31	14-00206-00	65
07-00013-03	69	10-00400-01	31	14-00206-01	65
07-00015-00	69	10-00421-01	31	14-00212-03SV	23, 25
07-00228-00	69	10-00431-02	11, 49	14-00212-21	23, 25
07-00229-00	69	10-00431-06	10	14-00215-03	24
07-00238-00	69	10-00431-07	10	14-00215-06	23
07-00243-10	69	10-00439-02	11	14-00220-00	24
07-00263-00	69	10-00455-00	31	14-00220-04	23
07-00264-00	69	10-01129-07	13	14-00221-03	23
07-00277-00	69	10-01129-07SV	10	14-00222-01	23
07-00292-00	65	10-01129-10	10	14-00263-00	21
07-00294-00	69	10-01129-20	13	14-00263-20	21
07-00294-05	69	10-01139-04	57	14-00263-22	21
07-00295-00	69	10-0298-01	11	14-00263-23	21
07-00304-00	69	12-00275-19SV	17	14-00273-03	27
07-00313-00	1	12-00309-06	51	14-00341-02SV	1, 23, 25
07-00329-00	69	12-00342-02	37	14-01032-14	23
07-00330-00	69	12-00342-03	37	14-01092-03	25
07-00345-00	1	12-00342-04	37	17-10715-00	67
07-00370-00	69	12-00352-00	23, 25, 51	17-10811-05	65, 67
07-00375-00	69	12-00395-01SV	26	17-10812-00	65
07-00387-00	69	12-00413-05SV	61	17-20004-00	66
07-00390-00	9	12-00433-00RP	17	17-20005-00	66
07-00391-00	9, 69	12-00433-02RP	17	17-21002-01	25
07-00397-02	69	12-00464-05	47	17-21040-00	65
07-00397-03	69	12-00464-08	47	17-21062-00	66
07-00397-12	37	12-00474-00	57	17-21063-00	66
07-00398-00	69	12-00495-02SV	23, 25, 34	17-21075-00	66
07-00406-00	61	12-00500-01SV	34	17-21076-00	66
07-00408-00	69	12-00528-00	61	17-21077-00	66
07-00418-00	69	12-00573-00SV	17	17-21201-00SV	66
07-00437-00	69	12-00594-xx/5315	15	17-40005-05	67
07-00450-00	69	12-01071-01SV	24	17-40007-00	66
09-00128-00	47	12-01104-05	21	17-40013-00	65

PART NUMBER INDEX

PART NO.	PAGE NO.	PART NO.	PAGE NO.	PART NO.	PAGE NO.
17-40016-01	65	17-55002-00	67	22-01621-03	15
17-40018-05	65	17-55008-00	67	22-01621-23	15
17-40019-00	66	17-55009-01	66	22-01622-00	37
17-40020-00	65	17-55020-21	67	22-01622-01	37, 63
17-40029-05	66, 67	17-55023-00	66	22-01622-02	37
17-40032-00	66	17-55025-00	66	22-01660-00	37
17-40033-05	66, 67	18-00055-20SV	65	22-01660-03	37
17-40034-05	65, 66	22-00041-00	1	22-01660-04	37
17-40037-05	65, 66	22-00041-02	1	22-01660-08	37
17-40042-00	66	22-00066-01	1	22-01679-00	57
17-40048-00	66	22-00066-02	1	22-01679-01	57
17-40050-00	66	22-00066-03	1	22-01713-02	17
17-40052-00	66	22-00119-04	1	22-01713-06	15
17-40053-00	66	22-00120-04	1	22-01731-00	54
17-40055-00	66	22-00120-07	1	22-01731-01	54
17-40056-02	66	22-00121-07	1	22-01734-01	57
17-40057-00	67	22-00518-01	13	22-01737-00	61
17-40075-05	65, 67	22-00595-01	1	22-01737-01	61
17-40082-00	67	22-01106-00	1	22-01737-02	61
17-40083-00	67	22-01107-00	1	22-01743-00	61
17-40086-00	67	22-01139-04	1	22-01744-00	55
17-40093-05	65	22-01140-01	1	22-01777-00SV	15
17-40093-06	65	22-01140-02	1	22-01777-01SV	15
17-40411-00	66	22-01140-04	1	22-01777-03	15
17-44021-00	66, 67	22-01141-01	1	22-01777-04	15
17-44022-00	66, 67	22-01292-00	49	22-01778-00	57
17-44037-00	66	22-01455-02	13	22-01835-00	21
17-44109-00	67	22-01551-00	54, 55	22-01883-00	55
17-44113-00	67	22-01556-00	17	22-01884-00	55
17-44115-01	66	22-01556-01	15	22-01889-00	11, 13
17-44115-20	66	22-01556-02	15	22-01891-00	55
17-44123-00	66, 67	22-01566-00	21	22-01892-00	33
17-44124-00	65, 67	22-01566-01	21	22-01892-01	33
17-44128-00	65	22-01613-14	33, 37, 63	22-01906-00	55
17-44129-00	66	22-01613-15	33, 37	22-01931-00	55
17-44136-00	66	22-01613-34	33	22-01932-00	55
17-44137-00	66	22-01614-02	33	22-02188-00	55
17-44139-00	66	22-01614-03	33	22-02232-00	55
17-44160-00	67	22-01614-05	33	22-02302-03	65
17-44763-00	66	22-01621-02	17	22-02322-00	55



PART NUMBER INDEX

PART NO.	PAGE NO.	PART NO.	PAGE NO.	PART NO.	PAGE NO.
22-02324-01	54, 57	24-02019-00	49	34-00928-09	
22-02324-02	55	30-00407-02SV	15		
22-02324-05	54	34-00373-05	1, 23	34-01110-00	
22-02336-02	1, 13, 15	34-00373-07	1, 23, 25	34-01142-01	9, 10
22-02336-22	1, 15	34-00373-11	1, 21	34-01150-03	43, 45
22-02341-00	11	34-00373-51	1, 27	34-01150-04	41
22-02341-01	11	34-00373-53	1	34-01150-06	43, 45
22-02368-00	11	34-00373-54	23, 25	34-01150-30	41, 43, 45
22-02375-00	55	34-00373-56	54	34-01150-31	41, 43, 45
22-02378-00	54	34-00373-59	1, 27, 54	34-01167-01	7, 53
22-02392-00SV	51	34-00373-65	1	34-01178-22	34
22-02392-03	21	34-00373-69	1	34-01178-23	34
22-02393-00	21	34-00373-71	1	34-01181-01	18
22-02393-01	21	34-00373-88	1	34-06053-00	7, 18, 21, 23, 25, 30, 47, 49, 56
22-02394-02	21	34-00616-06	33	34-06053-01	49
22-02394-03	21	34-006212-12	28, 29	34-06053-02	18, 23, 25, 49
22-02396-02	17	34-00655-08	49	34-06053-03	18, 19, 23, 25, 47, 53, 54, 56
22-02396-03	17	34-00655-28	33	34-06053-04	31
22-02398-02	37	34-00662-05	53	34-06053-05	7, 11, 21, 23, 25, 47, 51, 53, 56, 57, 65
22-02398-03	37	34-00662-11	49	34-06053-07	49
22-02401-00	61	34-00663-07	11	34-06053-08	53
22-02412-00	37, 63	34-00663-09	7	34-06053-13	28, 29, 47
22-02412-02	63	34-00663-11	19, 33, 35	34-06053-18	30
22-02413-00	37, 63	34-00665-09	7	34-06053-19	29
22-02418-02	61	34-00666-09	31	34-06092-00	30, 31
22-02420-00	61	34-00667-05	11, 53	34-06107-00	7
22-02448-00SV	23	34-00667-09	53, 57	34-06126-08	53
22-04043-00	49	34-00667-11	49, 54, 56	34-06139-03	9
22-04044-00	49	34-00667-12	18	34-06154-00	28, 29
22-04044-01	49	34-00667-14	49	34-06165-09	33
22-4031-00	15	34-00795-09	7, 47	34-06169-00	7, 19, 47
22-4031-01	15	34-00795-17	33	34-06179-00	19, 47
22-4031-02	15	34-00848-10	11	34-06179-04	47
22-50007 Series	1	34-00849-22	49	34-06183-00	30, 31
22-50088-00	33	34-00928-01	9, 10	34-06185-01	29
22-50088-02	18	34-00928-02	9, 39, 41, 43, 45		
22-50100-00	15	34-00928-03	39, 41, 43, 45		
22-50127-00	37	34-00928-04	41		
22-50157-00	15				
24-00006-02	34				



PART NUMBER INDEX

PART NO.	PAGE NO.	PART NO.	PAGE NO.	PART NO.	PAGE NO.
34-06215-01	31	42-00407-00	29	58-04026-41	
34-06221-00	57	42-00457-00	31	58-04066-00	
34-06223-00	13, 17	42-00465-00	30	58-04101-00	
34-06224-01	10	42-00470-00	57	58-04101-01	7
34-06227-00	11	42-00499-00	31	58-04101-07	19, 47
34-06231-01	9	42-00611-00	7	58-04145-00	11
34-06231-03	9	42-01098-01	47	58-04145-01	11
34-06231-04	9	42-50000-00	24	58-04145-06	11
34-06231-05	9	44-00300-01	7	58-04246-00	47
34-06231-06	9	44-00300-02	7	58-04251-00	29
34-06231-07	9	44-00300-03	7	58-04263-01	31
34-06243-00	10, 49	44-00340-03	53	58-04276-00	26
34-06262-00	31	44-00340-05	53	58-04277-00SV	26
34-06280-00	31	44-00343-00	9	58-04278-00	26
34-06287-00	31	44-00370-03	27, 34, 49	58-04279-00	26
34-50015-00	9	44-00370-08	34	58-04290-00	33
38-00503-00	18	44-00370-10	34	58-04346-00	7
38-00557-00	33	44-00374-00	19, 47	58-04366-00SV	7
40-00060-02	51	44-01043-05	1	58-04389-00	7
40-00086-04	25	44-01043-07	1	58-04407-00	31
40-00123-02	51	48-00262-00	33	58-04480-00	19
40-00501-50	23	48-00377-00	31	58-04481-00	19
40-00520-00	65	54-00585-20	33	58-04664-00	27
40-00520-01	23, 25, 65	54-00586-20	18	58-04668-00	9
40-00520-02	21, 65	56-07323-00	34	58-50014-00	25
40-00520-03	23, 25	56-08343-00	34	62-02444-01	58
40-00523-00	65	56-08347-00	27, 34	62-02458-00	58
40-00523-01	65	58-00065-67	47	62-02530-01	58
40-00542-00	21	58-00065-70	47	62-02719-00	15
40-00555-06	25	58-00616-00	34	62-02720-00	59
40-01129-00	24	58-00956-00	24	62-02721-00	58
42-00174-38	63	58-00957-00	24	62-02721-03	58
42-00233-01	30	58-01184-00	15, 17	62-02723-00	59
42-00270-02	7	58-04001-01	53	62-02723-01	59
42-00295-00	31	58-04001-02	53	62-02723-02	59
42-00295-01	31	58-04026-07	54, 56	62-02723-03	59
42-00296-01	28, 29	58-04026-17	56	62-02723-04	59
42-00327-00	28, 29	58-04026-22	53, 57	62-02723-05	59
42-00334-00	39, 41, 43, 45	58-04026-23	23	62-02723-06	59



Pi
7
19, 47

PART NUMBER INDEX



PART NO.	PAGE NO.	PART NO.	PAGE NO.	PART NO.	PAGE NO.
62-02723-09	59	62-10769-00	58	66U1-5331-3	
62-02723-10	59	62-10902-02	58	66U1-5361	
62-02723-11	59	62-10902-03	58	66U1-5361-1	
62-02735-00	15	62-10902-04	58	66U1-5361-25	18, 19, 23, 25, 30, 34, 47, 49, 53, 56
62-02738-04	15	62-10930-00	27		
62-02738-08	15	62-10934-00	31	66U1-5361-46	65
62-02743-00	59	65-00144-00	35	66U1-5361-7	23, 25, 49
62-02743-01	59	65-00144-01	35	66U1-5362-2	29
62-02743-02	59	65-00185-03	23	66U1-5371-10	11, 35
62-02743-04	59	66CH1-1002-33	31	66U1-5371-13	35
62-02743-07	59	66CH1-1172-16	19	66U1-5371-6	23, 25, 34, 49, 51
62-02743-08	59	66CH1-1172-46	11	66U1-5371-7	7, 11, 15, 17, 26, 31, 56, 65
62-02743-09	59	66U1-2403	9, 11, 39, 41, 53	66U1-5381	11
62-02743-10	59	66U1-2403-1	7	66U1-5381-1	21, 27, 34, 54
62-02743-12	59	66U1-2552-185	28, 29	66U1-5391-3	13
62-02743-13	59	66U1-2583	54	66U1-5562-7	65
62-02743-14	59	66U1-2583-1	55	66U1-6651-15	11
62-02743-15	59	66U1-2603	53, 56	66U1-6651-19	51
62-02743-16	59	66U1-2763-5	24	66U1-6651-4	11
62-02743-17	59	66U1-2763-6	24	66U1-6782	55
62-02743-18	59	66U1-2803-10	41	66U1-6782-3	55
62-02743-19	59	66U1-3442-2	17	66U1-6811-12	19
62-02783-00	29	66U1-3632-24	21	66U1-6811-15	7
62-02785-00	58	66U1-3803	1, 23, 49	66U1-6811-8	7, 19, 47
62-02822-01	39	66U1-3803-1	1, 34	66U1-6835	11
62-02874-01	13	66U1-3823	11	66U1-6912-16	34
62-03957-02	9	66U1-3882	47, 49	66U1-7342-13	11
62-10259-00	58	66U1-3882-3	27	66U1-7982-2	39
62-10360-00	31	66U1-5321-13	29	66U1-8075	39, 41, 43, 45
62-10381-00	31	66U1-5321-2	49	66U1-8552-2	25
62-10530-15	49	66U1-5321-3	30, 33, 35	66U1-8662	5
62-10532-00	59	66U1-5321-5	23, 25, 49	66U1-8912	19
62-10532-01	59	66U1-5321-6	11	66U1-9212-1	17
62-10532-02	59	66U1-5321-7	18, 23, 25, 26, 31, 47, 49, 53, 54, 56	66U1-9752	10, 11, 13
62-10532-03	59			66U1-9782	54, 55
62-10532-04	59				
62-10532-06	59	66U1-5321-8	7, 11, 21, 31, 35, 49, 51, 53, 56, 57, 65		
62-10537-00	31				
62-10540-00	31				
62-10540-04	31				
62-10557-00	5				

PART NUMBER INDEX

PART NO.	PAGE NO.	PART NO.	PAGE NO.	PART NO.	PAGE NO.
66U1-9782-1	55	68-14955-00	31	69NT35-6412-2	
66U2-1132-1	23	68-15015-00	27	69NT35-6598	
66U2-1142	24	68-86030-00	23	69NT35-6598-1	
66U2-1152	24	69NP20-1031	25	69NT35-7012	31
66U2-1531	57	69NT-35-8284	49	69NT35-7662-3	41
68-12368-00	25	69NT-43-468	1	69NT35-8032	53
68-12417-00	4	69NT-46-468-1	1	69NT35-8113	4
68-12432-00	49	69NT20-2083	65	69NT35-8218	58
68-12432-01	49	69NT20-513-1SV	65	69NT35-8348	31
68-12432-02	49	69NT20-513SV	65	69NT35-8382	53, 57
68-12432-03	49	69NT35-1287-1	31	69NT35-8548	4
68-12434-02	63	69NT35-1417	31	69NT35-8693-10	19
68-12496-00	11	69NT35-2257	39	69NT35-8693-7	19
68-12523-00	49	69NT35-2287	9	69NT35-8734-12	33
68-12544-01	13	69NT35-2692	15, 39, 41	69NT35-8734-14	33
68-12553-00	63	69NT35-2692-1	19, 30, 33, 34, 47	69NT35-8734-16	33
68-12658-01	47	69NT35-2692-4	17	69NT35-8734-4	33
68-12993-00	49	69NT35-3282	43, 45	69NT35-8734-5	33
68-13181-00	35	69NT35-3286	41	69NT35-8734-6	33
68-13310-00	53	69NT35-3296	41	69NT35-9228	31
68-13310-01	53	69NT35-3547	18	69NT35-9233	31
68-13454-02SV	19	69NT35-3547	18	69NT40-222	11, 13, 63
68-13454-03SV	19	69NT35-3867	58	69NT40-507-1	37
68-13472-01	51	69NT35-3907	58	69NT40-657-2	4
68-13472-03SV	51	69NT35-3987	4	69NT40-976-3	30
68-13475-00	39, 43	69NT35-3997-1	4	69NT41-106-2	51
68-13475-01	39, 41, 43	69NT35-4027-1	34	69NT41-192	63
68-13475-04	41	69NT35-4047	30	69NT41-477	25
68-13475-08	39, 43	69NT35-5022-5	47	69NT41-487	25
68-13475-09	39, 43	69NT35-5022-6	7	69NT41-497	25
68-13577-00	7	69NT35-5352-1	47	69NT41-543	51
68-13600-00	35	69NT35-5992	53, 56	69NT41-553	51
68-14796-00	11	69NT35-6112	18	69NT41-702	21
68-14796-02	11	69NT35-6118	58	69NT41-724-4	53
68-14796-03	11	69NT35-6132	48	69NT41-782	31
68-14796-05	11, 13	69NT35-6272	9	69NT41-852-1	30
68-14796-06	11	69NT35-6278	11	69NT41-942-3	39, 41
68-14890-00	27	69NT35-6348	33	69NT41-942-4	43
68-14891-00	10	69NT35-6412	54, 56	69NT41-942-5	45
68-14892-00	27	69NT35-6412-1	54, 56	69NT41-982-3	11



PART NUMBER INDEX



PART NO.	PAGE NO.	PART NO.	PAGE NO.	PART NO.	PAGE NO.
69NT41-992	37	76-00670-02	57	79-01706-05S	
69NT42-688-7	7	76-00670-03	57	79-01757-00	
69NT42-914	24	76-00670-04	57	79-01902-00	
69NT42-914-1	24	76-00675-01	35	79-01902-01	29
69NT43-124-4SV	9	76-00677-00	25	79-01925-00	31
69NT43-125-1	9	76-00681-01	33	79-01934-00	31
69NT43-175	37	76-00701-05	47	81-01482-00	21
69NT43-176	37, 63	76-00701-06SV	47	81-01575-00SV	19
69NT43-283	33	76-00701-10	47	81-01925-01	35
69NT43-284	33	76-00701-11	47		
69NT43-285	33	76-00704-01	19		
69NT43-295	33	76-00724-00SV	9	A	
69NT43-307	30	76-00748-00	35	AA06JA170	56
69NT43-374	56	76-00760-00	37	AD61JA124	65
69NT43-420	23, 25	76-50058-00	61	AU11JR171	56
69NT43-464	39, 41, 43, 45	76-50059-00	61	AU11JR241	23, 25, 49
69NT43-469	49	76-50075-00	19		
69NT43-470	57	76-50084-00SV	9	C	
69NT43-470-1	57	76-50116-00	31	CA21JA051	51
69NT43-470-2	57	76-50116-01	31		
69NT43-471	41	76-50116-02	31	D	
76-00355-00	65	76-50116-03	31	DE40BA203	23, 25
76-00384-00	65	76-50116-04	31		
76-00397-00	1	76-50136-00	31	E	
76-00667-05	57	77-01018-05	49	EC39DM062	23
76-00670-01	57	79-01694-00	29		
		79-01697-06SV	28		



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Container Refrigeration



PARTS LIST MANUAL

For

PrimeLINE

69NT40-561-200 to 299

69NT40-561-500 to 599

PrimeLINE ONE™

69NT40-565-200 to 299

69NT40-565-500 to 599

Container Refrigeration Units





PARTS LIST MANUAL

For

PrimeLINE

69NT40-561-200 to 299

69NT40-561-500 to 599

PrimeLINE ONE

69NT40-565-200 to 299

69NT40-565-500 to 599

Container Refrigeration Units



TABLE OF CONTENTS



PARAGRAPH NUMBER		GE
1.1	INTRODUCTION	3
1.2	REFRIGERANT	3
1.3	CONFIGURATION IDENTIFICATION	3
1.4	FEATURE DESCRIPTIONS	3
1.5	OPTION DESCRIPTIONS	4
1.6	ORDERING INSTRUCTIONS	6
1.7	LETTER DESIGNATIONS	6
2	AIR EXCHANGE KIT, LOWER, NONE, HANDLE	8
3	UPPER FRESH AIR - VPS PANEL	10
4	UPPER FRESH AIR - BLANK PANEL	12
5	BACK PANEL ASSEMBLY	14
6	BOX PREP KIT	16
7	BULKHEAD PENETRATION - UPPER AIR EXCHANGE	18
8	CABLE ASSEMBLY	20
9	CABLE KIT	22
10	CABLE RESTRAINT COMPONENTS	24
11	COMPRESSOR ASSEMBLY	26
12	COMPRESSOR TUBING	28
13	CONDENSER	30
14	CONDENSER FOR PRIMELINE ONE	36
15	CONDENSER FAN AND MOTOR	40
16	WATER COOLED CONDENSER OPTION - TUBE-IN-SHELL	42
17	WATER COOLED CONDENSER OPTION - BRAZED PLATE	43
17	WATER COOLED CONDENSER OPTION - BRAZED PLATE	44
18	CONTROLLER KIT	46
19	CONTROLLER MODULE SECTION AND SOFTWARE CARDS	50
20	CONTROLLER DOOR KIT, LATCH	52
21	CONTROLLER DOOR KIT, SCREW	56
22	DRAIN	58
23	AUTOTRANSFORMER	60
24	HEATERS	64
25	EVAPORATOR FAN AND MOTOR	66
26	EVAPORATOR TUBING AND COIL	68
27	FRAME KIT	70
28	HUMIDISTAT KIT	73
29	INTERROGATOR RECEPTACLE	74
30	LABELS AND DECALS	75
31	PANEL KIT	76
32	REMOTE MONITORING UNIT (RMU) KIT	77
33	USDA	78
34	VACUUM RELIEF VALVE	79
35	WIRING KIT	80
36	HIGH VOLTAGE HARNESS	84
37	LOW VOLTAGE HARNESS	86
38	INTERROGATOR ACCESSORIES - DATALINE / DATAREADER	88
39	TOOLS	90



SECTION 1

INTRODUCTION



1.1 INTRODUCTION

The Carrier Transicold PrimeLINE models 69NT40-561-200 to 299 and 69NT40-561-500 to 599 are units of lightweight aluminum frame construction, designed to be bolted on to the front of a container and serve as the container's front wall. Forklift pockets are provided for unit installation and removal.

The Carrier Transicold PrimeLINE ONE™ models 69NT40-565-200 to 299 and 69NT40-565-500 to 599 are units of lightweight aluminum frame construction, designed to be directly installed on-site onto a welded front wall of a container.

PrimeLINE units are 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 and compressor lubricating oil, and are ready for operation upon installation.

The base unit operates on nominal 380/460 volt, 3-phase, 50/60 hertz (Hz) power. An optional autotransformer may be fitted to allow operation on nominal 190/230, 3-phase, 50/60 Hz power. Control system power 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.

1.2 REFRIGERANT

PrimeLINE models 69NT40-561-200 to 299 and PrimeLINE ONE™ models 69NT40-565-200 to 299 are units designed to only be charged with R-134a refrigerant.

PrimeLINE models 69NT40-561-500 to 599 and PrimeLINE ONE™ models 69NT40-565-500 to 599 are R-513A-ready units. They are supplied with a complete charge of R-134a refrigerant. But, they are capable of being field converted to R-513A refrigerant at a later date as requested by the unit owner. R-513A is an azeotrope blend containing R-1234yf and R-134a. All information in this manual pertaining to R-513A is only applicable to 561-500 to 599 or 565-500 to 599 model units that have either been converted or are being converted to R-513A.

1.3 CONFIGURATION IDENTIFICATION

Unit identification information is provided on a plate located 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 number provides information on specific optional equipment, factory provisioned to allow for field installation of optional equipment and differences in detailed parts.

1.4 FEATURE DESCRIPTIONS

1.4.1 Control Box

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

1.4.2 Temperature Readout

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

1.4.3 Pressure Readout

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

1.4.4 Compressor

The unit is fitted with either an R-134a or an R-513A scroll compressor equipped with suction and discharge service connections. To identify an R-513A-ready compressor in the field, a green dot is located on the top of the compressor on the DUV fitting.

1.4.5 Condenser Coil

The unit is fitted with a “C” shape condenser coil.

1.4.6 Evaporator

The evaporator section is equipped with an electronic expansion valve (EEV).

1.4.7 Evaporator Fan Operation

Units are equipped with three-phase evaporator fan motors. Opening of an evaporator fan internal protector will shut down the unit.

1.4.8 Plate Set

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



1.5 OPTION DESCRIPTIONS

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

1.5.1 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.

1.5.2 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.

1.5.3 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.

1.5.4 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).

1.5.5 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.

1.5.6 Quest - CCPC

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.

1.5.7 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.

1.5.8 Autotransformer

An autotransformer may be provided to allow operation on 190/230, 3-phase, 50/60 Hz 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.

1.5.9 Gutters

Rain gutters may be fitted over the control box and recorder section to divert rain away from



1.5.10 Handles

The unit may be equipped with handles to facilitate access to stacked containers. These fixtures are mounted on either side of the unit.

1.5.11 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.

1.5.12 Water Cooling

The refrigeration system may be provisioned for a water-cooled condenser. The condenser is constructed using copper nickel tube for sea water applications.

1.5.13 Back Panels

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

1.5.14 460 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.

1.5.15 230 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 each customer's requirements.

1.5.16 Cable Restraint

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

1.5.17 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.

1.5.18 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.

1.5.19 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.

1.5.20 Controller

Two replacement controllers are available:

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

NOTE

Repaired controllers are NOT to be used for warranty repairs; only full OEM Re-manufactured 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.

1.5.21 Condenser Grille

Condenser grilles are direct bolted.

1.5.22 Emergency Bypass

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



1.5.23 eAutoFresh

The optional eAutoFresh™ venting system moderates the atmospheric level inside the container unit to cargo respiration.

1.5.24 XtendFRESH

XtendFRESH™ is an OEM option that helps slow the ripening process by removing ethylene and simultaneously controlling CO₂ and O₂ levels in multiple combinations.

1.5.25 TripWise

TripWise™ is a new premium option available for PrimeLINE units. TripWise is software logic that runs in the background during every voyage and will let you know whenever a standard pre-trip inspection (PTI) is needed.

1.5.26 FuelWise

FuelWise™ is a power-saving option available for PrimeLINE units. FuelWise software works by dynamically cycling the refrigeration system on and off to save energy while still maintaining temperature within +/- 0.25 degrees Celsius of setpoint on an hourly average.

1.5.27 Quest

Quest (Quality and Energy Efficiency in Storage and Transport) power-saving mode available for PrimeLINE units. Quest reduces energy requirements by up to 50 percent while reducing emissions related to power consumption.

1.6 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.

For orders, go to: www.transcentral.carrier.com

For inquiries, email: carrieraftermarketparts@carrier.utc.com

1.7 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.

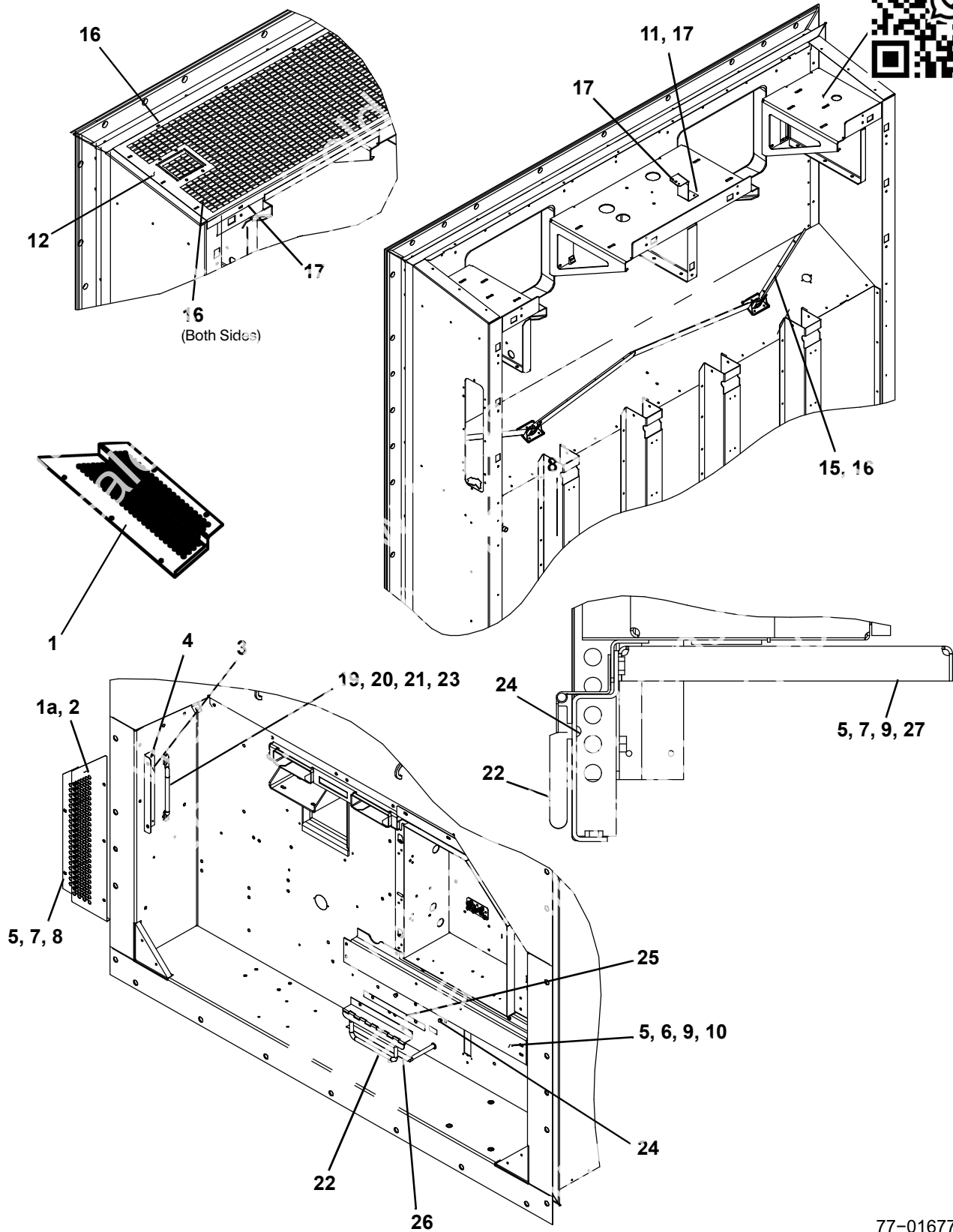
PL = Purchase Locally

SST = Stainless Steel - 300 Series unless otherwise specified.

