

	AIR-COOLED SCREW LIQUID CHILLERS	
REPLACEMENT PARTS	Supersedes: 201.23-RP3 (918)	Form 201.23-RP3 (623)

MODELS YCIV0267, 0287, 0307, 0327, 0357, 0397 AND YCIV0457
60 HERTZ
MODELS YCIV1050, 1070, 1120, 1180, 1220, 1340,
1380, 1500 AND YCIV1649
50 HERTZ
STYLE A



R-134A



Issue Date:
 June 12, 2023



Products are produced at a
 facility whose quality-
 management systems are
 ISO9001 certified.



IMPORTANT!

READ BEFORE PROCEEDING!

GENERAL SAFETY GUIDELINES

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

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

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

SAFETY SYMBOLS

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



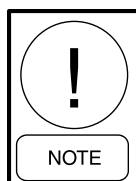
Indicates a possible hazardous situation which will result in death or serious injury if proper care is not taken.



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



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



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



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

CHANGEABILITY OF THIS DOCUMENT

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

It is the responsibility of rigging, lifting, and operating/service personnel to verify the applicability of these documents to the equipment. If there is any question

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

CHANGE BARS

Revisions made to this document are indicated with a line along the left or right hand column in the area the revision was made. These revisions are to technical information and any other changes in spelling, grammar or formatting are not included.

HOW TO USE RENEWAL PARTS MANUALS

Johnson Controls offers an assortment of replacements parts for Johnson Controls, YORK and DS units. Each replacement part is manufactured and fitted for a specific model. This Replacement Parts Manual is for standard Johnson Controls units. Chiller units built with special options, modifications, or conversions are not covered in this manual.

This Replacement Parts Manual provides Johnson Controls chiller replacement parts by part numbers, descriptions, quantities and drawing figures. To determine the correct replacement part, locate the item on drawing figure and refer to the parts list for the part number, description and quantity.

NOTE: Provide a unit model number, unit serial number and part number when requesting a quotation or placing an order. Failure to include this information may delay processing of your request.

Model and Serial Number Locations:

- **Unit** - Namplate on side of Control Panel
- **Compressor** - Namplate on Compressor Housing
- **VSD** - Namplate on VSD Panel

Contact the following sources to order parts.

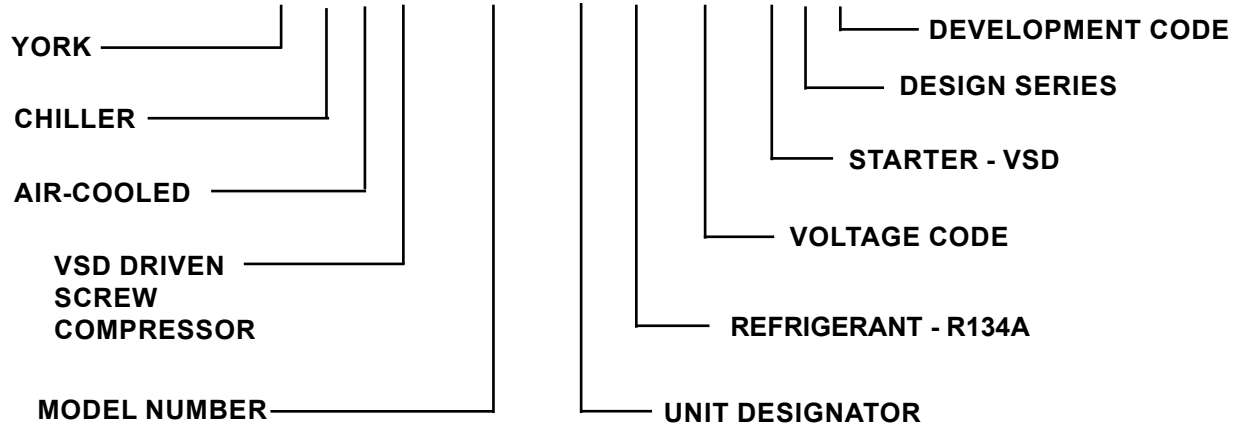
For North America, contact the following:

- YORK Chiller Parts Center Baltimore
Telephone: +1 800 932 1701
Email: chillerparts@jci.com
- YORK Chiller Parts Center Houston
Telephone: +1 833 278 7991
Email: chillerpartsHouston@jci.com
- YORK Chiller Parts Center NOLA
Telephone: +1 833 283 3738
Email: chillerpartsNOLA@jci.com
- YORK Chiller Parts Center Toronto
Telephone: +1 905 488 3642 or +1 905 488 3641
Email: chillerpartstoronto@jci.com

For parts availability and ordering YORK HVAC Parts within North America and Europe, use the following link:

[Parts Navigator \(solutionnavigator.com\)](https://solutionnavigator.com)

Y C I V - 0267 - S - A - 46 - V A A



0267	1070
0287	1120
0307	1180
0327	1220
0357	1340
0397	1380
0457	1500
1050	1649

UNIT DESIGNATOR

- E- High Efficiency with Standard IPLV
- S- Standard Efficiency with Standard IPLV
- P- Standard Efficiency with Optimized IPLV
- V- High Efficiency with Optimized IPLV

VOLTAGE CODE

- 17=200-3-60
- 28=230-3-60
- 40=380-3-60
- 46=460-3-60
- 50=380/400/415-3-50
- 58=575-3-60

LIST OF TABLES

TABLE 1 - YCIV Complete Pin Number Description	7
TABLE 2 - Unit Assembly	11
TABLE 3 - Unit Assembly - Models 0457 and 1649	16
TABLE 4 - Base Assembly	19
TABLE 5 - Base Assembly - Models 0457 and 1649.....	23
TABLE 6 - VSD Control Panel - Models 0267, 0287, 0307, 0327, 1050, 1070, 1120, 1180, 1220	24
TABLE 7 - VSD Control Panel - Models 0357, 0397, 1340, 1380, 1500	27
TABLE 8 - VSD Control Panel - Models 0457 and 1649 High Static or High Air Flow Fans	34
TABLE 9 - Variable Speed Drive Board Cables	40
TABLE 10 - Power Assembly Components 3 Compressor	41
TABLE 11 - Power Assembly Components 2 and 4 Compressor 371-04181-105	43
TABLE 12 - Power Assembly Components 2 and 4 Compressor 371-04181-106	44
TABLE 13 - Compressor Sub-Assembly -40 and -50 (Pin 9 = S, P, C) (Pin 16 and 17 = BX, SX).....	47
TABLE 14 - Compressor Sub-Assembly -40 and -50 (Pin 9 = E, V, D) (Pin 16 and 17 = BX, SX).....	47
TABLE 15 - Compressor Sub-Assembly -40 and -50 (Pin 9 = S, P, C) (Pin 16 and 17 = XX, MR).....	47
TABLE 16 - Compressor Sub-Assembly -46 (Pin 9 = S, P, C) (Pin 16 and 17 = BX, SX)	47
TABLE 17 - Compressor Sub-Assembly -46 (Pin 9 = E, V, D) (Pin 16 and 17 = BX, SX).....	47
TABLE 18 - Compressor Junction Box.....	48
TABLE 19 - Insulated Cooler Left Handed ASME (Pin 9 = S, P, C)	49
TABLE 20 - Insulated Cooler Left Handed ASME (Pin 9 = E, V, D)	49
TABLE 21 - Insulated Cooler Right Handed ASME (Pin 9 = S, P, C)	50
TABLE 22 - Insulated Cooler Right Handed ASME (Pin 9 = E, V, D)	50
TABLE 23 - Insulated Cooler Left Handed PED (Pin 9 = S, P, C)	51
TABLE 24 - Insulated Cooler Left Handed PED (Pin 9 = E, V, D)	51
TABLE 25 - Insulated Cooler Right Handed PED (Pin 9 = S, P, C)	51
TABLE 26 - Insulated Cooler Right Handed PED (Pin 9 = E, V, D)	51
TABLE 27 - Piping Assembly	53
TABLE 28 - Piping Assembly - Models 0457 and 1649 (Pin 9 = S, P, C)	57
TABLE 29 - Coil Module Standard (Pin 9 = S, P or C)	60
TABLE 30 - Coil Module High (Pin 9 = E, V or D)	61
TABLE 31 - Low Sound Fans	63
TABLE 32 - Ultra Quiet Fans.....	63
TABLE 33 - High Static Fans.....	64
TABLE 34 - High Air Flow.....	64
TABLE 35 - Two Speed Fans	65
TABLE 36 - Fan Wiring - Standard Low Sound and Ultra Quiet Fans	66
TABLE 37 - Fan Wiring Standard Low Sound and Ultra Quiet.....	68
TABLE 38 - Fan Wiring - High Air Flow and High Static Fans.....	70
TABLE 39 - Fan Wiring High Air Flow / High Static.....	74
TABLE 40 - Fan Wiring - High Air Flow Fans - Models 0457 and 1649	76
TABLE 41 - Fan Wiring High Static 0457, 1649	78
TABLE 42 - Fan Wiring - Two Speed Fans	80
TABLE 43 - Fan Wiring Two Speed Fans.....	85
TABLE 44 - Variable Speed Drive Fan Assembly.....	87
TABLE 45 - System Wiring - Single Point	88
TABLE 46 - System Wiring - Multi Point.....	88

LIST OF TABLES (CONT'D)

TABLE 47 - Refrigerant, Oil, Glycol System	89
TABLE 48 - Glycol System Hose Lengths.....	89
TABLE 49 - Pressure Relief Kit, ASME Pressure Vessel Codes, North American Safety Code	91
TABLE 50 - Pressure Relief Kit, PED Pressure Vessel Codes, CE (China) Listing	91
TABLE 51 - Dual Pressure Relief	92
TABLE 52 - Flash Tank/Oil Separator Assembly	93
TABLE 53 - Kit, E-Link.....	94
TABLE 54 - Full Unit Wire Enclosure Kit - Top	95
TABLE 55 - Full Unit Wire Enclosure Kit - Bottom	95
TABLE 56 - Full Unit Wire Enclosure Kit - Top (Models 0457/1649)	97
TABLE 57 - Full Unit Wire Enclosure Kit - Bottom (Models 0457/1649).....	97
TABLE 58 - Acoustic Sound Enclosure	98
TABLE 59 - Acoustic Sound Enclosure - Model 0457 and 1649 (Pin 9 = S, P, C)	102
TABLE 60 - Insulation Acoustic Sound Models 0267 - 1500	105
TABLE 61 - Desuperheater	107
TABLE 62 - Heat Recovery Mechanical Assembly.....	109
TABLE 63 - Heat Recovery Trace Heating.....	111
TABLE 64 - Plug / Jumper Arrangement	114
TABLE 65 - Sensor Harness Wiring Models 0287,0307,1070, 1180 (Pin 9 = S, P, C) Models 0267,1050 (Pin 9 = E, V, D)	115
TABLE 66 - Sensor Harness Wiring Models 0357, 1340 (Pin 9 = S, P, C) Models 0287, 0327, 1120, 1220 (Pin 9 = E, V, D)	119
TABLE 67 - Sensor Harness Wiring Models 0397, 1500 (Pin 9 = S, P, C) Models 0357, 1380 (Pin 9 = E, V, D)	123
TABLE 68 - Sensor Harness Wiring Models 0457, 1649	127
TABLE 69 - Cable Data	132
TABLE 70 - Field Installed Options Part Numbers	138
TABLE 71 - Control Panel Language Kit	138
TABLE 72 - IPLV Option.....	138
TABLE 73 - Consumables	138

TABLE 1 - YCIV COMPLETE PIN NUMBER DESCRIPTION

FEATURE	FEATURE DESCRIPTION	OPTION	OPTION DESCRIPTION
MODEL	Model (PIN 1-4)		YCIV
CAP	Nominal Capacity (PIN 5-8)	0267	0267
		0287	0287
		0307	0307
		0327	0327
		0357	0357
		0397	0397
		0457	0457
		1050	1050
		1070	1070
		1120	1120
		1180	1180
		1220	1220
		1340	1340
		1380	1380
		1500	1500
		1649	1649
UNIT	Unit Designator (PIN 9)	C	Non-published Standard Efficiency,
		D	Non-published High Efficiency
		E	High Efficiency/High Ambient Unit, Standard IPLV
		S	Standard Efficiency, Standard IPLV
		P	Standard Efficiency, Optimized IPLV
		V	High Efficiency/High Ambient Unit, Optimized IPLV
REF	Refrigerant (PIN 10)	A	R-134a
VOLTS	Voltage (PIN 11, 12)	17	200/3/60
		28	230/3/60
		40	380/3/60
		46	460/3/60
		50	380-415/3/50
		58	575/3/60
STARTER	Starter (PIN 13)	V	Variable Speed Drive
DESIGN	Design Series (PIN 14)	A	Design Series A
DEV	Modification Level (PIN 15)	B	Mod Level B
POWER	Power Fld (PIN 16, 17)	SX	SP Supply TB
		BX	SP Circuit Breaker w/Lockable Handle
		XX	MP Supply TB
		MR	MP Circuit Breaker w/Lockable Handle
		QQ	Special Power Option
TRANS	Control Transformer (PIN 18)	T	Control Transformer required
		Q	Special Transformer or Power Strip required
PFC	Convenience Outlet (PIN 19)	X	No Option Required
		O	Convenience Outlet, 115V GFI (Customer Powered)
		Q	Special quote
AMB	PIN 20	X	No option required
		Q	Special quote

TABLE 1 - COMPLETE PIN NUMBER DESCRIPTION

FEATURE	FEATURE DESCRIPTION	OPTION	OPTION DESCRIPTION
BAS	BAS interface (PIN 21)	X	No Selection
		L	LON E-Link
		S	SC-Equip Board
		Q	Special Quote
LCD	LCD (PIN 22)	X	English LCD & Keypad Display (std)
		S	Spanish LCD & Keypad Display
		F	French LCD & Keypad Display
		G	German LCD & Keypad Display
		I	Italian LCD & Keypad Display
		P	Portuguese LCD & Keypad Display
		H	Hungarian
		L	Polish
		Q	Special LCD & Keypad Display
RDOUT	Silent Night (PIN 23)	X	No option required
		N	Silent Night sound / Load limiting control option
		Q	Special quote
SAFETY	Safety Code (PIN 24)	L	N. American Safety Code (cUL/cETL)
		C	CE listing
		Q	Special Safety Code
SENSOR	PIN 25	X	No option required
		Q	Special quote
PUMP	Pump Control (PIN 26)	X	No Pump Control required
		Q	Special Pump Control required
REMOTE	Remote Ctrl Panel (PIN 27)	X	No Remote Control Panel req'd
		Q	Special Remote Control Panel required
SEQ	Sequence Kit (PIN 28)	X	No Sequence Kit required
		S	Sequence Control & Automatic Lead Transfer = {seq}
		Q	Special Sequence Kit required
TEMP	Water Temp (PIN 29, 30)		
CHICAGO	Chicago Code Kit (PIN 31)	X	No Chicago Code Kit required
		C	Chicago Code Kit required
		S	Service Isolation Valve
		B	Both Isolation Valve and Chicago Code
		R	Dual Pressure Relief
		G	Dual Pressure Relief and Suction Service Isolation
		Q	Special Chicago Code Kit required
VALVES	Valves (PIN 32)	X	Standard Valves Req'd
		Q	Special Optional Valves Req'd
HGBP	PIN 33	X	No option required
		Q	Special quote
GAUGE	PIN 34	X	No option required
		Q	Special quote
OVERLOAD	PIN 35	X	No option required
		Q	Special quote

TABLE 1 - COMPLETE PIN NUMBER DESCRIPTION

FEATURE	FEATURE DESCRIPTION	OPTION	OPTION DESCRIPTION
PIN36	PIN 36	X	No option required
		Q	Special quote
HTR	Crankcase Heater (PIN 37)	H	Compressor Crankcase Heaters
		Q	Special quote
DWP	DWP (PIN 38)	X	150psig DWP
		Q	Special DWP
INS	Insulation (PIN 39)	X	3/4" Cooler Insulation
		D	1-1/2" Cooler Insulation
		Q	Special Cooler Insulation
FLANGES	Flanges (PIN 40)	X	No Flanges required
		W	Weld Flange Kit required
		V	Victaulic Flange Kit required
		F	Victaulic Flange with Welded Mating Flange
		Q	Special Flanges required
FLOW	Flow Switch (PIN 41)	X	No Flow Switch required
		S	One Flow Switch required
		T	Two Flow Switches required
		U	Three Flow Switches required
		D	One Differential Pressure Switch required
		E	Two Differential Pressure Switches required
		F	Three Differential Pressure Switches required
		Q	Special Switch required
VESSEL	Vessel Codes (PIN 42)	A	ASME Pressure Vessel Codes
		E	PED Pressure Vessel Codes
		Q	Special Pressure Vessel Codes
CLR	Cooler (PIN 43)	X	Standard Cooler
		R	Remote Cooler
		Q	Special Cooler requirements
CONN	Connections (PIN 44)	L	Handed Cooler Left, Viewing From the Control Panel End
		R	Handed Cooler Right, Viewing From the Control Panel End
		Q	Special quote
COILS	Coils (PIN 45)	X	Aluminum Coils
		C	Copper Fin Coils
		B	Pre-Coated Fin Coils
		P	Post-Coated Dipped Coils
		E	Pre-Coated Epoxy Non Slit Ripple Fins
		Q	Special Coils
HEAT	Heat Recovery (PIN 46)	X	Partial Heat Recovery not required
		H	Partial Heat Recovery required
		D	Desuperheater
		Q	Special quote
FANMOTORS	Fan Motors (PIN 47)	X	TEAO Fan Motors
		Q	Special Fan Motors

TABLE 1 - COMPLETE PIN NUMBER DESCRIPTION

FEATURE	FEATURE DESCRIPTION	OPTION	OPTION DESCRIPTION
PANEL	Enclosure Panels (PIN 48)	X	No Enclosure Panels required
		1	Wire (Full Unit) Encl Panels (factory)
		2	Wire (Full Unit) Encl Panels (field)
		3	Wire/Louvered Encl Panels (factory)
		4	Wire/Louvered Encl Panels (field)
		5	Louvered (cond only) Encl Panels (factory)
		6	Louvered (cond only) Encl Panels (field)
		7	Louvered (full unit) Encl Panels (factory)
		8	Louvered (full unit) Encl Panels (field)
		Q	Special Enclosure Panels required
ACOUSTIC	Acoustical arrgt (PIN 49)	X	Standard--No Sound Package
		R	Reduced Noise
		N	Low Noise
		Q	Special Sound Enclosure required
SRDOCS	SR Documents (PIN 50)	X	No Documents required
		A	Base, Material & Witness Documents
		B	Base Documents
		M	Base & Material Documents
		W	Base & Witness Documents
		Q	Special quote
PIN51	PIN 51	X	No option required
		Q	Special quote
FANS	Fans (PIN 52)	X	Standard Low Sound Fans
		L	Ultra Quiet Fans
		H	High Static Fans
		T	Two Speed Fans
		G	High Air Flow
		Q	Special Sound Fans
PAINT	Overspray Paint (PIN 53)	X	No Final Overspray Paint required
		Q	Special Final Overspray Paint required
ISOL	Isolators (PIN 54)	X	No Vibration Isolators required
		1	1" Deflection Isolators required
		S	Seismic Isolators required
		N	Neoprene Pad Isolators required
		Q	Special Vibration Isolators required
WARRANTY	Warranty (PIN 55)	For Marketing Purposes Only!	
REFWTY	Refrigerant Wty (PIN 56)	For Marketing Purposes Only!	