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



2 Air Exchange Kit, Lower, None, Handle



77-01677

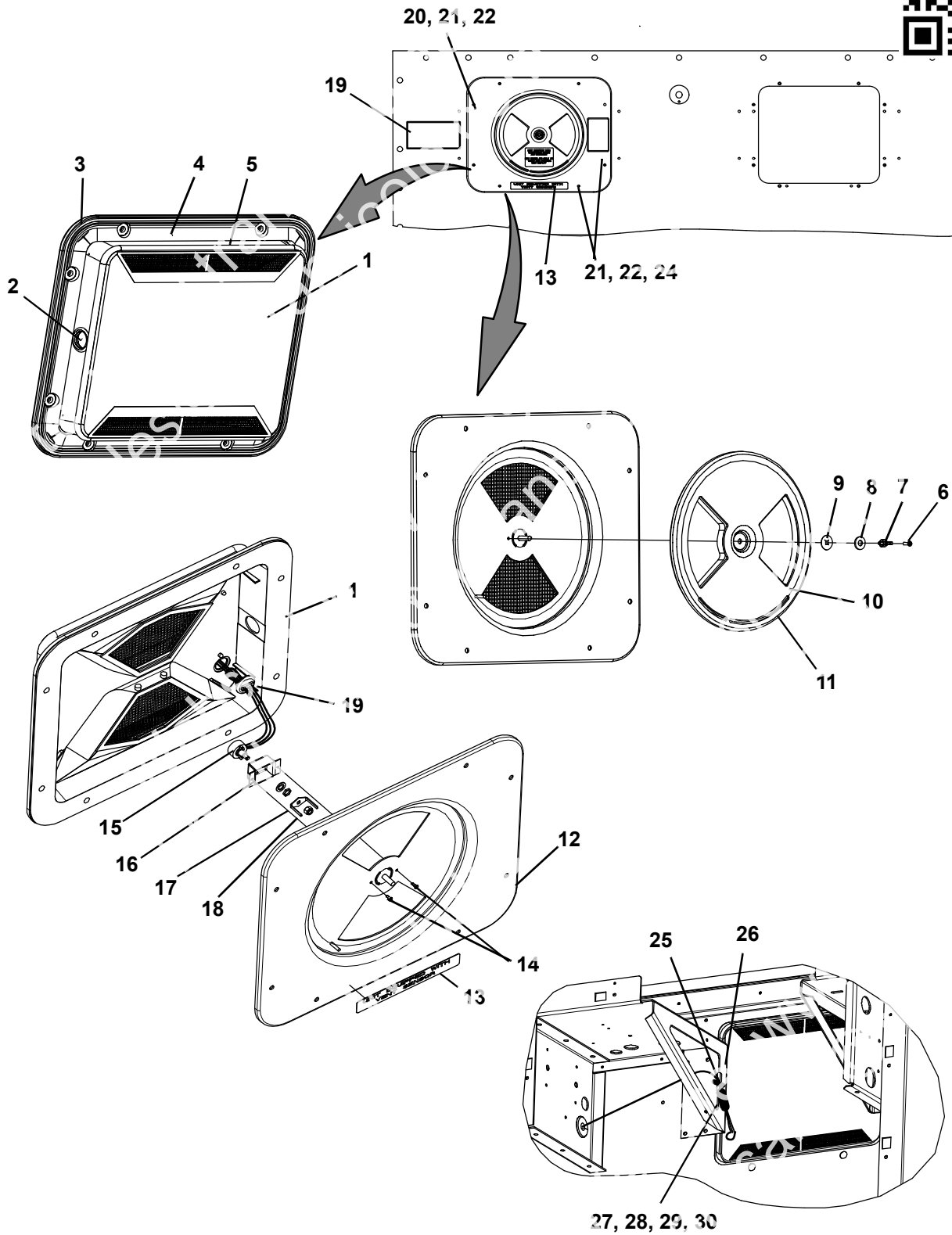
2 Air Exchange Kit, Lower, None, Handle



Item	Part Number	Description	Qty
1	68-17044-00	Panel Blue with handles	
	68-17044-01	Panel White with handles	
1a	68-17037-00	Panel Blue	
	68-17037-01	Panel White	1
2	42-00065-01	Gasket (Same for both panels)	1
3	68-17118-00	Bracket	1
4	34-00928-20	Rivet, Blind	2
5	66-U--1--5361-25	Screw, Cap Hex Head 1/4-20 X 0.75	11
6	68-17129-02	Cover	1
7	34-06053-18	Washer, Retaining .250 ID X 1.000 OD	6
8	66-U--1--5321-3	Washer, Plain 1/4 N Type A	5
9	66-U--1--5321-7	Washer, Plain 1/4 W Type A	4
10	34-06053-00	Washer .250 ID X .800 OD	4
11	68-16521-00	Bracket	1
12	68-16695-00	Grille	1
13	68-17344-00	Panel	1
14	68-16697-00	Fan Deck	1
15	68-17188-00	Gutter	1
16	34-00928-07	Rivet, Blind	16
17	34-00928-09	Rivet, Blind	8
18	68-17200-00	Channel	1
19	69NT--35--8113	Handle	1
20	34-00792-07	Screw, Cap Hex Head 5/16-18 X 0.88	2
21	66-U--1--5331	Washer, Lock 5/16 Spring	2
22	69NT--40--657-4	Handle Assembly	1
23	34-06053-15	Washer	2
24	58-04480-00	Bumper, Rubber	2
25	58-04910-06	Protector	1
26	58-04910-07	Protector	1
27	86-05078-00	Bracket	1

77-01677-02

3 Upper Fresh Air - VPS Panel



77-01658

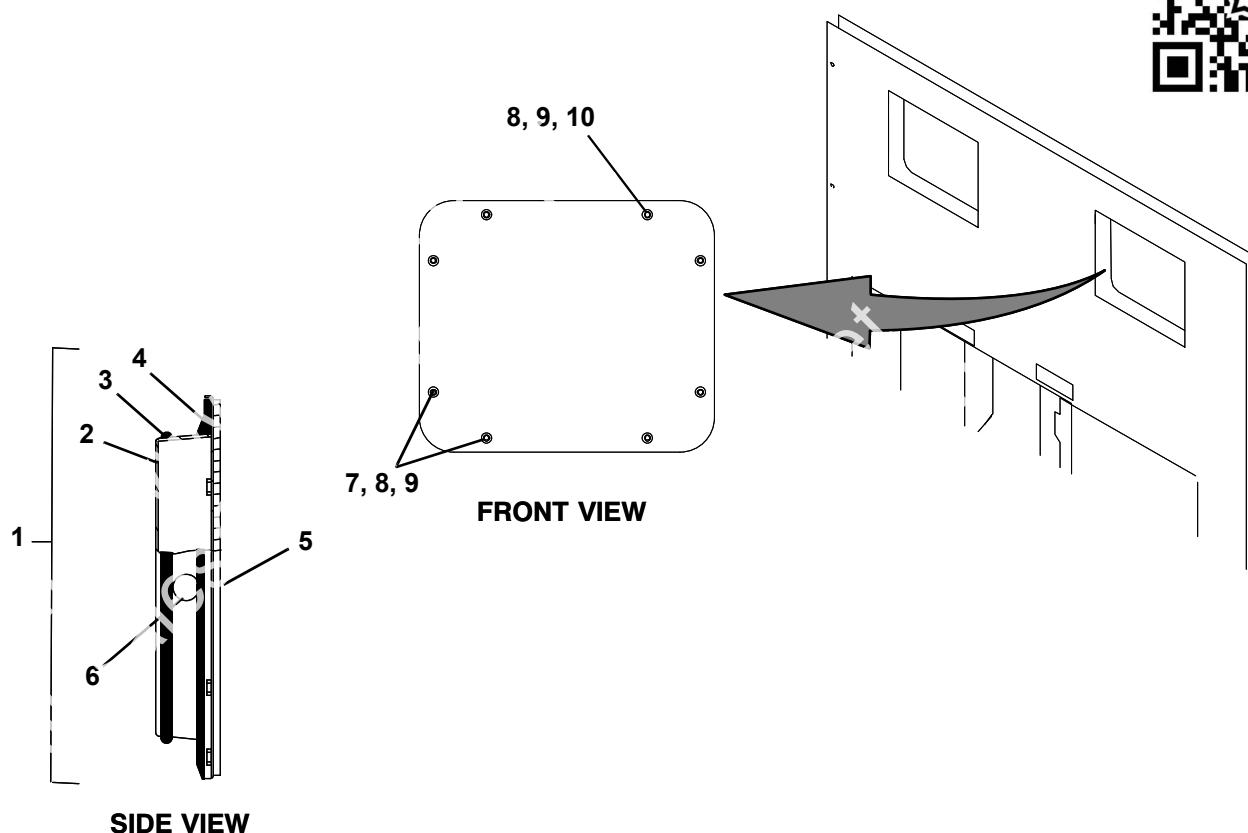
3 Upper Fresh Air - VPS Panel



Item	Part Number	Description	
1	79-66626-00	Upper Air Panel Assembly, Access, White - Includes:	
2	66-U---1--5562-2	Plug Button, 1.25 Inch Diameter Hole	
3	68-12940-05	Cover, Top, Evaporator Access Panel, White	
4	42-00296-01	Gasket, Evaporator Access Panel	1
5	42-00327-00	Gasket, 0.26 X 0.50 Half-Round	1
6	34-06185-01	Screw, Pan Head, #8-32 X 0.50 with Nylock	1
7	66-U---1--5362-2	Nut, Wing, 5/16-18, SST	1
8	66-U---1--5321-13	Washer, Plain 5/16 W Type A, SST	1
9	34-06053-19	Washer, Mylar 1.00 OD X 0.312 ID	1
10	42-00407-00	Gasket, 0.50 Fresh Air Disc	1
11	68-12933-07	Disc, 12.35 Inch Diameter, White	1
12	53-04376-05	Panel	1
13	62-10930-00	Label VPS	1
	76-66615-00	Upper VPS Sensor Replacement Includes:	1
14	34-00928-20	Rivet	2
	79-66703-00	Sensor Kit Includes:	2
15	12-00603-02	Sensor Rotary Position	2
16	68-14815-00	Bracket, Sensor .063 Thick Aluminum	2
17	68-14903-00	Plate	1
18	34-66622-05	Nut, Self Lock	2
NS	58-66646-00	Plate	2
19	22-66681-00	Wire Harness Resettable Fuse Assembly	2
20	62-66723-00	Label Fresh Air	1
21	34-06053-13	Washer, Mylar, 1/4 ID X 0.80 OD	8
22	34-06212-12	Washer, Flat, 1/4, SST	8
23	34-00655-08	Screw, Hex Head, 1/4-20 X 1.00 Inch Long	6
24	34-06154-00	Screw, Hex Head, 1/4-20 X 1.00 Inch Long - TIR	2
25	66CH---1--1172-2	Trim, Flexible 2.00 Inches Long	1
26	58-00969-00	Wire Tie 2.80 Inch Diameter, Double Loop	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 Inch Diameter X 0.58	1

77-01658-33

4 Upper Fresh Air - Blank Panel



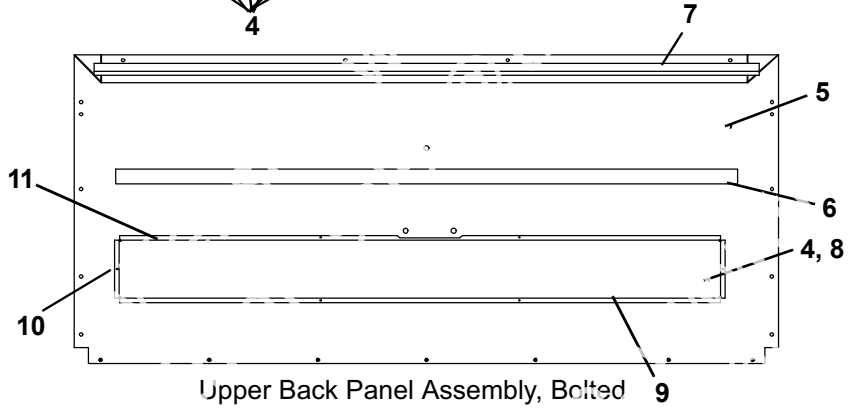
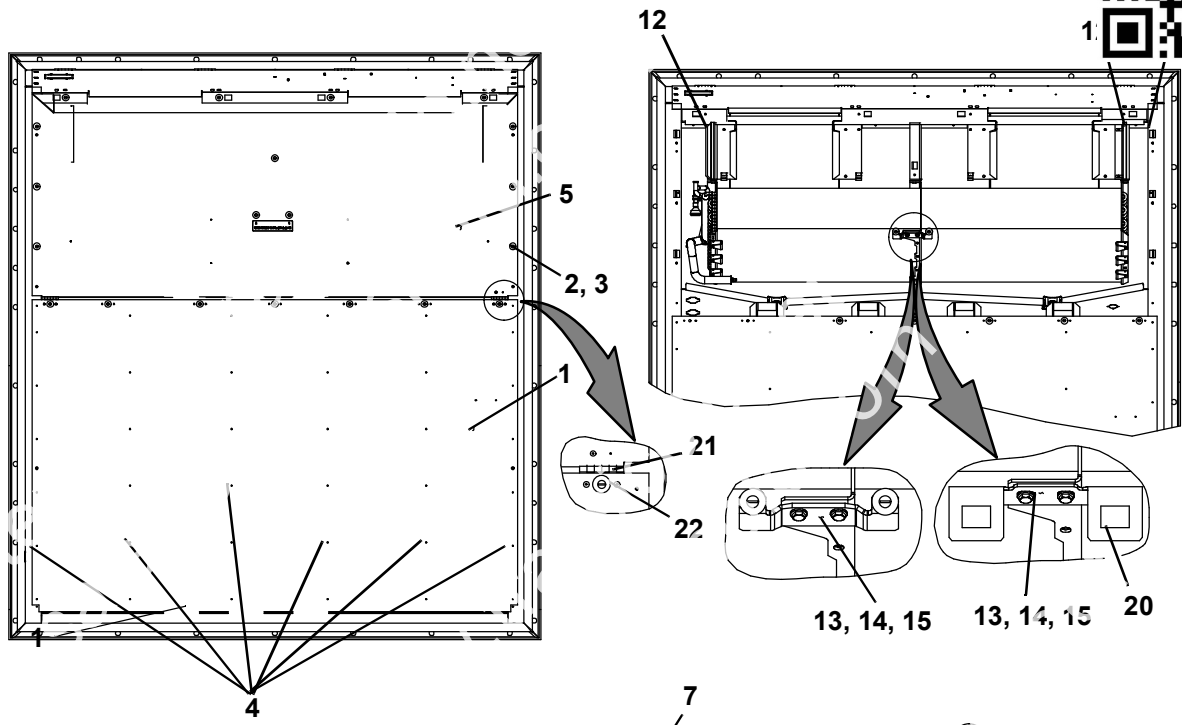
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Item	Part Number	Description	Qty
1	79-01697-06SV	Panel Assembly, Access, Evaporator, White - Includes:	A/R
2	58-04378-01	Panel, Access	1
3	42-00327-00	Gasket, 0.26 X 0.50 Half-Round	1
4	42-00296-01	Gasket, Evaporator Access Panel	1
5	68-11989-00	Cover, Top, Evaporator Access Panel, White	A/R
6	66-U---1--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

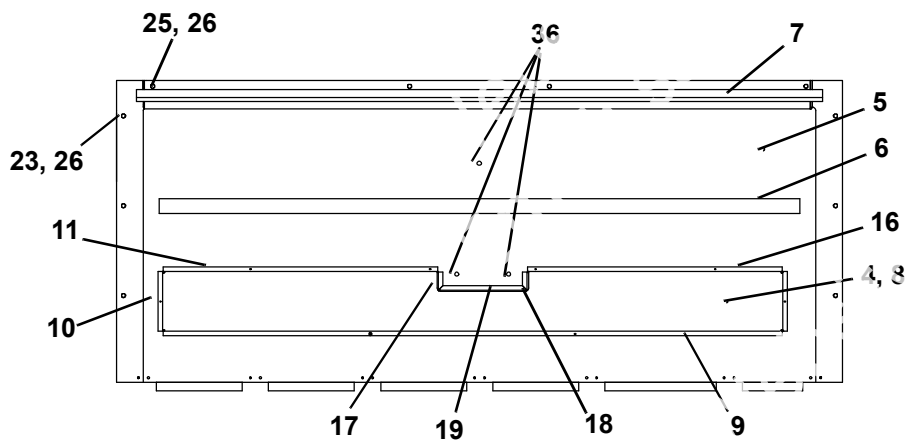
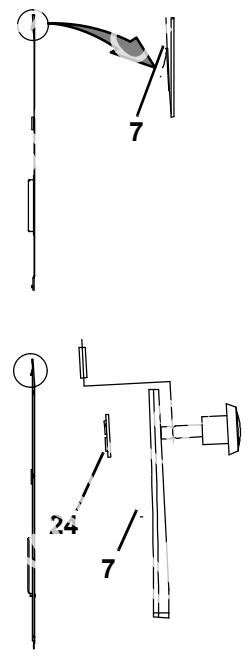
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5 Back Panel Assembly



Upper Back Panel Assembly, Bolted



Upper Back Panel Assembly, Hinged

77-01710

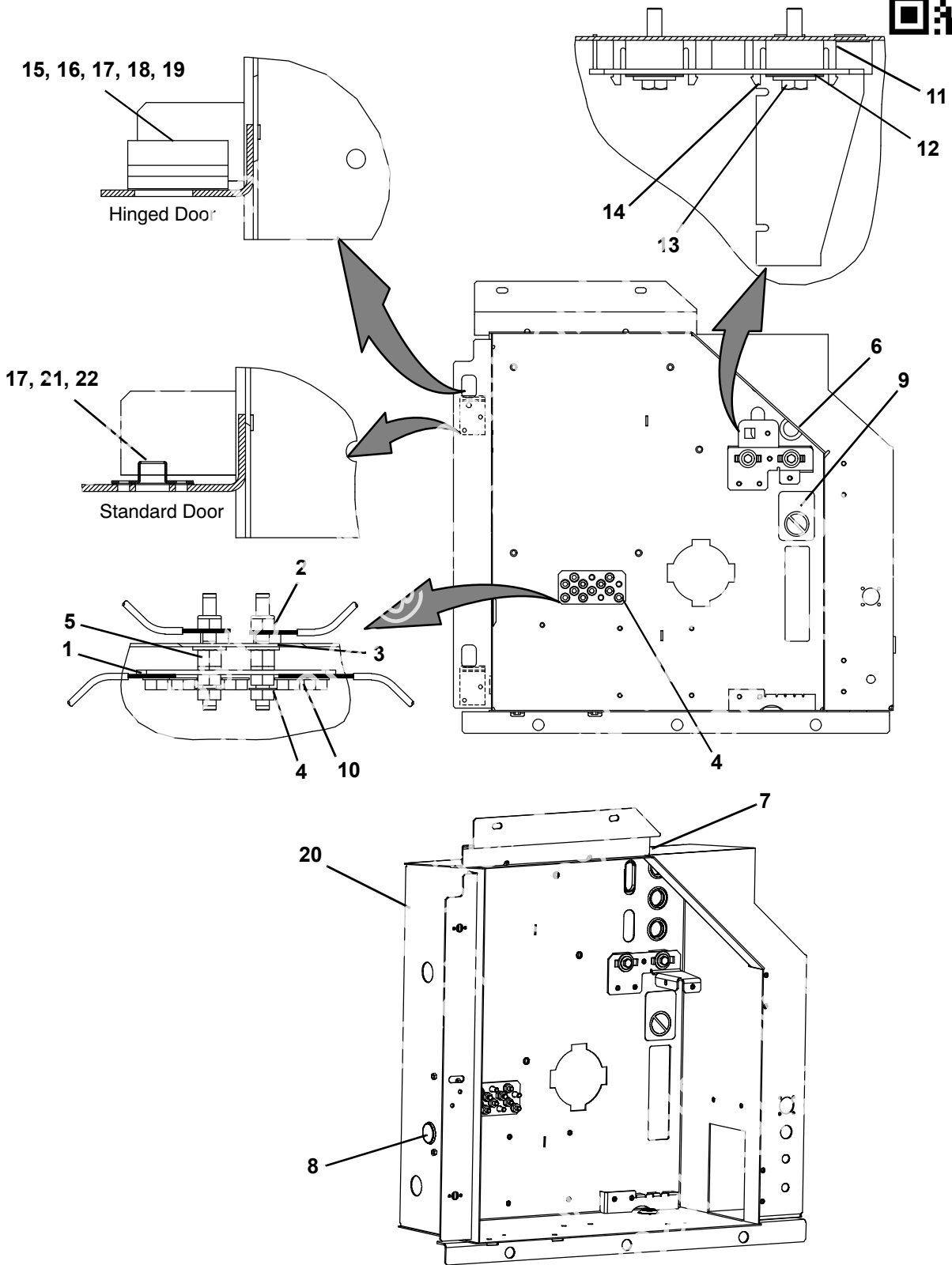
5 Back Panel Assembly



Item	Part Number	Description	
BACK PANEL BOLTED, ALUMINUM			
1	68-17361-00	Panel, Back	
2	69NT--35--2692	Washer, Fender #10	
3	66-U---1--2403	Screw, Machine Trhd #10-24 X 0.500	
	79-04045-00	Upper Back Panel Assembly Includes:	
4	34-00928-20	Rivet, Blind	6
5	68-17293-00	Panel Assembly, Back	1
6	42-00174-34	Gasket	1
7	42-00334-00	Gasket	1
8	68-17337-00	Shield, Heat	1
9	42-00174-110	Gasket	1
10	42-00174-111	Gasket	2
11	42-00174-116	Gasket	1
12	66-U---1--2593-4	Gasket	2
13	34-00655-04	Screw, Cap Hex Head 1/4-20 X 0.50	2
14	66-U---1--5321-3	Washer, Plain 1/4 N Type A	2
15	68-17175-00	Bracket	1
BACK PANEL HINGED, STAINLESS STEEL			
	79-04045-01	Panel Assembly, Back Stainless Steel Includes:	1
1	68-17361-01	Panel, Back 16 Ga (.063) Stainless Steel	1
4	34-00928-20	Rivet, Blind .125 Diameter .126-.250	46
6	42-00174-34	Gasket	1
7	42-00334-00	Gasket	1
8	86-05077-00	Heat Shield	1
9	42-00174-110	Gasket	1
10	42-00174-111	Gasket	2
11	42-00174-117	Gasket	1
16	42-00174-118	Gasket	1
17	42-00174-119	Gasket	1
18	42-00174-120	Gasket	1
19	42-00174-121	Gasket	1
20	34-01150-31	Receptacle 1/4 Turn Fastener	13
21	69NT--35--3282	Hinge	7
22	34-00928-09	Rivet, Blind .156 Diameter .126-.250	28
12	66-U---1--2593-4	Gasket	2
23	34-01150-03	Stud, Captive .94 1/4 Turn Fastener	6
24	34-01150-30	Washer, Lock 1/4 Turn Fastener	13
25	34-01150-06	Stud, Captive	7
13	34-00655-04	Screw, Cap Hex Head 1/4-20 X 0.50	2
14	66-U---1--5321-3	Washer, Plain 1/4 N Type A	2
15	68-17484-00	Bracket Stainless Steel	1
26	66-U---1--5321-5	Washer, Plain 3/8 N Type A	10
OPTIONS PID NT2712			
1	68-18027-01	Panel, Lower Back	1
5	68-17964-06	Panel, Upper Back	1

77-01710-00, 01

6 Box Prep Kit



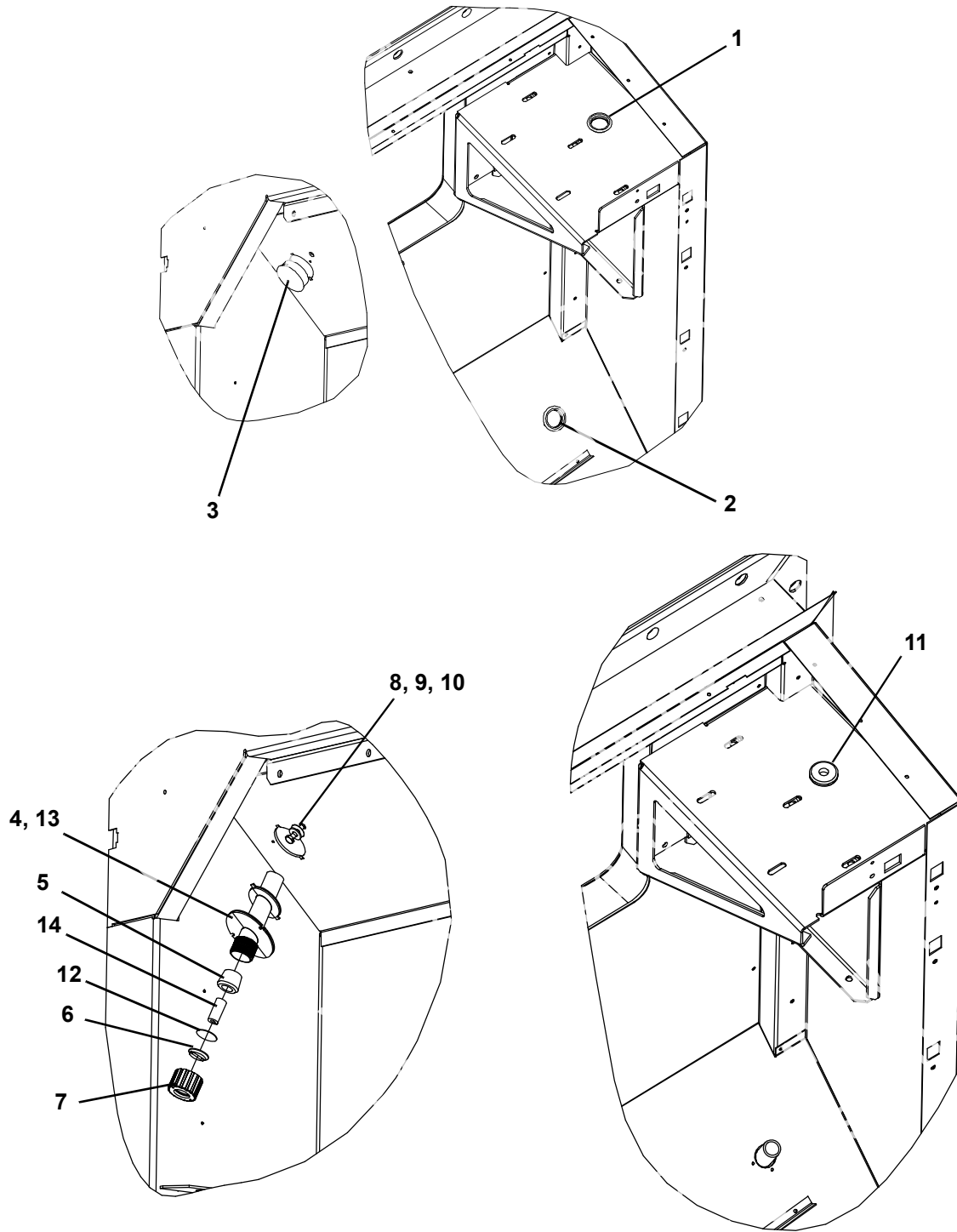
77-01693

6 Box Prep Kit



Item	Part Number	Description	
BOX PREP KIT, COMMON PARTS			
1	68-86230-00	Strap Assembly Ground, All Populated	
2	34-00667-11	Nut, Self Lock	
3	66-U---1--5321-3	Washer, Plain 1/4 N Type A	2
4	AT39JA171	Nut, Hex	13
5	66-U---1--9592-13	Standoff 1/4-20 X 0.375	2
6	58-00701-03	Plug, Button	3
7	58-04680-00	Plug, Button	1
8	66-U---1--5562-7	Plug, Button	1
9	62-10911-00	Label, Warning MI3 Only !	1
10	AU27JR171	Washer, Lock 1/4	11
11	53-00967-00	Spacer Locking	2
12	66-U---1--5321-7	Washer, Plain 1/4 W Type A	2
13	34-00655-10	Screw, Cap Hex Head 1/4-20 X 1.25	2
14	34-06053-03	Washer .250 ID X 1.000 OD	4
15	68-04910-08	Protector	1
16	34-00667-09	Self Lock Nut	1
BOX PREP KIT, HINGED PARTS			
17	68-17316-00	Keeper	2
18	66-U---1--5371-7	Screw, Machine Hex Head #10-24 X .500	1
19	66-U---1--5321-8	Washer, Plain #10 Type A	1
20	86-05003-00	Control Box	1
BOX PREP KIT, STANDARD PARTS			
17	34-01142-01	Receptacle	2
20	86-05003-00	Control Box	1
21	58-04026-32	Protector	2
22	34-00928-01	Rivet, Blind	2
77-01693-00, 01			

7 Bulkhead Penetration - Upper Air Exchange



77-01208

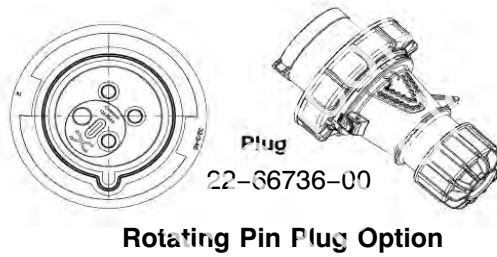
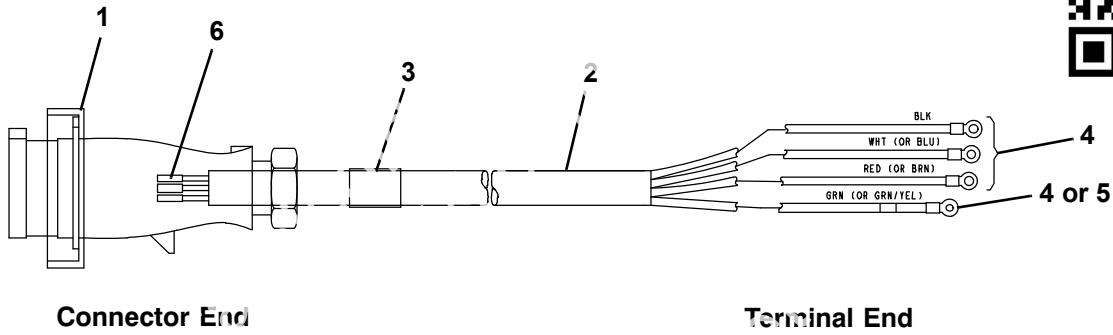
7 Bulkhead Penetration - Upper Air Exchange



Item	Part Number	Description	
NO RECORDER, NO TRANSFRESH			
1	66-U---1--5562-12	Plug, Button 1.25 Diameter Hole	
2	66-U---1--5562-2	Plug, Button 1.25 Diameter Hole	
3	58-00616-00	Plug, Hole 2.00 Diameter X .12	1
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 .250 ID X .800 OD	1
10	66-U---1--5321-7	Washer, Plain 1/4 W Type A	1
11	66-U---1--5562-12	Plug, Button	1
12	69NT--35--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 .250 ID X .800 OD	1
10	66-U---1--5321-7	Washer, Plain 1/4 W Type A	1
11	66-U---1--1571-14	Grommet	1
13	34-00928-20	Rivet, Blind	5
14	58-04302-01	Grommet	1

77-01208-00, 03, 04

8 Cable Assembly



Rotating Pin Plug Option

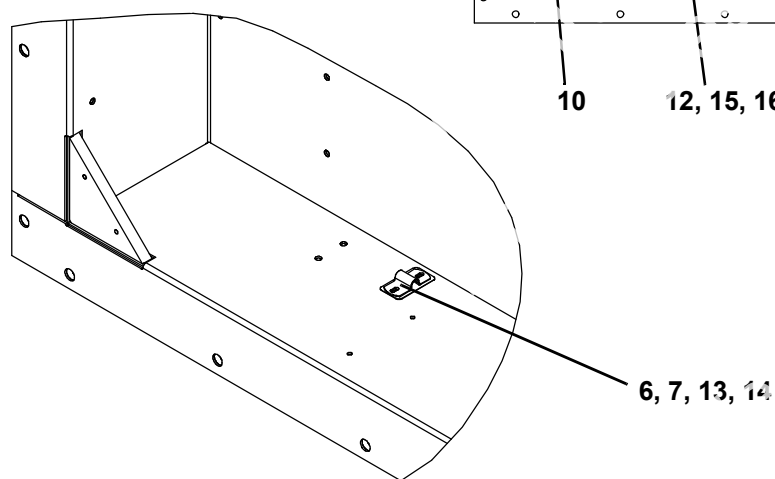
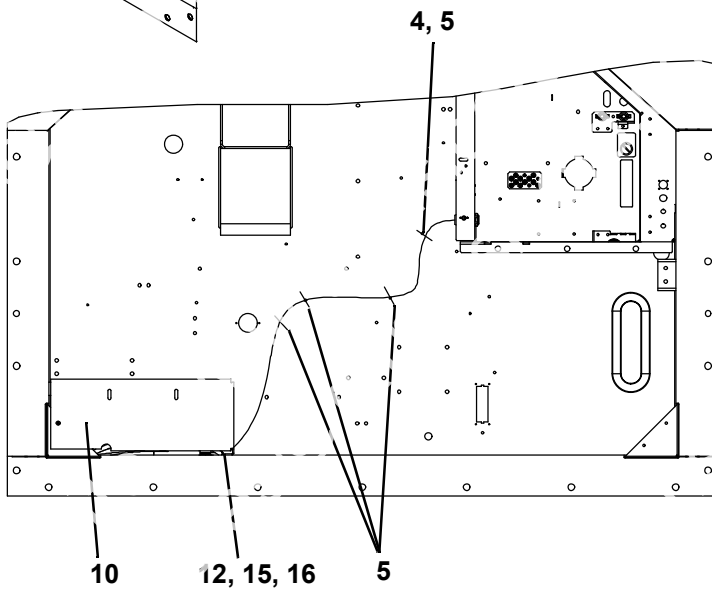
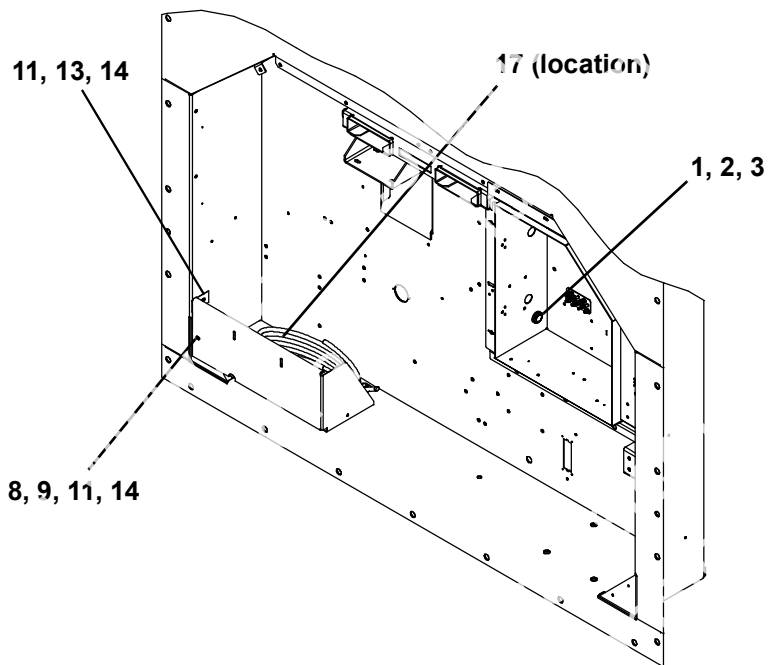
22-01879

Item	Part Number	Description	Qty
450V CABLE ASSEMBLY			
1	22-02378-00	Plug 4 Pole, 440V	1
2	22-66651-12	Cable Transicord Flexline - 6.3 ft	1
	22-66651-10	Cable Transicord Flexline - 67 ft	1
3	66-U---1--2533	Tube, Heat Shrink	1
4	22-00119-03	Terminal	3
5	22-00119-04	Terminal, Ring	1
6	22-02324-01	Bushing	4
230V CABLE ASSEMBLY			
1	66-U---1--6782	Plug	1
2	22-01879-50	Cable Transicord Flexline	1
ROTATING PIN PLUG OPTION			
1	22-66736-00	Rotating Pin Plug	1

22-01879-33, 31, 05



9 Cable Kit



77-01695

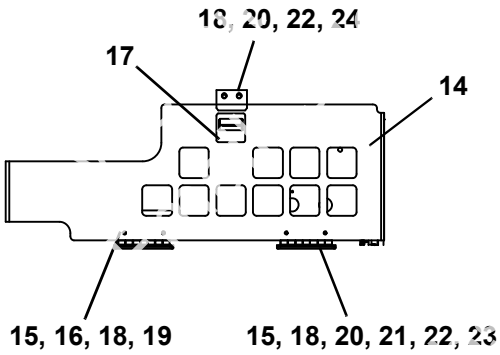
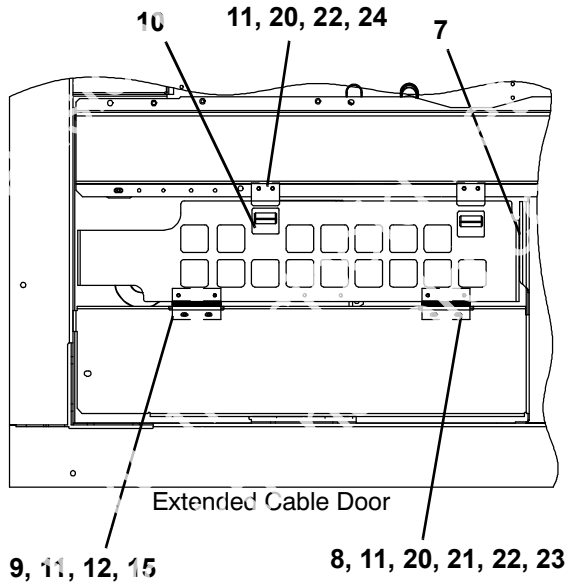
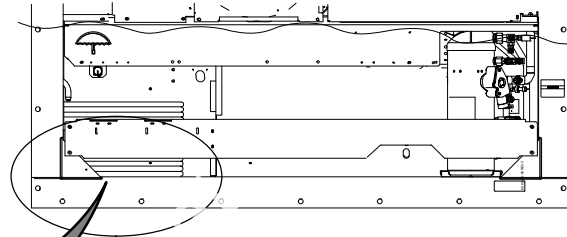
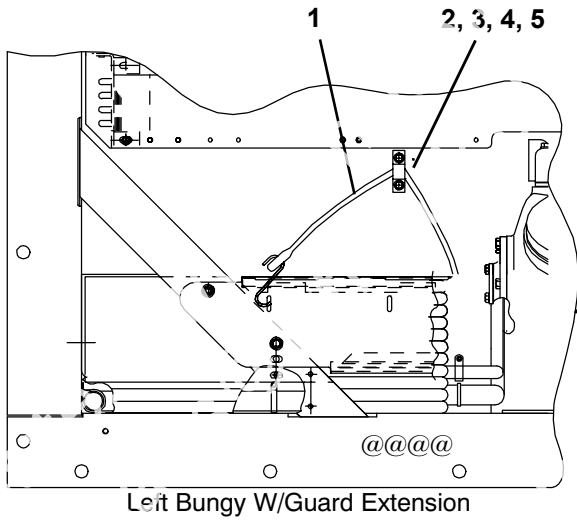
9 Cable Kit



Item	Part Number	Description	
1	66-U---1--7352-3	Connector Straight, Watertight	
2	34-06136-01	Nut, Lock 3/4" Npt	
3	66-U---1--1251-2	O-Ring	
4	58-04316-00	Base, Mounting	1
5	66-U---1--3882	Wire Tie	3
6	68-14456-01	Cable Clamp Cable Cutter 16 Ga.	1
7	58-04026-07	Protector	1
8	66-U---1--5361-11	Screw, Cap Hex Head 1/4-20 X 1.50	2
9	34-00667-11	Nut, Self Lock	1
10	68-17131-00	Guard	1
11	34-06053-00	Washer .250 ID X .800 OD	10
12	66-U---1--5371-6	Screw, Machine Hex Head #10-24 X 0.750	2
13	66-U---1--5361-25	Screw, Cap Hex Head 1/4-20 X 0.75	8
14	66-U---1--5321-7	Washer, Plain 1/4 W Type A	5
15	66-U---1--5321-8	Washer, Plain #10 Type A	2
16	34-06053-05	Washer	2
17	68-86256-00	Separator (option)	1

77-01695-00, 02

10 Cable Restraint Components



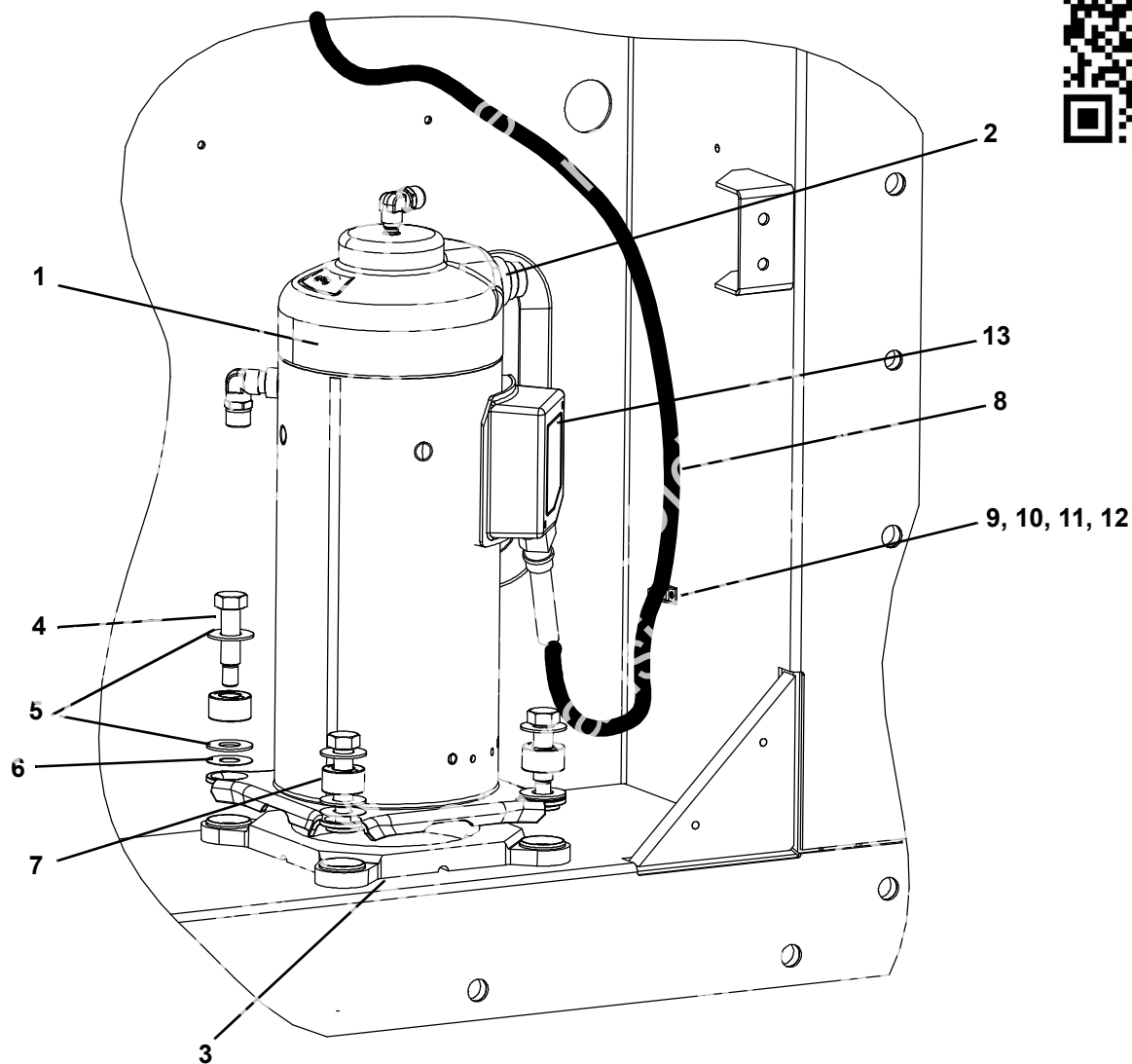
69NT--43---379

10 Cable Restraint Components



Item	Part Number	Description	
LEFT BUNGY W/GUARD EXTENSION			
1	66-U---1--5321-7	Washer, Flat, 1/4, SST	
2	66-U---1--5361-25	Screw, Captive, Hex Head, 1/4-20 X 0.75 Inches Long, SS	
3	34-06053-03	Washer, Mylar, 0.25 ID X 1.00 OD	2
4	69NT--35--5992	Strap 16 Gage	1
5	66-U---1--2603	Strap, Tie Down	1
EXTENDED CABLE DOOR			
6	79-04071-00	Cable Restraint Includes:	
7	68-86255-00	Cover	1
8	58-04001-01	Protector	2
9	44-00409-00	Hinge	2
10	44-00401-00	Latch, Door	2
11	34-06053-05	Washer 0.205 ID X 0.600 OD	4
12	34-00928-13	Rivet, Blind	4
13	79-04071-01	Cable Restraint Includes:	
14	68-17526-00	Cover	1
15	58-04001-02	Protector	2
16	44-00409-00	Hinge	2
17	44-00401-00	Latch, Door	1
18	34-06053-05	Washer 0.205 ID X 0.600 OD	4
19	34-00928-13	Rivet, Blind	4
20	66-U---1--5321-8	Washer, Plain #10 Type A	8
21	66-U---1--5331-3	Washer, Lock #10 Spring	6
22	66-U---1--2403	Screw, Machine #10-24 X 0.500 Sltd	8
23	34-01167-01	Nut, Retainer #10-24 X 1.75	2
24	68-13707-02	Latch	2
			69nt--43---379

11 Compressor Assembly

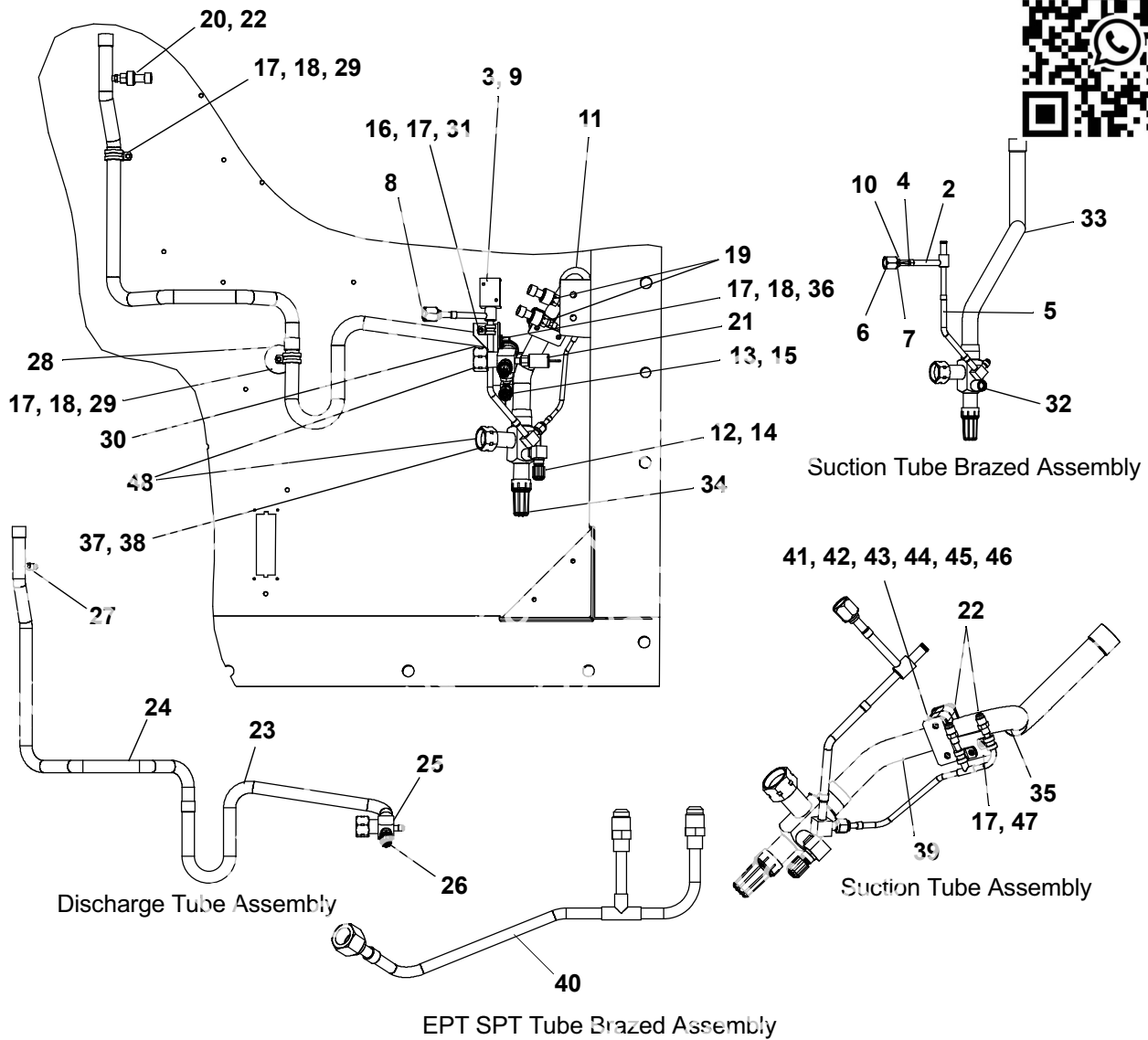


77-01683

Item	Part Number	Description	Qty
1	18-10136-22	Compressor, Scroll R-134a Only	1
1	18-10178-20	Compressor, Scroll R-513A-Ready	1
	42-00384-02	Seal, Rotolock, 1 1/4-12	2
2	12-00653-00	Sensor, Compressor Discharge Temperature (CPDS)	1
3	58-04821-00	Base Assembly	1
4	34-06277-02	Bolt, Shoulder 1/2-13	4
5	34-06236-00	Washer .687 X 1.500 X .078	8
6	34-06053-20	Washer .65 ID X 1.50 OD	4
7	58-04791-01	Mount, Resilient	4
8	22-04128-01	Cable	1
9	66-U---1--3882	Wire Tie	1
10	58-04246-00	Ty-Rap Base	1
11	66-U---1--5371-6	Screw, Machine Hex Head #10-24 X 0.750	1
12	34-00663-09	Washer, Lock #10 Spring	1
13	18-10136-30	Cover	1



12 Compressor Tubing



77-01684

Item	Part Number	Description	Qty
1	76-00816-00	Transducer, Service (EPT) (SPT)	1
	22-01713-46	Wire Harness Transducer Service	1
	66-U---1--3803	Tube Heat Shrink	1
2	14-00361-16	Valve Body, Solenoid	1
3	14-00361-01	Coil Kit, Solenoid (DUV)	1
	14-00361-10	Coil	1
	14-00361-11	Spacer	1
	14-00361-12	Plain Washer	1
	14-00361-13	Spring Washer	1
	14-00361-14	Screw	1
4	56-07257-11	Tube	1
5	56-08689-00	Tube	1
6	40-00675-00	Nut, Hex 37 Deg Flare, 1/2 OD	1
7	40-00663-00	Sleeve	1
8	42-00243-12	O-Ring	1

12 Compressor Tubing



9	66-U---1--3803	Tube, Heat Shrink	
10	14-00361-15	Screen Valve Strainer	
11	58-00065-95	Grommet	
12	40-00542-00	Elbow Adapter Low Press	
13	40-00542-01	Elbow Adapter High Press	1
14	40-00520-02	Cap	1
15	40-00520-03	Cap	1
16	66-U---1--5371-6	Screw, Machine Hex Head #10-24 X 0.750	3
17	34-06053-05	Washer	6
18	66-U---1--3632-20	Clamp, Tube	3
19	76-00816-00	Transducer, SPT, EPT	2
20	12-00352-00	Transducer, DPT	1
21	12-00309-05	High Pressure Switch, 350/250 Psig	1
22	EC39DM070	Core Check Valve	3
23	56-09161-00	Tube, Discharge 7/8 OD X 0.045	1
24	56-09162-00	Tube, Discharge 7/8 OD X .045	1
25	40-00583-05	Valve, Service 7/8 ID, Rotalock	1
26	40-00583-20	Valve Cap	1
27	40-01124-00	Valve Body	1
28	34-06295-00	Washer, Fender #10-1.690-2.000 OD	1
29	66-U---1--5371-10	Screw, Machine Hex Head #10-24 X 1.00	2
30	68-15532-00	Bracket .090 Thick Aluminum	1
31	34-00373-53	Clamp, Tube	1
32	76-00818-01	Valve, Service 1 1/8 ID, Rotalock (For PIDs < NT2750)	1
	76-66349-00	Valve, Service 1 1/8 ID, Rotalock (For PIDs >= NT2750)	1
33	56-09063-00	Tube, Suction 1-1/8 OD X 0.05	1
34	40-00665-21	Service Cap	1
35	42-00425-131	Insulation, Tube Pre-Taped	1
36	34-00795-09	Nut, Self Lock	1
37	42-00425-112	Insulation, Tube Pre-Taped	1
38	66-U---1--3882-3	Wire Tie	2
39	42-00425-130	Insulation, Tube Pre-Taped	1
40	74-66663-00	Tube Assembly (PIDs < NT2750):	1
	79-04051-00	Tube Assembly (PIDs >= NT2750):	
	81-04212-00	Tube	1
	EC39DM070	Valve Core	1
41	68-15997-00	Bracket	1
42	44-00285-54	Clamp, Tube 1-1/8 OD 2 Pcs	1
43	34-00655-18	Screw, Cap Hex Head 1/4-20 X 2.25	2
44	34-06053-00	Washer .250 ID X .800 OD	2
45	66-U---1--5321-7	Washer, Plain 1/4 W Type A	2
46	68-15998-00	Nut Plate	1
47	34-00373-51	Clamp, Tube	2
48	42-00384-02	Seal, Rotalock, 1 1/4-12	2

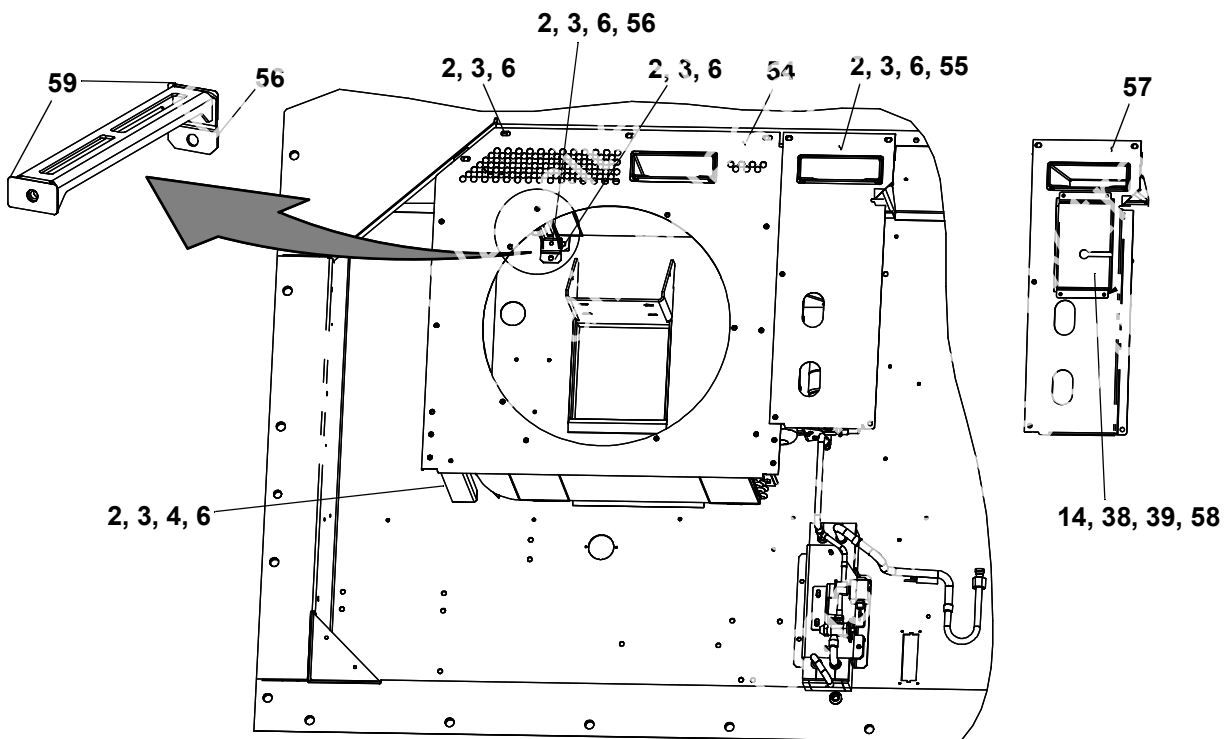
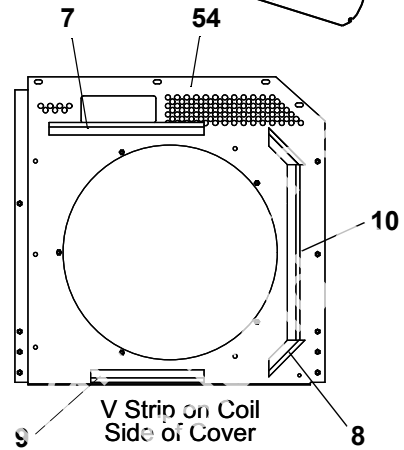
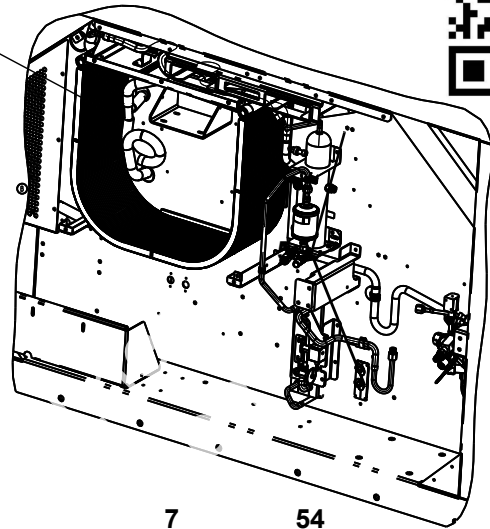
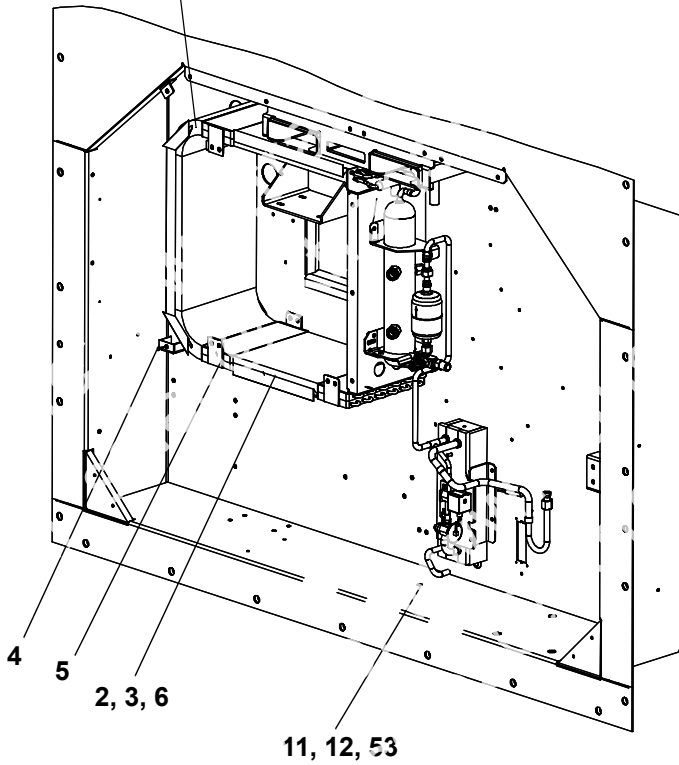
77-01684-00

13 Condenser COIL & COVERS



1a - PIDs NT3000 and up

1 - PIDs prior to NT3000



**13 Condenser
COIL AND COVERS**

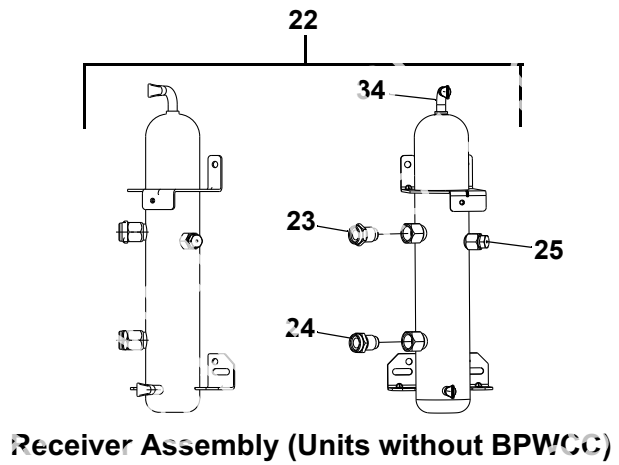
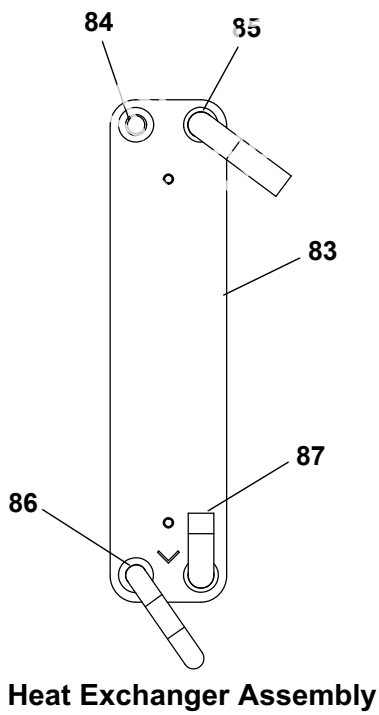
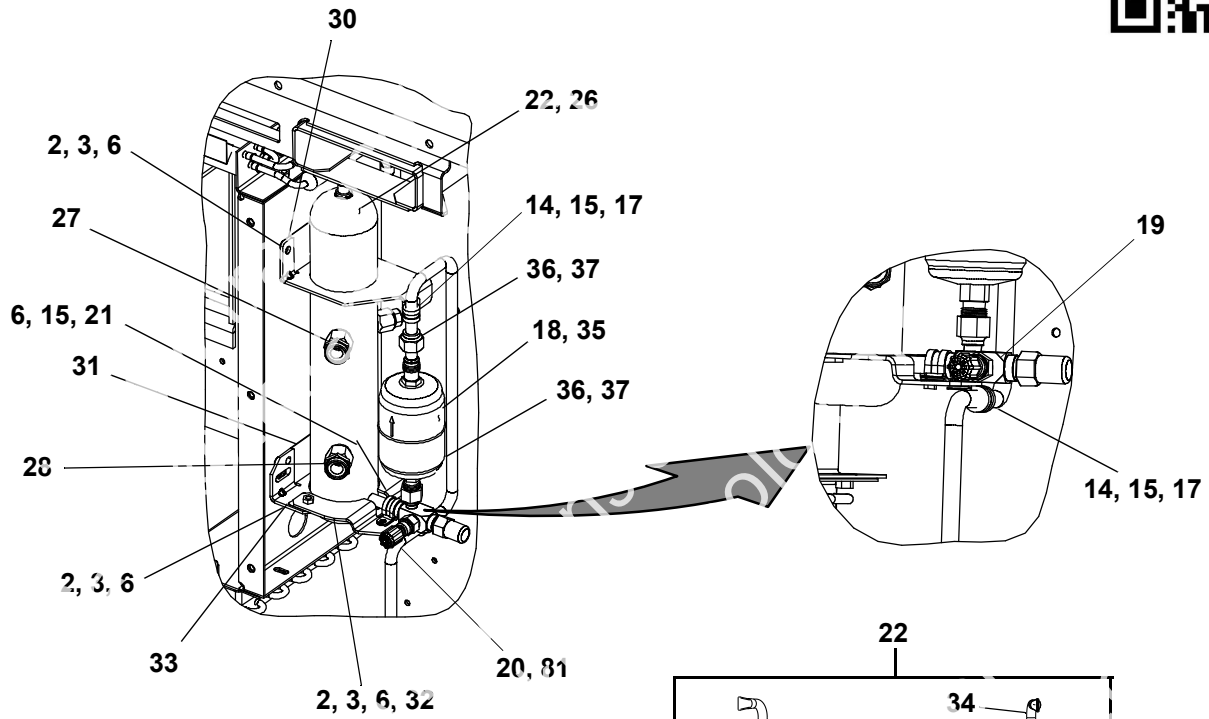


Item	Part Number	Description	Qty
1	81-04203-20	Condenser Coil Assembly (PIDs prior to NT3000):	
	68-17185-00	Panel	
	34-00655-04	Screw, Hex Head	4
	34-06053-00	Washer	4
	66-U---1--5321-3	Washer, Plain	4
	58-04910-00	Protector	1
	58-04910-01	Protector	1
	58-04026-23	Protector	1
	58-04026-108	Protector	1
	56-09149-00	Coupling	2
1a	81-04237-20	Condenser Coil Assembly, MCHE (PIDs NT3000 and up):	1
	81-04237-03	Coil Assembly	1
	66-U---1--5361-25	Screw, Cap Hex Head 1/4-20 X 0.75	4
	66-U---1--5321-7	Washer, Plain 1/4 W Type A	4
	34-06053-05	Washer	3
	34-06053-00	Washer	4
	66-U---1--5371-6	Screw, Machine Hex Head	2
	86-05150-00	Bracket	1
	56-09392-00	Tube, Liquid	1
	56-09394-00	Tube, Liquid	1
	--DE--01EA-504	Coupling	2
	34-00373-31	Clamp, Tube	2
	68-86389-00	Bracket	1
	34-00928-09	Rivet, Blind	2
	42-00174-127	Gasket	2
	58-04910-21	Protector	4
	58-04910-22	Protector	4
	66-U---1--3882-7	Wire Tie	4
	34-00667-09	Nut, Self Lock	1
1a	76-00893-00	MCHE Repair Kit	1
2	66-U---1--5361-25	Screw, Cap Hex Head 1/4-20 X 0.75	42
3	66-U---1--5321-7	Washer, Plain 1/4 W Type A	44
4	68-17196-00	Bracket	1
5	58-04910-02	Protector	2
6	34-06053-00	Washer .250 ID X .800 OD	45
7	42-00771-02	Gasket	2
8	42-00771-00	Gasket	4
9	42-00771-01	Gasket	2
10	42-00771-03	Gasket	2
11	66-U---1--5361-7	Screw, Cap Hex Head 3/8-16 X 1.00	1
12	34-00662-13	Washer, Plain 3/8	1

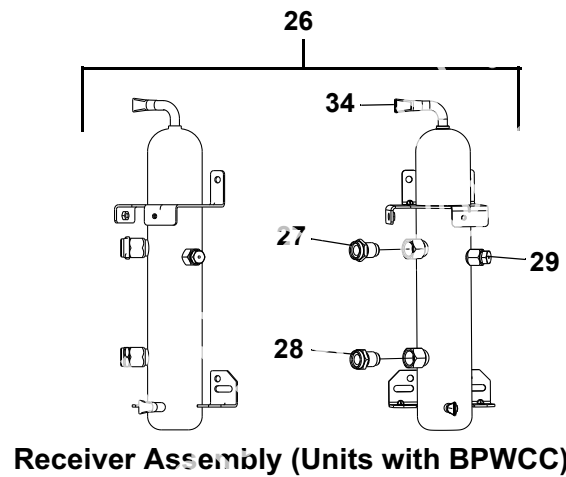
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13 Condenser

RECEIVER, HEAT EXCHANGER SECTIONS



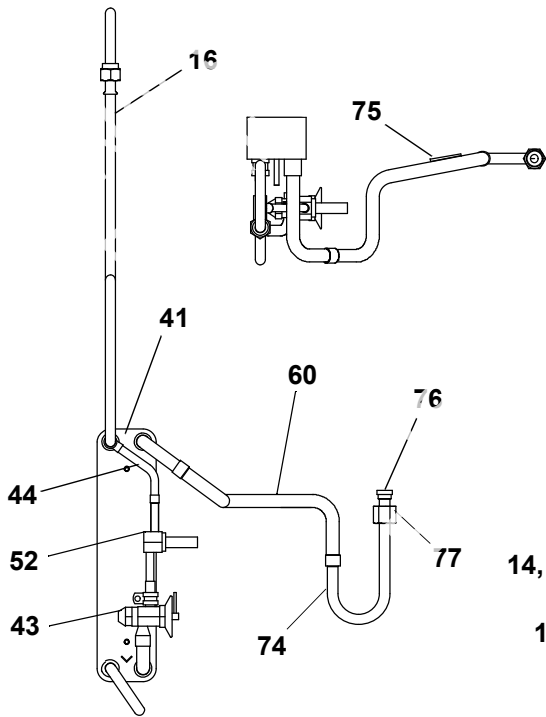
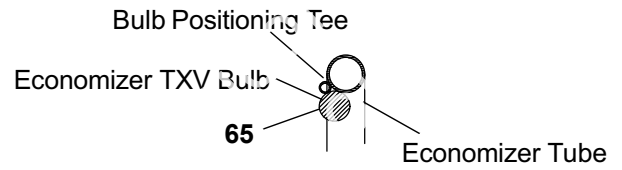
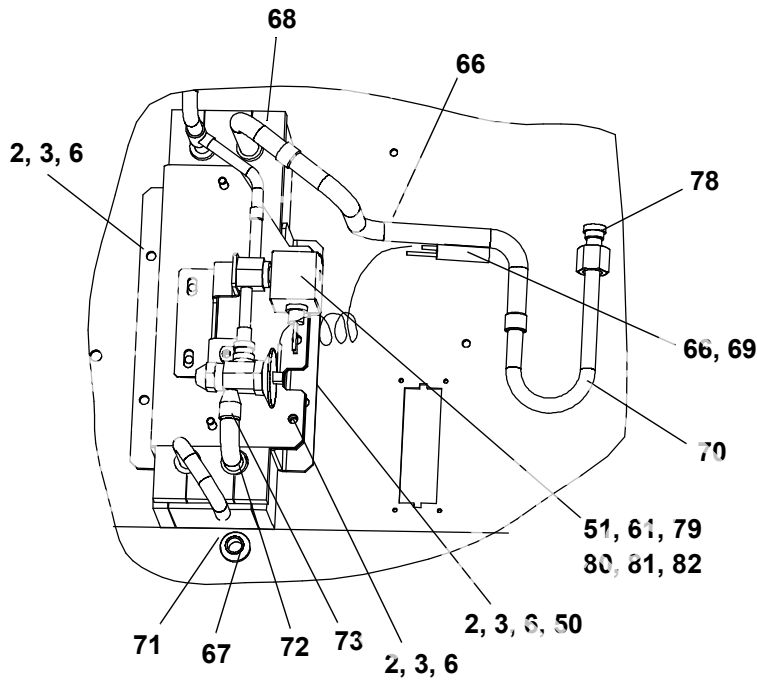
Receiver Assembly (Units without BPWCC)