TABLE 2 - UNIT ASSEMBLY

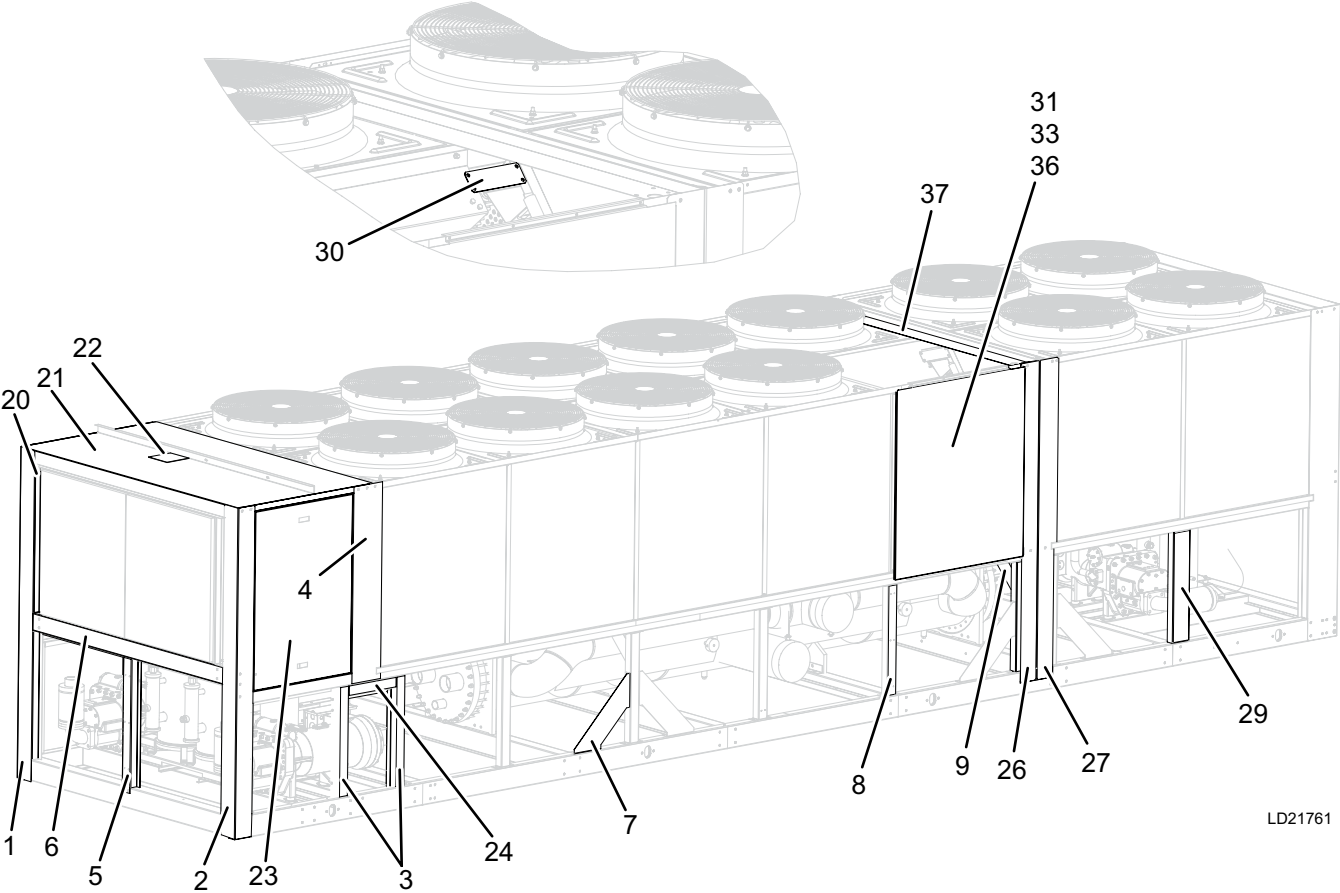
ITEM	MODEL	DESCRIPTION	PART NUMBER	SAP	QUANTITY	FIGURE
1	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Panel Support Front Left	075-65636-000	755441	1	1
2	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Leg Support Front Right	075-65638-000	755443	1	1
3	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Support Module	075-66932-000	755625	4	1, 2
4	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Panel Cover Headers Right	075-65643-000	755448	1	1
5	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Support Front Control Pnl	075-65639-000	755444	1	1
6	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Channel Support Control Pnl	075-65637-000	755442	1	1
7	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Bracket Support	075-65645-000	363478	8	1
8	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Support Leg Module	075-65661-000	755461	12	1
9	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Bracket Angle	075-55626-000	753119	4	1
10	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Leg Support Rear Left	075-70239-000	756175	1	2
11	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Leg Support Rear Right	075-70240-000	756176	1	2
12	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Panel Cover Headers	075-65642-000	755447	1	2

TABLE 2 - UNIT ASSEMBLY (CONT'D)

ITEM	MODEL	DESCRIPTION	PART NUMBER	SAP	QUANTITY	FIGURE
13	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Rail Side Unit Rh	075-65654-000	755458	1	2
14	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Rail Side Unit Lh	075-65655-000	755459	1	2
15	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Panel Support	075-84934-000	759579	2	2
16	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Rail Support Control Pnl	075-65650-000	755454	1	2
17	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Support Control Panel Side	075-65651-000	755455	2	2
18	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Bracket Support Cont Pnl	075-65653-000	755457	1	2
19	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Bracket Support Cont Pnl	075-65652-000	755456	1	2
20	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Panel Side Control Panel	075-70814-000	756422	2	1
21	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Panel Top Cover	075-84935-000	759580	1	1
22	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Cover Glycol Loop	075-84936-000	759581	1	1
23	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Panel Encl Side Top	075-65644-000	755449	2	1
24	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Support Brace Module	075-66933-000	755626	2	1, 2
25	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Panel Top Cover	075-84937-000	759582	1	2

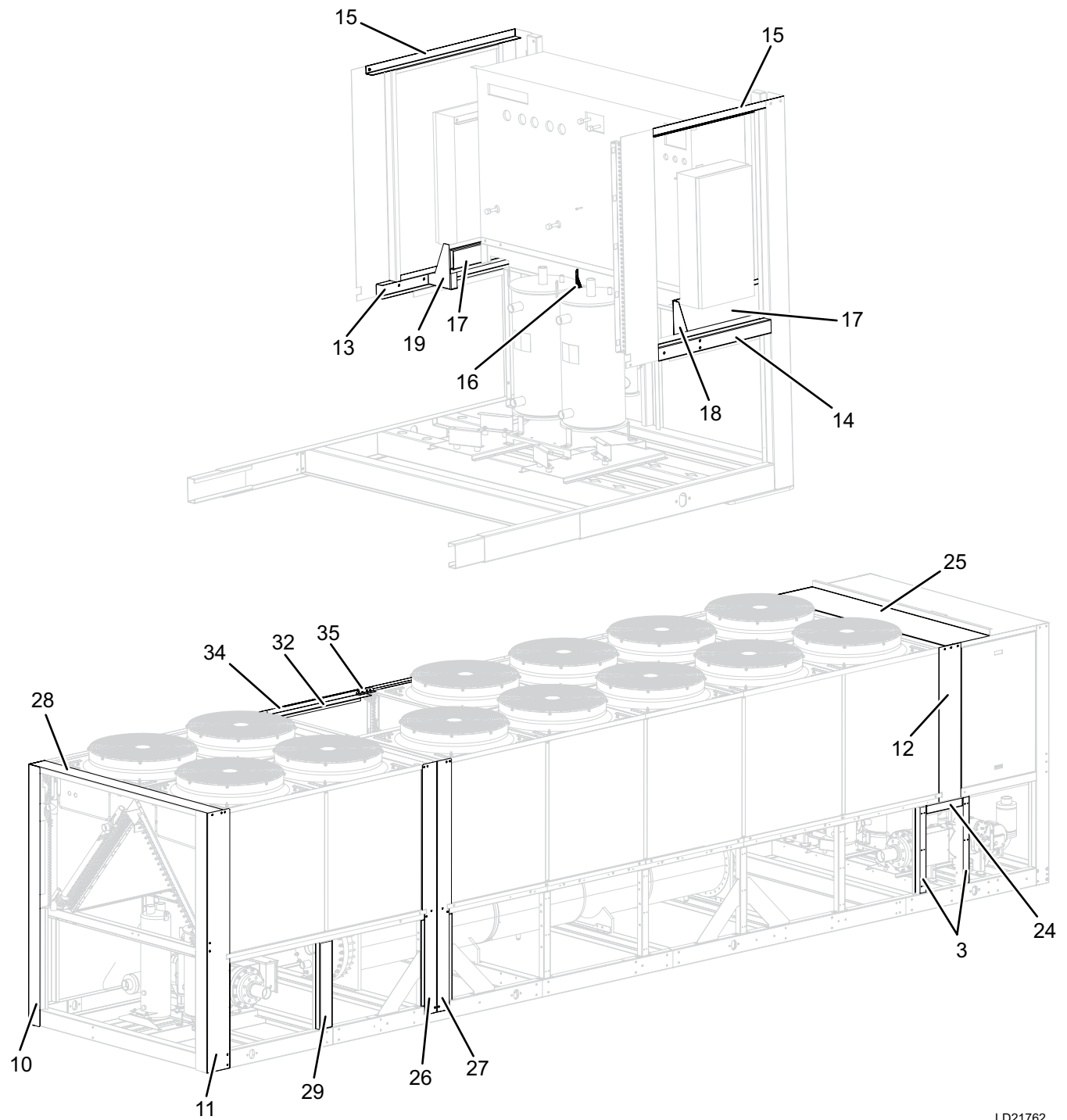
TABLE 2 - UNIT ASSEMBLY (CONT'D)

ITEM	MODEL	DESCRIPTION	PART NUMBER	SAP	QUANTITY	FIGURE
26	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Leg Support Middle	075-70237-000	756173	2	1, 2
27	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Leg Support Middle	075-70238-000	756174	2	1, 2
28	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Panel Top Cover	075-70767-000	756382	1	2
29	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Support Module	075-70816-000	756424	2	1, 2
30	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Plate Module Connection	075-70849-000	756451	2	1
31	0287/1070	Aesthetic Vee Panel Rear Rh (Pin 9 = S,P,C)	075-66959-000	755647	1	1
	0287/1120	Aesthetic Panel Side (Pin 9 = E,V,D)	075-66961-000	755649	1	
32	0287/1070	Aesthetic Panel Top Flanged (Pin 9 = E,V,D)	075-66960-000	755648	1	2
33	0287/1070	Aesthetic Panel Side (Pin 9 = E,V,D)	075-66961-000	755649	1	1
34	0287/1070	Z-Channel Aesthetic Fixing (Pin 9 = E,V,D)	075-66962-000	755650	1	2
35	0287/1070	Bracket Angle Aesthetic Pnl (Pin 9 = E,V,D)	075-66963-000	755651	1	2
36	0287/1070	Bracket Fan Mounting (Pin 9 = E,V,D)	075-55346-000	752973	1	1
37	0287/1070	Pan Upper Module Rear (Pin 9 = E,V,D)	075-55347-000	752974	1	1



Model Shown 0287/1070

FIGURE 1 - UNIT ASSEMBLY



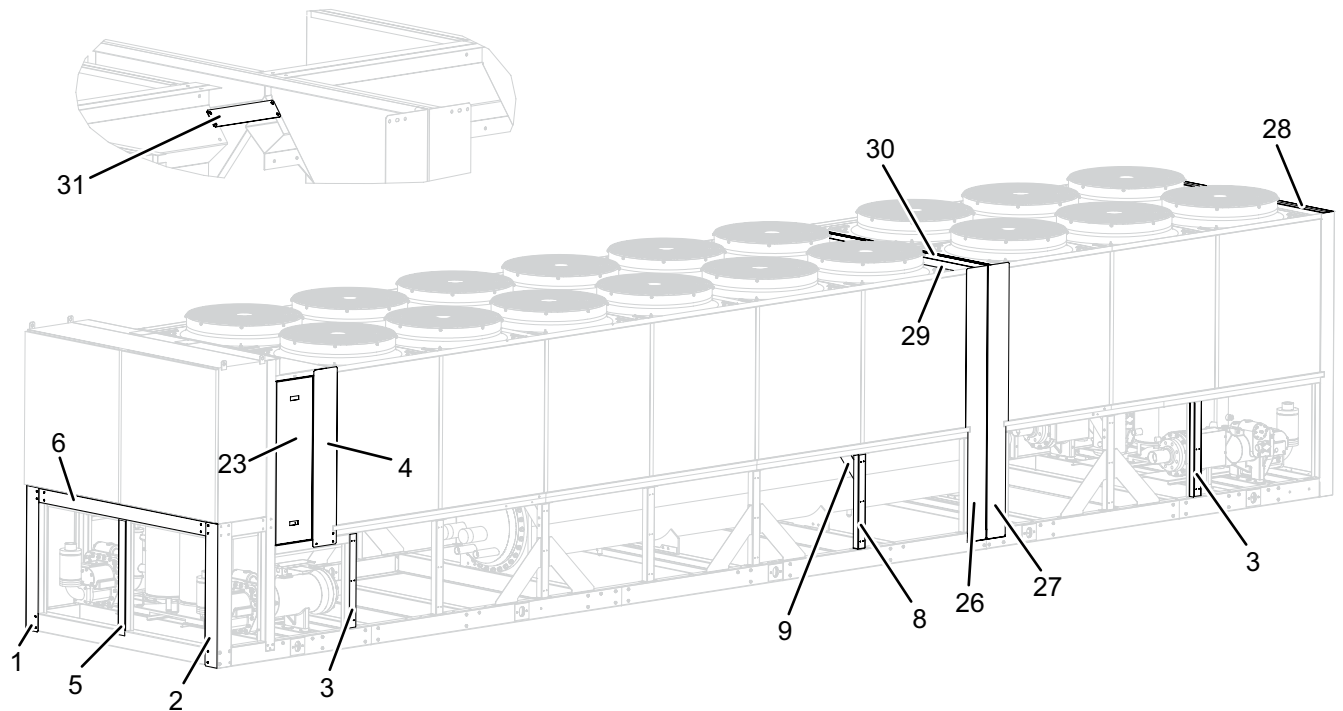
LD21762

Model Shown 0287/1070

FIGURE 2 - UNIT ASSEMBLY

TABLE 3 - UNIT ASSEMBLY - MODELS 0457 AND 1649

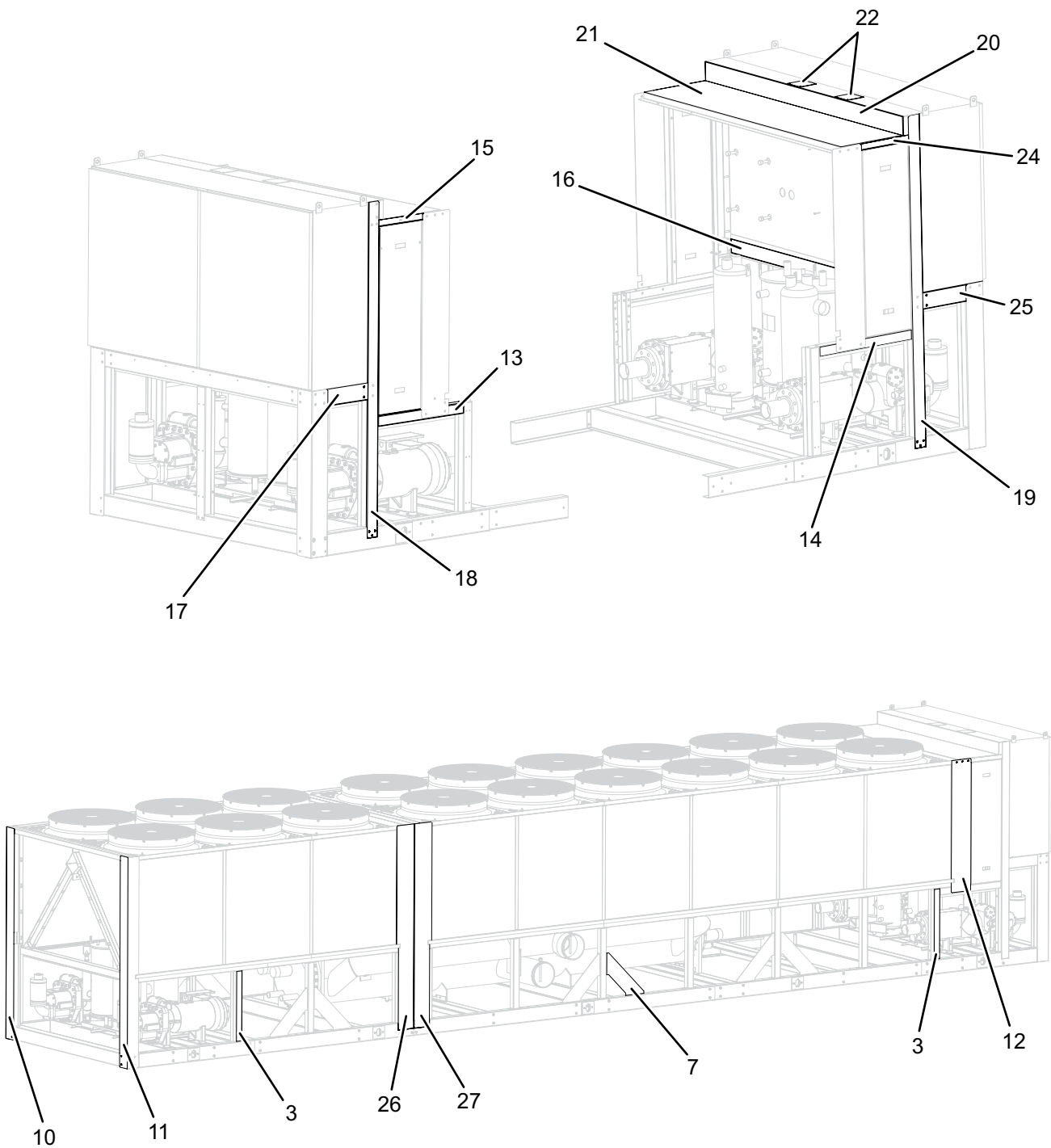
ITEM	DESCRIPTION	PART NUMBER	SAP	QUANTITY	FIGURE
1	Leg Support Front Left	075-93088-001	761292	1	3
2	Leg Support Front Right	075-93088-000	761291	1	3
3	Support Module	075-66932-000	755625	4	3, 4
4	Panel Cover Headers Right	075-93093-000	761300	1	3
5	Support Front Control Pnl	075-65639-000	755444	1	3
6	Channel Support Control Pnl	075-65637-000	755442	1	3
7	Bracket Support	075-65645-000	363478	12	4
8	Support Leg Module	075-65661-000	755461	16	3
9	Bracket Angle	075-55626-000	753119	6	3
10	Leg Support Rear Left	075-93082-000	761285	1	4
11	Leg Support Rear Right	075-93083-000	761286	1	4
12	Panel Cover Headers Left	075-93093-001	761301	1	4
13	Support Brace Module	075-93092-000	761298	1	4
14	Support Brace Module	075-93092-001	761299	1	4
15	Panel Support Top Left	075-93095-000	761303	1	4
16	Support Control Panel	075-93091-000	761297	1	4
17	Support Side R.h.	075-93090-000	761295	1	4
18	Support Control Panel Side Rh	075-93089-000	761293	1	4
19	Support Control Panel Side Lh	075-93089-001	761294	1	4
20	Panel Cover Control Panel	075-93096-000	761305	1	4
21	Panel Top Cover	075-93097-000	761306	1	4
22	Cover Glycol	075-93087-000	761290	2	4
23	Panel Enclosure Side Top	075-93094-000	761302	2	3
24	Panel Support Top Right	075-93095-001	761304	1	4
25	Support Side L.h.	075-93090-001	761296	1	4
26	Leg Support Middle	075-93079-000	761282	2	3, 4
27	Leg Support Middle	075-93080-000	761283	2	3, 4
28	Panel Top Cover	075-93084-000	761287	1	3
29	Cover Top Middle	075-93085-000	761288	1	3
30	Cover Top Middle	075-93086-000	761289	1	3
31	Plate Module Connection	075-93081-000	761284	2	3