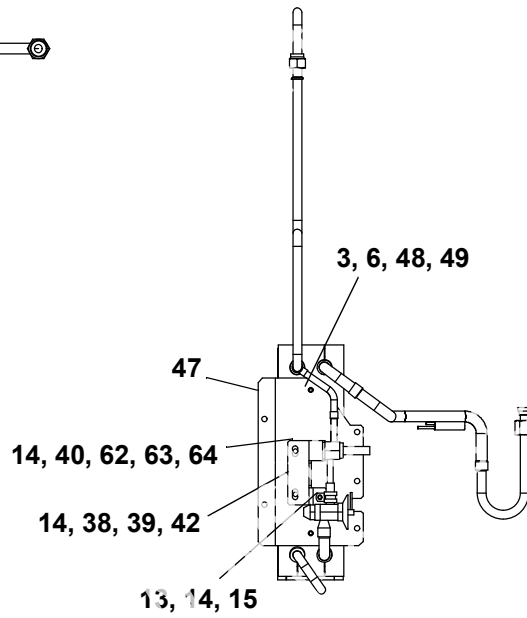
Receiver Assembly (Units with BPWCC)

77-01697

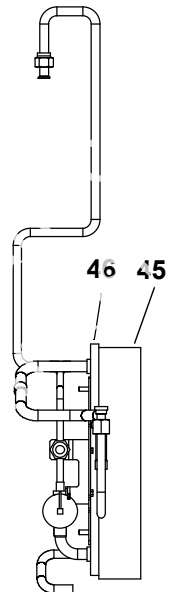
**13 Condenser
ECONOMIZER SECTION**



Economizer Brazed Assembly



Economizer Assembly



77-01697

13 Condenser



Item	Part Number	Description	
13	34-00373-54	Clamp, Tube Cushion	
14	34-06053-05	Washer .205 ID X .600 OD	
15	66-U---1--5371-6	Screw, Machine Hex Head #10-24 X 0.750	
16	56-09064-00	Tube	1
17	44-00370-03	Clamp, Cushioned	2
18	14-00341-07	Filter Drier 1/2 Flare, "O" Ring	1
	14-00341-11	Filter Drier Aluminum Coated, 1/2 Flare, "O" Ring	1
19	14-00222-02	Valve, King	1
20	40-00520-01	Coupling	1
21	34-00373-07	Clamp, Tube	1
22	79-04049-01	Receiver Assembly (Units Without Brazed Plate WCC) Includes:	1
23	14-00220-04	Sight Glass 1/2-14 Npt Danfoss	1
24	14-00221-04	Indicator Moisture & Liquid	1
25	14-01032-14	Fusible Plug	1
26	79-04049-02	Receiver Assembly (Units With Brazed Plate WCC) Includes:	1
27	14-00220-04	Sight Glass 1/2-14 Npt Danfoss	1
28	14-00221-04	Indicator Moisture & Liquid	1
29	14-01032-14	Fusible Plug	1
30	58-04026-23	Protector	1
31	58-04026-108	Protector	1
32	68-16864-00	Bracket	1
33	58-04910-04	Protector	2
34	40-66625-38	Elbow, 90 Str 1/2C X 1/2C	1
35	14-00284-20	O-Ring Filter Drier	2
36	66-U---1--3852	Wire Tie	4
37	42-00032-13	Insulation Prestite	2
38	66-U---1--5371-7	Screw, Machine Hex Head #10-24 X .500 Std	2
39	66-U---1--5321-8	Washer, Plain #10 Type A	2
40	58-04026-59	Protector Solenoid Valve	1
41	40-66620-01	Tee, Reducing 1/2 X 1/2 X 3/8	1
42	68-14278-00	Bracket	1
43	14-00232-31	Valve, Expansion 5/8 OD X 3/8 OD	1
44	56-07911-00	Tube, Liquid 3/8 OD X .028 W	1
45	42-00389-03	Insulation Economizer	1
46	42-00390-03	Insulation Economizer	1
47	68-15477-02	Bracket	1
48	58-00836-19	Spacer Nylon	2
49	34-00667-11	Nut, Self Lock	2
50	68-15478-02	Bracket	1
51	14-01091-04	Coil, ESV (PIDs prior to NT2850)	1
	14-01091-10	Coil, ESV (PIDs NT2850 and up)	1
52	14-01090-12	Valve Body Solenoid, ESV (PIDs prior to NT2850)	1
	14-01090-20	Valve Body Solenoid, ESV (PIDs NT2850 and up)	1
53	34-06053-02	Washer 0.375 ID X 1.000	1

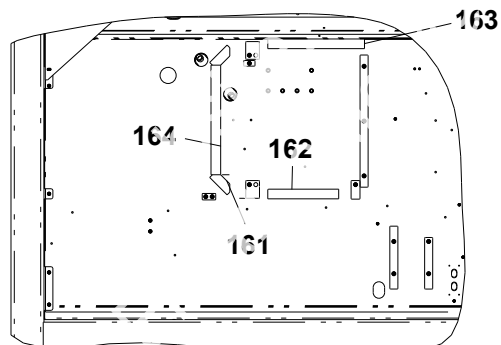
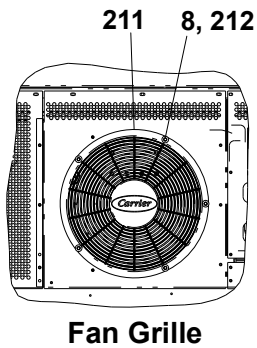
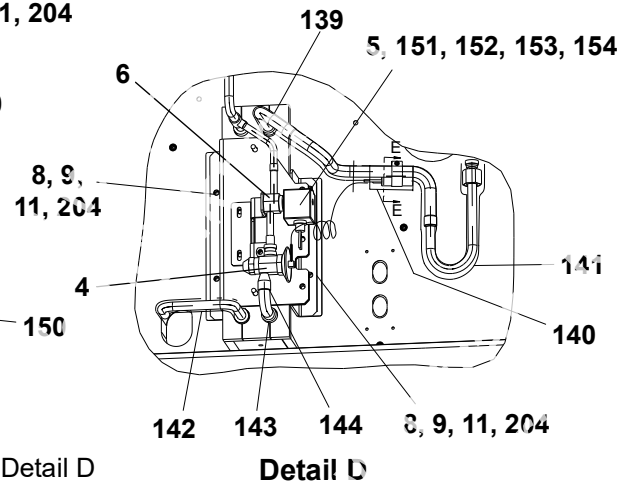
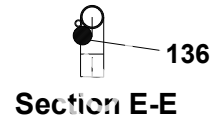
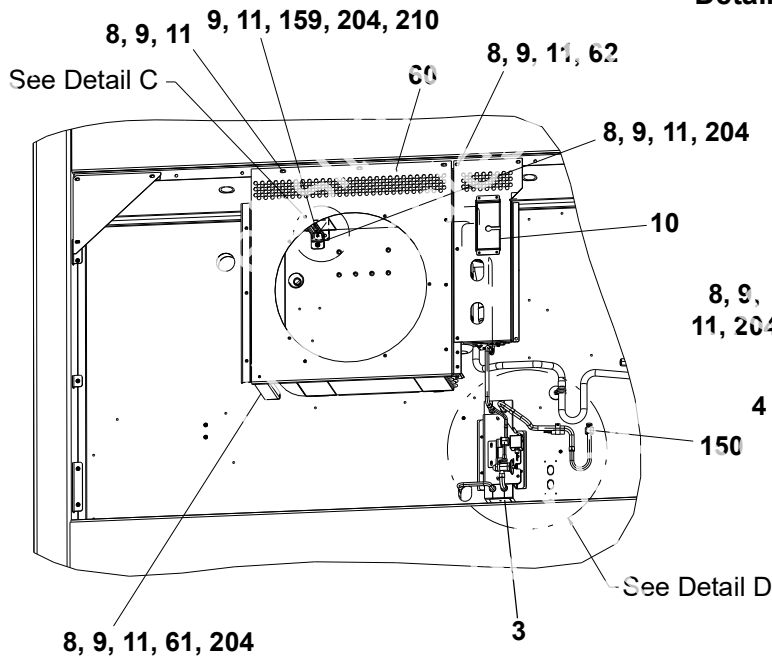
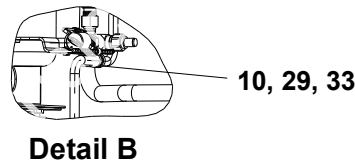
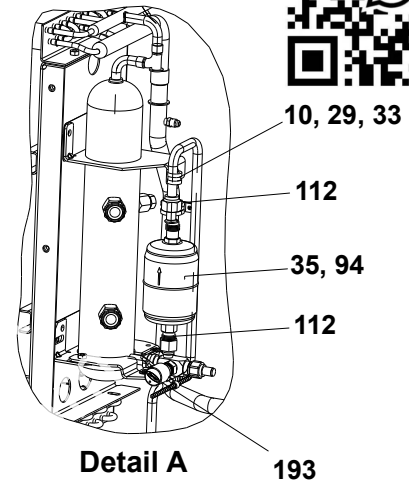
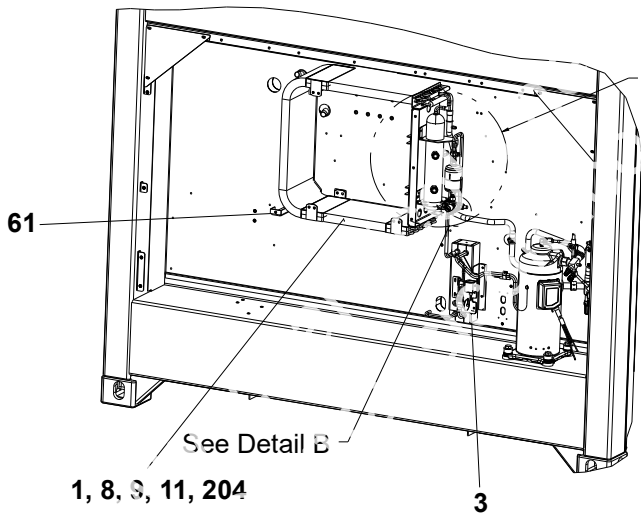
13 Condenser



54	79-04055-00	Cover Includes:	
	68-17290-00	Cover	
	58-04910-02	Protector	
	42-00771-00	Gasket	
	42-00771-01	Gasket	3
	42-00771-02	Gasket	1
	42-00771-03	Gasket	1
55	68-16823-00	Cover	1
56	86-04994-00	Bracket	1
57	68-16823-00	Cover	1
58	79-66735-04	Bracket	1
59	58-04910-05	Protector	2
60	56-09164-00	Tube	1
61	66-U---1--3803	Tube, Heat Shrink	2
62	66-U---1--5371	Screw, Machine Hex Head #8-32 X 1/2	2
63	66-U---1--5321-2	Washer, Plain #8 Type A	2
64	66-U---1--5331-4	Washer, Lock #8 Spring	2
65	42-00032-00	Insulation Prestite	1
66	66-U---1--3882-3	Wire Tie	3
67	66-U---1--1571-3	Grommet	1
68	42-00425-139	Insulation, Tube	1
69	42-00425-69	Insulation, Tube	1
70	42-00667-32	Insulation, Tube	1
71	42-00667-28	Insulation, Tube	1
72	42-00425-78	Insulation, Tube	1
73	42-00425-93	Insulation, Tube	1
74	56-66735-00	Tube	1
75	99TS0322CK001 400	Tube, Straight	1
76	40-00668-00	Sleeve	1
77	40-00667-00	Nut, Hex	1
78	42-00243-04	O-Ring	1
79	34-66638-00	Screw	1
80	14-01091-20	O-Ring	1
81	14-01091-21	O-Ring	1
82	14-01091-22	Spacer	1
83	81-04202-00	Heat Exchanger:	1
84	99TS0835CK002 000	Tube, Straight	1
85	56-09163-00	Tube	1
86	56-08667-00	Tube, Liquid	1
87	56-08627-00	Tube	1

77-01697-01

14 Condenser for PrimeLINE ONE



14 Condenser for PrimeLINE ONE



Item	Part Number	Description	
1	79-04186-00	Condenser Assembly - Includes:	
	81-04203-06	Coil Assembly	
	79-04167-00	Receiver Assembly	
	66-U---1--5361-25	Screw, Cap HXHD	4
	66-U---1--5321-7	Washer, Plain	4
	34-06053-00	Washer	4
	58-04026-23	Protector	1
	58-04026-108	Protector	1
3	81-04201-00	Heat Exchanger Assembly	1
4	14-00232-34	Valve, Expansion 5/8 OD X 3/8 OD	1
5	14-01091-04	Coil, ESV (PIDs prior to NT8009)	1
	14-01091-10	Coil, ESV (PIDs NT8009 and up)	1
6	14-01090-12	Valve Body Solenoid, ESV (PIDs prior to NT8009)	1
	14-01090-20	Valve Body Solenoid, ESV (PIDs NT8009 and up)	1
8	66-U---1--5361-25	Screw, Cap HXHD 1/4-20 X .75	31
9	66-U---1--5321-7	Washer, Plain 1/4 w Type A	27
10	34-06053-05	Washer .205 ID X .600 OD	2
11	34-06053-00	Washer .250 ID X .800 OD	27
29	66-U---1--5371-6	Screw, Mach HXHD #10-24 X .750 SLTD	2
33	44-00370-03	Clamp, Cushioned .50 dia	2
35	14-00341-04	Filter Drier	1
60	79-04102-00	Cover Assembly	1
	68-17886-00	Cover	1
	42-66647-02	Gasket	1
	42-66647-01	Gasket	1
	42-66647-03	Gasket	1
	42-66647-00	Gasket	2
	58-04910-02	Protector	3
	42-00465-01	Gasket	1
61	68-17196-00	Bracket	1
62	68-18178-00	Cover	1
94	14-00284-20	O-Ring	2
112	42-00032-13	Insulation	2
136	42-00032-16	Insulation	1
139	42-00425-139	Insulation, Tube	1
140	42-00425-69	Insulation, Tube	1
141	42-00667-32	Insulation, Tube	1
142	42-00425-148	Insulation, Tube	1
143	42-00425-78	Insulation, Tube	1
144	42-00425-93	Insulation, Tube	1

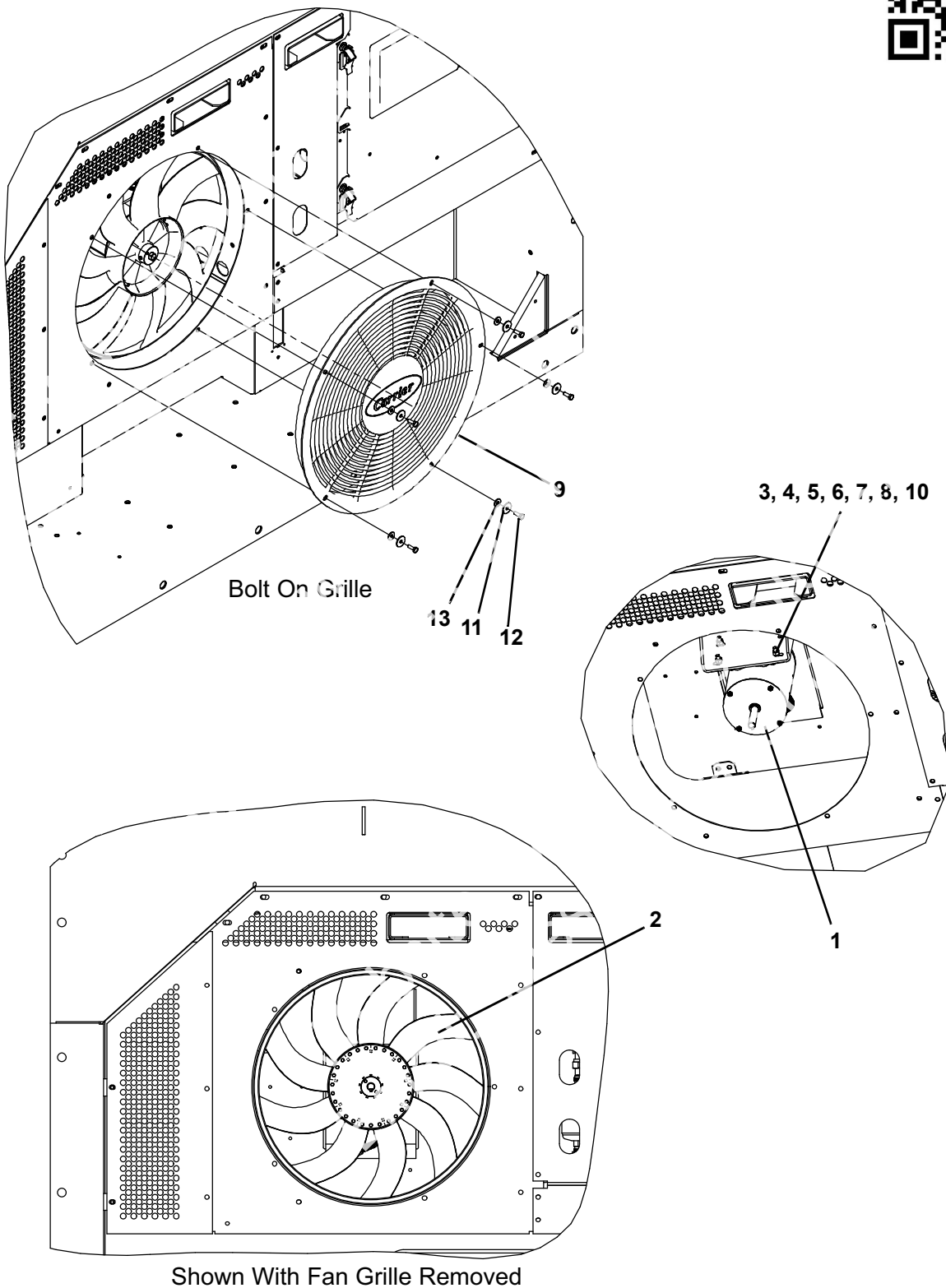
14 Condenser for PrimeLINE ONE



150	42-00243-04	O-Ring 0.50 ID X 0.62 OD	
151	34-66638-00	Screw, #10-32	
152	14-01091-20	O-Ring	
153	14-01091-21	O-Ring	
154	14-01091-22	Spacer	1
159	86-05278-00	Bracket .090 THK ALUM	1
161	42-66647-00	Gasket	2
162	42-66647-01	Gasket	1
163	42-66647-02	Gasket	1
164	42-66647-03	Gasket	1
193	58-66671-00	Seal	1
204	34-00663-11	Washer, Lock 1/4 Spring	13
210	66-U---1--5361-50	Screw, Cap HXHD 1/4-20 X 1	1
211	58-04980-00SV	Grille, Condenser Fan	1
212	69NT--35--2692-1	Washer, Fender 1/4- 993-1.015 OD	5
			77-66768-00



15 Condenser Fan and Motor



77-01707

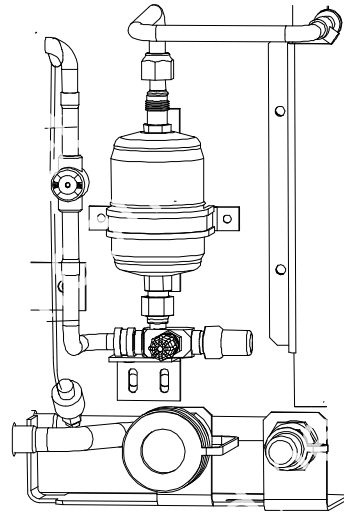
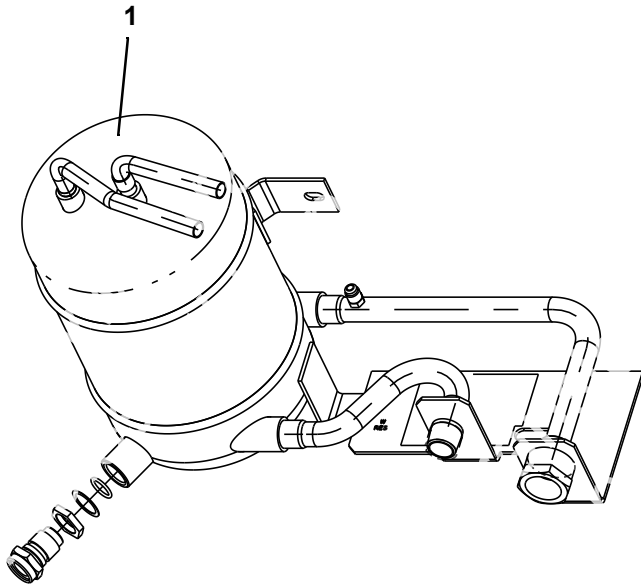
15 Condenser Fan and Motor



Item	Part Number	Description	
1	54-00655-20	Condenser Fan Motor	
2	38-00620-01	Condenser Fan Assembly	
3	69NT--35--3452	Shim	
4	34-01181-01	Washer, Flat	8
5	34-00667-12	Nut, Self Lock	4
6	66-U--1--5361	Screw, Cap Hex Head 5/16-18 X 1.25	4
7	69NT--35--3452-1	Shim	1
8	69NT--35--6112	Protector	2
9	58-04980-00SV	Condenser Grille	1
10	34-06053-02	Washer	4
11	69NT--35--2692-1	Washer, Fender 1/4-.993-1.015 OD	5
12	66-U--1--5361-25	Screw, Cap Hex Head 1/4-20 X 0.75	5
13	34-06357-00	Washer	5

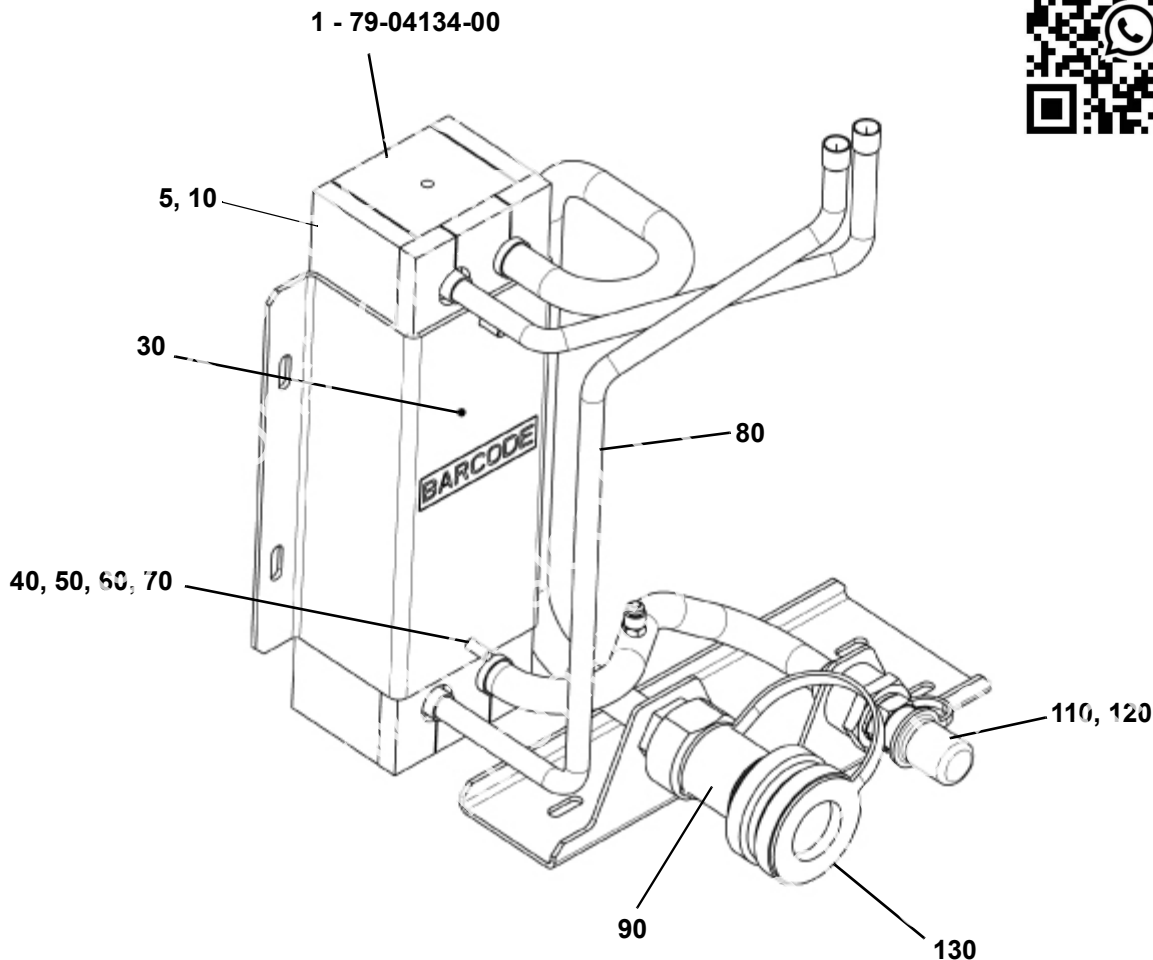
77-01707-00

16 Water Cooled Condenser Option - Tube-In-Shell



Item	Part Number	Description	Qty
1	76-66641-00	Condenser / Receiver Assembly (provision)	1
1	76-66641-01	Condenser / Receiver Assembly (without provision)	1

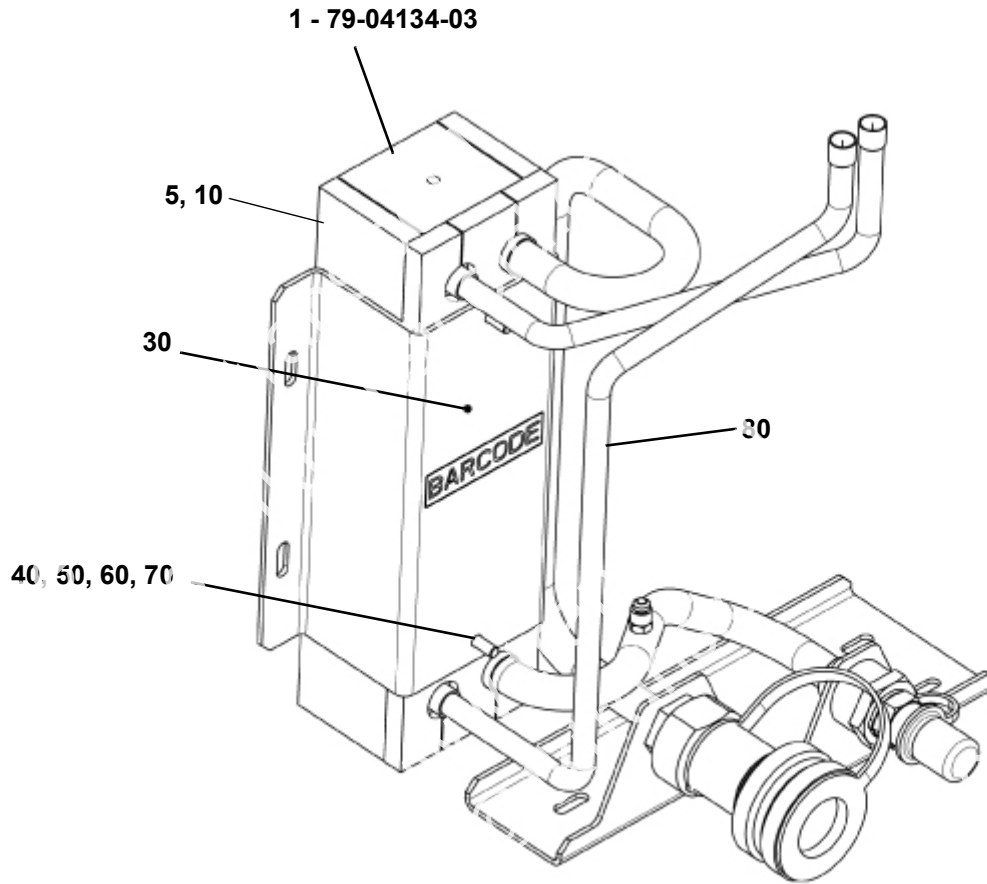
17 Water Cooled Condenser Option - Braze Plate



Item	Part Number	Description	Qty
1	79-04134-00	Condenser Assembly	1
5	42-00390-04	Insulation	1
10	42-00389-04	Insulation	1
30	68-17676-00	Bracket	1
40	58-00836-19	Spacer	2
50	34-06053-00	Washer	2
60	66-U---1--5321-7	Washer, Plain	2
70	34-01184-06	Nut, Lock	2
80	81-04238-00	Heat Exchanger Assembly	1
90	40-01129-00	Coupling Socket	1
110	66-U---2--1142	Cap, Dust	1
120	66-U---1--2763-5	Coupling Assy	1
130	66-U---2--1152	Cap, Dust	1

79-04134-00

17 Water Cooled Condenser Option - Braze Plate

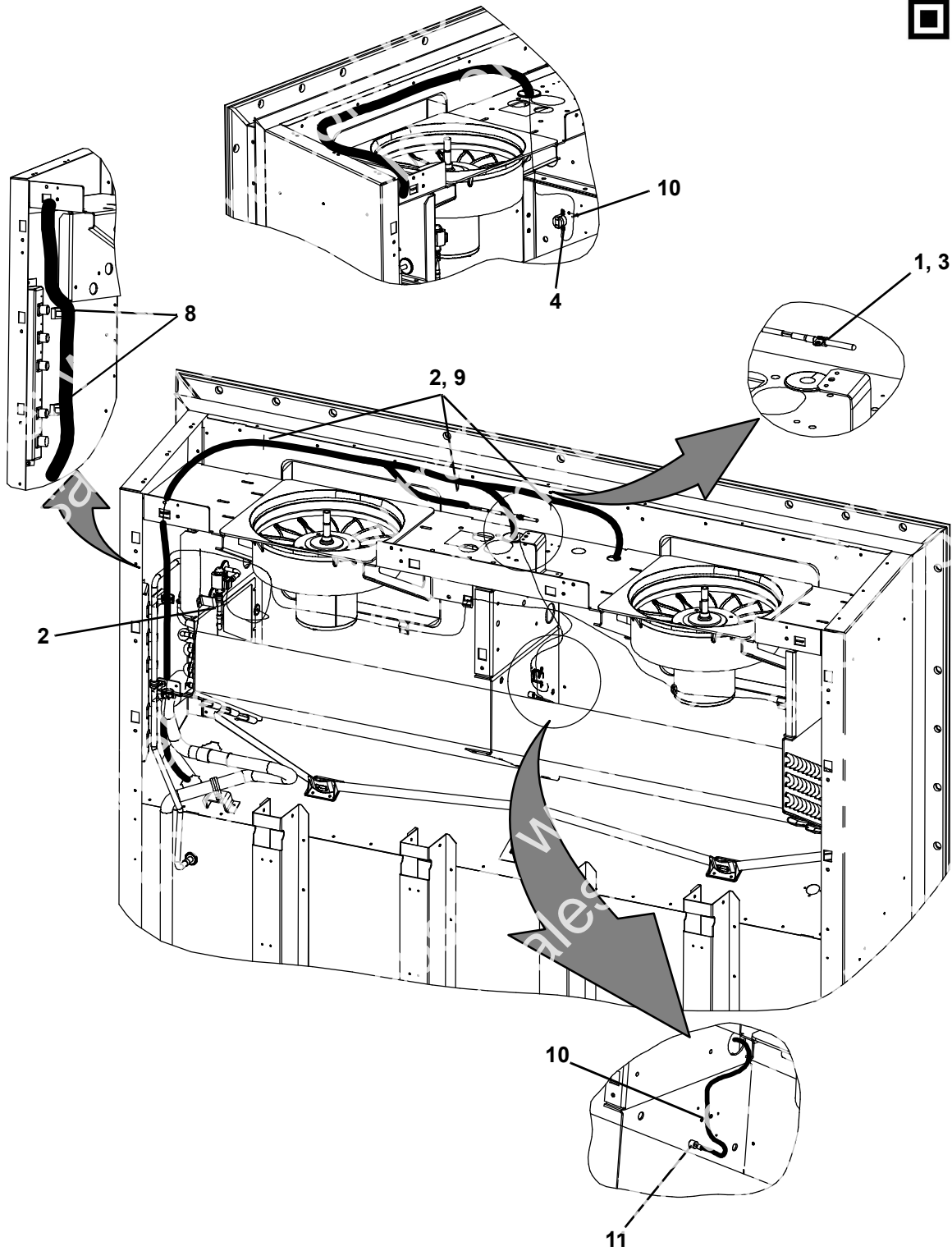


Item	Part Number	Description	Qty
1	79-04134-03	Condenser Assembly	1
5	42-00390-04	Insulation	1
10	42-00389-04	Insulation	1
30	68-17676-00	Bracket	1
40	58-00836-19	Spacer	2
50	34-06053-00	Washer	2
60	66-U---1--5321-7	Washer, Plain	2
70	34-01184-06	Nut, Lock	2
80	81-04238-00	Heat Exchanger Assembly	1

79-04134-03

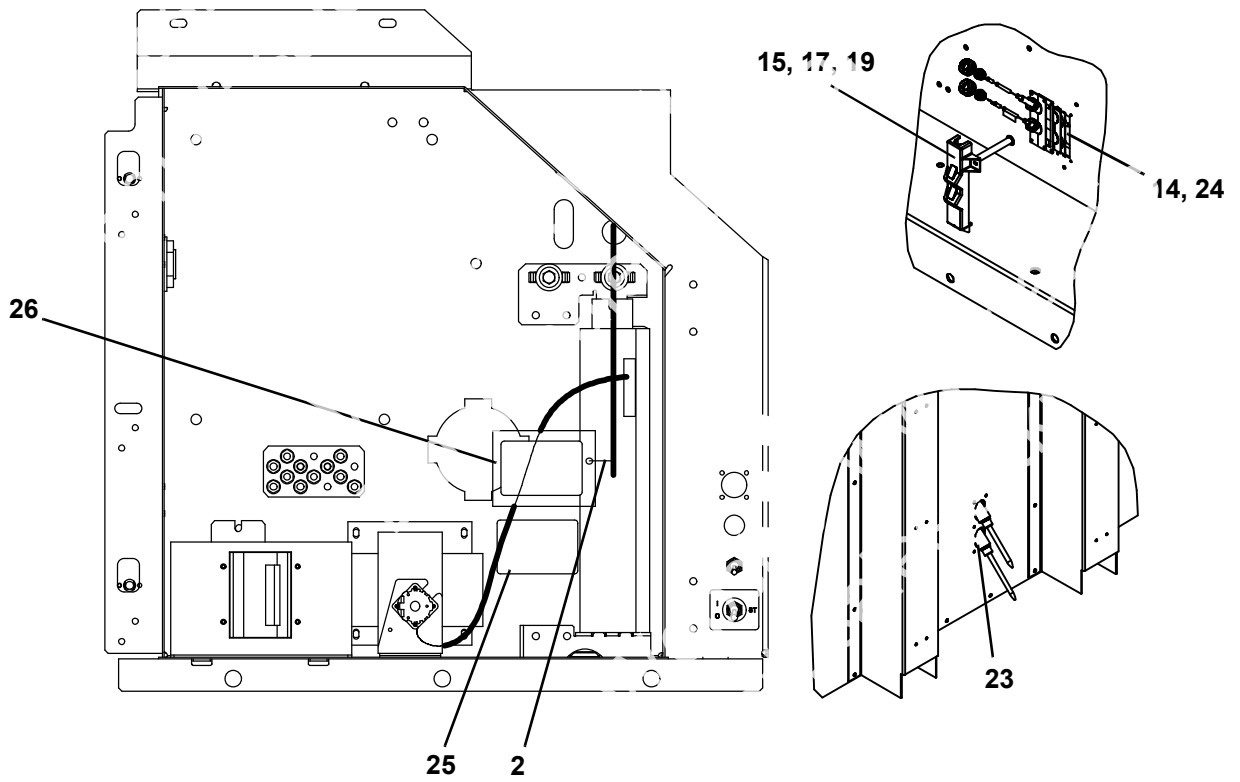
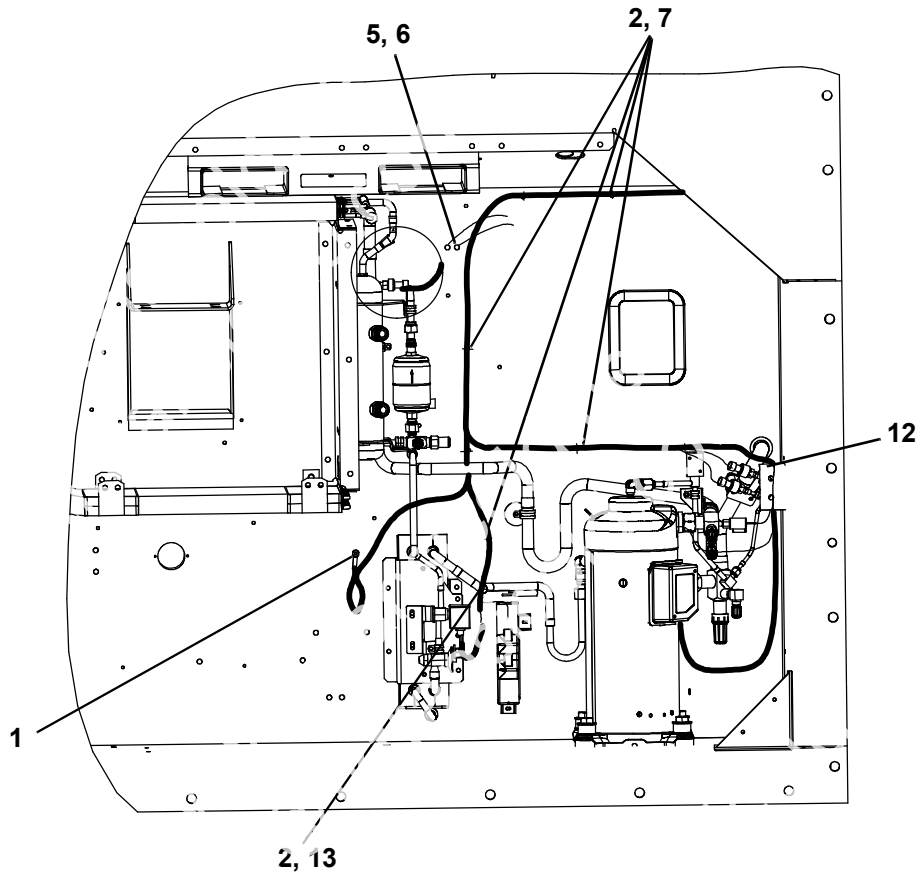


18 Controller Kit



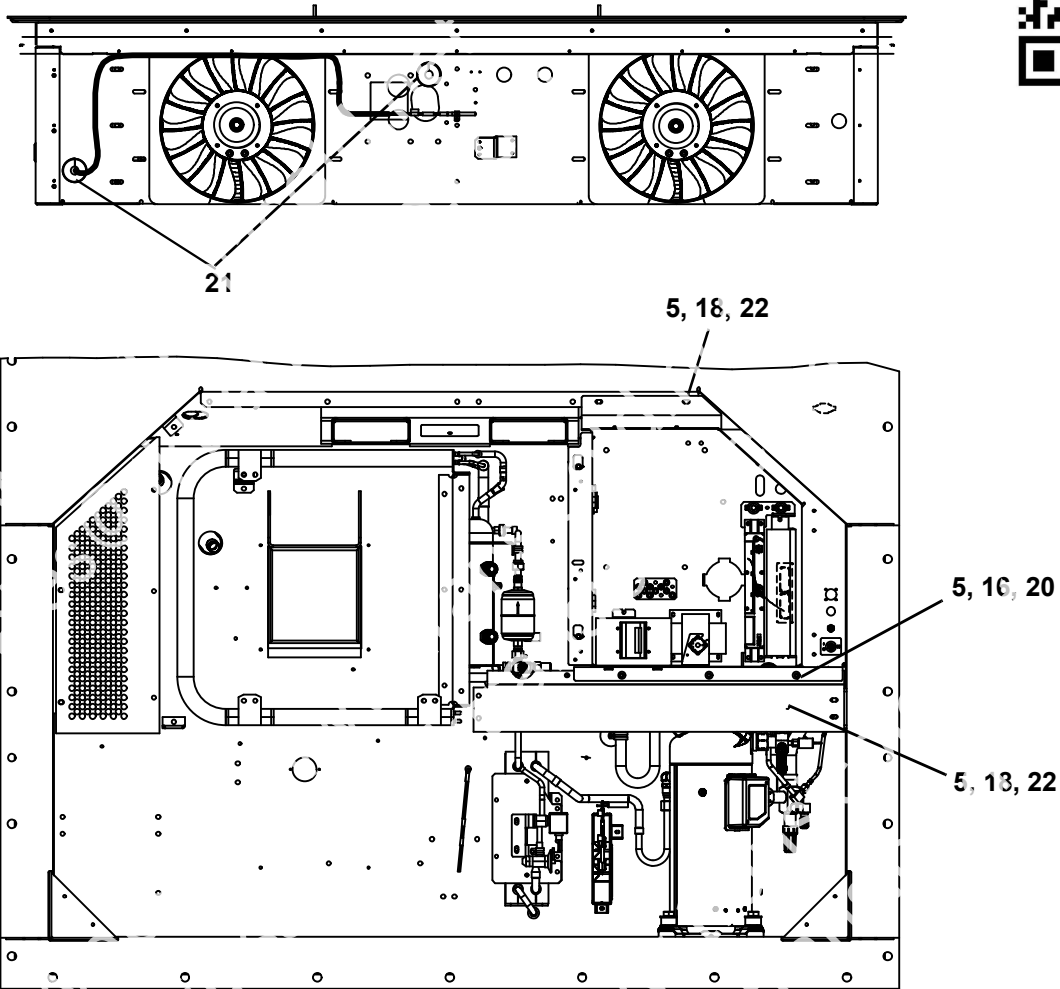
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18 Controller Kit



77-01696

18 Controller Kit



77-01696

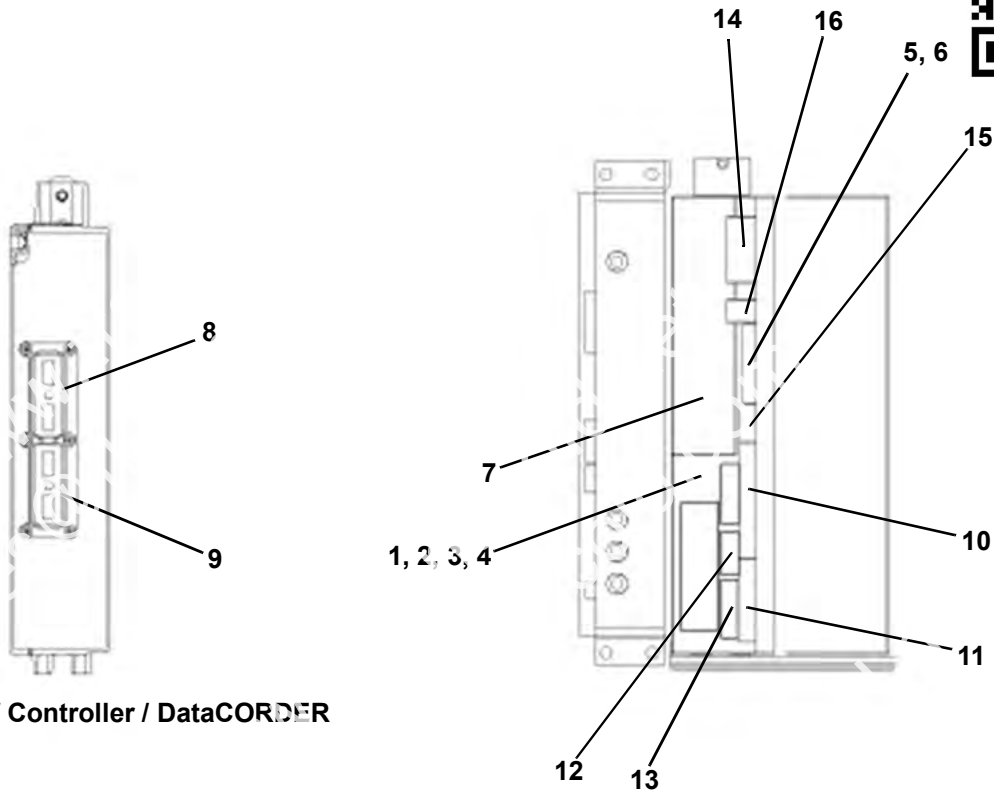
Item	Part Number	Description	Qty
1	66-U---1--5371-6	Screw, Machine Hex Head #10-24 X 0.750	2
2	66-U---1--3882	Wire Tie	17
3	44-01041-04	Clamp, Cushioned	1
4	34-01178-22	Screw, Hex Head #3-32 X 0.50	2
5	66-U---1--5361-25	Screw, Cap Hex Head 1/4-20 X 0.75	7
6	AU27JR171	Washer, Lock 1/4 Ext Tooth	1
7	58-04316-00	Base, Mounting	8
8	44-00361-00	Clip, Retaining	2
9	58-04315-00	Base, Mounting	3
10	58-00969-00	Wire Tie	1
11	34-01178-23	Screw, Tc Hex Head #8-32 X 0.75	1
12	66-U---1--3803	Tube, Heat Shrink	2
13	58-04321-24	Tube, Slit 3/8 ID, 14.00" Lg	1

18 Controller Kit

14	58-04276-00	Holder Supply Probe	
15	58-04279-00	Cover Plastic, Probe	
16	34-06053-03	Washer 0.250 ID X 1.000 OD	
17	66-U---1--5371-7	Screw, Machine Hex Head #10-24 X 0.5000	
18	66-U---1--5321-7	Washer, Plain 1/4 W Type A	2
19	66-U---1--5321-8	Washer, Plain #10 Type A	2
20	69NT--35--2692-1	Washer, Fender 1/4	3
21	58-04273-00	Grommet Split	2
22	34-06053-00	Washer 0.250 ID X 0.800 OD	2
23	34-00928-04	Rivet, Blind	6
24	34-00928-20	Rivet, Blind	4
25	62-11270-14	Label, Warning Software Version 5348	2
26	62-11114-00	Tag Controller Software	1

77-01696-00

19 Controller Module Section and Software Cards



View - Back of Controller / DataCORDER

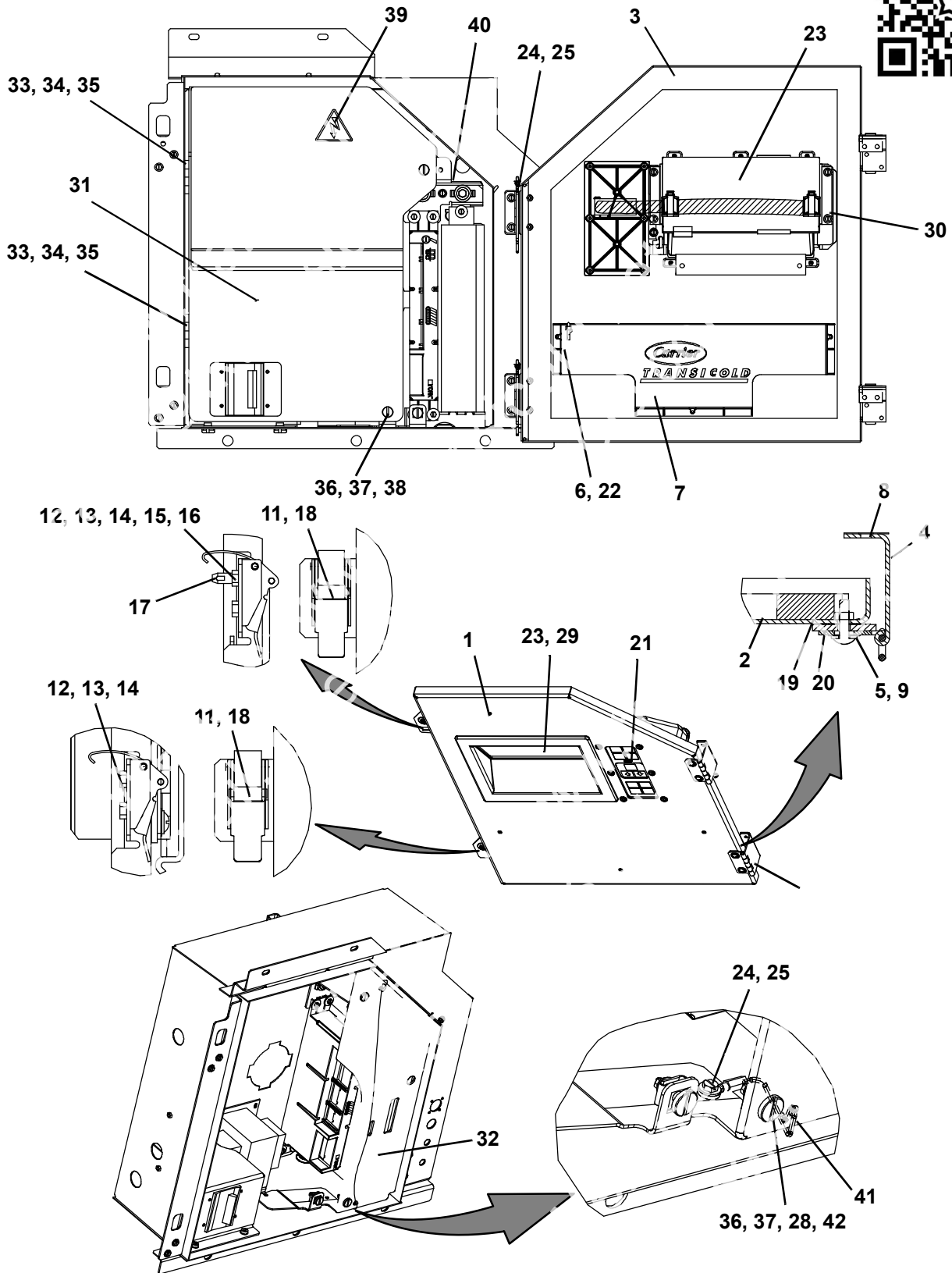


19 Controller Module Section and Software Cards



Item	Part Number	Description	
1	12-55012	Micro-Link 3 Controller / DataCORDER Module - Includes	
2	66-U---1--5371-7	Screw, Hex Head, #10-24 X 1/2 Inches Long, SST	
3	69NT--35--2692	Washer, Fender, 0.063 Thick, SST	
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 Software Programming Port	1
8		Connector (EC A-K); Refer to Section 37	
9		Connector (EC L-Y); Refer to Section 37	
10		Connector (KA) - 14-Pin; Refer to Section 36	
11		Connector (KB) - 10-Pin; Refer to Section 36	
12		Connector (KD) - 4-Pin; Refer to Section 36	
13		Connector (KE) - 5-Pin; Refer to Section 37	
14		Connector (MA) - 12-Pin; Refer to Section 36	
15		Connector (KH) - 6-Pin; Refer to Section 37	
16		Connector (MC) - 8-Pin	
NS	10-01129-07SV	Switch, Toggle (ST)	1
NS	09-00375-00	Battery, Real Time Clock, (Within the Controller)	1
17	30-00407-02SV	Rechargeable Battery Pack with Connector - Controller / DataCORDER	1
18	76-50214-02	PCMCIA to USB Blue Adapter	1
19	07-00571-00PK5	Micro-Link 3 USB Adapter MUA (5 Pack)	1
20	07-00572-00	Micro-Link 3 Service Tool MST	1
21	12-50172-00	USB Stick Preloaded MUA & MST	1

20 Controller Door Kit, Latch



77-01664

20 Controller Door Kit, Latch



Item	Part Number	Description	Qty
1	79-04018-01	Control Box Door Assembly, Latch Includes:	
2	86-04987-01	Door, Control Box	
3	42-00741-00	Gasket Control Box Door	
4	44-00300-04	Hinge Assembly W/Tethered Pin	2
5	66-U---1--2403-1	Screw, Machine #10-24 X 0.750	4
6	34-06107-00	Rivet, Blind	3
7	58-04954-00	Pocket Placard	1
8	58-04101-02	Protector	2
9	34-06053-05	Washer	4
10	58-04366-00	Window Controller Door	1
11	58-04026-74	Protector Latch	2
12	34-00663-08	Washer, Lock #8 Spring	4
13	66-U---1--5321-2	Washer, Plain #8 Type A	4
14	66-U---1--6651-2	Screw, Machine Pan Head #8-32 X 1/2 Lg	3
15	66-U---1--6651-22	Screw, Machine Pan Head #8-32 X 3/4 Lg	1
16	34-66621-04	Washer, Lock Internal Tooth	1
17	48-66611-00	Pin, Guide Machined	1
18	44-66605-00	Latch	2
19	68-17461-00	Shim	2
20	58-04101-00	Protector	2
21	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, Tf Pan Head #10-9 X.75	6
	NSS	Indicator Dot	1
22	66-U---1--3882	Wire Tie 1/16-1-3/4 Self locking	3
23	12-00433-06RP	Display Module	1
24	66-U---1--5371-7	Screw, Machine Hex Head #10-24 X 0.500	9
25	66-U---1--5321-8	Washer, Plain #10 Type A	9
26	66-U---1--5371-6	Screw, Machine Hex Head #10-24 X 0.750	2
27	AU27JR131	Washer, Lock #10 Ext Tooth	3
28	22-01713-49	Harness	1
29	58-04960-00	Rain Shield	1
30	44-00391-00	Clamp	2
31	79-04046-00	Shield, Hi-Volt Std	1

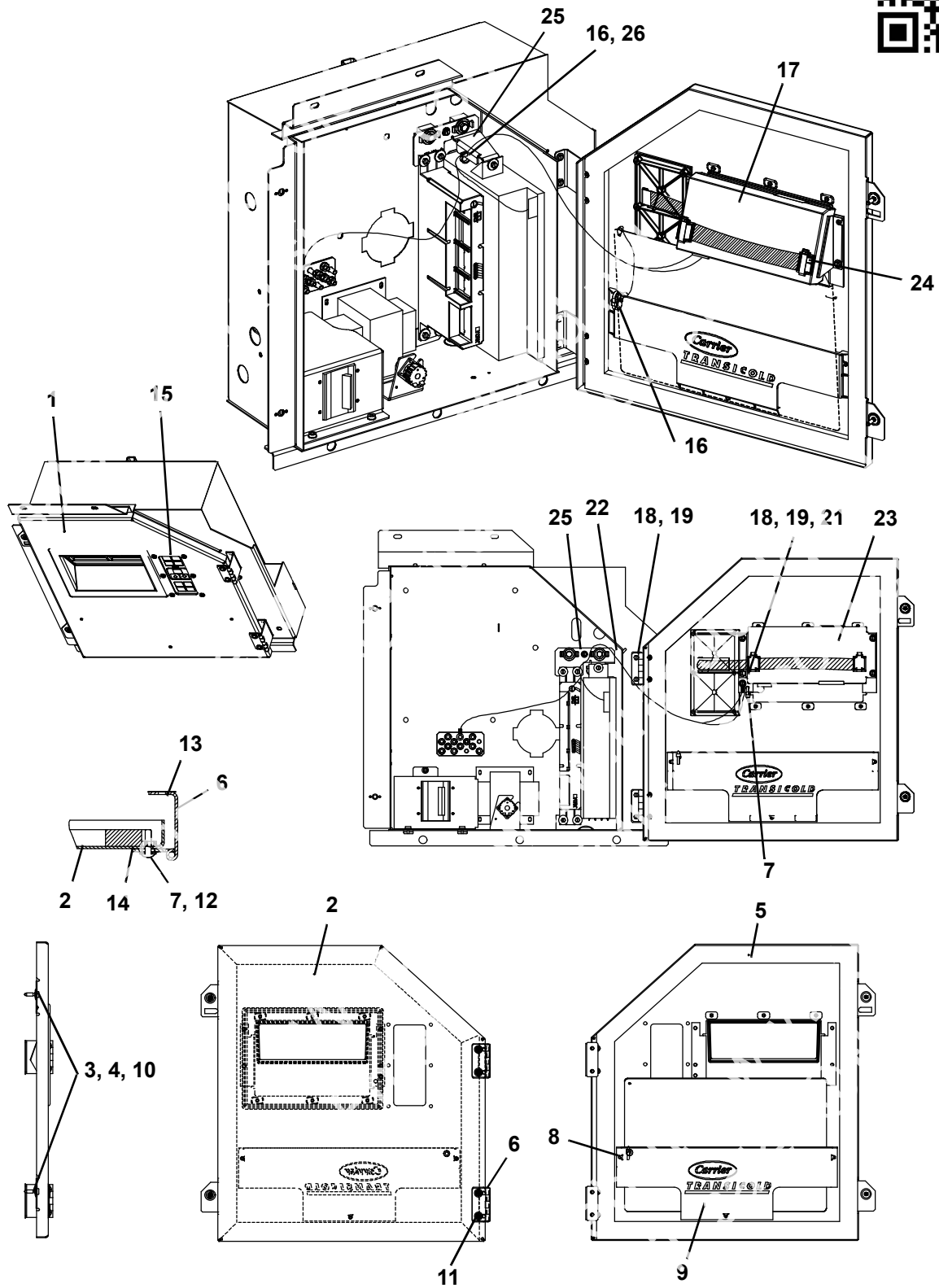
20 Controller Door Kit, Latch



32	79-04047-00	Shield, Low Voltage	
33	66-U---1--2403	Screw, Machine #10-24 X 0.500	
34	44-00473-00	Hinge High Volt Shield	
35	34-00928-20	Rivet, Blind	
36	34-06139-01	Stud 1/4" Retaining	3
37	34-06139-00	Retainer 1/4" Stud	3
38	34-06139-04	Receptacle 1/4" Retaining	3
39	62-03957-04	Decal, Warning High Voltage	1
40	68-17228-00	Bracket	1
41	69NT--35---636-6	Tether Assembly	1
42	68-17298-00	Bracket	1
			77-01664-01



21 Controller Door Kit, Screw



77-01664

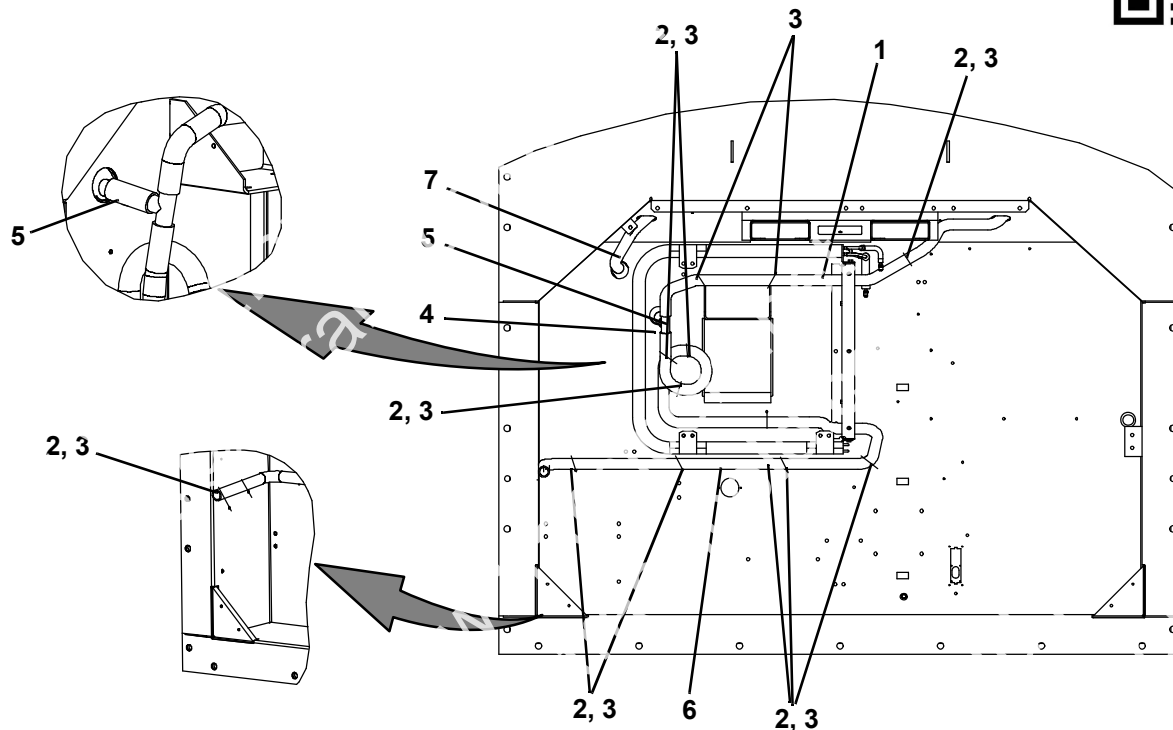
21 Controller Door Kit, Screw



Item	Part Number	Description	
1	79-04018-00	Control Box Door Assembly, Phillips Screw Includes;	
2	86-04987-00	Door, Control Box	
3	66-U---1--6811-12	Screw, Retaining .300-.625 Phillips	
4	34-06169-00	Washer, Retaining 0.185 ID X 0.62 OD	2
5	42-00741-00	Gasket Control Box Door	1
6	44-00477-00	Hinge Staked Pin	2
7	66-U---1--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 X 0.600 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	66-U---1--3282	Wire Tie	3
17	12-00433-03RP	Module 69Ne/Nt Display	1
18	66-U---1--5371-7	Screw, Machine Hex Head #10-24 X 0.500 Sltd	9
19	66-U---1--5321-8	Washer, Plain #10 Type A	9
20	66-U---1--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

77-01664-00

22 Drain



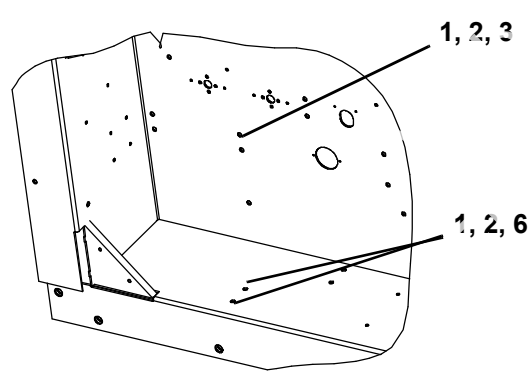
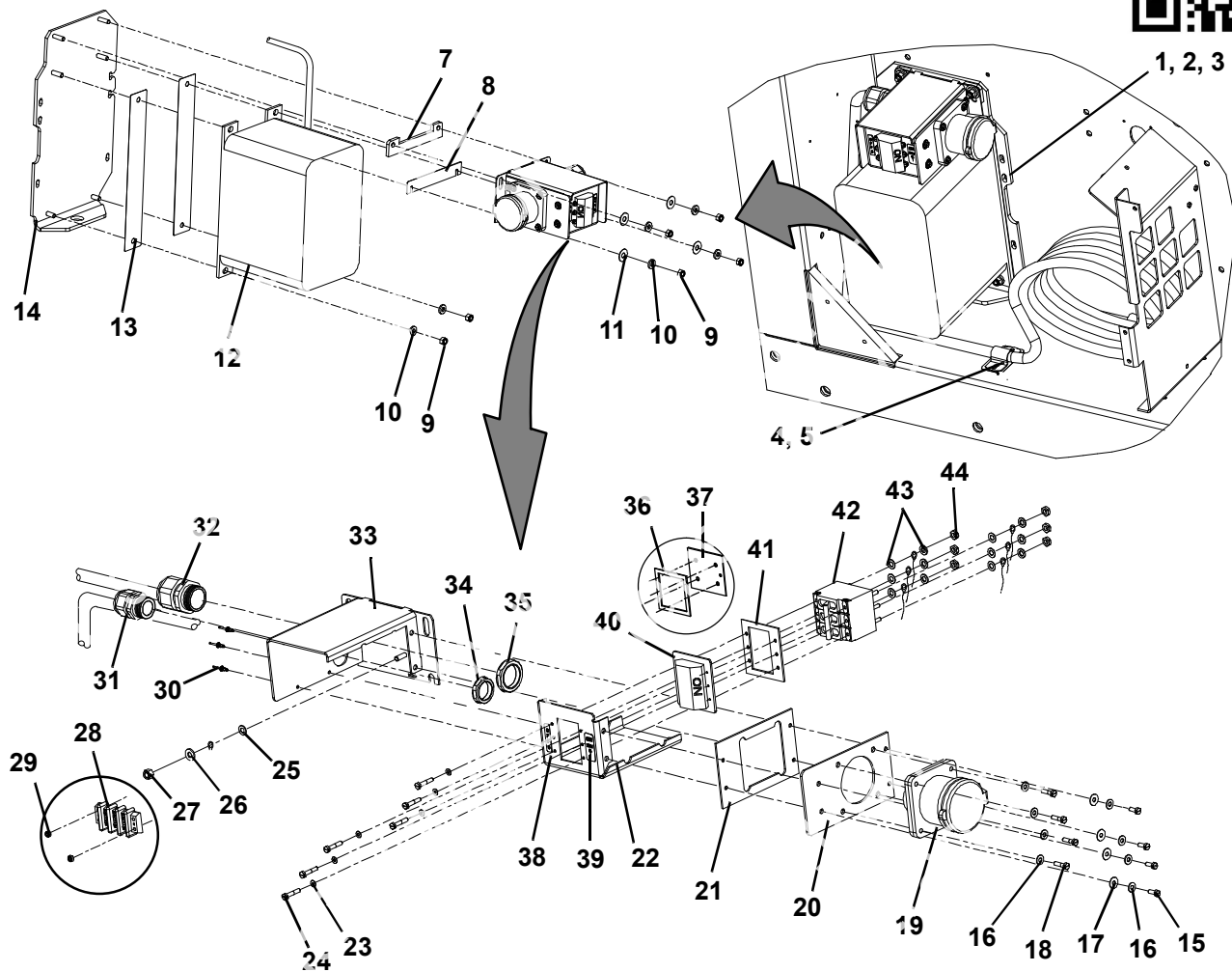
77-01699

Item	Part Number	Description	Qty
1	58-04539-12	Tube, Flexible Std. 44"	1
2	58-04316-00	Base, Mounting .250 Diameter Mounting Hole	11
3	66-U---1--3882	Wire Tie /16-1-3/4 Self locking	13
4	58-04202-02	Tee 1.00 OD Drain	1
5	58-04539-10	Tube, Flexible Std. 3"	1
6	58-04539-13	Tube, Flexible Std. 109"	1
7	58-04539-11	Tube, Flexible Std. 12"	1

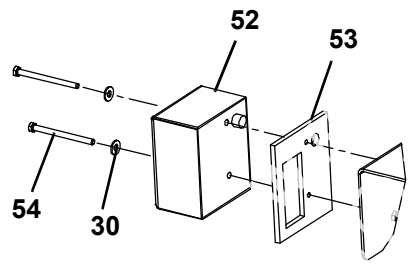
77-01699-00



23 Autotransformer



Autotransformer Provision



Dvm, W/Tbu

23 Autotransformer



Item	Part Number	Description	
STANDARD PARTS INCLUDED IN OPTIONS			
1	66-U---1--5321-7	Washer, Plain, 1/4 W Type A	
2	34-06053-00	Washer, Mylar, 0.250 ID X 0.800 OD	
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	66-U---1--5321-25	Screw, Cap Hex Head 1/4-20 X 0.75	2
AUTOTRANSFORMER WITHOUT CB2			
-	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	69NT--25--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	69NT--40---914-4	Transformer Assembly	1
13	58-04026-17	Protector, 2.00 X 13.0 With Two Holes	2
14	69NT--43---374	Bracket Assembly DV Transformer Module	1
15	66-U---1--5371-7	Screw, Machine, Hex Head, #10-24 X 0.500 Slotted	4
16	66-U---1--5321-8	Washer, Plain #10 Type A	8
17	34-06053-05	Washer 0.205 ID X 0.600 OD	4
18	66-U---1--5371-6	Screw, Machine, Hex Head, #10-24 X 0.750 Slotted	4
19	22-01679-00	Receptacle 32 Amp/Bryant	1
20	69NT--41--892	Cover Assembly Transformer Module, Receptacle	1
21	42-00323-00	Gasket, 0.094 Thick X 3.60 X 5.74	1
22	69NT--43---282	Box Assembly Transformer Module, CB2	1
23	34-06053-10	Washer 0.138 ID X 0.343 OD	4
24	66-U---2--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	66-U---1--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	69NT--43---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
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

23 Autotransformer



AUTOTRANSFORMER WITH CB2			
-	76-00667-03	Transformer Kit, Field Installation, With CB2 - Includes:	
7	58-04026-25	Protector 1.00 X 6.62, With Two Slots	
8	69NT--35--2086	Spacer, 0.25 Thick Aluminum	
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	69NT--40---914-4	Transformer Assembly	1
13	58-04026-17	Protector, 2.00 X 13.0, With Two Holes	2
14	69NT--43---374	Bracket Assembly DV Transformer Module	1
15	66-U---1--5371-7	Screw, Machine, Hex Head, #10-24 X 0.500 Slotted	4
16	66-U---1--5321-8	Washer, Plain #10 Type A	8
17	34-06053-05	Washer 0.205 ID X 0.600 OD	4
18	66-U---1--5371-6	Screw, Machine, Hex Head, #10-24 X 0.750 Slotted	4
19	22-01679-00	Receptacle 32 Amp/Bryant	1
20	69NT--41---892	Cover Assembly Transformer Module, Receptacle	1
21	42-00328-00	Gasket, 0.094 Thick X 3.60 X 5.74	1
22	69NT--43---282	Box Assembly, Transformer Module, CB2	1
23	34-06053-10	Washer, 0.138 ID X 0.343 OD	6
24	66-U---2--1531-3	Screw, Machine, Round Head, #6-32 X 0.375 Inches Long, SST	6
25	AU27JR171	Washer, Lock 1/4 Ext Tooth	1
26	66-U---1--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	69NT--43--270	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	69NT--35--1076	Label, On/Off (0.35 X 1.55)	1
39	69NT--35--1076-1	Label, CB2, 230V On/Off	1
40	66-U---2--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