LD21763

Models 0457/1649

FIGURE 3 - UNIT ASSEMBLY - MODELS 0457 AND 1649



Models 0457/1649

LD21768

FIGURE 4 - UNIT ASSEMBLY - MODELS 0457 AND 1649

TABLE 4 - BASE ASSEMBLY

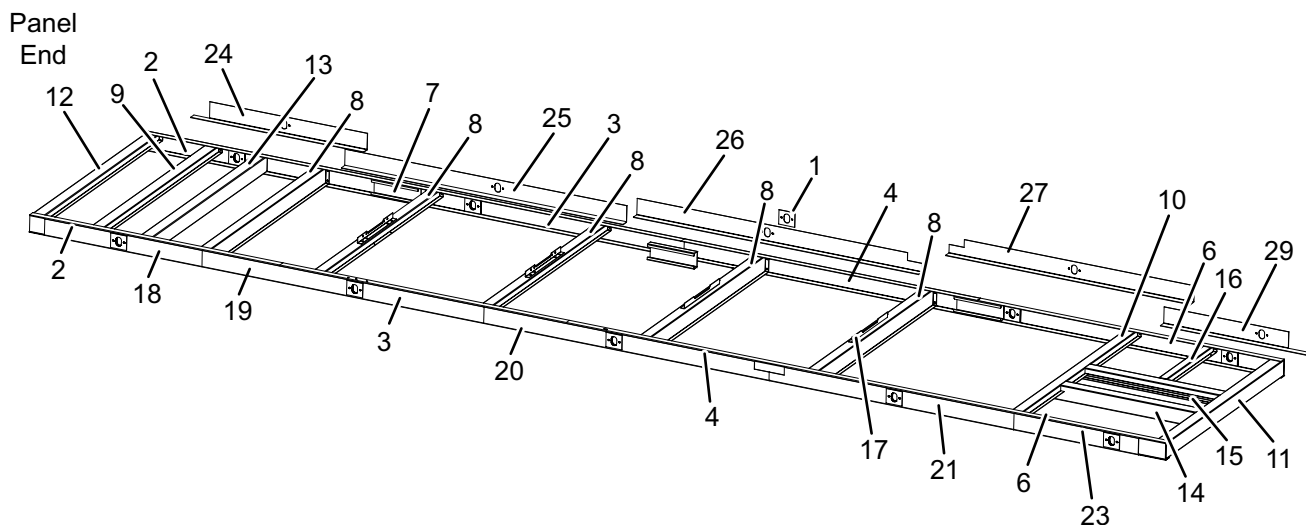
ITEM	MODEL	DESCRIPTION	PART NUMBER	SAP	FIGURE
1	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Plate Lifting Reinforcing	075-65620-000	561203	5, 6
2	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Channel Side End	075-65621-000	755429	5, 6
3	0267/1050, 0287/1070	Channel Side	075-71892-000	756986	5, 6
	0287/1120,		075-71900-000	756992	
	0307/1180		075-70788-000	756400	
	0327/1220, 0357/1340, 0357/1380, 0397/1500		075-70232-000	756168	
4	0267/1050, 0287/1070	Channel Side	075-71893-000	756987	5, 6
	0287/1120,		075-71905-000	756996	
	0307/1180		075-70789-000	756401	
	0327/1220, 0357/1340		075-70233-000	756169	
	0357/1380, 0397/1500		075-70797-000	756409	
5	0357/1380, 0397/1500	Channel Side	075-70796-000	756408	6
6	0267/1050, 0287/1070	Channel Side End	075-70787-000	756399	5, 6
	0287/1120,		075-70234-000	756170	
	0307/1180		075-70787-000	756399	
	0327/1220, 0357/1340		075-70234-000	756170	
	0357/1380, 0397/1500		075-70787-000	756399	
7	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Channel Side Connection	075-65622-000	755430	5, 6
8	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Channel Support Cooler	075-65623-000	676643	5, 6
9	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Channel Rail End Support	075-65624-000	755432	5, 6
10	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Channel Rail Support	075-70243-000	756179	5, 6
11	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Channel Rail End Support	075-70242-000	756178	5, 6
12	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Channel Rail End Support	075-65627-000	755435	5, 6

TABLE 4 - BASE ASSEMBLY (CONT'D)

ITEM	MODEL	DESCRIPTION	PART NUMBER	SAP	FIGURE
13	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Channel Rail End Support	075-65628-000	755436	5, 6
14	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Channel Rail Support	075-70241-000	756177	5, 6
15	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Channel Rail Support	075-70244-000	756180	5, 6
16	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Channel Rail Support	075-70245-000	756181	5, 6
17	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	Bracket Cooler	075-55617-000	753101	5, 6
18	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	L-Section Side End	075-70235-000	756171	5, 6
19	0267/1050, 0287/1070	L-Section Side	075-71894-000	756988	5, 6
	0287/1120,		075-71906-000	756997	
	0307/1180		075-70790-000	756402	
	0327/1220, 0357/1340, 0357/1380, 0397/1500		075-70236-000	756172	
20	0267/1050, 0287/1070, 0307/1180	L-Section Side	075-70792-000	756404	5, 6
	0287/1120, 0327/1220, 0357/1340		075-70779-000	756391	
	0357/1380, 0397/1500		075-70820-000	756428	
21	0267/1050, 0287/1070	L-Section Side	075-71895-000	756989	5, 6
	0287/1120,		075-71907-000	756998	
	0307/1180		075-70793-000	756405	
	0327/1220, 0357/1340		075-70780-000	756392	
	0357/1380, 0397/1500		075-70821-000	756429	
22	0357/1380, 0397/1500	L-Section Side	075-70822-000	756430	6
23	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	L-Section Side End	075-70781-000	756393	5, 6
24	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	L-Section Side End	075-70782-000	756394	5, 6

TABLE 4 - BASE ASSEMBLY (CONT'D)

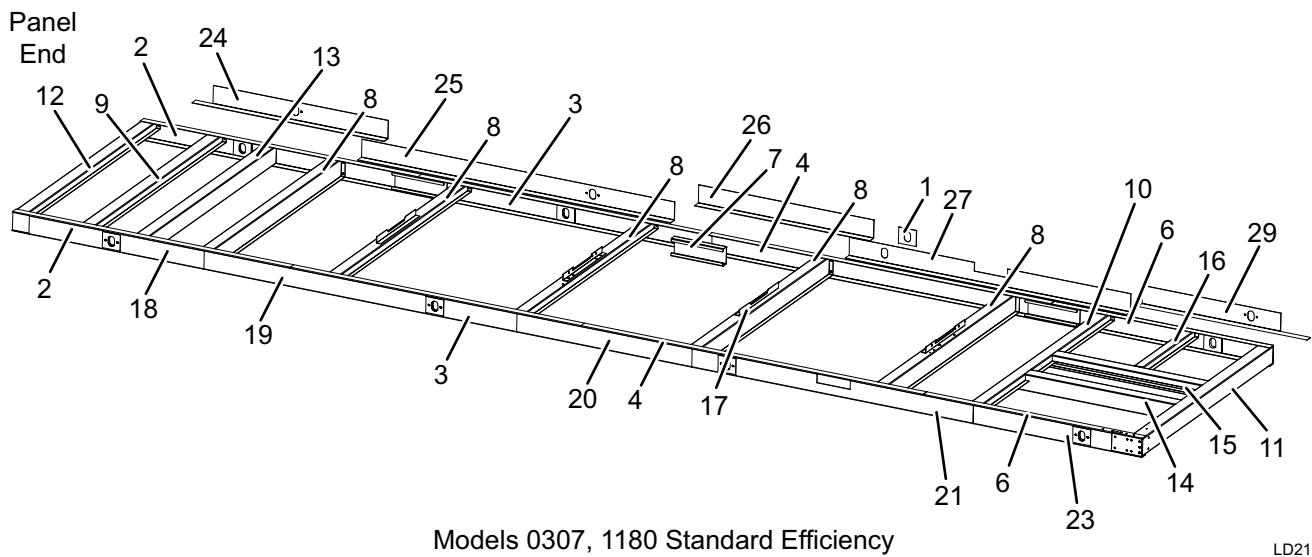
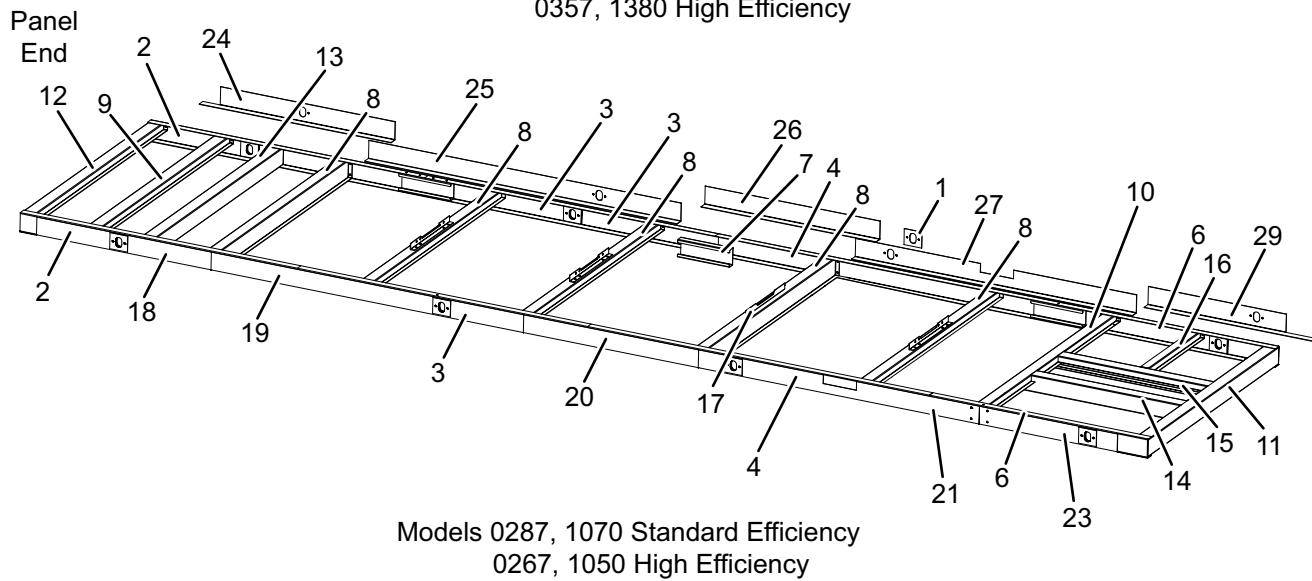
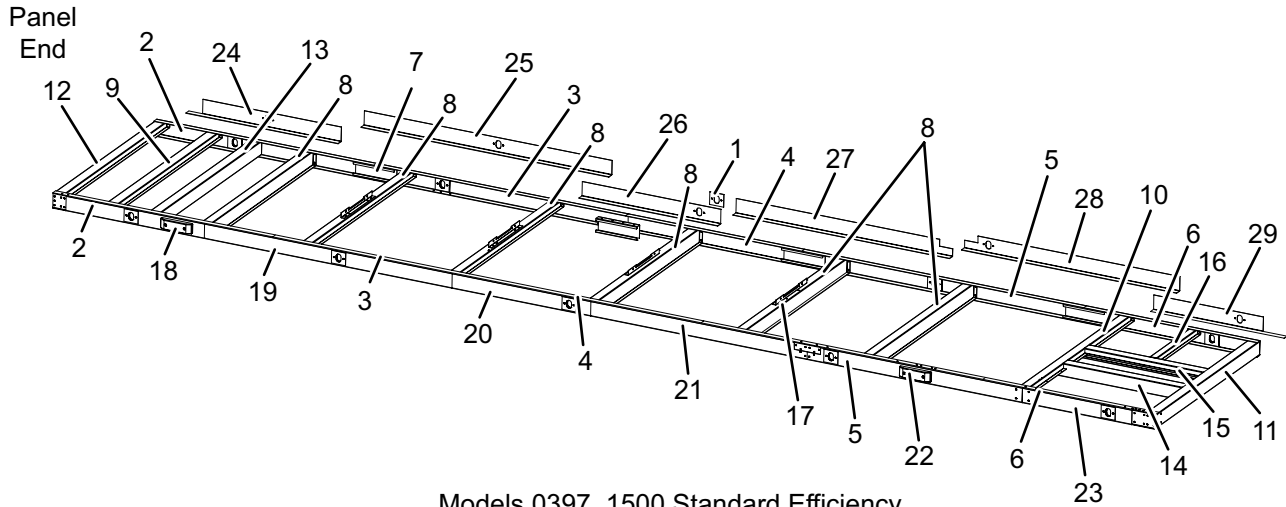
ITEM	MODEL	DESCRIPTION	PART NUMBER	SAP	FIGURE
25	0267/1050, 0287/1070	L-Section Side	075-71896-000	756990	5, 6
	0287/1120,		075-71908-000	756999	
	0307/1180		075-70791-000	756403	
	0327/1220, 0357/1340, 0357/1380, 0397/1500		075-70783-000	756395	
26	0267/1050, 0287/1070, 0307/1180	L-Section Side	075-70794-000	756406	5, 6
	0287/1120, 0327/1220, 0357/1340		075-70784-000	756396	
	0357/1380, 0397/1500		075-70823-000	756431	
27	0267/1050, 0287/1070	L-Section Side	075-71897-000	756991	5, 6
	0287/1120,		075-71909-000	757000	
	0307/1180		075-70795-000	756407	
	0327/1220, 0357/1340		075-70785-000	756397	
	0357/1380, 0397/1500		075-70824-000	756432	
28	0357/1380, 0397/1500	L-Section Side	075-70825-000	756433	6
29	0267/1050, 0287/1070, 0287/1120, 0307/1180, 0327/1220, 0357/1340, 0357/1380, 0397/1500	L-Section Side End	075-70786-000	756398	5, 6



Models 0357, 1340 Standard Efficiency
0327, 1220 High Efficiency
0287, 1120 High Efficiency

LD21793

FIGURE 5 - BASE ASSEMBLY

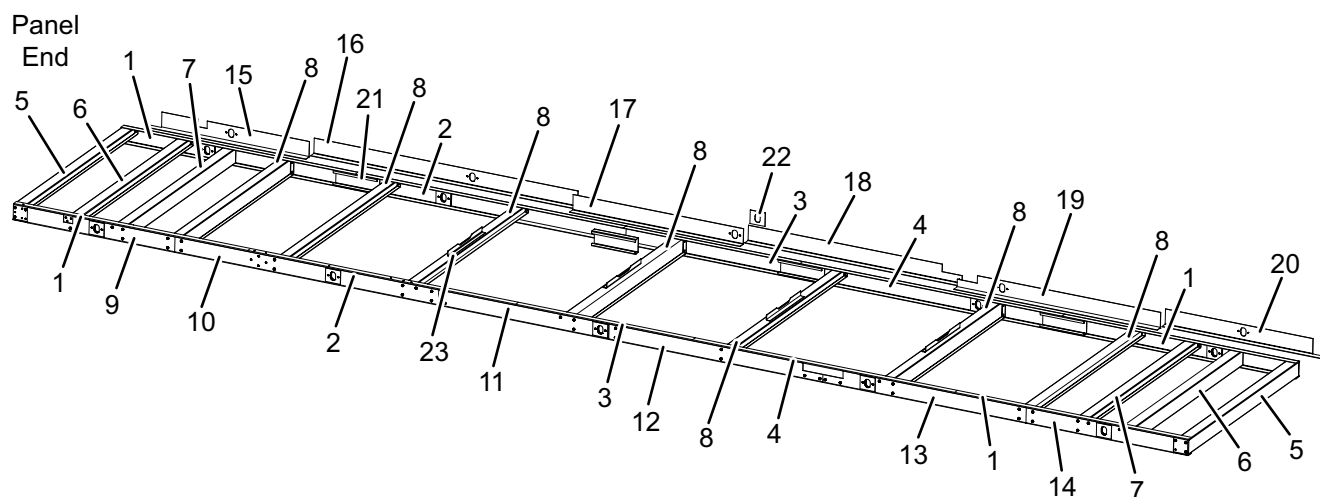


LD21575

FIGURE 6 - BASE ASSEMBLY

TABLE 5 - BASE ASSEMBLY - MODELS 0457 AND 1649

ITEM	DESCRIPTION	PART NUMBER	SAP	QUANTITY	FIGURE
1	Channel Side End	075-93611-000	761571	4	7
2	Channel Side	075-93612-000	761572	2	7
3	Channel Side	075-93613-000	761573	2	7
4	Channel Side	075-93614-000	761574	2	7
5	Channel Rail End Support	075-65627-000	755435	2	7
6	Channel Rail End Support	075-65624-000	755432	2	7
7	Channel Rail End Support	075-65628-000	755436	2	7
8	Channel Support Cooler	075-65623-000	676643	7	7
9	L-Section Side End	075-93615-000	761575	1	7
10	L-Section Side	075-93616-000	761576	1	7
11	L-Section Side	075-93617-000	761577	1	7
12	L-Section Side	075-93618-000	761578	1	7
13	L-Section Side	075-93619-000	761579	1	7
14	L-Section Side End	075-93620-000	761580	1	7
15	L-Section Side End	075-93626-000	761586	1	7
16	L-Section Side	075-93625-000	761585	1	7
17	L-Section Side	075-93624-000	761584	1	7
18	L-Section Side	075-93623-000	761583	1	7
19	L-Section Side	075-93622-000	761582	1	7
20	L-Section Side End	075-93621-000	761581	1	7
21	Channel Side Connection	075-65622-000	755430	8	7
22	Plate Lifting Reinforcing	075-65620-000	561203	50	7
23	Bracket Cooler	075-60995-000	754215	4	7



Models 0457, 1649 Standard Efficiency

LD21576

FIGURE 7 - BASE ASSEMBLY - MODELS 0457 AND 1649

TABLE 6 - VSD CONTROL PANEL - MODELS 0267, 0287, 0307, 0327, 1050, 1070, 1120, 1180, 1220

ITEM	FANS	DESCRIPTION	PART NUMBER	SAP	QUANTITY	FIGURE
1	All	Kit, Enclosure 3 Compr	371-04179-301	772580	1	8
5	All	Relay Control DPST-No, 120 Vac	024-30441-000	664298	1	11
6	All	Standoff Vyper Drive 503Hp	371-03789-371	772343	9	10
7	All	Transformer Class 2	025-27911-000	1312	3	11
8	All	Shield 3 Compr Right	071-05187-000	749199	1	8
9	All	Shielded 2/3 Compr	071-05184-000	749198	1	8
15	All	Fuseholder-Modular, 1-Pole	025-39951-000	359985	5	11
17	All	Control Vyper Voltage	031-02453-000	743895	1	11
18	All	Rail Mtg Fuse Block	071-04179-361	748871	1	11
19	All	Rail Mtg Fuse Block	071-04178-362	748850	1	11
20	All	Control Relay Board	031-02479-001	340702	1	8
22	All	Resistor, Power Wirewound	025-35953-000	117824	18	11
23	All	Capacitor DV/DT Network	025-39806-000	251765	9	11
24	All	Harness DVDT 3 Compr	571-04179-211	807022	1	11
25	All	Thermal Pad, Resistor, 3/4" Wide	028-15299-000	742121	18	11
27	All	Control Relay Board	031-02479-002	743909	1	8
28	All	Assy, I/O And Control Bd	331-03478-001	5003209	1	8
30	All	Standoff Drive	371-04178-371	772516	6	10
31	All	Control Tme Bus Isolator	031-01624-000	743779	1	11
32	All	Gasket Field Power	028-15246-000	742105	1	11
33	All	Gasket Customer Conn	028-15247-000	742106	1	11
34	All	Gasket Circuit Breaker	028-15248-000	742107	1	8
35	All	Gasket	028-15249-000	742108	1	11
37	All	Gasket Coil Drive	028-15251-000	742109	1	10
39	All	Terminal Drive	371-04178-356	772511	1	11
41	All	Cable Trig To Gate Driver	571-04179-251	807032	1	10
42	All	Cable Gate Driver	571-04178-281	427925	1	10
43	All	Cable Gate Driver	571-04178-282	427926	1	10
44	All	Cable Gate Driver	571-04179-281	807034	1	10
45	All	Strap Ground	525-37839-001	806679	4	9
46	All	Strap Grounding	525-32508-001	806677	3	9
54	All	Cable 2 Compr Cond Fan VSD Opt	571-04178-257	807005	1	9
55	All	Control Relay Board	031-02479-003	743910	1	8
59	All	EPROM, VSD Logic Board	031-03422-001	947511	1	8
60	All	Cable Tie	025-23241-000	556342	3	8
61	All	Switch Keypad	024-34930-000	247624	1	8
62	All	Display LCD	031-02508-000	743925	1	8
63	All	Switch, DPST, Two Position	024-34951-000	736122	1	8
64	All	Clamp Ribbon Wire, Gray	025-25156-000	737712	2	8
68	All	Cable Display/Cont Bd	571-04178-268	807013	1	8, 9
69	All	Cable Keypad/Cont Bd	571-04178-269	807014	1	8, 9
70	All	Cable Ribbon Relay	571-04178-263	807008	1	8
71	All	Cable Logic To Control	571-04179-271	807033	1	9
74	All	Rail Mtg Valve Controller	071-04178-363	748851	2	11

TABLE 6 - VSD CONTROL PANEL - MODELS 0267, 0287, 0307, 0327, 1050, 1070, 1120, 1180, 1220 (CONT'D)

ITEM	FANS	DESCRIPTION	PART NUMBER	SAP	QUANTITY	FIGURE
76	All	Clamp, End	025-29189-000	117471	10	11
77	All	Cable Ribbon Relay	571-04178-264	807009	1	8
85	All	Cable Ribbon Relay	571-04178-265	807010	1	8
86	All	Harness Shld Cables 3 Compr	571-04179-291	807035	1	9
88	All	Fuse, Semi Conductor	025-38523-000	739590	3	11
89	All	Base, Flat Cable Mount	025-42113-000	644640	1	8
90	All	Base, Flat Cable Mount	025-42114-000	644641	1	8
92	All	Fuse, Cartridge Type 15 Amp	025-34141-000	739008	1	11
93	All	Fuse, Cartridge Type 30 Amp	025-35910-000	739236	1	11
94	All	Fuse, Cartridge Type 6 Amp	025-35902-000	264466	2	11
95	All	Fuse, Cartridge Type 12 Amp	025-35906-000	652698	1	11
96	All	Fuse, Cartridge Type 17-1/2Amp	025-40149-000	342940	1	11
116	All	Block Term Base Flat	025-20944-000	62696	12	11
117	All	Block Term End	025-20946-000	618097	1	11
119	All	Support Drawing Bar	071-04178-368	748852	1	8
151	All	Lugs, Drive	371-04460-005	772714	1	8
152	All	Breaker Drive (460 Volt)	371-04459-106	772708	1	8
152-1		Calibrated Circuit Brkr, 1000A	224-34967-001	769672		9
152-2		Kit, Door Mtg., CB	024-34922-000	736118		9
152-3		Plate Circuit Breaker	371-04178-376	772518		9
152-4		Bus Bar Breaker Terminals	071-04459-306	748931		9
152-5		Bus Bar Breaker Terminals	071-04459-307	748932		9
152-6		Bus Bar Breaker Terminals	071-04459-308	748933		9
153	All	Plate W/O C.Bb.	371-04178-373	772517	1	8
154	All	Harness Pwr 3 Compr	571-04179-202	807019	1	10
	HS/HA	Harness Pwr 3 Compr	571-04179-204	807021		
156	All	Lug Elec Wire Range 6 Awg	025-20625-000	117249	4	11
157	All	Inductor Drive 3 Compr	025-39676-000	342937	1	10
158	All	Plate	071-04178-339	748842	1	11
166	All	Control Vyper Trigger Board	031-02060-001	743858	1	11
	All	Control Vyper Trigger Board (50Hz)	031-02060-002	63166		
167	All	Transformer, 3KVA, 380:120Vac (380 Volt)	025-40114-008	739756	1	11
		Transformer, 3KVA, 480:120Vac; (460 Volt)	025-40114-003	739752		
		Transformer, 3KVA, 400:120Vac (50Hz)	025-40114-006	739755		
169	All	Fan Assy 3 Compr 60Hz	371-04179-501	772590	1	10
		Fan Assy 3 Compr 50Hz	371-04179-503	772592		
171	All	Flash Control VSD (380 Volt, 50Hz)	031-02649-002	743996	1	8
		Flash Control VSD (460 Volt)	031-02649-001	419448		
172	All	Power Assy 3 Compr	371-04192-101	772696	1	10
173	LS/UQ/TS	Contactor Drive	371-04179-359	772585	1	11
	HS/HA	Contactor Drive	371-04179-384	772588		
174	LS/UQ/TS	Harness Main 3 Compr	571-04179-221	807023	1	9
	HS/HA	Harness Main 3 Compr High Amb	571-04179-226	807024		
175	LS/UQ/TS	C.T. System #1	371-04178-365	772513	1	10

TABLE 6 - VSD CONTROL PANEL - MODELS 0267, 0287, 0307, 0327, 1050, 1070, 1120, 1180, 1220 (CONT'D)

ITEM	FANS	DESCRIPTION	PART NUMBER	SAP	QUANTITY	FIGURE
176	LS/UQ/TS	C.T. System #2	371-04178-367	772514	1	10
177	LS/UQ/TS	Fuseholder-Modular, 3-Pole	025-39952-000	343433	4	11
178	LS/UQ/TS	Fuse, Semi, 1100A, 600V	025-39682-000	545912	3	10
	HS/HA	Fuse, Semi, 1250A, 700V	025-40764-000	703413		
181	All	Harness Pwr 3 Compr	571-04179-201	807018	1	10
182	All	Fuse, Cartridge Type 30 Amp	025-39683-000	739699	9	11
183	All	Transformer Drive	371-04179-365	772586	1	10
184	All	Fuse, Cartridge Type 17-1/2Amp (380 Volt, 50Hz)	025-40149-000	342940	2	11
		Fuse, Cartridge Type 15 Amp (460 Volt)	025-35907-000	117822		
185	All	Shield, Breaker Terminal (50 Hz)	024-36075-000	645408	1	8
*186	All	Control, VSD Logic Board	031-02507-101	743923	1	8
190	LS/UQ/TS	Stepper Motor (ETS 250) EEV	031-02742-000	744082	2	11

NOTE:

* Do not sell VSD Logic Board by itself. Must order VSD Logic Board Kit when replacing the Logic Board.

Must Order VSD Logic Board Kit (331-02507-605 when replacing logic board (kit includes EPROMs and PWM Generator -59 & -171.

TABLE 7 - VSD CONTROL PANEL - MODELS 0357, 0397, 1340, 1380, 1500

ITEM	FANS	DESCRIPTION	PART NUMBER	SAP	QUANTITY	FIGURE
1	All	Kit, Enclosure 3 Compr	371-04179-301	772580	1	8
5	All	Relay Control DPST-No, 120 Vac	024-30441-000	664298	1	11
6	All	Standoff Vyper Drive 503Hp	371-03789-371	772343	9	10
7	All	Transformer Class 2	025-27911-000	1312	3	11
8	All	Shield 3 Compr Right	071-05187-000	749199	1	8
9	All	Shielded 2/3 Compr	071-05184-000	749198	1	8
15	All	Fuseholder-Modular, 1-Pole	025-39951-000	359985	5	11
17	All	Control Vyper Voltage	031-02453-000	743895	1	11
18	All	Rail Mtg Fuse Block	071-04179-361	748871	1	11
19	All	Rail Mtg Fuse Block	071-04178-362	748850	1	11
20	All	Control Relay Board	031-02479-001	340702	1	8
22	All	Resistor, Power Wirewound	025-35953-000	117824	18	11
23	All	Capacitor DV/DT Network	025-39806-000	251765	9	11
24	All	Harness DVDT 3 Compr	571-04179-211	807022	1	11
25	All	Thermal Pad, Resistor, 3/4" Wide	028-15299-000	742121	18	11
27	All	Control Relay Board	031-02479-002	743909	1	8
28	All	Assy, I/O And Control Bd	331-03478-001	5003209	1	8
30	All	Standoff Drive	371-04178-371	772516	6	10
31	All	Control Tme Bus Isolator	031-01624-000	743779	1	11
32	All	Gasket Field Power	028-15246-000	742105	1	11
33	All	Gasket Customer Conn	028-15247-000	742106	1	11
34	All	Gasket Circuit Breaker	028-15248-000	742107	1	8
35	All	Gasket	028-15249-000	742108	1	11
37	All	Gasket Coil Drive	028-15251-000	742109	1	10
39	All	Terminal Drive	371-04178-356	772511	1	11
41	All	Cable Trig To Gate Driver	571-04179-251	807032	1	10
42	All	Cable Gate Driver	571-04178-281	427925	1	10
43	All	Cable Gate Driver	571-04178-282	427926	1	10
44	All	Cable Gate Driver	571-04179-281	807034	1	10
45	All	Strap Ground	525-37839-001	806679	4	9
46	All	Strap Grounding	525-32508-001	806677	3	9
54	All	Cable 2 Compr Cond Fan VSD Opt	571-04178-257	807005	1	9
55	All	Control Relay Board	031-02479-003	743910	1	8
59	All	EPROM, VSD Logic Board	031-03422-001	947511	1	8
60	All	Cable Tie	025-23241-000	556342	3	8
61	All	Switch Keypad	024-34930-000	247624	1	8
62	All	Display LCD	031-02508-000	743925	1	8
63	All	Switch, DPST, Two Position	024-34951-000	736122	1	8
64	All	Clamp Ribbon Wire, Gray	025-25156-000	737712	2	8
68	All	Cable Display/Cont Bd	571-04178-268	807013	1	8, 9
69	All	Cable Keypad/Cont Bd	571-04178-269	807014	1	8, 9
70	All	Cable Ribbon Relay	571-04178-263	807008	1	8
71	All	Cable Logic To Control	571-04179-271	807033	1	9
74	All	Rail Mtg Valve Controller	071-04178-363	748851	2	11

TABLE 7 - VSD CONTROL PANEL - MODELS 0357, 0397, 1340, 1380, 1500 (CONT'D)

ITEM	FANS	DESCRIPTION	PART NUMBER	SAP	QUANTITY	FIGURE
76	All	Clamp, End	025-29189-000	117471	10	11
77	All	Cable Ribbon Relay	571-04178-264	807009	1	8
85	All	Cable Ribbon Relay	571-04178-265	807010	1	8
86	All	Harness Shld Cables 3 Compr	571-04179-291	807035	1	9
88	All	Fuse, Semi Conductor	025-38523-000	739590	3	11
89	All	Base, Flat Cable Mount	025-42113-000	644640	1	8
90	All	Base, Flat Cable Mount	025-42114-000	644641	1	8
92	All	Fuse, Cartridge Type 15 Amp	025-34141-000	739008	1	11
93	All	Fuse, Cartridge Type 30 Amp	025-35910-000	739236	1	11
94	All	Fuse, Cartridge Type 6 Amp	025-35902-000	264466	2	11
95	All	Fuse, Cartridge Type 12 Amp	025-35906-000	652698	1	11
96	All	Fuse, Cartridge Type 17-1/2Amp	025-40149-000	342940	1	11
116	All	Block Term Base Flat	025-20944-000	62696	12	11
117	All	Block Term End	025-20946-000	618097	1	11
119	All	Support Drawing Bar	071-04178-368	748852	1	8
151	All	Lugs Drive	371-04460-005	772714	1	8
152	All	Breaker Drive (380 Volt, 50Hz)	371-04459-109	720146	1	8
152-1		Calibrated Circuit Brkr, 1200A	224-34968-001	769673		9
152-2		Kit, Door Mtg., CB	024-34922-000	736118		9
152-3		Plate Circuit Breaker	371-04178-376	772518		9
152-4		Bus Bar Breaker Terminals	071-04459-306	748931		9
152-5		Bus Bar Breaker Terminals	071-04459-307	748932		9
152-6		Bus Bar Breaker Terminals	071-04459-308	748933		9
152	All	Breaker Drive (460 Volt)	371-04459-106	772708	1	8
152-1		Calibrated Circuit Brkr, 1000A	224-34967-001	769672		9
152-2		Kit, Door Mtg., CB	024-34922-000	736118		9
152-3		Plate Circuit Breaker	371-04178-376	772518		9
152-4		Bus Bar Breaker Terminals	071-04459-306	748931		9
152-5		Bus Bar Breaker Terminals	071-04459-307	748932		9
152-6		Bus Bar Breaker Terminals	071-04459-308	748933		9
153	All	Plate W/O C.B.	371-04178-373	772517	1	8
154	LS/UQ/TS	Harness Pwr 3 Compr (380 Volt, 50 Hz)	571-04179-204	807021	1	10
		Harness Pwr 3 Compr (460 Volt)	571-04179-202	807019		
	HS/HA	Harness Pwr 3 Compr	571-04179-204	807021		
156	All	Lug Elec Wire Range 6 Awg	025-20625-000	117249	4	11
157	All	Inductor Drive 3 (380 Volt, 50 Hz)	025-40741-000	739922	1	10
		Inductor Drive 3 Compr (460 Volt)	025-39676-000	342937		
158	All	Plate	071-04178-339	748842	1	11
166	All	Control Vyper Trigger Board (60 Hz)	031-02060-001	743858	1	11
		Control Vyper Trigger Board (50 Hz)	031-02060-002	63166		
167	All	Transformer, 3KVA, 380:120Vac (380 Volt)	025-40114-008	739756	1	11
		Transformer 3KVA, 480:120 Vac; (460 Volt)	025-40114-003	739752		
		Transformer, 3KVA, 400:120 Vac (50 Hz)	025-40114-006	739755		

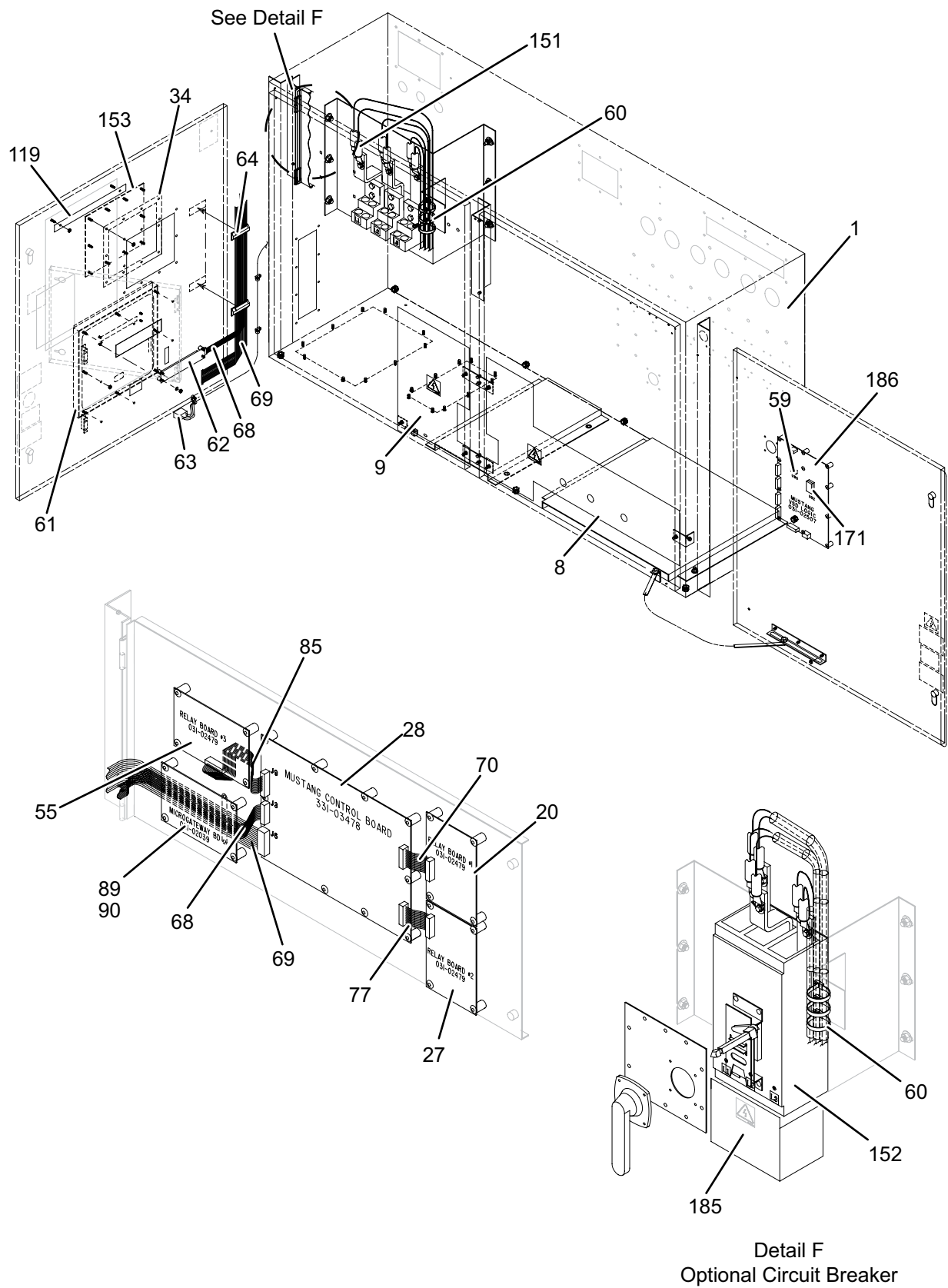
TABLE 7 - VSD CONTROL PANEL - MODELS 0357, 0397, 1340, 1380, 1500 (CONT'D)