23 Autotransformer

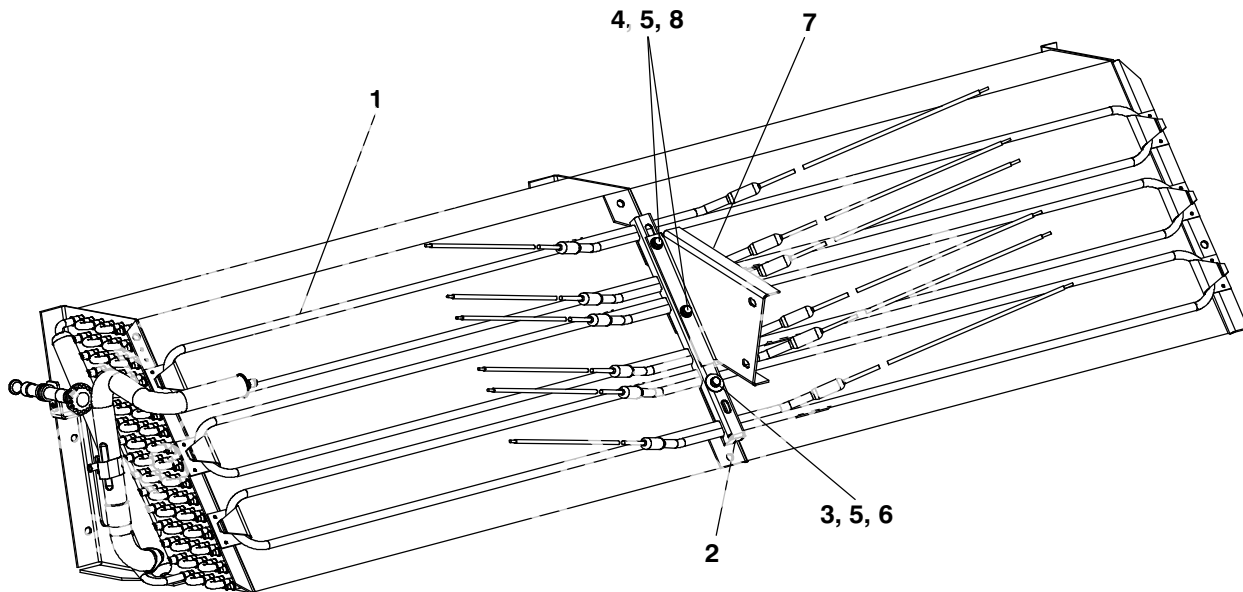
AUTOTRANSFORMER WITH DVM, TBU & CB2



-	76-00667-12	Transformer Kit, Dvm, W/Tbu & Cb2 Field Installation - In	
7	58-04026-25	Protector 1.00 X 6.62, With Two Slots	
8	69NT--35--2086	Spacer, 0.25 Thick Aluminum	
9	34-00667-12	Nut, Self-Locking, 5/16-18	6
10	34-01181-01	Washer, Fiat 0.320/0.330 ID	6
11	34-06053-02	Washer, 0.375 ID X 1.000 OD	4
12	69NT--40---914-4	Transformer Assembly	1
13	58-04026-17	Protector, 2.00 X 13.0, With Two Holes	2
14	69NT- 43---374-1	Bracket Assembly	1
15	66-U---1--5371-7	Screw, Machine, Hex Head, #10-24 X 0.500 Slotted	4
16	66-U---1--5321-8	Washer, Plain #10 Type A	10
17	34-06053-05	Washer 0.205 ID X 0.600 OD	6
18	66-U---1--5371-6	Screw, Machine, Hex Head, #10-24 X 0.750 Slotted	4
19	22-01679-00	Receptacle 32 Amp/Bryant	1
20	69NT--41---892	Cover Assembly Transformer Module, Receptacle	1
21	42-00328-00	Gasket, 0.094 Thick X 3.60 X 5.74	1
22	69NT--43---282	Box Assembly, Transformer Module, CB2	1
23	34-06053-10	Washer, 0.138 ID X 0.343 OD	6
24	66-U---2--1531-3	Screw, Machine, Round Head, #6-32 X 0.375 Inches Long, SST	6
25	AU27JR171	Washer, Lock 1/4 Ext Tooth	1
26	66-U---1--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	69NT--43---270-2	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	69NT--35--1076	Label, On/Off (0.35 X 1.55)	1
46	69NT--35--1076-1	Label, CB2, 230V On/Off	1
47	66-U---2--1531-1	Boot, 2.86 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

77-01699-05

24 Heaters



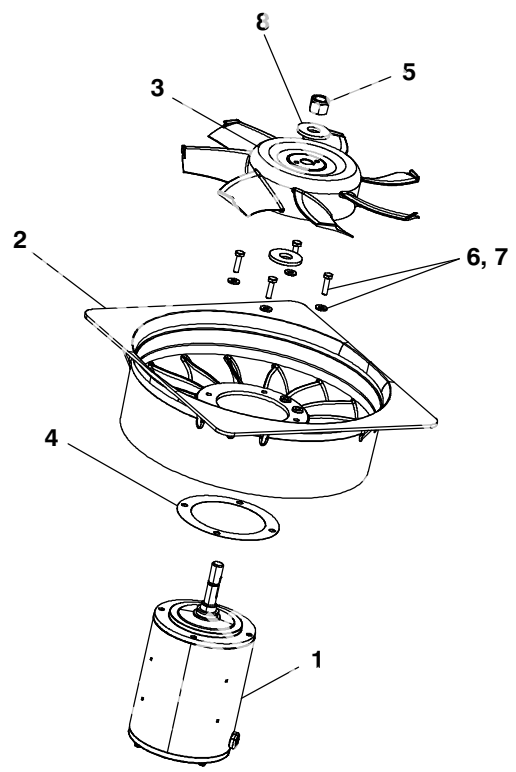
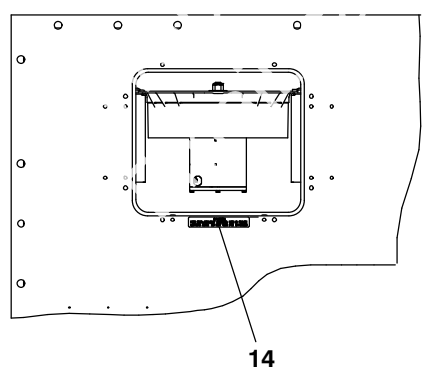
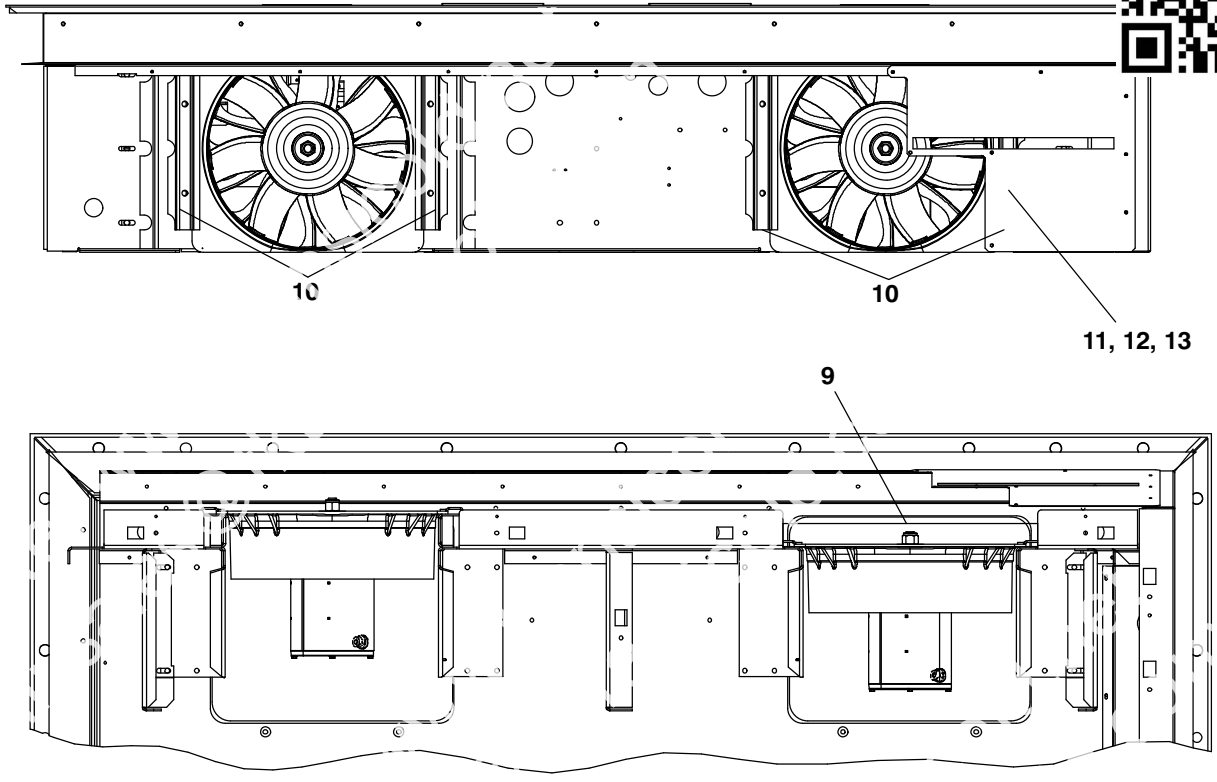
77-01614

Item	Part Number	Description	Qty
1	24-66603-00	Defrost Heater	6
2	86-04956-00	Retainer Assembly	1
3	69NT--35--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	66-U---1--5321-3	Washer, Plain 1/4 N Type A	2

77-01614-00



25 Evaporator Fan and Motor



77-66667

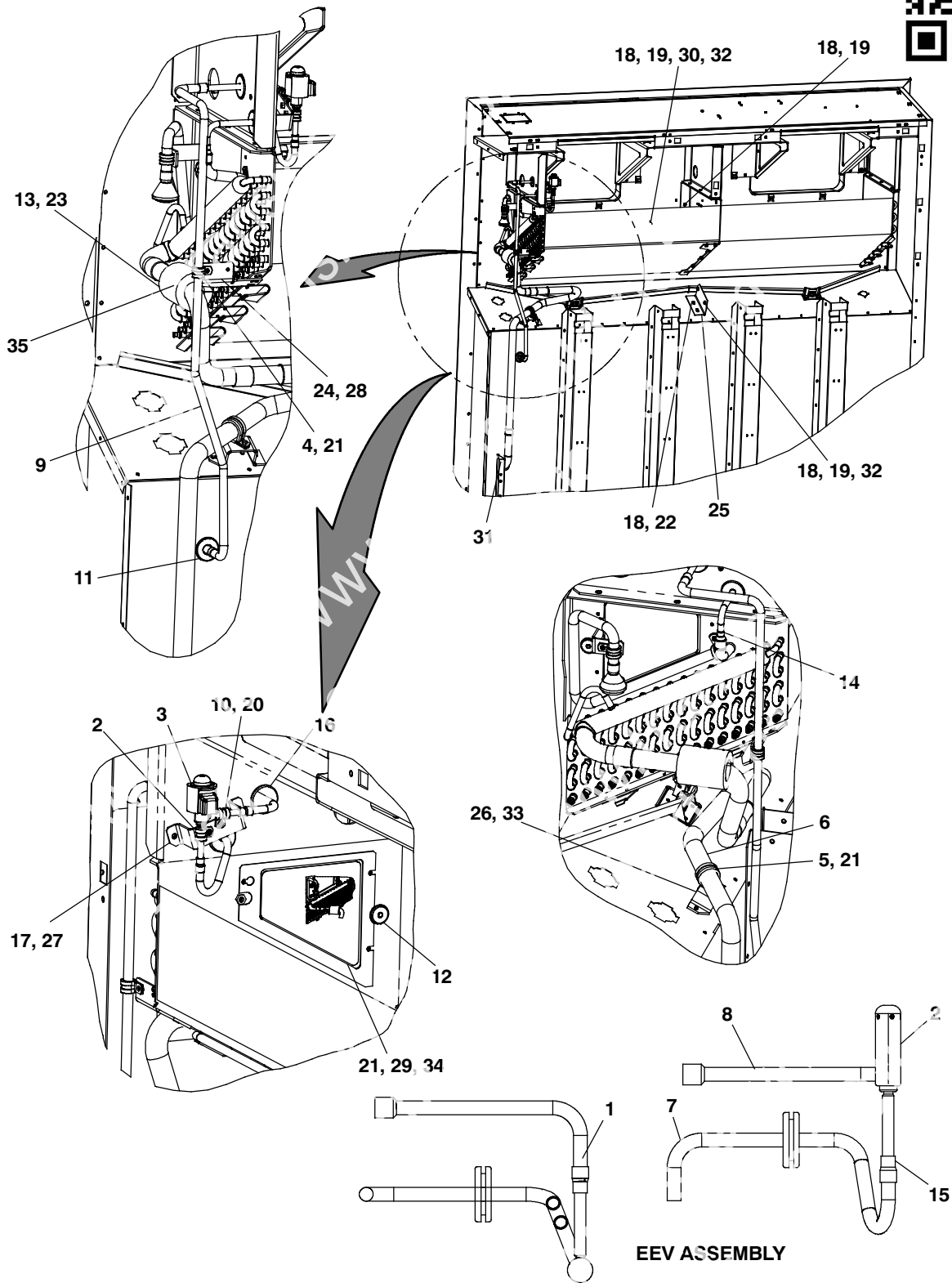
25 Evaporator Fan and Motor



Item	Part Number	Description	
1	54-00648-20	Evaporator Motor	
2	48-00413-01	Stator	
3	38-00599-00	Evaporator Fan	
4	58-04770-00	Protector	2
5	34-00795-17	Nut, Self Lock	2
6	34-06165-08	Screw, Cap Hex Head 1/4-20X1.00	8
7	66-U---1--5321-3	Washer, Plain 1/4 N Type A	8
8	34-00616-06	Washer, Special 5/8, 18-8	4
9	66-U---1--2552-185	Gasket .75 Thick X 1.5X16.63	1
10	69NT--43---295	Bracket Assembly	4
11	34-00655-08	Screw, Cap Hex Head 1/4-20 X 1.00	4
12	34-00663-11	Washer, Lock 1/4 Spring	4
13	69NT--35--2692-1	Washer, Fender 1/4	4
14	62-11602-00	Label Motor	2

77-66667-01, 04

26 Evaporator Tubing and Coil

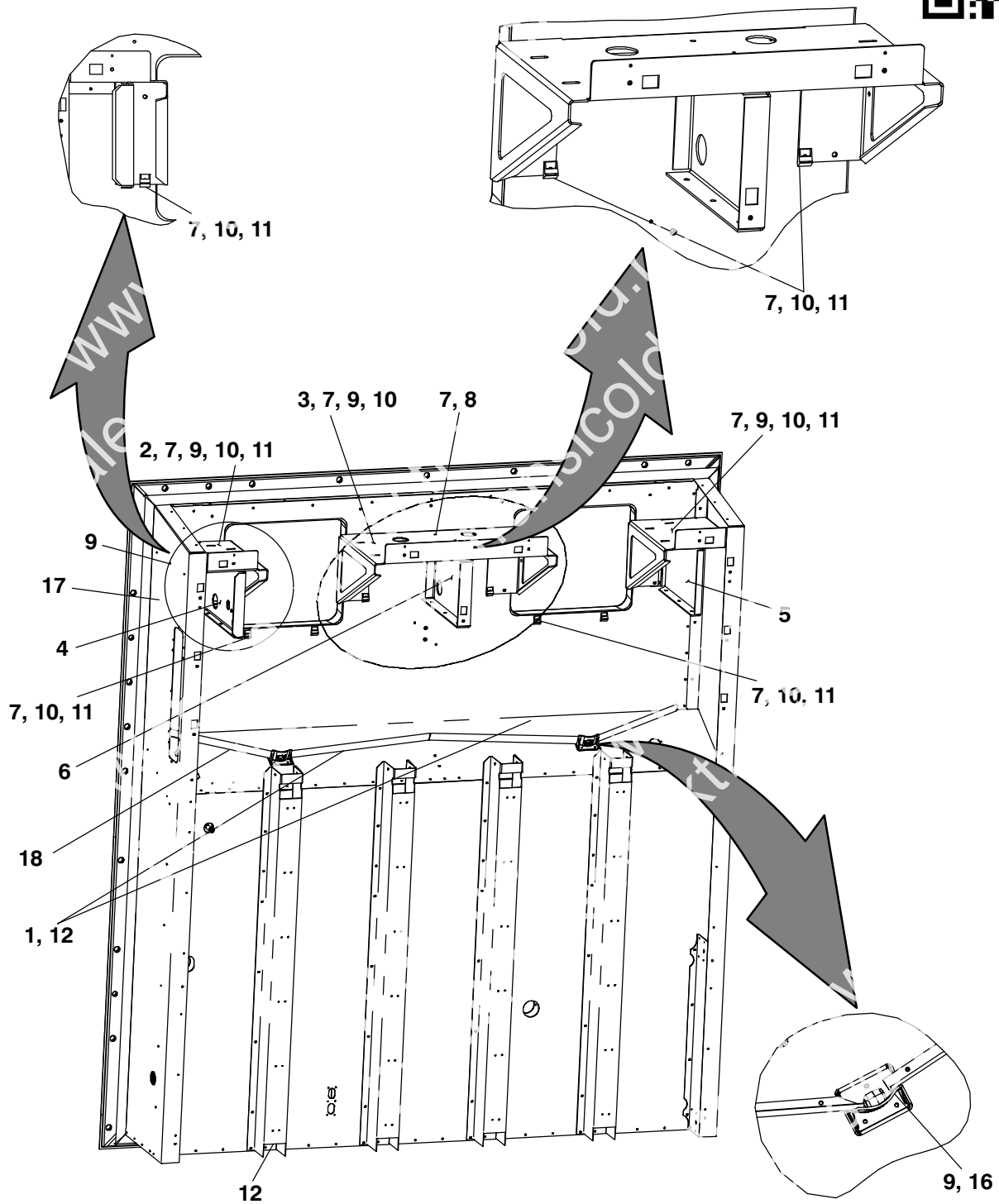


26 Evaporator Tubing and Coil

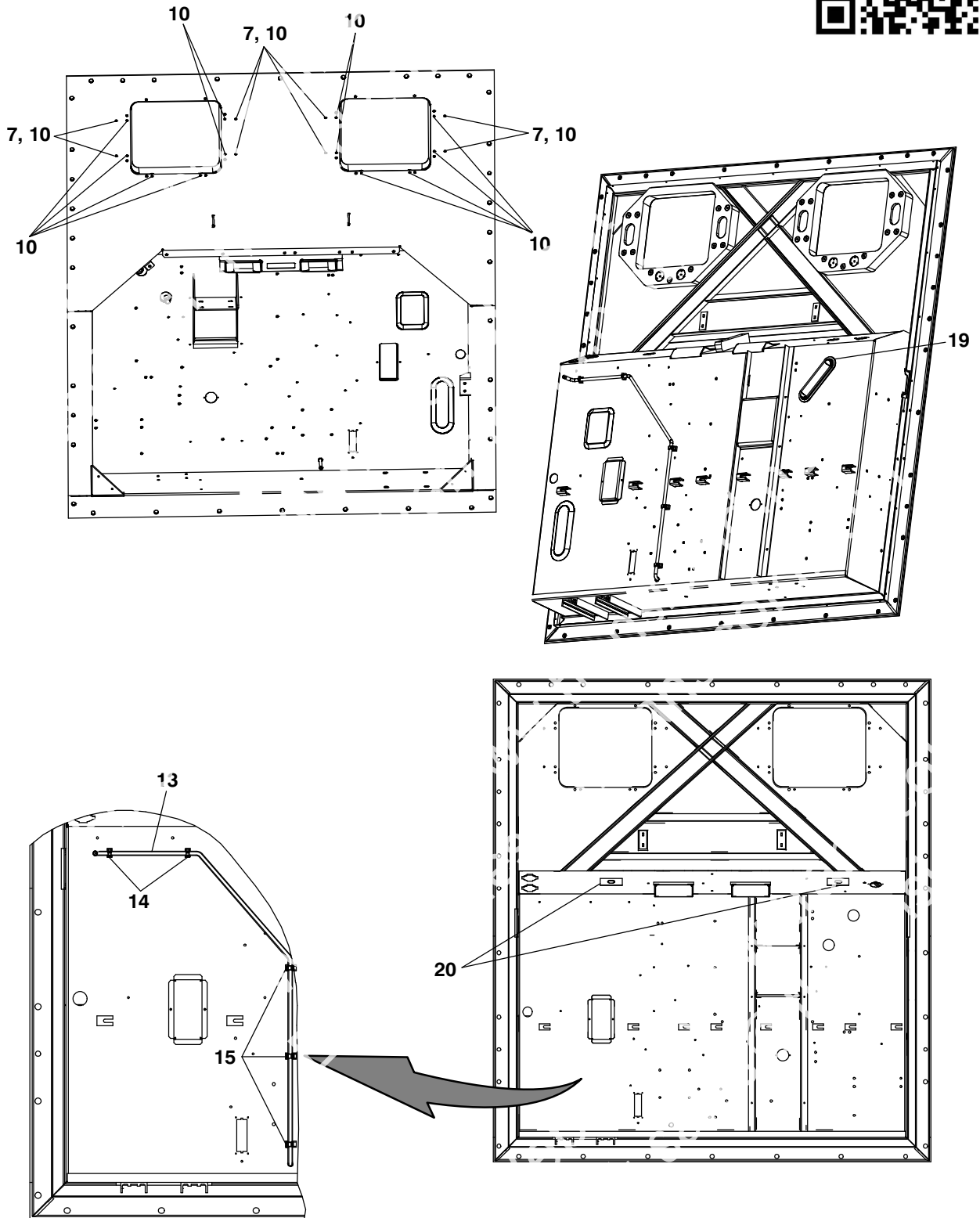


Item	Part Number	Description	
1	14-00176-01	Strainer 100 Mesh, 3/8 OD	
2	14-00393-00SV	Valve, EEV	
3	14-00393-10	Coil, EEV	
2	14-00435-00	Valve, EEV (for PIDs NT2591, NT2751, NT2756, NT2771, NT2806)	1
3	14-00435-10	Coil, EEV (for PIDs NT2591, NT2751, NT2756, NT2771, NT2806)	1
4	44-00370-03	Clamp, Cushioned	1
5	44-00370-08	Clamp, Cushioned	1
6	56-09195-00	Tube, Suction 1-1/8 OD X .050	1
7	56-09141-00	Tube 3/8 OD X .028	1
8	56-09087-00	Tube, Liquid 3/8 OD X .028	1
9	56-09160-00	Tube, Liquid .500 OD X .035	1
10	34-00373-52	Clamp, Tube	2
11	58-00065-56	Grommet Neoprene	1
12	58-00065-46	Grommet	1
13	42-00425-109	Insulation, Tube Pre-Taped	1
14	40-66629-00	Bushing 5/8 X 3/8	1
15	40-66628-03	Coupling 3/8C X 5/16	2
16	58-00065-91	Grommet	2
17	66-U---1--5371-6	Screw, Machine Hex Head #10-24 X 0.750 Sltd	2
18	66-U---1--5321-3	Washer, Plain 1/4 N Type A	15
19	66-U---1--5361-25	Screw, Cap Hex Head 1/4-20 X 0.75	13
20	66-U---1--5371-7	Screw, Machine Hex Head #10-24 X 0.500	2
21	66-U---1--5381-1	Screw, Hex Head #10-24 X .75L	5
22	34-06269-12	Screw, Lag 1/4-10 X 1.50 Hex Head	2
23	66-U---1--3882-3	Wire Tie	2
24	66-U---1--5381-3	Screw, Hex Head Sltd #10-24 X0.63L	2
25	68-16893-00	Bracket	1
26	68-17190-00	Bracket	1
27	68-16892-00	Bracket	1
28	68-16715-00	Bracket	1
29	68-17089-00	Plate, Cover	1
30	74-66674-00	Install Kit for Evaporator Coil Assembly (PIDs < 8000) - Includes:	1
	81-04186-20	Evaporator Coil Assembly	1
	81-04266-00	Evaporator Coil Assembly (PrimeLINE ONE, PIDs ≥ 8000)	1
31	42-00183-08	Trim, Flexible	1
32	34-00663-11	Washer, Lock 1/4 Spring	11
33	34-00928-09	Rivet, Blind	2
34	62-11750-00	Label Sensor Replacement	1
35	12-00500-01SV	Sensor, Evaporator (ETS1 & ETS2)	1

27 Frame Kit



77-01690



77-01690

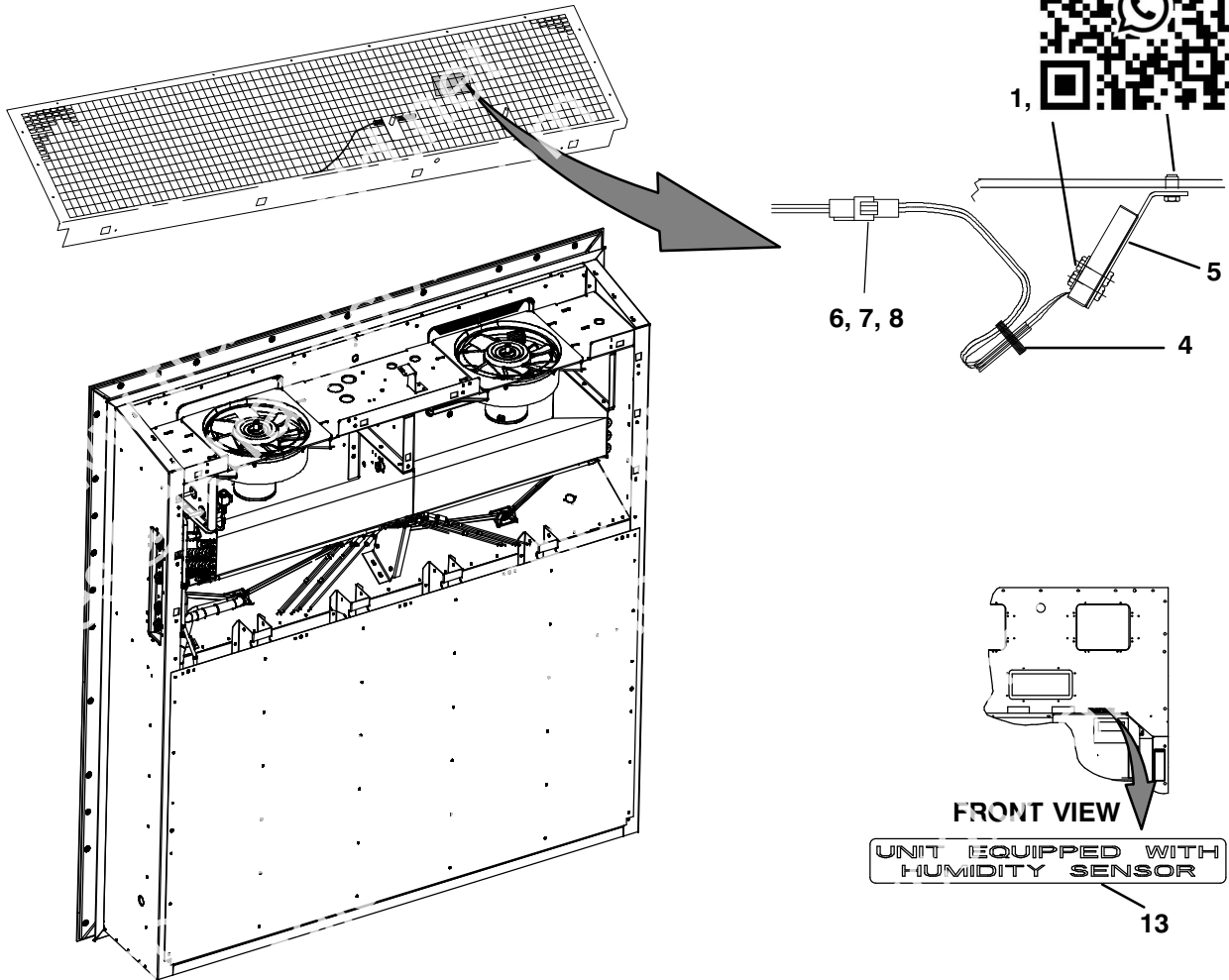
27 Frame Kit



Item	Part Number	Description	
1	68-17345-00	Gutter	
2	68-16696-00	Fan Deck	
3	68-17419-00	Fan Deck Assembly	
	68-17419-01	Fan Deck Assembly (No Extend Fresh Option)	1
4	68-16891-00	Panel	1
5	68-16767-00	Panel Assembly	1
6	68-17145-00	Panel Assembly	1
7	66-U---1--5321-3	Washer, Plain 1/4 N Type A	35
8	66-U---1--5361-25	Screw, Cap Hex Head 1/4-20 X 0.75	9
9	34-00928-09	Rivet, Blind	19
10	34-00655-10	Screw, Cap Hex Head 1/4-20 X 1.25	32
11	69NT--35--2692-1	Washer, Fender 1/4	11
12	34-00928-07	Rivet, Blind	159
13	58-09065-00	Tube, Liquid	1
14	44-66608-00	Clip, Retaining	2
15	44-66608-01	Clip, Retaining	3
16	58-04968-00	Fitting Drain Tube, 45 Degree	2
17	68-17201-00	Channel .063 Thick Aluminum	1
18	68-17188-00	Gutter .040 Thick Aluminum	1
19	58-04990-00	Fitting Drain	1
20	42-00570-00	Gasket	2

77-01690-00, 02

28 Humidistat Kit

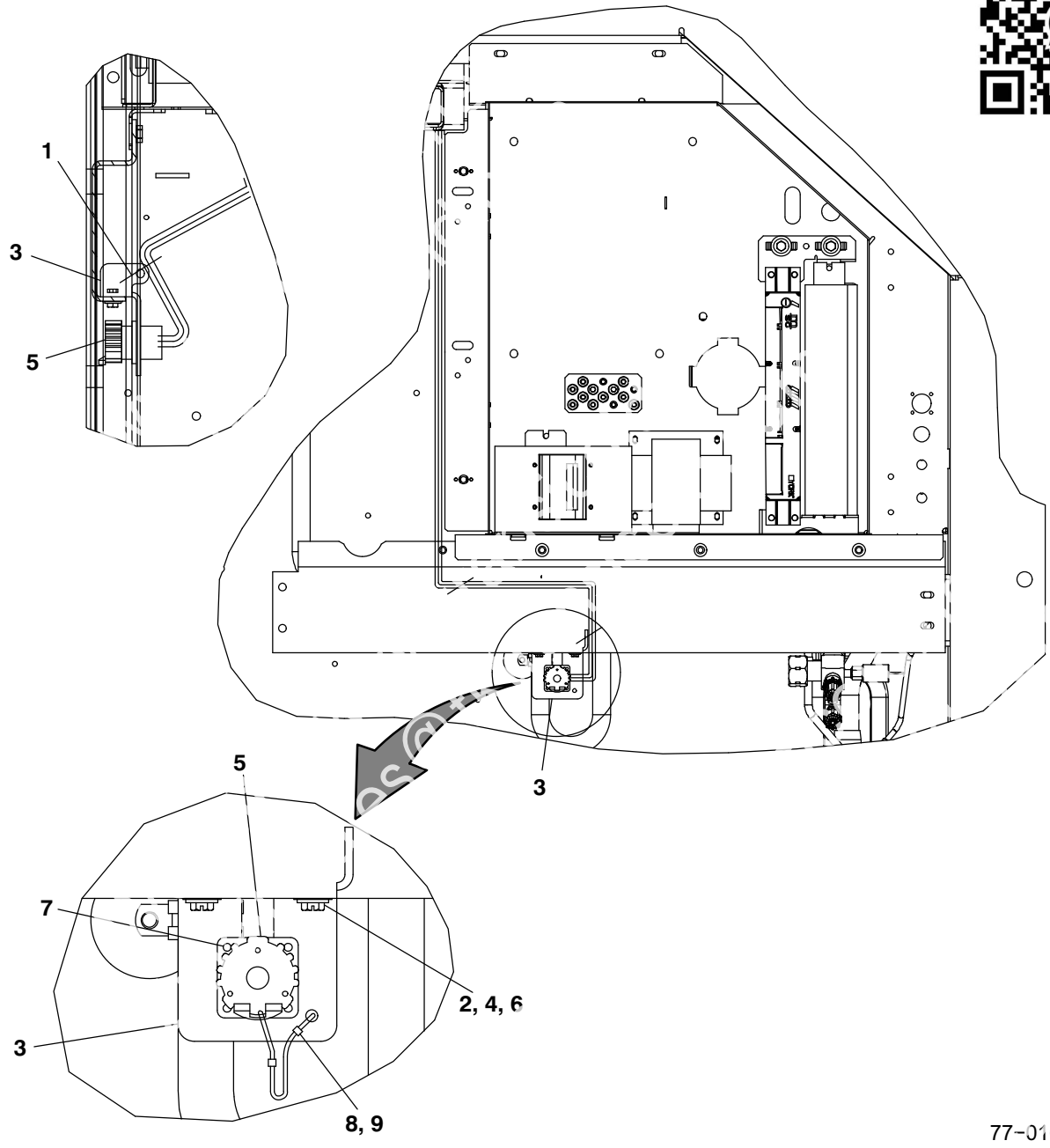


77-01009

Item	Part Number	Description	Qty
1	12-00686-00	Humidity Sensor	1
2	66-U---1--5371-10	Screw, Machine Hex Head #10-24 X 1.00	4
3	66-U---1--5321-8	Washer, Plain #10 Type A	4
4	66-U---1--3882	Wire Tie	1
5	68-13181-01	Bracket Assembly Humidity Sensor	1
6	22-01613-06	Plug 3 Pin	1
7	22-01613-07	Lock, Secondary 3 Pin (P)	1
8	22-01613-13	Contact Socket	3
9	AU27JR131	Washer, Lock #10 Ext Tooth	2
10	34-06051-32	Rivnut	2
11	66-U---1--5371-7	Screw, Machine Hex Head #10-24 X 0.500	2
12	66-U---1--5321-7	Washer, Plain 1/4 W Type A	2
13	69NT--35--3907	Label Humidity Sensor	1