ITEM	FANS	DESCRIPTION	PART NUMBER	SAP	QUANTITY	FIGURE
169	All	Fan Assy 3 Compr 60Hz (380 Volt)	371-04179-512	772595	1	10
		Fan Assy 3 Compr 60Hz (460 Volt)	371-04179-501	772590		
		Fan Assy 3 Compr 50Hz	371-04179-514	772597		
171	All	Flash Control VSD (380 Volt, 50 Hz)	031-02649-003	419449	1	8
		Flash Control VSD (460 Volt)	031-02649-001	419448		
172	LS/UQ/TS	Power Assy 3 Compr Ending (380 Volt, 50Hz)	371-04192-102	772697	1	10
		Power Assy 3 Compr (460 Volt)	371-04192-101	772696		
	HS/HA	Power Assy 3 Compr Ending	371-04192-102	772697		
173	LS/UQ/TS	Contactor Drive	371-04179-359	772585	1	11
	HS/HA		371-04179-384	772588		
174	LS/UQ/TS	Harness Main 3 Compr	571-04179-221	807023	1	9
	HS/HA	Harnesss Main 3 Compr High Amb	571-04179-226	807024		
175	All	C.T. System #1 (380 Volt, 50 Hz)	371-04178-369	772515	1	10
		C.T. System #1 (460 Volt)	371-04178-365	772513		
176	All	C.T. System #2 (380 Volt, 50 Hz)	371-04178-378	772519	1	10
		C.T. System #2 (460 Volt)	371-04178-367	772514		
177	All	Fuseholder-Modular, 3-Pole	025-39952-000	343433	4	11
178	LS/UQ/TS	Fuse, Semi, 1400A, 700V (380 Volt, 50 Hz)	025-40787-000	704041	3	10
		Fuse, Semi, 1100A, 600V (460 Volt)	025-39682-000	545912		
	HS/HA	Fuse, Semi, 1400A, 700V (380 Volt, 50 Hz)	025-40787-000	704041		
		Fuse, Semi, 1250A, 700V (460 Volt)	025-40764-000	703413		
181	All	Harness Pwr 3 Compr (380 Volt, 50 Hz)	571-04179-203	807020	1	10
		Harness Pwr 3 Compr (460 Volt)	571-04179-201	807018		
182	All	Fuse, Cartridge Type 30 Amp	025-39683-000	739699	9	11
183	All	Transformer Drive (380 Volt, 50 Hz)	371-04179-366	772587	1	10
		Transformer Drive (460 Volt)	371-04179-365	772586		
184	All	Fuse, Cartridge Type 17-1/2Amp (380 Volt, 50 Hz)	025-40149-000	342940	2	11
		Fuse, Cartridge Type 15 Amp (460 Volt)	025-35907-000	117822		
185	All	Shield, Breaker Terminal (50 Hz)	024-36075-000	645408	1	8
186	All	Control VSD Logic Brd	031-02507-001	348254	1	8

NOTE:

* Do not sell VSD Logic Board by itself. Must order VSD Logic Board Kit when replacing the Logic Board.

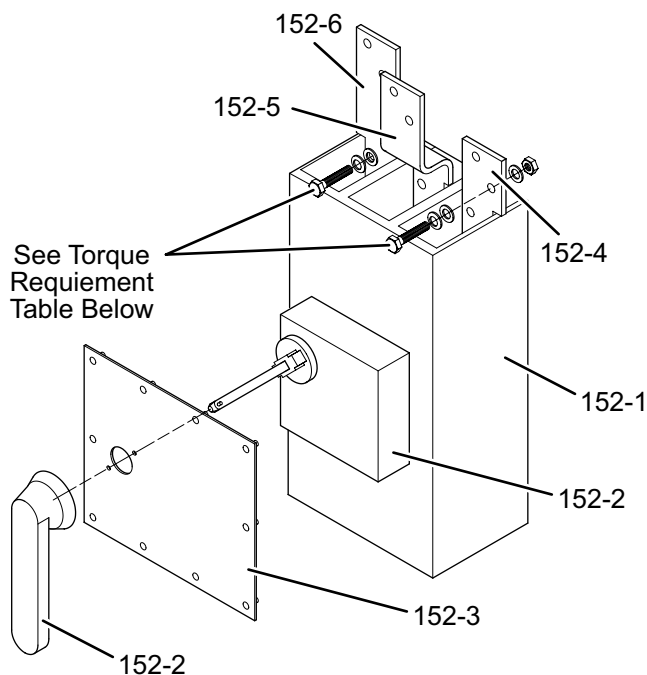
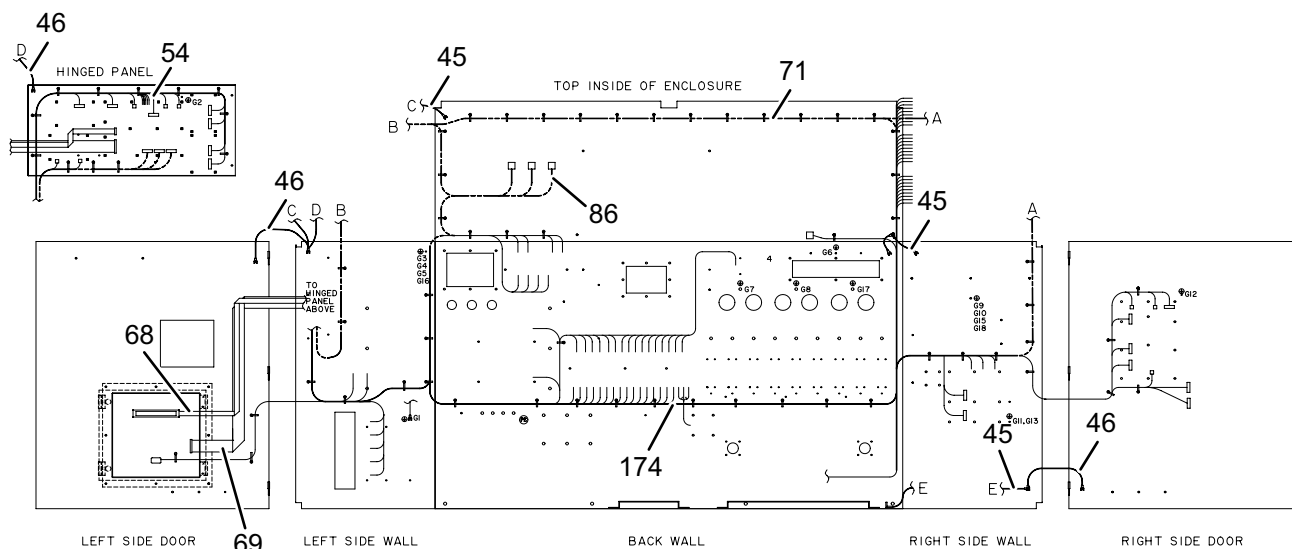
Must Order VSD Logic Board Kit (331-02507-604 when replacing logic board (kit includes EPROMs and PWM Generator -59 & -171.



LD21566

FIGURE 8 - VSD CONTROL PANEL

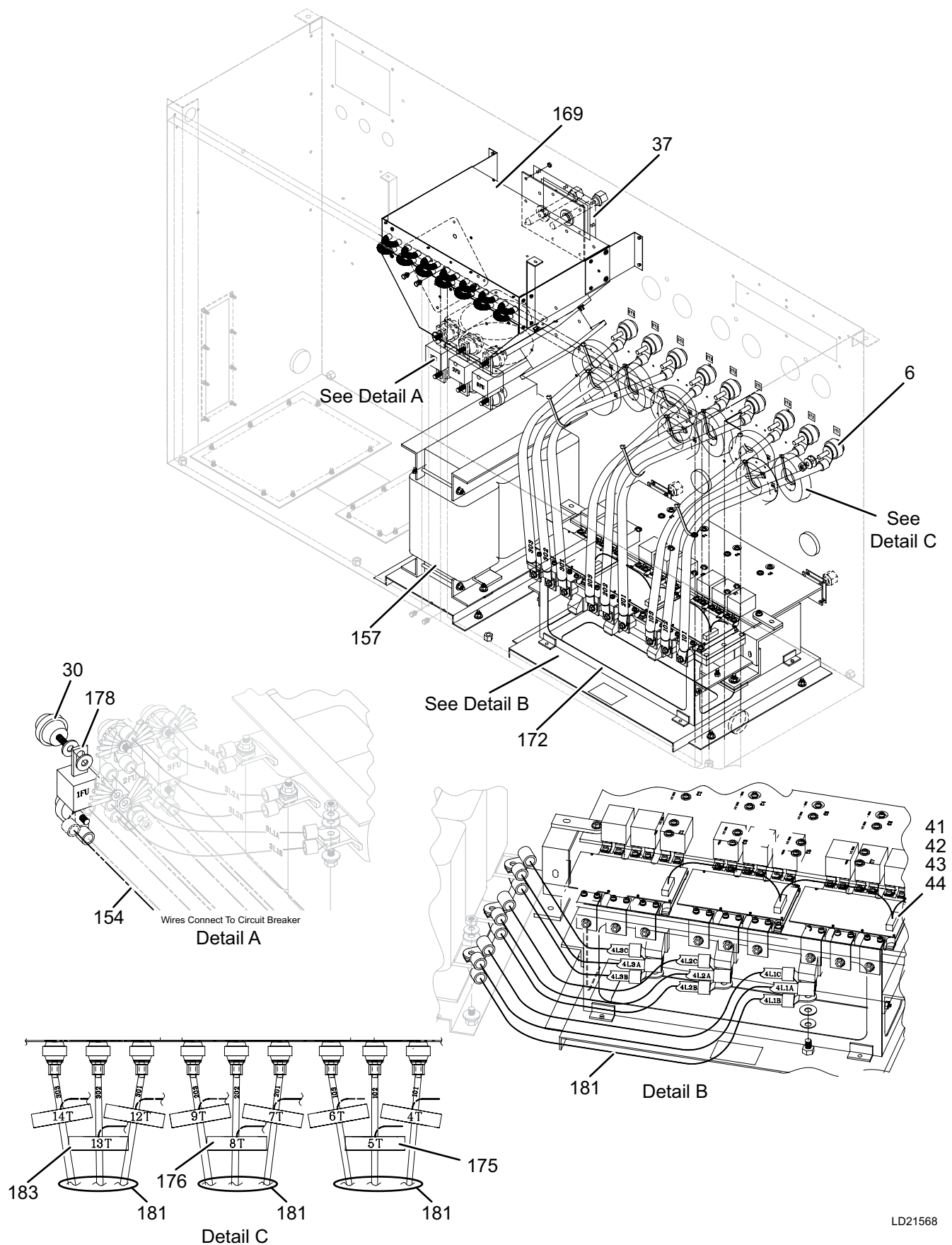
INSIDE PANEL



LD21567

TORQUE REQUIREMENTS								
371-044459-001	371-04459-002	371-04459-003	371-04459-004	371-04459-005	371-04459-006	371-04459-007	371-04459-008	371-4459-009
600AMP, 4 Comp 460V (Except High Ambient) 4 comp, 380/400V w/o Auto X-FMR	800 AMP, 4 Comp 380V, 4 Comp 400V, 3 Comp 575V	1000 AMP, 3 Comp 400V	1200 AMP, 3 Comp 380V 3 Comp 400V (High Ambient)	600 AMP, 4 Comp 575V	100 AMP, 3 Comp 460V 3 Comp 380/400V w/o Auto X-FMR	800 AMP, 4 Comp 380/400V w/o Auto X-FMR (High Ambient)	800 AMP, 4 Comp 460V (High Ambient)	1200 AMP, 3 Comp 380/400V W/o Auto X-FMR
Hand Tighten Only	355-395 IN. - LBS.	355-395 IN. - LBS.	355-395 IN. - LBS.	75-85 IN.-LBS.	355-395 IN. - LBS.	355-395 IN. - LBS.	Hand Tighten Only	355-395 IN. - LBS.

FIGURE 9 - VSD CONTROL PANEL



LD21568

FIGURE 10 - VSD CONTROL PANEL

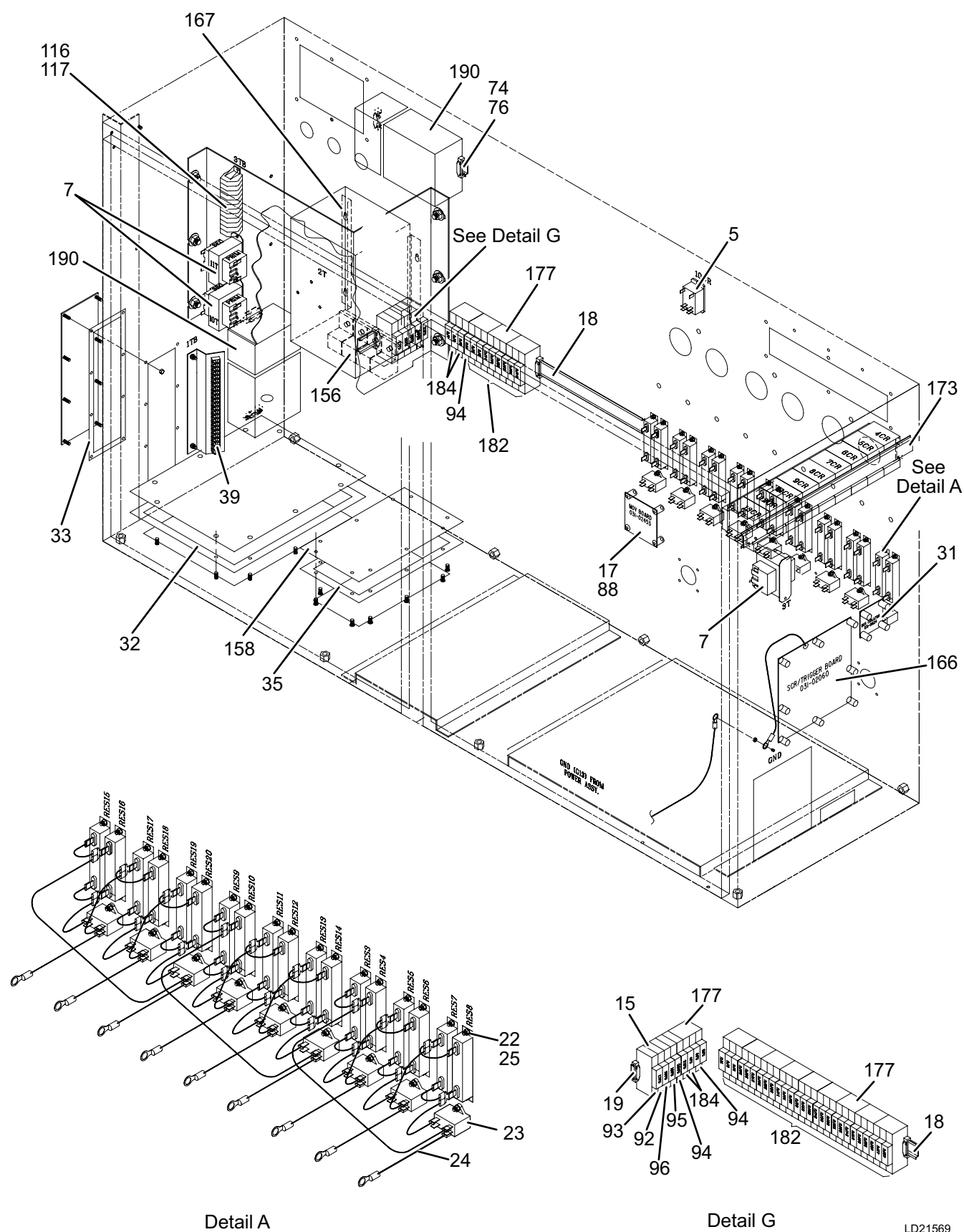


FIGURE 11 - VSD CONTROL PANEL

TABLE 8 - VSD CONTROL PANEL - MODELS 0457 AND 1649 HIGH STATIC OR HIGH AIR FLOW FANS

ITEM	DESCRIPTION	PART NUMBER	SAP	QUANTITY	FIGURE
1	Kit, Enclosure 4 Compr	371-04180-301	772650	1	15
5	Relay Control DPST-No, 120 Vac	024-30441-000	664298	2	13
6	Standoff Vyper Drive 503Hp	371-03789-371	772343	12	14
7	Transformer Class 2	025-27911-000	1312	3	13, 15
8	Shield 4 Compr Rt Side	071-05190-000	749200	1	15
9	Shield 4 Compr Lt Side	071-05191-000	749201	1	15
15	Fuseholder-Modular, 1-Pole	025-39951-000	359985	7	12, 13
17	Control Vyper Voltage	031-02453-000	743895	2	13
18	Rail Mtg Fuse Block	071-04180-361	748893	1	13
22	Resistor, Power Wirewound	025-35953-000	117824	24	13
23	Capacitor DV/DT Network	025-39806-000	251765	12	13
24	Harness DVDT 4 Compr	571-04180-211	807041	1	13
25	Thermal Pad, Resistor, 3/4" Wide	028-15299-000	742121	24	13
27	Control Relay Board	031-02479-002	743909	1	15
28	Assy, I/O And Control Bd	331-03478-001	5003209	1	15
30	Standoff Drive	371-04178-371	772516	12	12
31	Control Relay Board	031-02479-001	340702	2	15
32	Gasket Field Power	028-15246-000	742105	1	13
33	Gasket Customer Conn	028-15247-000	742106	1	13
34	Gasket Circuit Breaker	028-15248-000	742107	2	15
35	Gasket	028-15249-000	742108	2	13
36	Gasket Keypad/Display	028-15250-000	359991	1	15
37	Gasket Coil Drive	028-15251-000	742109	2	12
39	Terminal Drive	371-04178-356	772511	1	13
41	Cable Trig #1 To Gate Driver	571-04180-251	807048	1	12
42	Cable Gate Driver To Logic Bd	571-04180-281	807051	1	12
43	Cable Gate Driver To Logic Bd	571-04180-282	807052	1	12
54	Cable 2 Compr Cond Fan VSD Opt	571-04178-258	807006	1	14
59	EPROM, VSD Logic Board	031-03422-001	947511	1	15
61	Switch Keypad	024-34930-000	247624	1	15
62	Display LCD	031-02508-000	743925	1	15
63	Switch, DPST, Two Position	024-34951-000	736122	1	15
64	Clamp Ribbon Wire, Gray	025-25156-000	737712	3	15
68	Cable Display To Micro	571-04178-266	807011	1	15
69	Cable Keypad To Micro	571-04178-267	807012	1	15
70	Cable Ribbon Relay	571-04178-263	807008	1	15
72	Stepper Motor (ETS 250) EEV	031-02742-000	744082	2	13
74	Rail Mtg Valve Controller	071-04178-363	748851	2	13
77	Cable Ribbon Relay	571-04178-264	807009	1	15
85	Base, Flat Cable Mount	025-42113-000	644640	1	15
86	Harness Shld Cable 4 Compr	571-04180-291	807055	1	14
87	Base, Flat Cable Mount	025-42114-000	644641	1	15
88	Fuse, Semi Conductor	025-38523-000	739590	6	13
91	Fuse, Cartridge Type 6 Amp	025-35902-000	264466	2	13
92	Fuse, Cartridge Type 15 Amp	025-34141-000	739008	2	12, 13
93	Fuse, Cartridge Type 20 Amp	025-35908-000	117823	2	12, 13
94	Fuse, Cartridge Type 3 Amp	025-40353-000	739798	1	12, 13
95	Fuse, Cartridge Type 17-1/2Amp	025-40149-000	342940	2	12, 13
96	Cable Ribbon Relay	571-04178-265	807010	1	15

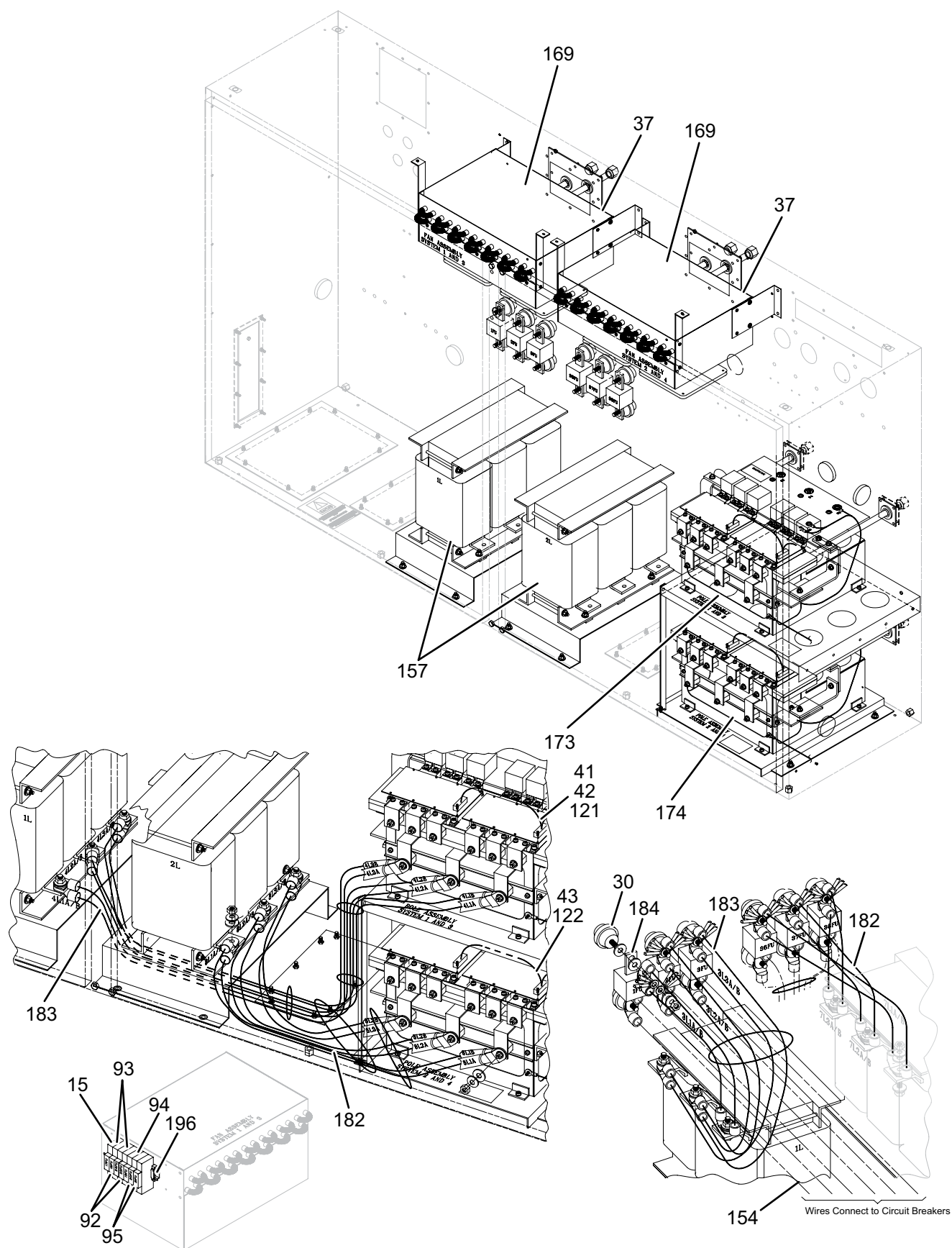
TABLE 8 - VSD CONTROL PANEL - MODELS 0457 AND 1649 HIGH STATIC OR HIGH AIR FLOW FANS (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP	QUANTITY	FIGURE
116	Block Term Base Flat	025-20944-000	62696	12	13
117	Block Term End	025-20946-000	618097	1	13
121	Cable Gate Driver To Logic Bd	571-04180-283	807053	1	12
122	Cable Gate Driver To Logic Bd	571-04180-284	807054	1	12
151	Lugs Drive	371-04460-006	772715	2	15
152	Breaker Drive	371-04459-107	772709	2	15
152-1	Calibrated Circuit Brkr, 1200A	224-34968-001	769673	1	15
152-2	Kit, Door Mtg., CB	024-34922-000	736118	1	15
152-3	Plate Circuit Breaker	371-04178-376	772518	1	15
152-4	Bus Bar Breaker Terminals	071-04459-306	748931	1	15
152-5	Bus Bar Breaker Terminals	071-04459-307	748932	1	15
152-6	Bus Bar Breaker Terminals	071-04459-308	748933	1	15
153	Plate W/O C.B.	371-04178-373	772517	2	15
154	Wiring Power 4 Compr (Pin 16 & 17 = Xx)	571-04180-245	807047	2	12
	Wiring Power 4 Compr (Pin 16 & 17 = Mr)	571-04180-242	807045		
156	Lug, Elec Sgl Bbl, #4-500 MCM	025-32835-000	738755	6	13
157	Inductor Drive 2/4	025-40742-000	739923	2	12
158	Plate Auto	071-04178-339	748842	2	13
166	Plate Trigger/Bus Bd Assy (60 Hz)	371-04180-351	772659	2	13
	Plate Trigger/Bus Bd Assy (50 Hz)	371-04180-352	772660		
167	Transformer, 3KVA, 380:120Vac 60Hz	025-40114-008	739756	1	13
	Transformer, 3KVA, 400:120Vac 50Hz	025-40114-006	739755		
169	Fan Assy 4 Compr 60Hz	371-04180-506	772674	1	12
	Fan Assy 4 Compr 50Hz	371-04180-507	772675		
171	Transformer, 2KVA, 380:120Vac 60Hz	025-40114-007	692407	1	13
	Transformer, 2KVA, 400:120Vac 50Hz	025-40114-005	739754		
172	Flash Control VSD	031-02649-003	419449	1	15
173	Power Assy 2/4 Compr	371-04181-105	772686	1	12
174	Power Assy 2/4 Compr	371-04181-106	772687	1	12
175	Contacto Assy. 4 Compr Hi Amb.	371-04180-384	854085	1	14
176	Harness, Main	571-04180-226	844866	1	14
177	C.T. Drive Sys # 1	371-04180-372	772666	1	14
178	C.T. Drive Sys #2	371-04180-373	772667	1	14
179	C.T. Drive Sys #3	371-04180-374	772668	1	14
180	C.T. Drive Sys #4	371-04180-375	772669	1	14
181	Fuseholder-Modular, 3-Pole	025-39952-000	343433	14	13
182	Wiring Power 4 Compr	571-04180-243	807046	1	12, 14
183	Wiring Power 4 Compr	571-04180-241	807044	1	12, 14
184	Fuse, Semi, 900A, 700V	025-40786-000	739934	6	12
185	Fuse, Cartridge Type 30 Amp	025-39683-000	739699	36	13
188	Shield, Breaker Terminal 50Hz	024-36075-000	645408	2	15
194	Fuse, Cartridge Type 17-1/2Amp	025-40149-000	342940	2	13
195	Fuse, Cartridge Type 12 Amp	025-35906-000	652698	2	13
196	Rail Mounting Fuse Block 4	071-04180-362	748894	1	12
199	Control VSD Logic Brd	031-02507-002	743922	1	15

NOTE:

* Do not sell VSD Logic Board by itself. Must order VSD Logic Board Kit when replacing the Logic Board.

Must Order VSD Logic Board Kit (331-02507-607 when replacing logic board (kit includes EPROMs and PWM Generator -59 & -171.

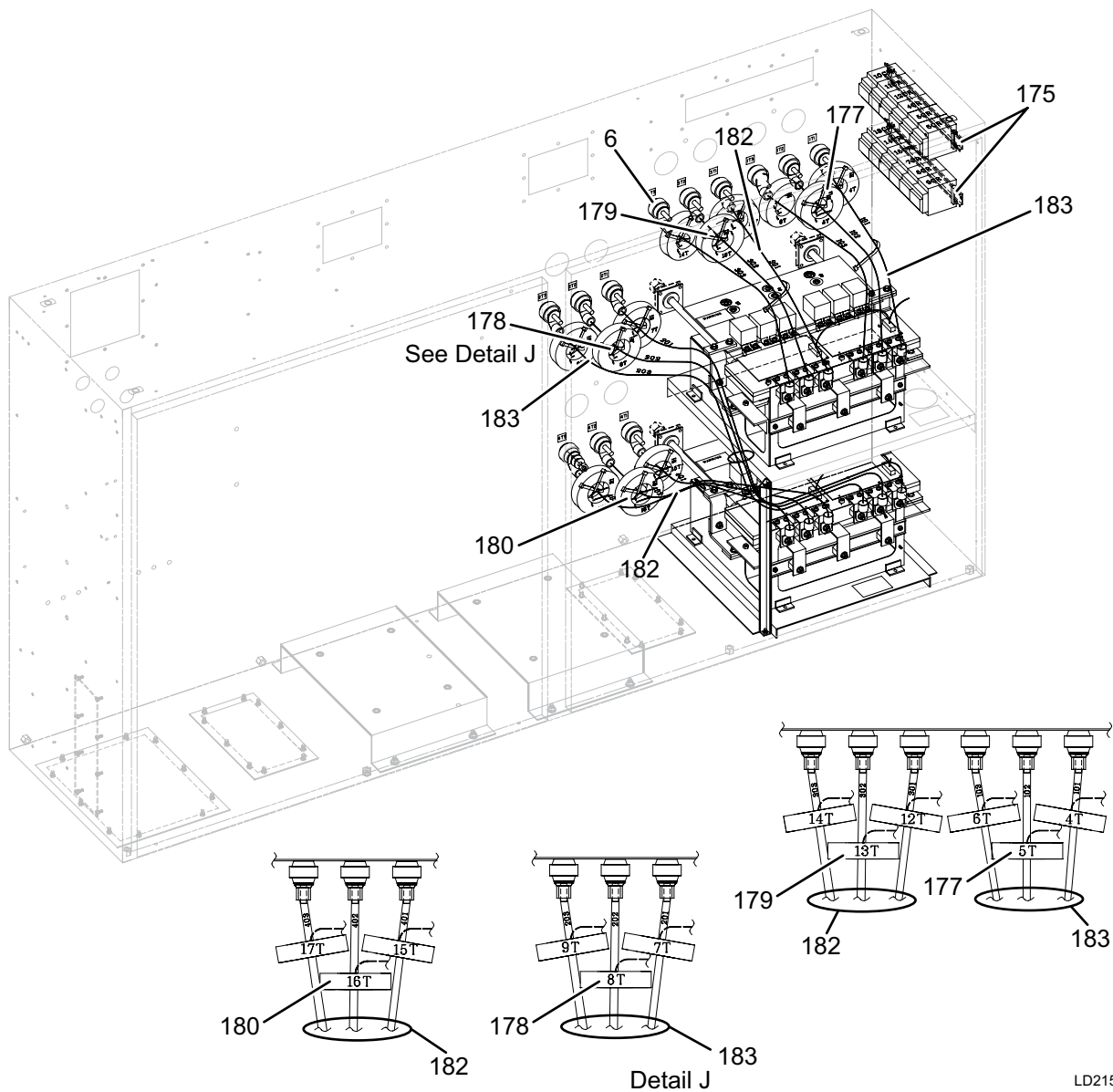
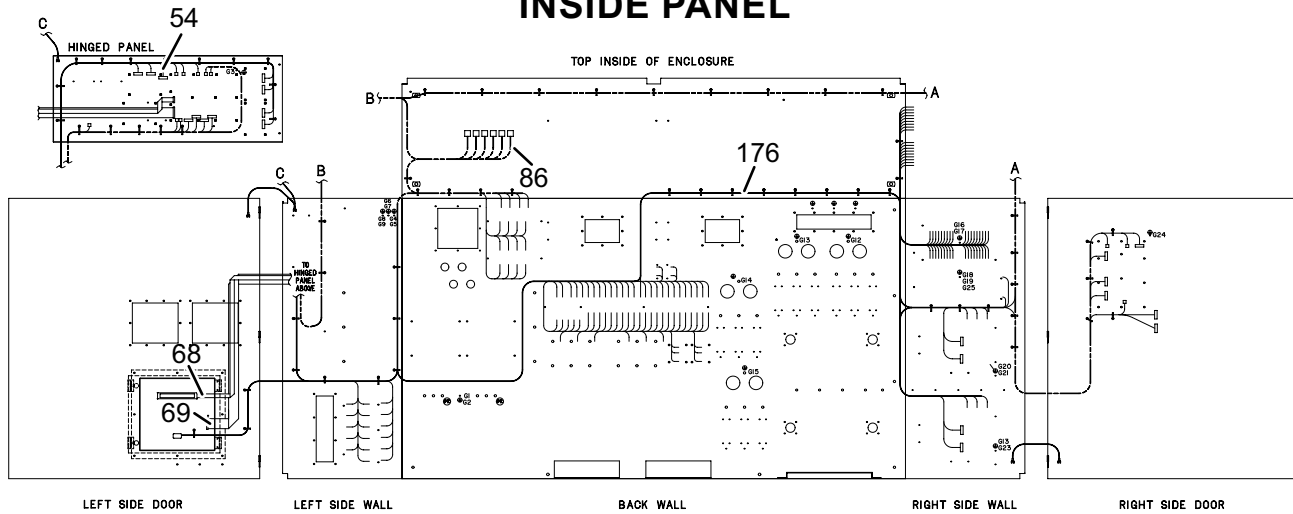