77-01009-11

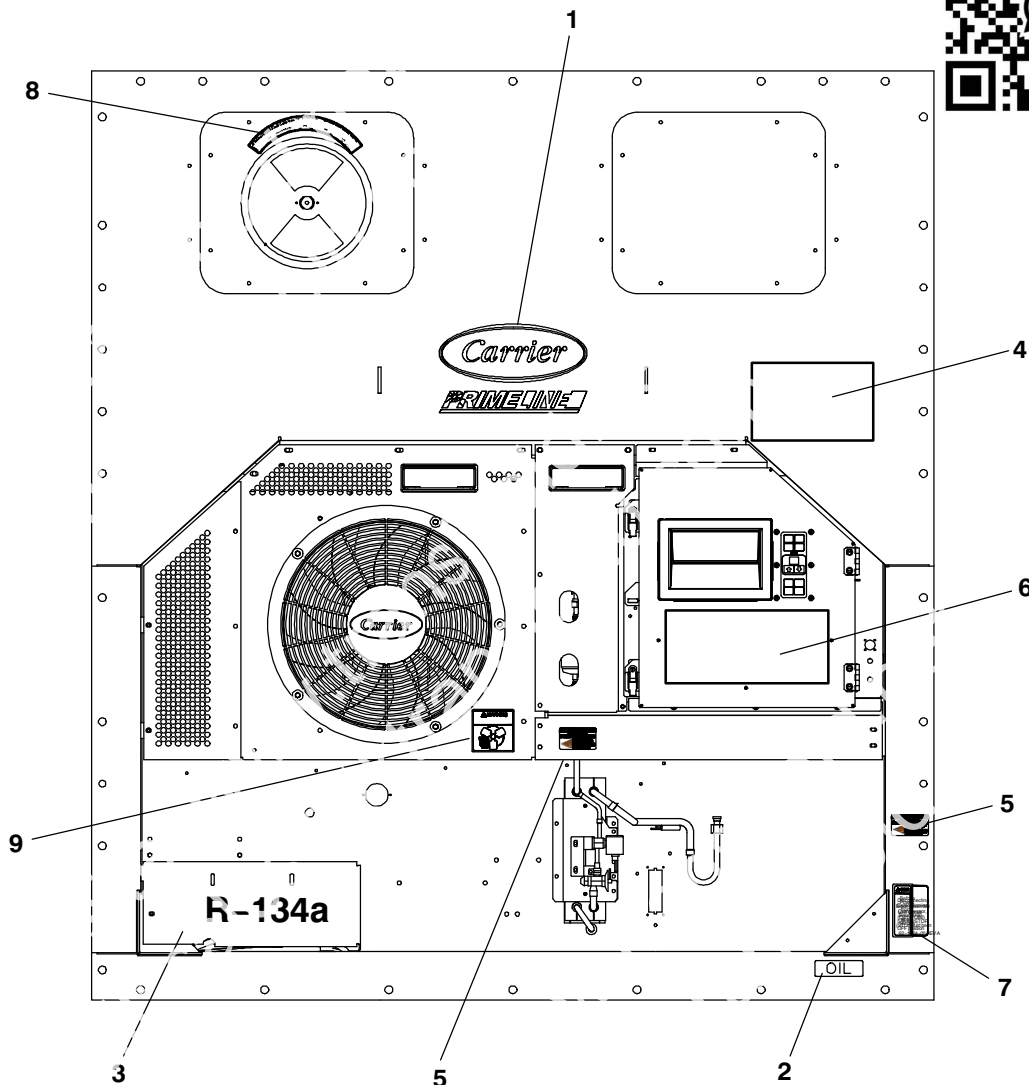
29 Interrogator Receptacle



77-01608

Item	Part Number	Description	Qty
1	66-U---1--3882	Wire Tie 1/16-1-3/4	4
2	66-U---1--5321-8	Washer, Plain #10 Type A	2
3	68-17021-00	Bracket	1
4	66-U---1--5371-7	Screw, Machine Hex Head #10-24 X 0.500	2
5	22-01660-05	Dust Cap	1
6	34-06053-05	Washer .205 ID X .600 OD	2
7	34-06142-00	Rivet	4
8	58-01097-00	Cord, Nylon	1
9	22-02205-00	Connector	2

77-01608-01

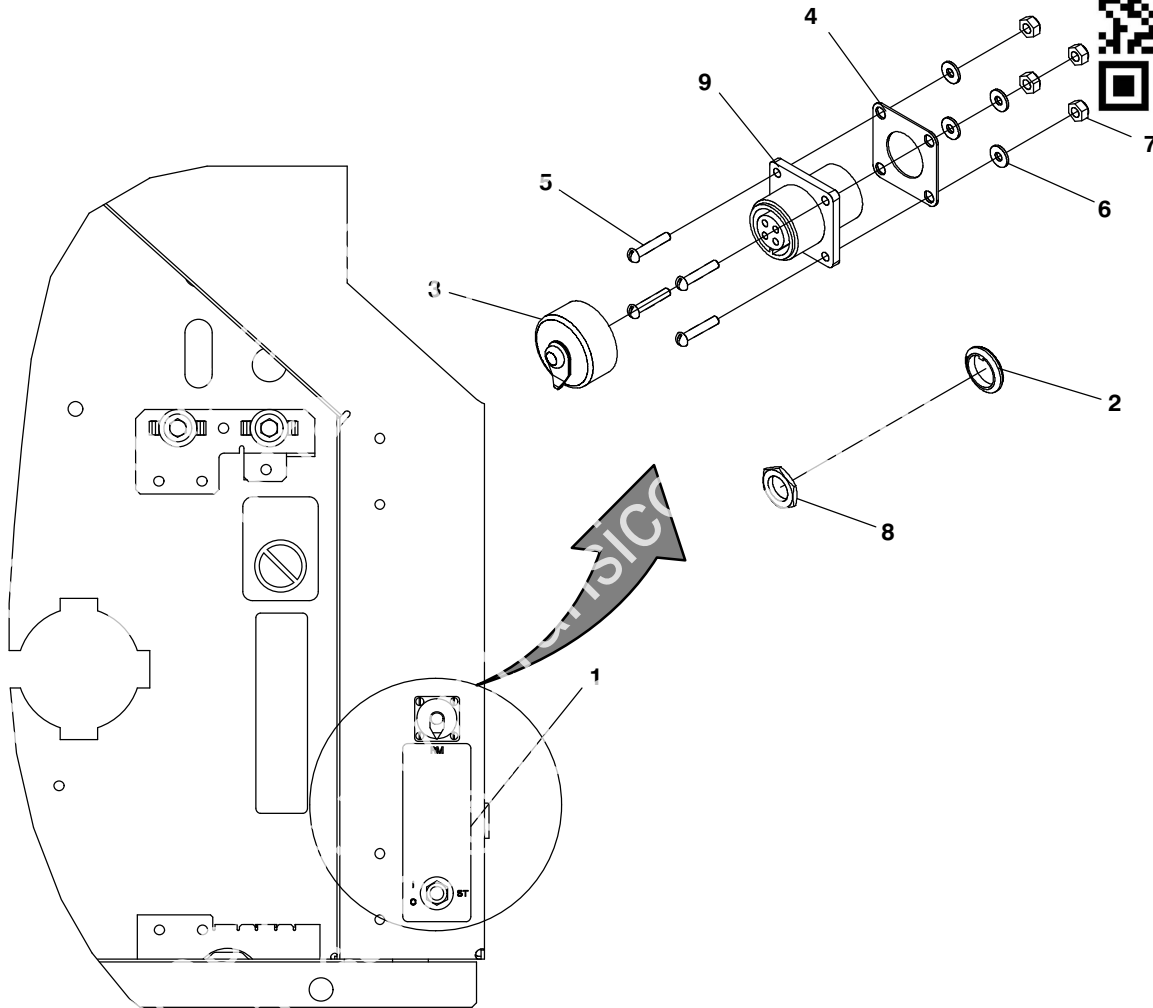


77-01691

Item	Part Number	Description	Qty
1	62-11424-00	Label, Carrier	1
2	62-11263-02	Label, Poe Compressor Oil	1
3	62-11252-00	Label, R-134A	1
4	62-66682-01	Label, Pti	1
5	62-66081-00	Label, Warning Refrig (R-134A)	2
6	62-11739-00	Label, Code-Ctn (English)	1
	62-11739-03	Label, Code-Ctn (English, Traditional Chinese)	1
	62-11739-04	Label, Code-Ctn (English, Traditional Chinese, Japanese)	1
7	62-11264-01	Label, Compressor Warning	1
8	62-02723-21	Label Upper Fresh Air	1
9	62-11735-04	Label Fan Warning	1

77-01690-00, 03, 04, 05

31 Panel Kit

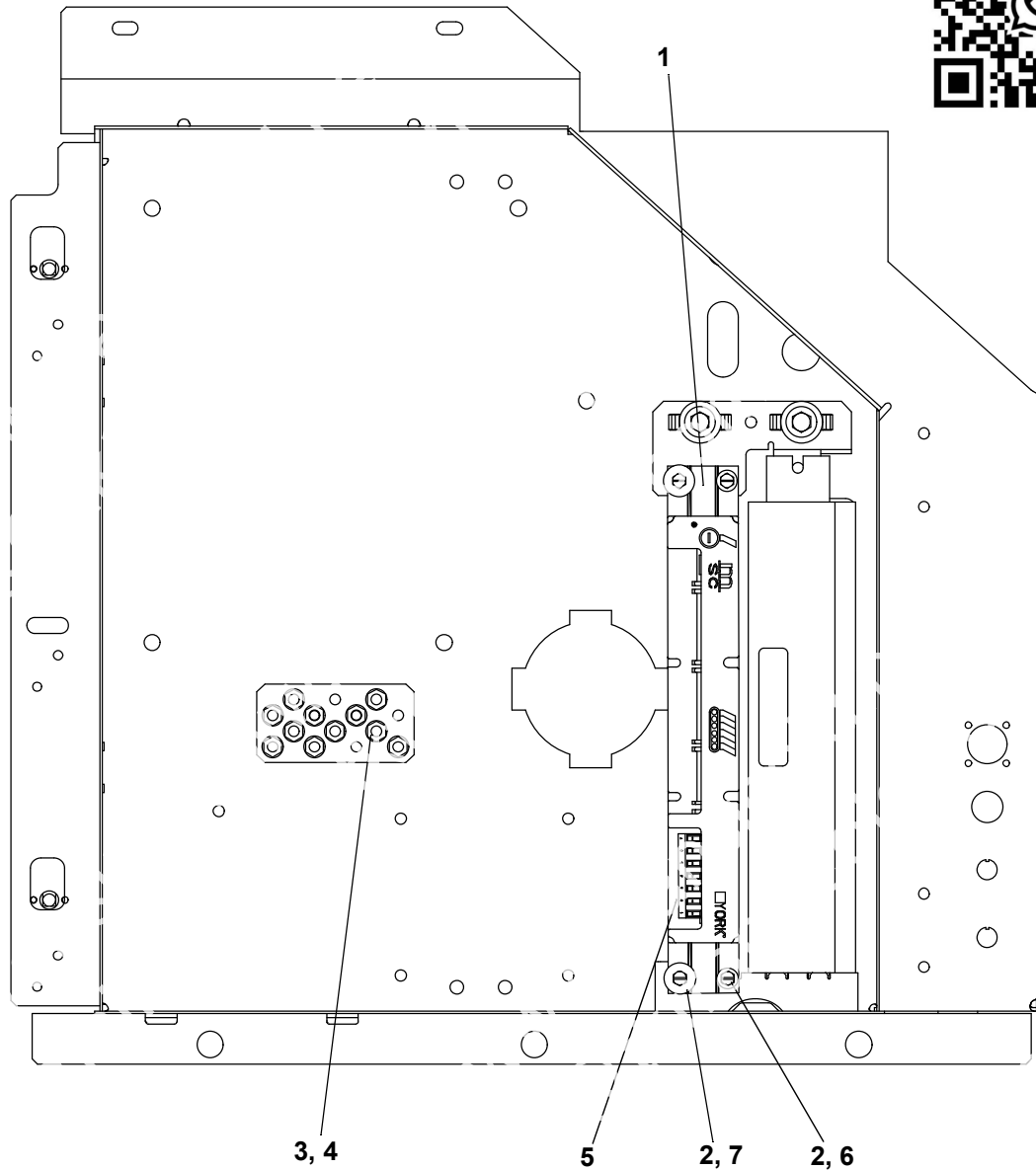


77-01716

Item	Part Number	Description	Qty
1	62-11731-01	Label St, Rm/Switch	1
2	66-U---1--9752	Seal	1
3	22-02341-01	Cap & Tether Receptacle Assembly	1
4	MS510074	Gasket	1
5	34-00848-10	Screw, Machine	4
6	66-U---1--5321-6	Washer, Plain .125 ID Type A	4
7	34-00667-05	Nut, Self Lock	4
8	10-01129-20	Nut, Hex 15/32-32	1
9	22-01604-00	Receptacle 4 Connections	1
NO RM RECEPTACLE			
1	62-11731-00	Label St, Rm/Switch	1
2	66-U---1--9752	Seal	1
8	10-01129-20	Nut, Hex 15/32-32	1

77-01716-00, 01

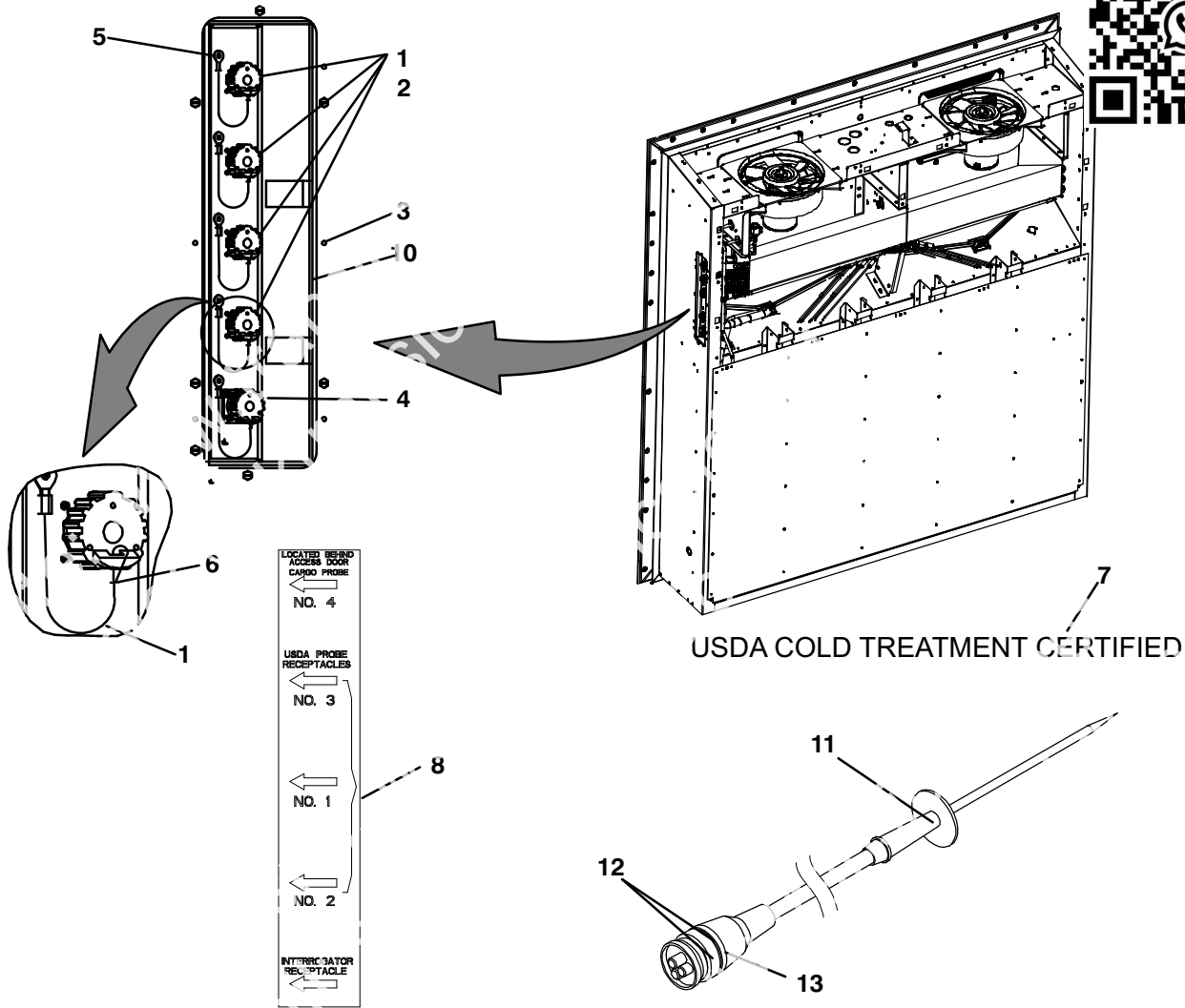
32 Remote Monitoring Unit (RMU) Kit



77-01517

Item	Part Number	Description	Qty
1	12-00573-03SV	RMU Module	1
2	66-U---1--5371-7	Screw, Machine Hex Head #10-24 X .500	4
3	AT39JA171	Nut, Hex 43834	2
4	AU27JR171	Washer, Lock 1/4 Ext Tooth	2
5	22-01556-00	Connector	1
6	66-U---1--5321-8	Washer, Plain #10 Type A	2
7	69NT--35--2692-4	Washer, Fender #10-.743-.765 OD	2
8	58-00079-01	Sta-Strap	4

77-01517-00

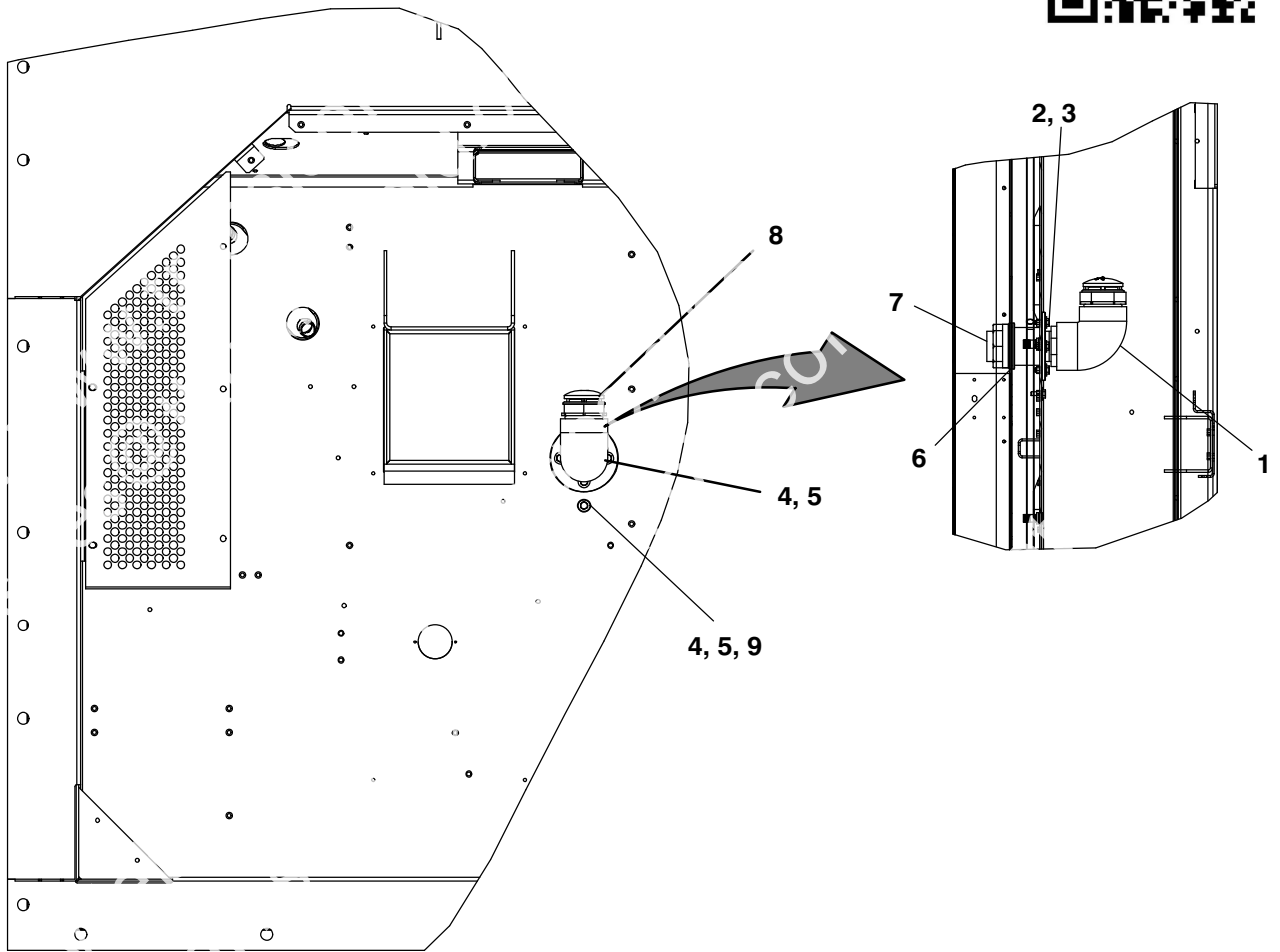


77-01651

Item	Part Number	Description	Qty
1	69NT--35---636-1	Tether Assembly	5
2	22-01660-02	Cap, Dust, (3-Pin Receptacle)	4
3	66-U---1--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	66-U---1--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

77-01651-00

34 Vacuum Relief Valve

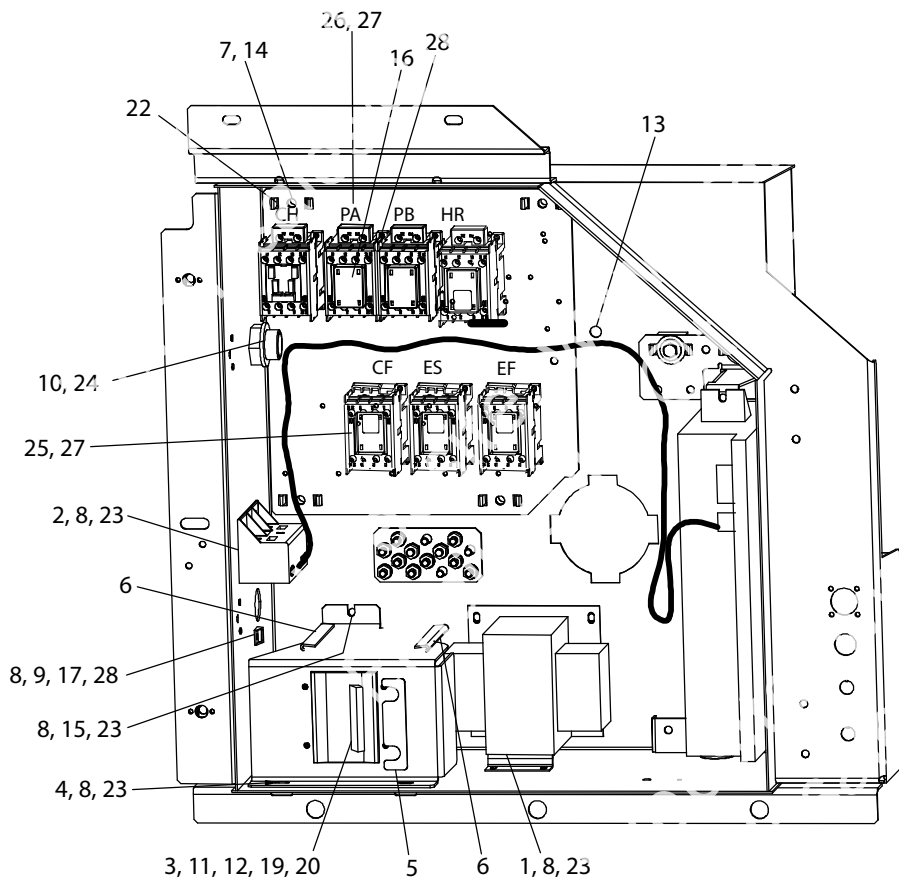
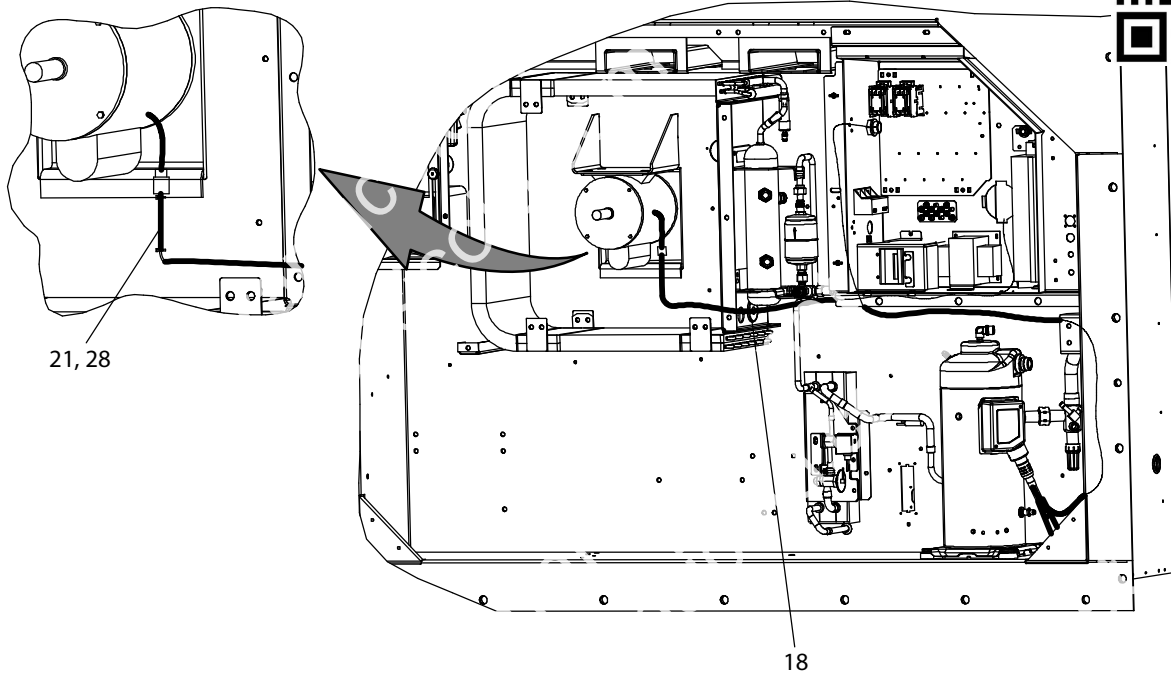


77-01742

Item	Part Number	Description	Qty
1	58-04127-06	Elbow, Schedule 80	1
2	58-04127-00	Tube, Flanged, Plastic	1
3	58-04127-07	Collar	1
4	66-U---1--5321-7	Washer, Plain, 1/4	A/R
5	66-U---1--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
8	40-66615-00	Vacuum Relief Valve	1
9	34-06053-00	Washer, Plain, 0.25 ID X 0.80 OD	8

77-01742

35 Wiring Kit



77-01665

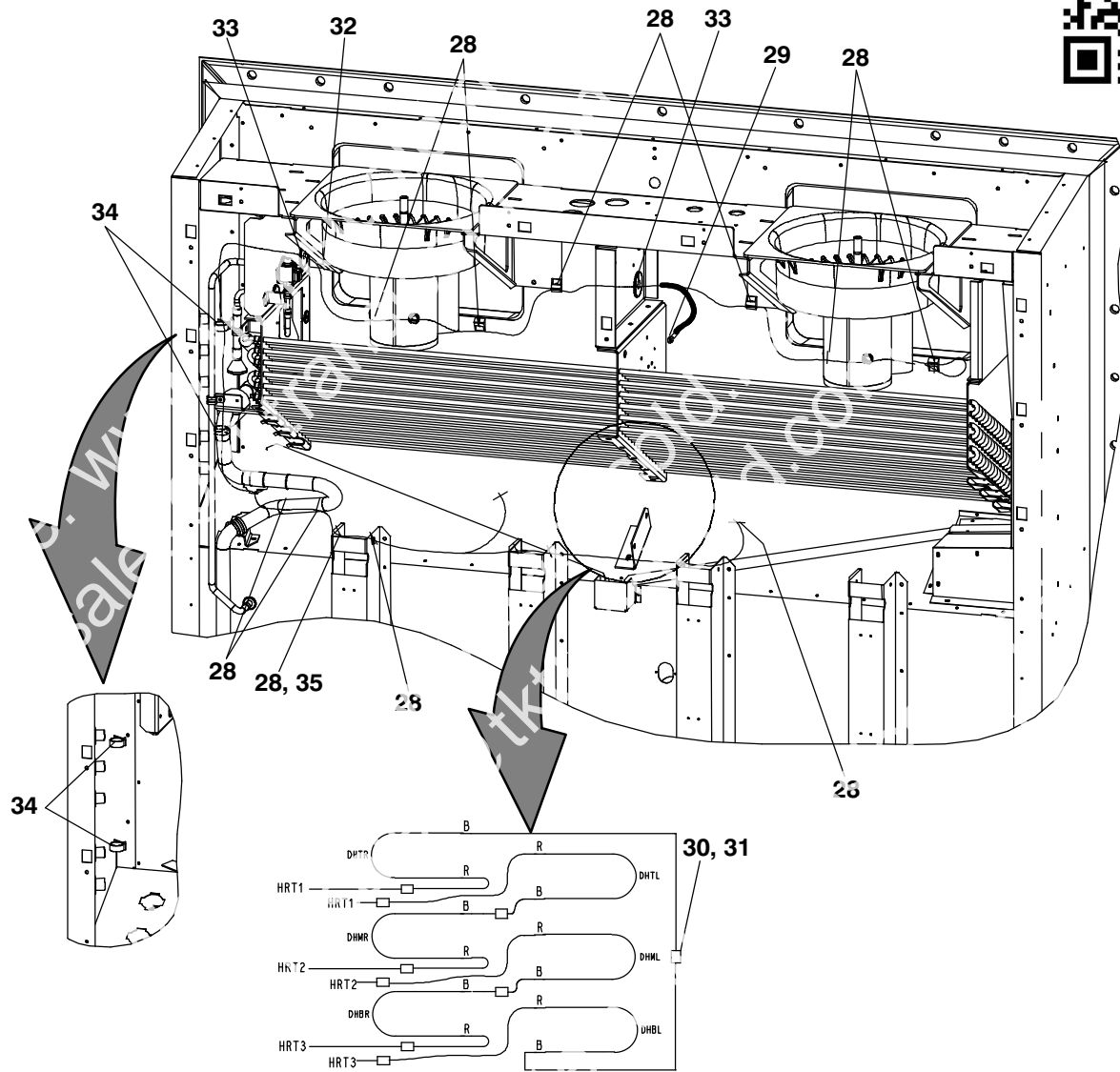
35 Wiring Kit



Item	Part Number	Description	
1	10-00332-21SV	Transformer	
2	10-00439-01	Transformer, Current Sensing	
3	66-U---1--7842-12	Circuit Breaker 3 Pole, 600 Volt	
4	68-17405-00	Bracket	1
5	69NT--35--9073-1	Label CB1	1
6	66CH---1--1172-23	Trim, Flexible 6.00 Long	2
7	34-00655-02	Screw, Cap Hex Head 1/4-20 X 1.00	4
8	66-U---1--5371-7	Screw, Machine Hex Head #10-24 X 0.500	12
9	34-00663-09	Washer, Lock #10 Spring	1
10	66-U---1--7352-3	Connector Straight	1
11	66-U---1--6651-19	Screw, Machine Pan Head #6-32	4
12	34-00663-07	Washer, Lock #6 Spring	4
13	34-00655-04	Screw, Cap Hex Head 1/4-20 X 0.50	1
14	66-U---1--5321-7	Washer, Plain 1/4 W Type A	4
15	34-06053-14	Washer	1
16	10-00431-11	Cover Contactor	2
17	58-04246-00	Ty-Rap Base	1
18	58-00065-93	Grommet	1
19	66-U---1--7842-6	Nut, Hex	6
20	66-U---1--7842-7	Washer, Flat #10-32	12
21	58-00848-12	Tube, Slit 1/2 ID X 27 Lg Corr	1
22	58-00967-00	Spacer Locking (Sub-panel)	4
23	66-U---1--5321-8	Washer, Plain #10 Type A	11
24	66-U---1--1251-2	O-Ring 3/4 Hub Sealing	1
25	10-00431-00	Contactor 12 Amp (HR, CF, ES, EF)	4
26	10-00431-01	Contactor 30 Amp (PA, PB, CH)	3
27	10-00431-08	Contactor Cover	7
28	10-00392-20	Interlock Contactor	