LD21570

FIGURE 12 - VSD CONTROL PANEL - MODELS 0457, 1649 HIGH STATIC OR HIGH AIR FLOW FANS

37

INSIDE PANEL



LD21572

FIGURE 14 - VSD CONTROL PANEL - MODELS 0457, 1649 HIGH STATIC OR HIGH AIR FLOW FANS

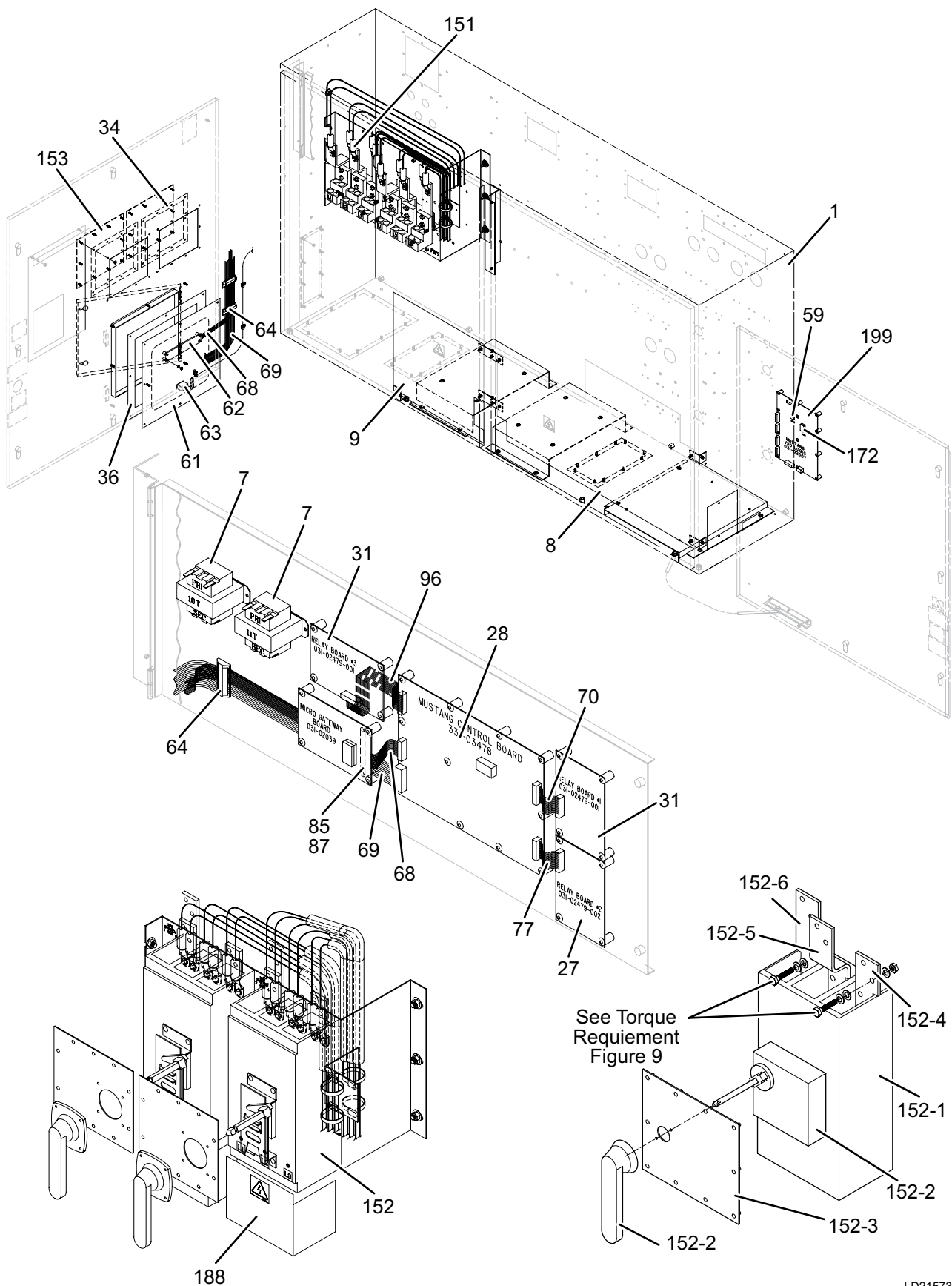


FIGURE 15 - VSD CONTROL PANEL - MODELS 0457, 1649 HIGH STATIC OR HIGH AIR FLOW FANS

TABLE 9 - VARIABLE SPEED DRIVE BOARD CABLES

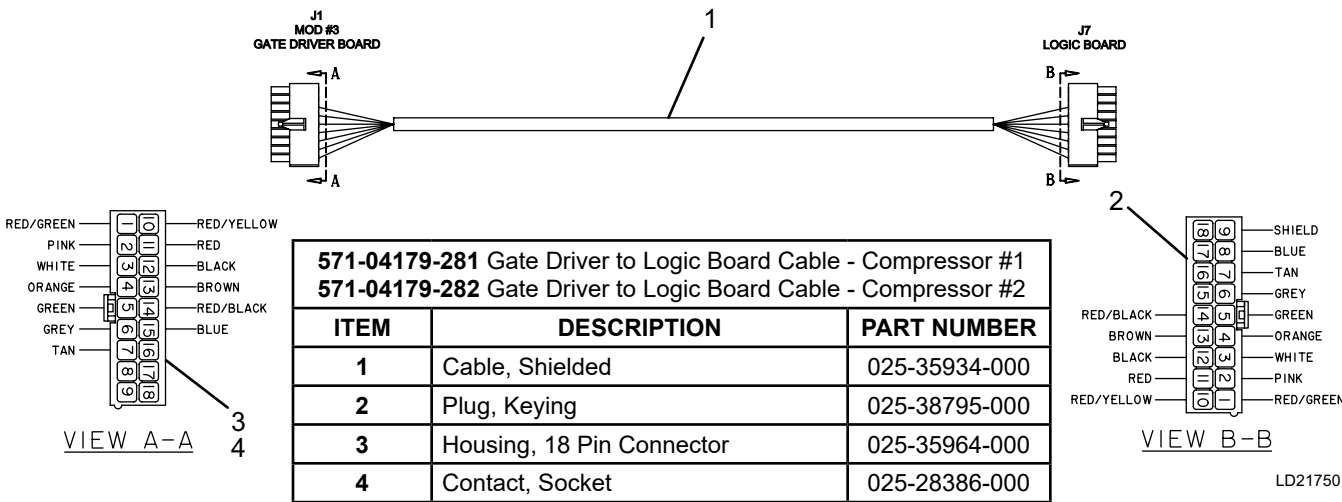
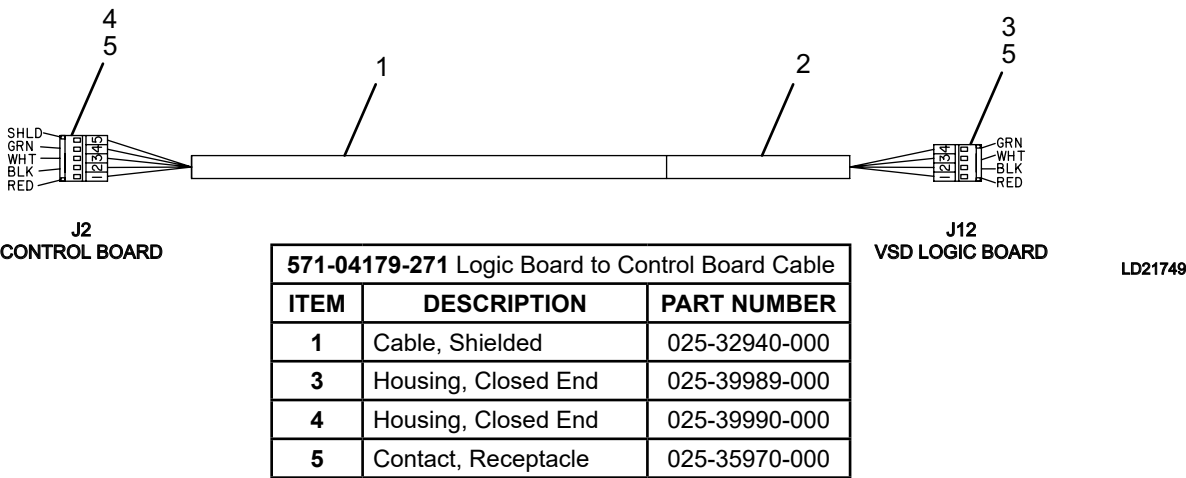
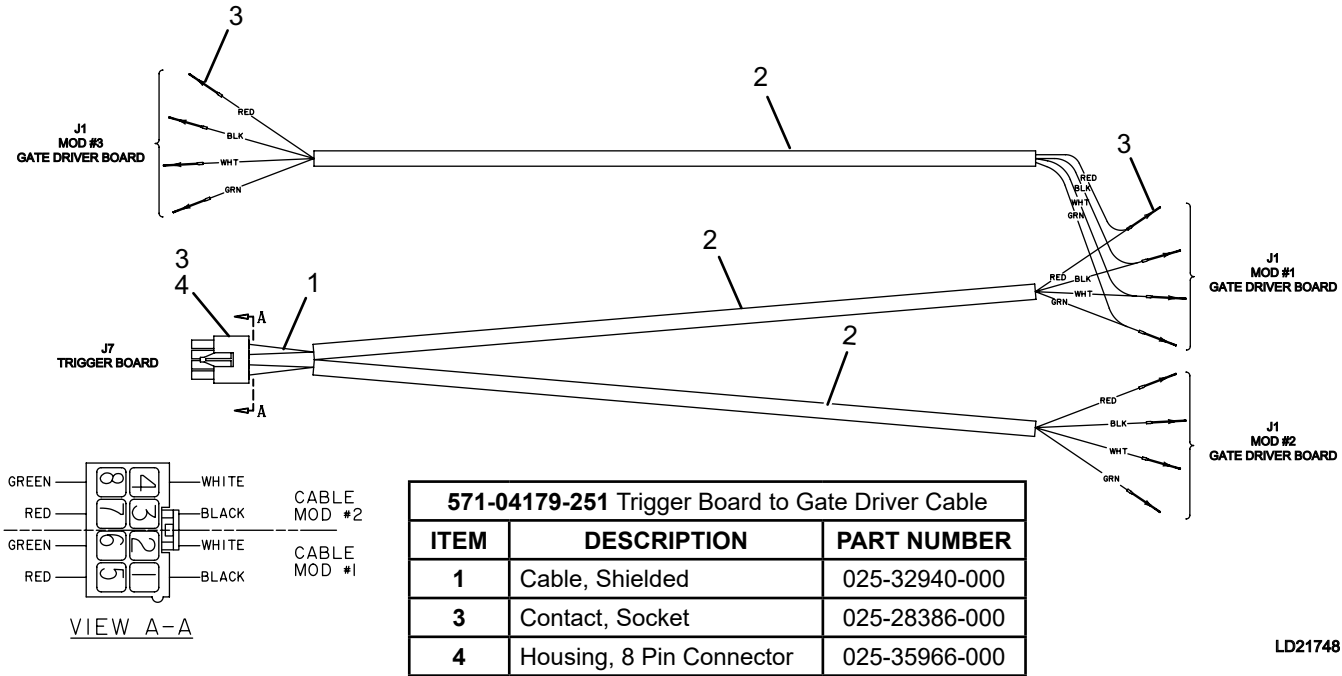
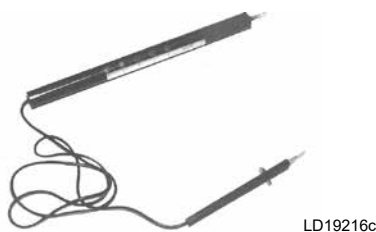


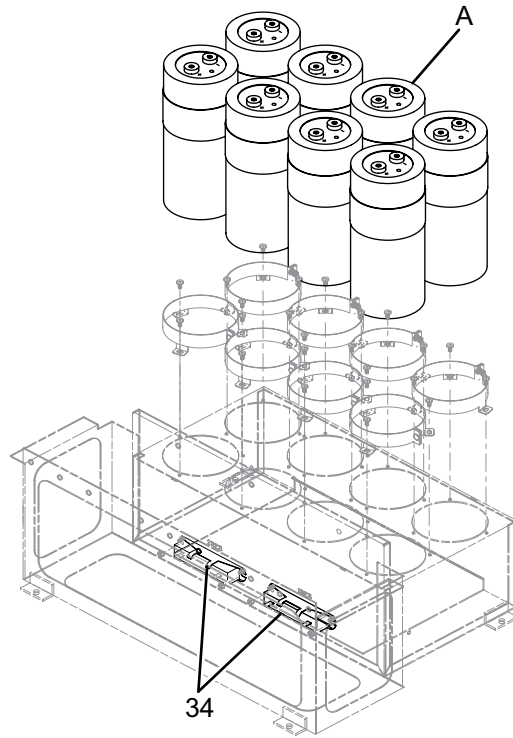
TABLE 10 - POWER ASSEMBLY COMPONENTS 3 COMPRESSOR

ITEM	DESCRIPTION	PART NUMBER	SAP	FIGURE
1	Power Assy 3 Compr	371-04192-100	772695	16
2	Capacitor	025-35972-000	739258	16
6	Chill Plate	071-04192-309	704975	16
8	Pipe Assy Chill Plate 3 Compr	371-04192-331	772700	16
20	Bus Bar Pos Bus Phase Bank	071-04192-311	704981	16
21	Bus Bar Neg Bus Phase Bank	071-04192-315	704982	16
32	Kit, Suppressor 480 Vac	331-02556-001	770430	16
34	Resistor, Power Wirewound	025-35157-000	117719	16
37	Motor Bus Conn Drive	071-04181-340	748908	16
40	Harness SCR To Trig 3 Compr	571-04192-221	807064	16
41	Harness Pwr Assy Gnd	571-04181-242	340716	16
42	Harness Equalizer 3 Compr	571-04192-241	807065	16
52	Support Power Assy 3 Compr	071-04192-342	748926	16
54	Plate Pipe Seal	071-04181-350	748913	16
55	Gasket Pipe Seal 503/419	028-15113-000	742075	16
101	IGBT Assy Phase Bank	371-02769-336	772158	16
102	Module Diode/SCR (Volt 380, 50 Hz)	031-02639-000	743994	16
	Module Diode/SCR (Volt 460)	031-02495-000	743914	
103	Bus Bar Common SCR/Diode (Volt 380, 50 Hz)	071-04192-343	748927	16
	Bus Bar Common SCR/Diode (Volt 460)	071-04192-318	748921	
104	Bus Bar Neg Phase Bank 3 Compr (Volt 380, 50 Hz)	071-04192-345	748929	16
	Bus Bar Neg Phase Bank 3 Compr (Volt 460)	071-04192-314	748918	
105	Bus Bar Pos Phase Bank 3 Compr (Volt 380, 50 Hz)	071-04192-344	748928	16
	Bus Bar Pos Phase Bank (Volt 460)	071-04192-312	748917	

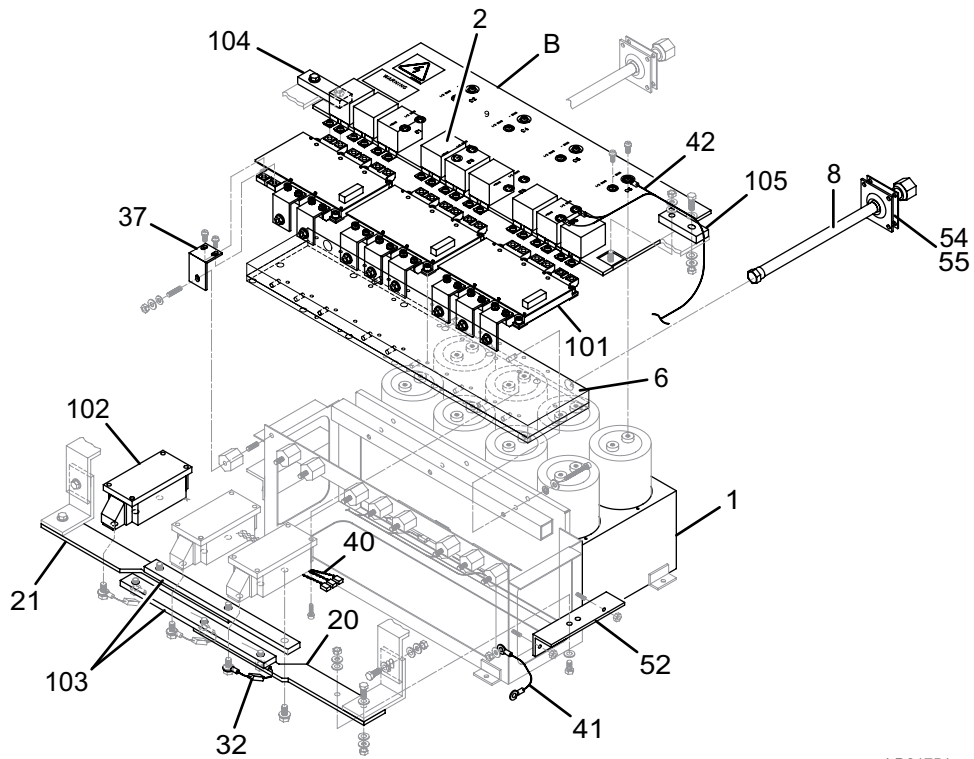
NOTE: Filter Capacitors (Item A) and the Laminated BUS structure (Item B) shown in Figure 16 on page 42 and Figure 17 on page 45 are not replacement parts. This is due to the difficulty in replacing, alignment and electrical connections of these parts. If damage to these parts, the complete pole assembly is to be replaced.



Discharge Probe - P/N 031-00733-000



LD21753



LD21754

FIGURE 16 - POWER ASSEMBLY COMPONENTS 3 COMPRESSOR

TABLE 11 - POWER ASSEMBLY COMPONENTS 2 AND 4 COMPRESSOR 371-04181-105

ITEM	DESCRIPTION	PART NUMBER	SAP	FIGURE
1	Power Assy 2/4 Compr	371-04181-105	772686	17
2	Capacitor	025-35972-000	739258	17
3	Angle Power Assy	371-04181-311	772689	17
6	Chill Plate	071-04181-309	748901	17
8	Pipe Assy Chill Plate 2 Compr	371-04181-331	772692	17
20	Bus Bar Positive/Negative Bus	071-04181-315	686530	17
31	1" Insulator Standoff	028-15064-000	741968	17
34	Resistor, Power Wirewound	025-35157-000	117719	17
37	Motor Bus Conn Drive	071-04181-340	748908	17
40	Kit, Suppressor 480 Vac	331-02556-001	770430	17
55	Gasket Pipe Seal 503/419	028-15113-000	742075	17
56	Support Pos Power Assy	071-04181-347	748911	17
101	Harness Scr To Trig 4 Compr	571-04181-223	807057	17
102	Harness Equalizer 4 Compr	571-04181-245	807061	17
103	Harness Equalizer 4 Compr	571-04181-244	807060	17
104	IGBT Assy Phase Bank	371-02769-336	772158	17
105	Module Diode/SCR 2/4	031-02638-000	743993	17
106	Bus Bar Common SCR/Diode	071-04181-352	748915	17
107	Bus Bar Pos Phase Bank 2 Compr	071-04181-353	686555	17
108	Bus Bar Neg Phase Bank 2 Compr	071-04181-354	686556	17
110	Bus Bar SCR/Diode Input Power	071-04181-356	686557	17

NOTE: Filter Capacitors (Item A) and the Laminated BUS structure (Item B) shown in Figure 16 on page 42 and Figure 17 on page 45 are not replacement parts. This is due to the difficulty in replacing, alignment and electrical connections of these parts. If damage to these parts, the complete pole assembly is to be replaced.



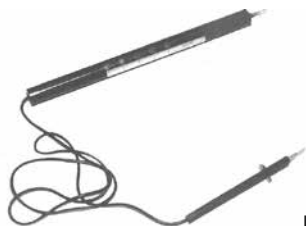
LD19216c

Discharge Probe - P/N 031-00733-000

TABLE 12 - POWER ASSEMBLY COMPONENTS 2 AND 4 COMPRESSOR 371-04181-106

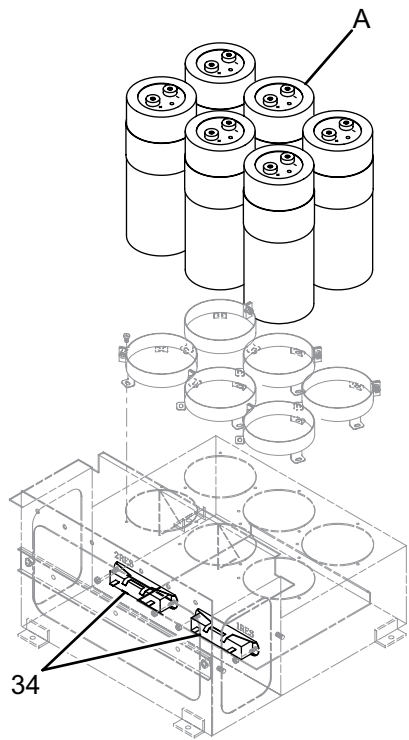
ITEM	DESCRIPTION	PART NUMBER	SAP	FIGURE
1	Power Assy 2/4 Compr	371-04181-106	772687	17
2	Capacitor	025-35972-000	739258	17
3	Angle Power Assy	371-04181-311	772689	17
6	Chill Plate	071-04181-309	748901	17
8	Pipe Assy Chill Plate 2 Compr	371-04181-331	772692	17
20	Bus Bar Positive/Negative Bus	071-04181-315	686530	17
31	1" Insulator Standoff	028-15064-000	741968	17
34	Resistor, Power Wirewound	025-35157-000	117719	17
37	Motor Bus Conn Drive	071-04181-340	748908	17
40	Kit, Suppressor 480 Vac	331-02556-001	770430	17
55	Gasket Pipe Seal 503/419	028-15113-000	742075	17
56	Support Pos Power Assy	071-04181-347	748911	17
101	Harness SCR To Trigger Bd	571-04181-225	807058	17
102	Harness Equalizer 4 Compr	571-04181-248	807063	17
103	Harness Equalizer 4 Compr	571-04181-247	807062	17
104	IGBT Assy Phase Bank	371-02769-336	772158	17
105	Module Diode/SCR 2/4	031-02638-000	743993	17
106	Bus Bar Common SCR/Diode	071-04181-352	748915	17
107	Bus Bar Pos Phase Bank 2 Compr	071-04181-353	686555	17
108	Bus Bar Neg Phase Bank 2 Compr	071-04181-354	686556	17
110	Bus Bar SCR/Diode Input Power	071-04181-356	686557	17

NOTE: Filter Capacitors (Item A) and the Laminated BUS structure (Item B) shown in Figure 16 on page 42 and Figure 17 on page 45 are not replacement parts. This is due to the difficulty in replacing, alignment and electrical connections of these parts. If damage to these parts, the complete pole assembly is to be replaced.