77-01655-00

35 Wiring Kit



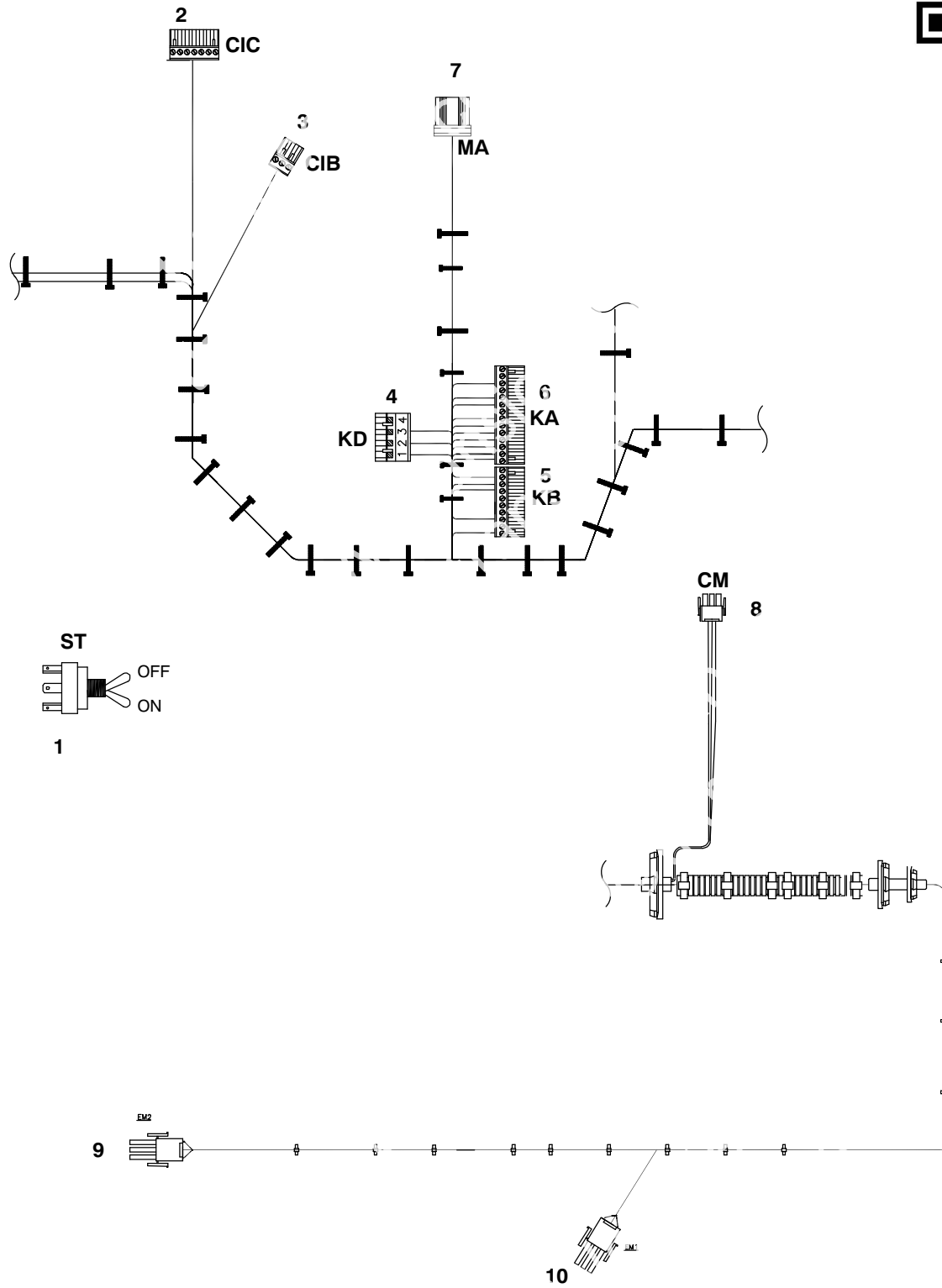
77-01665

Item	Part Number	Description	Qty
28	66-U---1--3882	Wire Tie 1/16-1-3/4 Self locking	44
29	34-01178-22	Screw, Hex Head #8-32 X .50L	1
30	66-U---1--3803	Tube, Heat Shrink .25 X 2.12 Blk	12
31	22-01292-02	Butt Splice	12
32	66CH---1--1172-2	Trim, Flexible 2.00 Lg	1
33	58-04273-00	Grommet	2
34	44-00361-00	Clip, Retaining	5
35	66CH---1--1172-32	Trim, Flexible 2.25 Long	6

77-01655-00



36 High Voltage Harness



77-00438

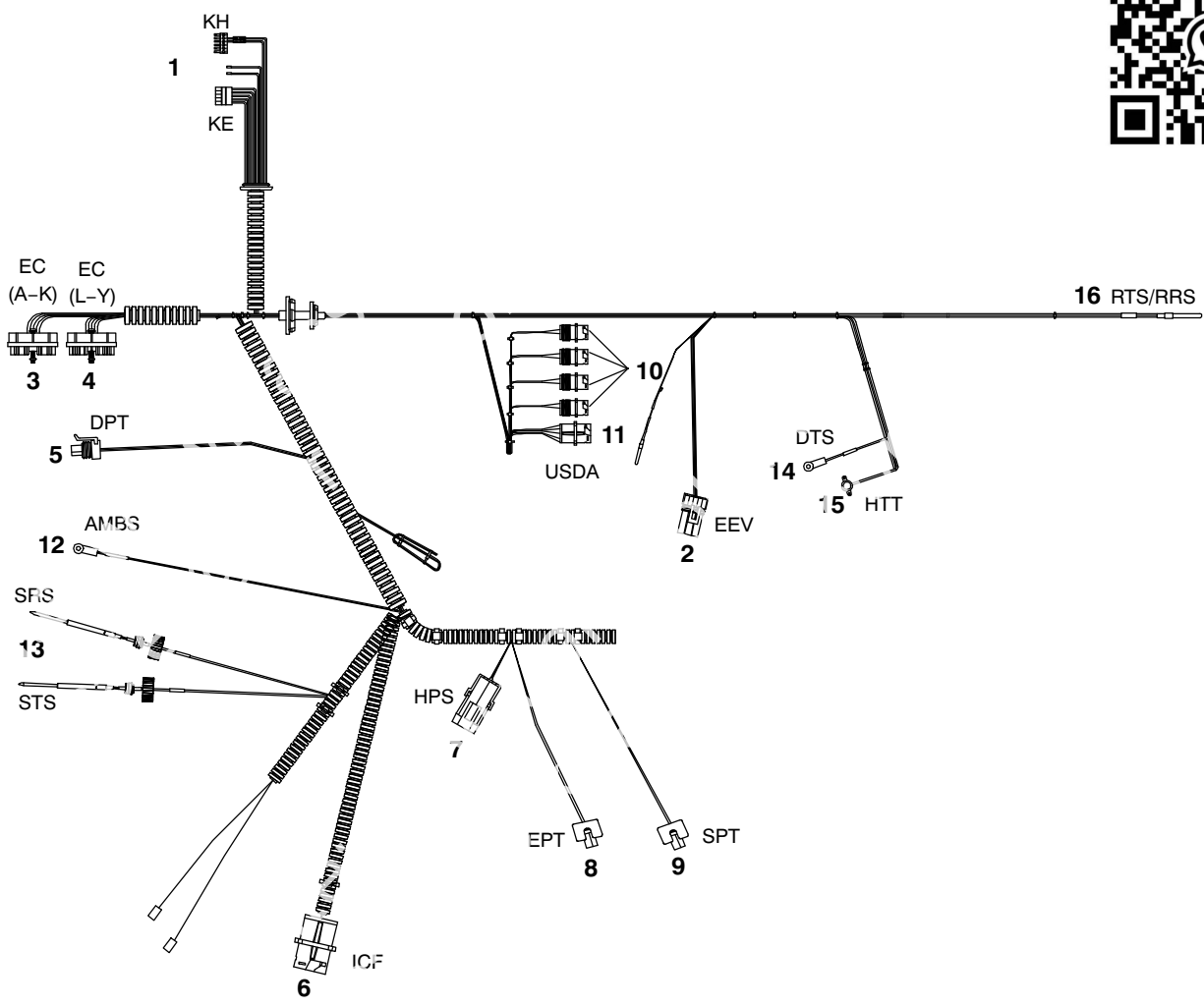
36 High Voltage Harness



Item	Part Number	Description	
1	10-01129-11	Switch, Toggle, Start/Stop (ST)	
	91-00438-08	High Voltage Harness - Includes:	
2		CIC - Includes:	
	22-01556-06	Block	
	22-02324-09	Terminal	
3		CIB - includes:	
	22-01556-04	Block	1
4		KD - Includes:	
	22-04031-00	Block	1
	22-04032-00	Terminal	4
5		KB - Includes:	
	22-01556-01	Block	1
	22-01735-00	Terminal	5
6		KA - Includes:	
	22-01556-02	Block	1
	22-01735-00	Terminal	10
7		MA - Includes:	
	22-01622-01	Block	1
	22-01622-03	Terminal	5
8		Condenser Fan Motor (CM) - Includes:	
	22-01997-12	Plug CM	1
	22-01997-06	Terminal	4
	22-01997-08	Sealing Plug	3
	22-01997-13	Wire Seal	1
	22-01997-14	Interface Seal	1
9		Evaporator Fan Motor 2 (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
10		Evaporator Fan Motor 1 (EM1) - Includes:	
	22-01997-20	Plug, EM1	1
	22-01997-06	Terminal	5
	22-01997-08	Sealing Plug	2
	22-01997-21	Wire Seal	1
	22-01997-22	Interface Seal	1

77-00438-08

37 Low Voltage Harness



22-04276

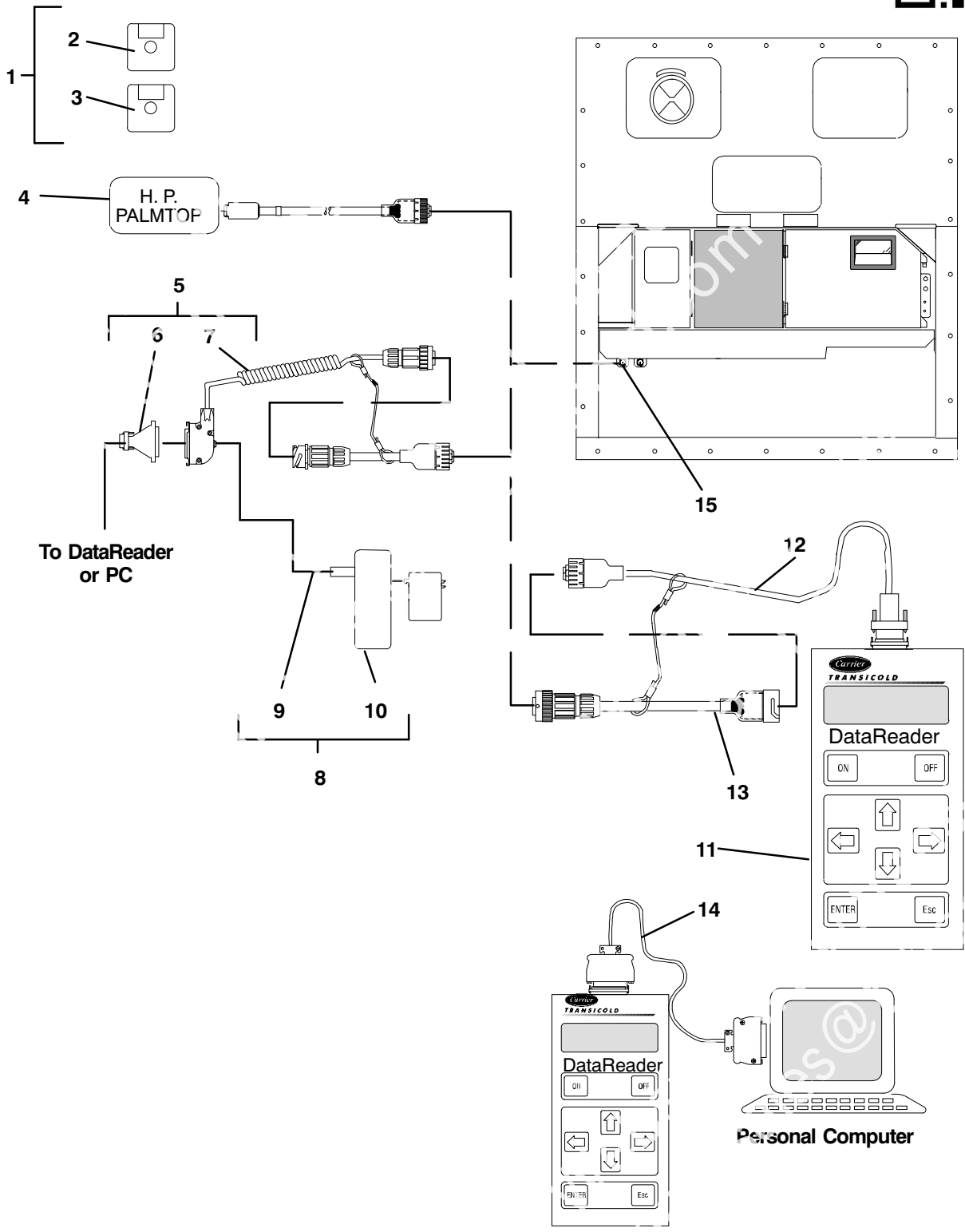
Item	Part Number	Description	Qty
	22-04276-02	Harness Low Voltage includes:	
1	22-66656-33	Harness (KH-KE-EEV) includes	
		KH - Includes:	
	22-04016-00	Block	1
	22-01735-00	Terminal	2
		KE - Includes:	
	22-04031-01	Connector	1
	22-04032-00	Terminal	5
2		Electronic Expansion Valve (EEV) - Includes:	
	22-01835-00	Block	1
	22-01566-01	Terminal	5
	22-02394-02	Cable Seal	5
3		EC (A-K) - Includes:	
	22-01777-06	Seal	4
	22-01777-07	Retainer	2
	66-U---1--6651-24	Screw Pan Head 10-24-1.50 Inch Long SST	1

37 Low Voltage Harness



	22-01777-00	Connector	
	22-01777-03	Terminal	
	22-01777-02	Seal	
4		EC(L-Y) - Includes:	
	22-01777-06	Seal	4
	22-01777-07	Retainer	2
	66-U---1--6651-24	Screw Pan Head 10-24-1.50 Inch Long SST	1
	22-01777-00	Connector	1
	22-01777-03	Terminal	21
5		Discharge Pressure Transducer (DPT) - Includes:	
	22-02448-00	Block	1
	22-01777-03	Terminal	3
6		ICF	
	22-01660-03	Block	1
	22-01613-14	Terminal	5
7		High Pressure Switch (HPS) - Includes:	
	22-02392-00	Block	1
	22-02393-01	Terminal	2
	22-02394-00	Seal	2
8		Evaporator Pressure Transducer (EPT) - Includes:	
	22-01944-00	Block	1
	22-01944-10	Gasket	1
	22-01944-05	Cap	1
	22-01777-03	Terminal	3
9		Suction Pressure Transducer (SPT) - Includes:	
	22-01944-00	Block	1
	22-01944-10	Gasket	1
	22-01944-05	Cap	1
	22-01777-03	Terminal	3
10		USDA - Includes:	
	22-01660-00	Connector	4
	22-01613-12	Terminal	8
	22-01614-06	Plug	4
11		USDA - Includes:	
	22-01660-03	Connector	1
	22-01613-12	Terminal	5
12	12-00495-00	Thermistor, Ambient (AMBS)	1
13	12-00395-01SV	Thermistor, Supply Recorder Sensor (SRS) / Supply Temp Sensor (STS)	2
14	12-00495-01	Thermistor, Defrost (DTS)	1
15	12-00170-08	Thermistor, Evaporator Defrost (HTT)	1
16	12-00500-01SV	Thermistor, Combo / Return (RTS / RRS)	1

22-04276-02



38 Interrogator Accessories - DataLINE / DataReader



Item	Part Number	Description	
1	07-00406-00	Disk Kit, DataLine (SEE NOTE) - Includes:	
2	12-00413-05SV	Software, DataLine NSS	
3	12-00528-00	Software, DataLine (Scroll) NSS	
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	-

39 Tools



Item	Part Number	Description
1	07-00176-11	Vacuum Pump, Dual Voltage/Dual Frequency
2	07-00375-00	Stepper Motor Drive Tester
3	07-00408-00	Stepper Jumper Assembly
4	07-00462-00	Temperature Tester, 4-Lead
5	07-00477-00	Inspection Mirror
6	07-00228-00	Multimeter, Digital
7	07-00229-00	Amprobe Clamp (Used with 07-00228-00)
8	07-00238-00	Wrench, Service Valve
9	07-00243-10	Multimeter, Digital (Fluke)
10	07-00277-00	Kit, Static Dissipative (Used for Working on Electronic Components)
11	07-00304-00	Ground Strap, Wrist (Used for Working on Electronic Components)
12	07-00294-00	Gauge Set, Manifold - Fahrenheit / PSI
13	07-00294-05	Gauge Set, Manifold - Centigrade / KPa
14	07-00295-00	Detector, Leak
15	07-00397-03	Extractor, Pin (Used on Fan Motor Plugs and Interrogator Plugs)
16	07-00397-02	Crimper, Pin (Used on Fan Motor Plugs and Interrogator Plugs)

Refer to Manual 62-03213

INDEX



Numerics

07-00176-11	90	12-50089-00	78
07-00228-00	90	12-50172-00	51
07-00229-00	90	12-55012	51
07-00238-00	90	14-00176-01	69
07-00243-10	90	14-00220-04	34
07-00277-00	90	14-00221-04	34
07-00294-00	90	14-00222-02	34
07-00294-05	90	14-00232-31	34
07-00295-00	90	14-00232-34	37
07-00304-00	90	14-00284-20	34, 37
07-00375-00	90	14-00341-04	37
07-00397-02	90	14-00341-07	34
07-00397-03	90	14-00341-11	34
07-00406-00	39	14-00361-01	28
07-00408-00	90	14-00361-10	28
07-00462-00	90	14-00361-11	28
07-00477-00	90	14-00361-12	28
07-00571-00PK5	51	14-00361-13	28
07-00572-00	51	14-00361-14	28
09-00375-00	51	14-00361-15	29
10-00083-06	62, 63	14-00361-16	28
10-00083-07	62, 63	14-00393-00SV	60
10-00083-08	62, 63	14-00393-10	69
10-00332-21SV	31	14-00435-00	69
10-00392-20	81	14-00435-10	69
10-00431-00	81	14-01032-14	34
10-00431-01	81	14-01090-12	34, 37
10-00431-03	81	14-01090-20	34, 37
10-00431-11	81	14-01091-04	34, 37
10-00439-01	81	14-01091-10	34, 37
10-01129-07SV	51	14-01091-20	35, 38
10-01129-11	85	14-01091-21	35, 38
10-01129-20	76	14-01091-22	35, 38
12-00170-08	87	18-10136-22	26
12-00309-05	29	18-10136-30	26
12-00352-00	29	18-10178-20	26
12-00395-01SV	87	22-00119-03	20
12-00413-05SV	89	22-00119-04	20
12-00433-03RP	57	22-01292-02	82
12-00433-06RP	53	22-01556-00	77
12-00474-01	63	22-01556-01	85
12-00495-00	87	22-01556-02	85
12-00495-01	87	22-01556-04	85
12-00500-01SV	69, 87	22-01556-06	85
12-00528-00	89	22-01566-01	86
12-00573-03SV	77	22-01602-02	19
12-00603-02	11	22-01602-03	19
12-00653-00	26	22-01604-00	76
12-00686-00	73	22-01613-06	73
		22-01613-07	73

22-01613-10	11	22-02393-01	87
22-01613-11	11	22-02394-00	87
22-01613-12	87	22-02394-02	86
22-01613-13	11, 73	22-02401-00	89
22-01613-14	87	22-02418-02	89
22-01613-15	78	22-02420-00	89
22-01614-06	87	22-02448-00	87
22-01622-01	85	22-04016-00	86
22-01622-03	85	22-04031-00	85
22-01660-00	87	22-04031-01	86
22-01660-02	78	22-04032-00	85, 86
22-01660-03	87	22-04128-01	26
22-01660-05	74, 78	22-04276-02	86
22-01660-08	11	22-50127-00	78
22-01679-00	61, 62, 63	22-66651-10	20
22-01713-46	28	22-66651-12	20
22-01713-49	53, 57	22-66656-33	86
22-01733-01	19	22-66681-00	11
22-01735-00	85, 86	22-66736-00	20
22-01737-00	89	24-66603-00	64
22-01737-01	89	30-00407-02SV	51
22-01737-02	89	34-00373-07	34
22-01743-00	89	34-00373-51	29
22-01777-00	87	34-00373-52	69
22-01777-02	87	34-00373-53	29
22-01777-03	87	34-00373-54	34
22-01777-06	86, 87	34-00373-61	31
22-01777-07	86, 87	34-00616-06	67
22-01778-00	61	34-00655-04	15, 31, 61
22-01835-00	86	34-00655-08	11, 12, 67, 81
22-01879-50	20	34-00655-10	17, 64, 72
22-01944-00	87	34-00655-12	64
22-01944-05	87	34-00655-18	29
22-01944-10	87	34-00662-13	31
22-01997-06	85	34-00663-07	81
22-01997-08	85	34-00663-08	53
22-01997-12	85	34-00663-09	26, 81
22-01997-13	85	34-00663-11	38, 64, 67, 69
22-01997-14	85	34-00667-05	76
22-01997-20	85	34-00667-09	17, 31
22-01997-21	85	34-00667-11	17, 23, 34, 61, 62, 63
22-01997-22	85	34-00667-12	41, 61, 62, 63
22-02205-00	74, 78	34-00792-07	9
22-02319-05	61, 62, 63	34-00795-09	29, 61
22-02319-06	61, 62, 63	34-00795-17	67
22-02324-01	20	34-00843-10	76
22-02324-09	85	34-00928-01	17
22-02336-02	51	34-00928-02	61, 62
22-02336-08	51	34-00928-04	49
22-02341-01	76	34-00928-07	9, 72
22-02378-00	20	34-00928-09	9, 15, 31, 69, 72
22-02392-00	87	34-00928-13	25



34-00928-20	9, 11, 15, 19, 49, 54	40-00542-01	29
34-01142-01	17	40-00583-05	29
34-01150-03	15	40-00583-20	29
34-01150-06	15	40-00663-00	28
34-01150-30	15	40-00665-21	29
34-01150-31	15	40-00667-00	35
34-01167-01	25	40-00668-00	35
34-01178-22	48, 82	40-00675-00	28
34-01178-23	48	40-01124-00	29
34-01181-01	41, 61, 62, 63	40-01129-00	43
34-01184-06	43, 44	40-66615-00	79
34-06051-32	73	40-66620-01	34
34-06053-00	9, 19, 23, 29, 31, 37, 43, 44, 49, 57, 61, 79	40-66625-38	34
34-06053-02	34, 41, 61, 62, 63	40-66628-03	69
34-06053-03	17, 25, 49	40-66629-00	69
34-06053-05	23, 25, 29, 31, 34, 37, 53, 57, 61, 62, 63, 74	42-00032-00	35
34-06053-10	61, 62, 63	42-00032-13	34, 37
34-06053-13	11, 12	42-00032-16	37
34-06053-14	81	42-00065-01	9
34-06053-15	9	42-00174-110	15
34-06053-18	9	42-00174-111	15
34-06053-19	11	42-00174-116	15
34-06053-20	26	42-00174-117	15
34-06107-00	53, 57	42-00174-118	15
34-06136-01	23, 61, 62, 63	42-00174-119	15
34-06136-02	61, 62, 63	42-00174-120	15
34-06139-00	54	42-00174-121	15
34-06139-01	54	42-00174-127	31
34-06139-04	54	42-00174-34	15
34-06142-00	74, 78	42-00183-08	69
34-06154-00	11, 12	42-00243-04	35, 38
34-06154-03	19	42-00243-12	28
34-06165-08	67	42-00296-01	11, 12
34-06169-00	57	42-00327-00	11, 12
34-06185-01	11	42-00328-00	61, 62, 63
34-06212-12	11, 12	42-00334-00	15
34-06221-00	63	42-00366-00	61
34-06236-00	26	42-00384-02	26, 29
34-06269-12	69	42-00389-03	34
34-06277-02	26	42-00389-04	43, 44
34-06295-00	29	42-00390-03	34
34-06357-00	41	42-00390-04	43, 44
34-66621-04	53	42-00407-00	11
34-66622-05	11	42-00425-109	69
34-66638-00	35, 38	42-00425-112	29
38-00599-00	67	42-00425-130	29
38-00620-01	41	42-00425-131	29
40-00520-01	34	42-00425-139	35, 37
40-00520-02	29	42-00425-148	37
40-00520-03	29	42-00425-69	35, 37
40-00542-00	29	42-00425-78	35, 37
		42-00425-93	35, 37



42-00465-01	37	58-00065-46	69
42-00471-01	63	58-00065-56	69
42-00570-00	72	58-00065-72	79
42-00667-28	35	58-00065-91	69
42-00667-32	35, 37	58-00065-93	81
42-00741-00	53, 57	58-00065-95	29
42-00771-00	31, 35	58-00079-01	77
42-00771-01	31, 35	58-00616-00	19
42-00771-02	31, 35	58-00701-03	17
42-00771-03	31, 35	58-00836-19	34, 43, 44
42-66647-00	37, 38	58-00848-12	81
42-66647-01	37, 38	58-00967-00	17, 81
42-66647-02	37, 38	58-00969-00	11, 48
42-66647-03	37, 38	58-01097-00	74
44-00285-54	29	58-01184-00	51
44-00300-04	53	58-04001-01	25
44-00361-00	48, 82	58-04001-02	25
44-00370-03	34, 37, 69	58-04026-07	23, 61
44-00370-08	69	58-04026-102	31, 34, 37
44-00391-00	53, 57	58-04026-17	61, 62, 63
44-00401-00	25	58-04026-23	31, 34, 37
44-00409-00	25	58-04026-25	61, 62, 63
44-00473-00	54	58-04026-32	17
44-00477-00	57	58-04026-59	34
44-01041-04	48	58-04026-74	53
44-66605-00	53	58-04101-00	53, 57
44-66608-00	72	58-04101-02	53, 57
44-66608-01	72	58-04127-00	79
48-00413-01	67	58-04127-05	79
48-66611-00	53	58-04127-06	79
54-00648-20	67	58-04127-07	79
54-00655-20	41	58-04202-02	58
56-07257-11	28	58-04246-00	26, 81
56-07911-00	34	58-04273-00	49, 82
56-08627-00	35	58-04276-00	49
56-08667-00	35	58-04279-00	49
56-08689-00	28	58-04290-01	19
56-09063-00	29	58-04302-01	19
56-09064-00	34	58-04315-00	48
56-09065-00	72	58-04316-00	23, 48, 57, 58
56-09087-00	69	58-04321-24	48
56-09141-00	69	58-04366-00	53, 57
56-09149-00	31	58-04376-05	11
56-09160-00	69	58-04378-01	12
56-09161-00	29	58-04480-00	9
56-09162-00	29	58-04533-10	58
56-09163-00	35	58-04533-11	58
56-09164-00	35	58-04533-12	58
56-09195-00	69	58-04539-13	58
56-09392-00	31	58-04680-00	17
56-09394-00	31	58-04770-00	67
56-66738-00	35	58-04791-01	26



58-04821-00	26	66-U---1--2603	25
58-04910-00	31	66-U---1--2763-5	43
58-04910-01	31	66-U---1--3632-20	29
58-04910-02	31, 35, 37	66-U---1--3803	28, 29, 35, 4
58-04910-04	34	66-U---1--3882	23, 26, 34, 4
58-04910-05	35		78, 82
58-04910-06	9	66-U---1--3882-3	29, 35, 69
58-04910-07	9	66-U---1--3882-7	31
58-04910-21	31	66-U---1--5321-13	11
58-04910-22	31	66-U---1--5321-2	35, 53
58-04954-00	53, 57	66-U---1--5321-3	9, 15, 17, 31, 61, 62, 63, 64, 67,
58-04960-00	53, 57		69, 72
58-04968-00	72	66-U---1--5321-5	15
58-04980-00SV	38, 41	66-U---1--5321-6	76
58-04990-00	72	66-U---1--5321-7	9, 17, 19, 23, 25, 29, 31, 37, 43,
58-66646-00	11		44, 49, 61, 73, 79, 81
58-66671-00	38	66-U---1--5321-8	17, 23, 25, 34, 49, 53, 57, 61, 62,
62-02719-00	51		63, 73, 74, 77, 81
62-02723-21	75	66-U---1--5331	9
62-03957-04	54	66-U---1--5331-3	25
62-10911-00	17	66-U---1--5331-4	35
62-10930-00	11	66-U---1--5361	41
62-11114-00	49	66-U---1--5361-11	23
62-11252-00	75	66-U---1--5361-25	9, 23, 25, 31, 37, 41, 48, 61, 69,
62-11263-02	75		72, 79
62-11264-01	75	66-U---1--5361-50	33
62-11270-14	49	66-U---1--5361-7	31
62-11275-00	73	66-U---1--5362-2	11
62-11424-00	75	66-U---1--5371	35
62-11602-00	67	66-U---1--5371-10	29, 73
62-11729-00	73	66-U---1--5371-6	23, 26, 29, 31, 34, 37, 48, 53, 57,
62-11731-00	76		61, 62, 69
62-11731-01	76	66-U---1--5371-7	17, 34, 49, 51, 53, 57, 61, 62, 63,
62-11735-04	75		69, 73, 74, 77, 78, 81
62-11739-00	75	66-U---1--5381-1	69
62-11739-03	75	66-U---1--5381-3	69
62-11739-04	75	66-U---1--5562-12	19
62-11750-00	69	66-U---1--5562-2	11, 12
62-66081-00	75	66-U---1--5562-7	17
62-66682-01	75	66-U---1--6651-19	81
62-66723-00	11	66-U---1--6651-2	53
66CH---1--1172-2	11, 82	66-U---1--6651-22	53
66CH---1--1172-28	81	66-U---1--6651-24	86, 87
66CH---1--1172-32	82	66-U---1--6782	20
66-U---1--1251-2	23, 81	66-U---1--6811-12	57
66-U---1--1571-14	19	66-U---1--7352-3	23, 81
66-U---1--1571-3	35	66-U---1--7842-12	81
66-U---1--2403	15, 25, 54	66-U---1--7842-6	81
66-U---1--2403-1	53, 57	66-U---1--7842-7	81
66-U---1--2552-185	67	66-U---1--9592-13	17
66-U---1--2583	20	66-U---1--9752	76
66-U---1--2593-4	15	66-U---2--1142	43
		66-U---2--1152	43



66-U---2--1531-1 62, 63
 66-U---2--1531-3 61, 62, 63
 68-04910-08 17
 68-11989-00 12
 68-12933-07 11
 68-12940-05 11
 68-13181-01 73
 68-13707-02 25
 68-13832-00 61
 68-13961-00 62, 63
 68-14278-00 34
 68-14456-01 23
 68-14456-02 61
 68-14815-00 11
 68-14903-00 11
 68-15477-02 34
 68-15478-02 34
 68-15532-00 29
 68-15997-00 29
 68-15998-00 29
 68-16521-00 9
 68-16695-00 9
 68-16696-00 72
 68-16697-00 9
 68-16715-00 69
 68-16735-00 57
 68-16767-00 72
 68-16823-00 35
 68-16823-08 35
 68-16864-00 34
 68-16891-00 72
 68-16892-00 69
 68-16893-00 69
 68-16894-00 64
 68-17021-00 74
 68-17023-00 78
 68-17037-00 9
 68-17037-01 9
 68-17044-00 9
 68-17044-01 9
 68-17089-00 69
 68-17118-00 9
 68-17129-02 9
 68-17131-00 23
 68-17145-00 72
 68-17175-00 15
 68-17185-00 31
 68-17188-00 9, 72
 68-17190-00 69
 68-17196-00 31, 37
 68-17200-00 9
 68-17201-00 72

68-17228-00 54
 68-17290-00 35
 68-17293-00 15
 68-17298-00 54
 68-17316-00 17
 68-17337-00 15
 68-17344-00 9
 68-17345-00 72
 68-17361-00 15
 68-17361-01 15
 68-17405-00 81
 68-17419-00 72
 68-17419-01 72
 68-17461-00 53
 68-17484-00 15
 68-17526-00 25
 68-17676-00 43, 44
 68-17886-00 37
 68-17964-00 15
 68-18027-01 15
 68-18178-00 37
 68-86230-00 17
 68-86255-00 25
 68-86256-00 23
 68-86389-00 31
 69NT--35--1076 62, 63
 69NT--35--1076-1 62, 63
 69NT--35--2086 61, 62, 63
 69NT--35--2692 15, 51
 69NT--35--2692-1 38, 41, 49, 64, 67, 72
 69NT--35--2692-4 77
 69NT--35--3282 15
 69NT--35--3452 41
 69NT--35--3452-1 41
 69NT--35--3907 73
 69NT--35--5992 25
 69NT--35--6112 41
 69NT--35--636-1 78
 69NT--35--636-6 54
 69NT--35--8113 9
 69NT--35--8258 19
 69NT--35--9073-1 81
 69NT--40--657-4 9
 69NT--40--914-4 61, 62, 63
 69NT--41--892 61, 62, 63
 69NT--43--270 62
 69NT--43--270-1 61
 69NT--43--270-2 63
 69NT--43--282 61, 62, 63
 69NT--43--295 67
 69NT--43--374 61, 62
 69NT--43--374-1 63



74-66663-00 29
 74-66674-00 69
 76-00667-03 62
 76-00667-07 61
 76-00667-12 63
 76-00816-00 28, 29
 76-00818-01 29
 76-00893-00 31
 76-50058-00 89
 76-50059-00 89
 76-50214-02 51
 76-66615-00 11
 76-66641-00 42
 76-66641-01 42
 76-66649-00 29
 79 35
 79-01697-06SV 12
 79-04018-00 57
 79-04018-01 53
 79-04045-00 15
 79-04045-01 15
 79-04046-00 53
 79-04047-00 54
 79-04049-01 34
 79-04049-02 34
 79-04051-00 29
 79-04055-00 35
 79-04071-00 25
 79-04071-01 25
 79-04102-00 37
 79-04134-00 43, 44
 79-04167-00 37
 79-04186-00 37
 79-66626-00 11
 79-66669-00 53, 57
 79-66703-00 11
 81-04186-20 69
 81-04202-00 35
 81-04203-06 37
 81-04203-20 31
 81-04212-00 29
 81-04237-03 31
 81-04237-20 31
 81-04238-00 43, 44
 81-04266-00 69
 81-04291-00 37
 86-04956-00 64
 86-04987-00 57
 86-04987-01 53
 86-04994-00 35
 86-05003-00 17
 86-05077-00 15

86-05078-00 9
 86-05150-00 31
 86-05278-00 38
 91-00438-08 85
 99TS0322CK001 400 35
 99TS0835CK002 000 35



A

AA06JA170 61
 AT39JA171 17, 77
 AU27JR131 53, 57, 73
 AU27JR171 17, 48, 61, 62, 63, 77

C

Configuration Identification 3

D

--DE--01BA-504 31

E

EC39DM070 29

M

MS510074 76



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