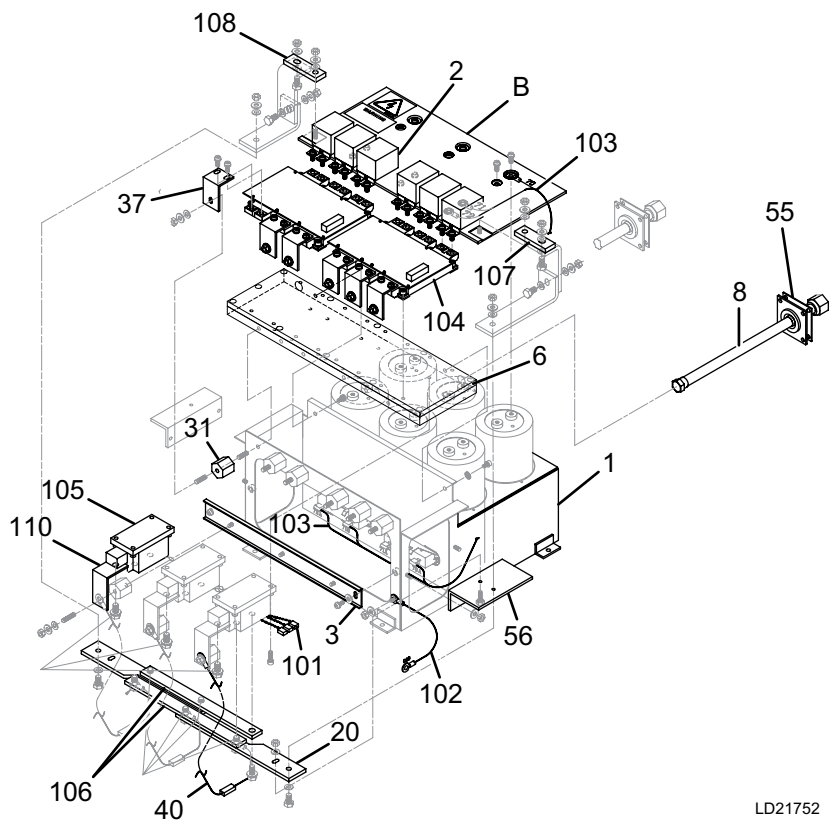


LD19216c

Discharge Probe - P/N 031-00733-000



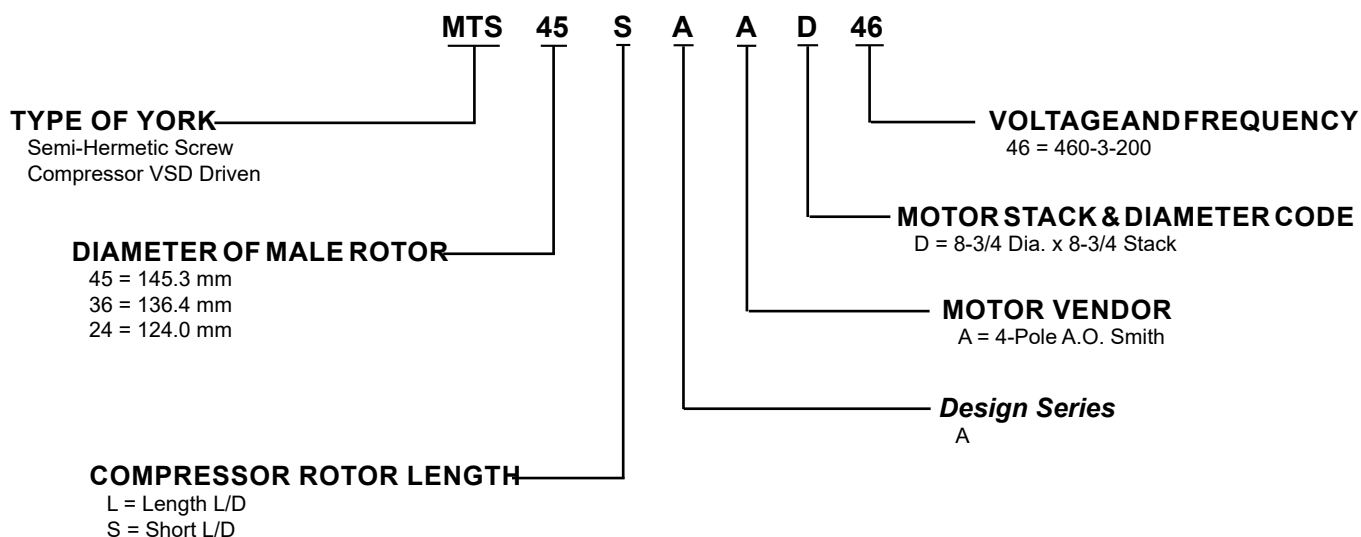
LD21751



LD21752

FIGURE 17 - POWER ASSEMBLY COMPONENTS 2 AND 4 COMPRESSOR

COMPRESSOR MODEL NOMENCLATURE



COMPRESSOR WEIGHTS		
MM SIZE	WEIGHT (LBS.)*	WEIGHT (KG.)
145	1310	594
136	1250	567
124	1175	533

*Note: Less Service Valves.

ITEM	REF.	DESCRIPTION	5 GALLON
OIL^S	R-134A	Oil, Type 'L' (Synthetic)	011-00592-000
FILTER^S		Filter, Oil	026-35601-000
O-RING^S		O-ring, Filter Cover	028-13849-000

S = Recommended Spare Parts

DESCRIPTION	PART NUMBER
Compressor Heater (350 watt)	025-32938-000

COMPRESSOR CHANGE OUT PARTS		
MM SIZE	DESCRIPTION	PART NUMBER
ALL	Gasket, Suction Flange	028-15075-159
ALL	Gasket, Discharge Flange	028-15296-000
ALL	Seal, HPCO O-Ring	028-13540-000
ALL	Seal, Economizer O-ring	028-13963-000

TABLE 13 - COMPRESSOR SUB-ASSEMBLY -40 AND -50 (PIN 9 = S, P, C) (PIN 16 AND 17 = BX, SX)

MODEL	SYSTEM 1 COMPRESSOR				SYSTEM 2 COMPRESSOR				SYSTEM 3 COMPRESSOR			
	Part	Model	MM	Qty	Part	Model	MM	Qty	Part	Model	MM	Qty
0287 1070	364-50821-100	MTS36SB	136	1	364-50821-100	MTS36SB	136	1	364-50820-100	MTS24SB	124	1
0307 1180	364-50821-100	MTS36SB	136	1	364-50821-100	MTS36SB	136	1	364-50821-100	MTS36SB	136	1
0357 1340	364-50821-100	MTS36SB	136	1	364-50821-100	MTS36SB	136	1	364-50822-100	MTS45SB	145	1
0397 1500	364-50822-100	MTS45SB	145	1	364-50822-100	MTS45SB	145	1	364-50822-100	MTS45SB	145	1

TABLE 14 - COMPRESSOR SUB-ASSEMBLY -40 AND -50 (PIN 9 = E, V, D) (PIN 16 AND 17 = BX, SX)

MODEL	SYSTEM 1 COMPRESSOR				SYSTEM 2 COMPRESSOR				SYSTEM 3 COMPRESSOR			
	Part	Model	MM	Qty	Part	Model	MM	Qty	Part	Model	MM	Qty
0267 1050	364-50821-100	MTS36SB	136	1	364-50821-100	MTS36SB	136	1	364-50820-100	MTS24SB	124	1
0287 1120	364-50821-100	MTS36SB	136	1	364-50821-100	MTS36SB	136	1	364-50821-100	MTS36SB	136	1
0327 1220	364-50821-100	MTS36SB	136	1	364-50821-100	MTS36SB	136	1	364-50821-100	MTS36SB	136	1
0357 1380	364-50821-100	MTS36SB	136	1	364-50822-100	MTS45SB	145	1	364-50822-100	MTS45SB	145	1

TABLE 15 - COMPRESSOR SUB-ASSEMBLY -40 AND -50 (PIN 9 = S, P, C) (PIN 16 AND 17 = XX, MR)

MODEL	SYSTEM 1 COMPRESSOR				SYSTEM 2 COMPRESSOR			
	Part	Model	MM	Qty	Part	Model	MM	Qty
	364-52847-402	MTS45SB	145	1	364-52847-402	MTS45SB	145	1
	SYSTEM 3 COMPRESSOR				SYSTEM 4 COMPRESSOR			
	Part	Model	MM	Qty	Part	Model	MM	Qty
0457 1649	364-52846-402	MTS36SB	136	1	364-52846-402	MTS36SB	136	1

TABLE 16 - COMPRESSOR SUB-ASSEMBLY -46 (PIN 9 = S, P, C) (PIN 16 AND 17 = BX, SX)

MODEL	SYSTEM 1 COMPRESSOR				SYSTEM 2 COMPRESSOR				SYSTEM 3 COMPRESSOR			
	Part	Model	MM	Qty	Part	Model	MM	Qty	Part	Model	MM	Qty
0287	364-50821-000	MTS36SB	136	1	364-50821-000	MTS36SB	136	1	364-50820-000	MTS24SB	124	1
0307	364-50821-000	MTS36SB	136	1	364-50821-000	MTS36SB	136	1	364-50821-000	MTS36SB	136	1
0357	364-50821-000	MTS36SB	136	1	364-50821-000	MTS36SB	136	1	364-50822-000	MTS45SB	145	1
0397	364-50822-000	MTS45SB	145	1	364-50822-000	MTS45SB	145	1	364-50822-000	MTS45SB	145	1

TABLE 17 - COMPRESSOR SUB-ASSEMBLY -46 (PIN 9 = E, V, D) (PIN 16 AND 17 = BX, SX)

MODEL	SYSTEM 1 COMPRESSOR				SYSTEM 2 COMPRESSOR				SYSTEM 3 COMPRESSOR			
	Part	Model	MM	Qty	Part	Model	MM	Qty	Part	Model	MM	Qty
0267	364-50821-000	MTS36SB	136	1	364-50821-000	MTS36SB	136	1	364-50820-000	MTS24SB	124	1
0287	364-50821-000	MTS36SB	136	1	364-50821-000	MTS36SB	136	1	364-50821-000	MTS36SB	136	1
0327	364-50821-000	MTS36SB	136	1	364-50821-000	MTS36SB	136	1	364-50821-000	MTS36SB	136	1
0357	364-50821-000	MTS36SB	136	1	364-50822-000	MTS45SB	145	1	364-50822-000	MTS45SB	145	1

TABLE 18 - COMPRESSOR JUNCTION BOX

ITEM	DESCRIPTION	PART NUMBER	SAP	QUANTITY	FIGURE
	Compr Junction Box Assy	375-66897-000	786907	1	18
1	Junction Box Cover Compr	075-66911-000	549172	1	18
2	Compr YB Wrapper	075-66907-000	755623	1	18
3	Gasket Compr Junction Box	028-15268-000	561654	1	18
4	Quick Opening Captive Screw	021-33152-000	665726	6	18
5	Retainer (Captive Screw)	021-19406-000	730494	6	18
6	Receptacle, Clip-On (Captive)	021-19407-000	730495	6	18
7	Strip 1/8 X 3/4 X Roll	028-11995-000	741671	3.5	18

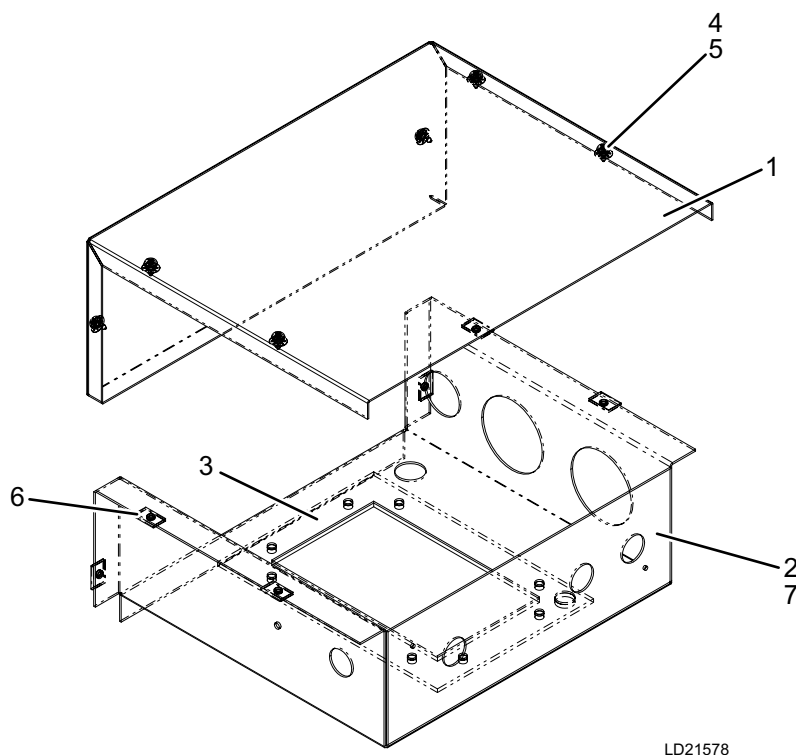


FIGURE 18 - COMPRESSOR JUNCTION BOX

TABLE 19 - INSULATED COOLER LEFT HANDED ASME (PIN 9 = S, P, C)

ITEM	MODEL	DESCRIPTION	PART NUMBER	SAP	QUANTITY	FIGURE
1	0287, 1070	Cooler DXC21014a31	375-70668-000	790417	1	19
	0307, 0357, 0397, 1180, 1340, 1500	Cooler DXC22015a31	375-76080-000	793107		
	0457, 1649	Cooler	375-93345-000	798704		
6	0287, 0307, 0357, 0397, 0457, 1070, 1180, 1340, 1500, 1649	Heater 280 Watt 120 Volt	025-22691-000	65198	4	19
9	0287, 1070	Gasket Baffle 3 Circuit	075-84273-000	580786	4	19
	0307, 0357, 0397, 1180, 1340, 1500	Gasket Baffle 3 Circuit	075-84280-000	759392	4	
	0457, 1649	Gasket Baffle 4 Circuit	075-84281-000	759393	2	
14	0287, 0307, 0357, 0397, 0457, 1070, 1180, 1340, 1500, 1649	Well Thermo	026-33627-000	618389	2	19
41	0457, 1649	Gasket Baffle 4 Circuit	075-84282-000	759394	2	19

TABLE 20 - INSULATED COOLER LEFT HANDED ASME (PIN 9 = E, V, D)

ITEM	MODEL	DESCRIPTION	PART NUMBER	SAP	QUANTITY	FIGURE
1	0267, 0287, 1050, 1120	Cooler DXC21014a31	375-70668-000	790417	1	19
	0327, 0357, 1220, 1380	Cooler DXC22015a31	375-76080-000	793107		
6	0267, 0287, 0327, 0357, 1050, 1120, 1220, 1380	Heater 280 Watt 120 Volt	025-22691-000	65198	4	19
9	0267, 0287, 1050, 1120	Gasket Baffle 3 Circuit	075-84273-000	580786	4	19
	0327, 0357, 1220, 1380	Gasket Baffle 3 Circuit	075-84280-000	759392		
14	0267, 0287, 0327, 0357, 1050, 1120, 1220, 1380	Well Thermo	026-33627-000	618389	2	19

TABLE 21 - INSULATED COOLER RIGHT HANDED ASME (PIN 9 = S, P, C)

ITEM	PIN 39 =	MODEL	DECRPTION	PART NUMBER	SAP	QUANTITY	FIGURE
1	X	0287, 0307, 0357, 0397, 1070, 1180, 1340, 1500	Cooler DXC20014a31	375-70678-000	790424	1	19
	D	0307, 0357, 0397, 1180, 1340, 1500	Cooler DXC20014a31	375-76079-000	793102		
6	X, D	0287, 0307, 0357, 0397, 1070, 1180, 1340, 1500	Heater 280 Watt 120 Volt	025-22691-000	65198	4	19
9	X	0287, 0307, 0357, 0397, 1070, 1180, 1340, 1500	Gasket Baffle 3 Circuit	075-84273-000	580786	1	19
	D	0307, 0357, 0397, 1180, 1340, 1500	Gasket Baffle 3 Circuit	075-84280-000	759392	4	
14	X, D	0287, 0307, 0357, 0397, 1070, 1180, 1340, 1500	Well Thermo	026-33627-000	618389	3	19

TABLE 22 - INSULATED COOLER RIGHT HANDED ASME (PIN 9 = E, V, D)

ITEM	PIN 39 =	MODEL	DECRPTION	PART NUMBER	SAP	QUANTITY	FIGURE
1	X	0267, 0287, 0327, 0357, 1050, 1120, 1220, 1380	Cooler DXC20014a31	375-70678-000	790424	1	19
	D	0327, 0357, 1220, 1380	Cooler DXC20014a31	375-76079-000	793102		
6	X, D	0267, 0287, 0327, 0357, 1050, 1120, 1220, 1380	Heater 280 Watt 120 Volt	025-22691-000	65198	4	19
9	X	0267, 0287, 0327, 0357, 1050, 1120, 1220, 1380	Gasket Baffle 3 Circuit	075-84273-000	580786	4	19
	D	0327, 0357, 1220, 1380	Gasket Baffle 3 Circuit	075-84280-000	759392		
14	X, D	0267, 0287, 0327, 0357, 1050, 1120, 1220, 1380	Well Thermo	026-33627-000	618389	2	19

TABLE 23 - INSULATED COOLER LEFT HANDED PED (PIN 9 = S, P, C)

ITEM	MODEL	DECRPTION	PART NUMBER	SAP	QUANTITY	FIGURE
1	1070	Cooler DXC21014a31 50 Hz	075-70668-990	756351	1	19
	1180, 1340, 1500	Cooler DXC22015a31	075-76080-990	757924		
6	1070, 1180, 1340, 1500	Heater 280 Watt 120 Volt	025-22691-000	65198	4	19
9	1070	Gasket Baffle 3 Circuit	075-84273-000	580786	1	19
	1180, 1340, 1500	Gasket Baffle 3 Circuit	075-84280-000	759392	4	
14	1070, 1180, 1340, 1500	Well Thermo	026-33627-000	618389	2	19

TABLE 24 - INSULATED COOLER LEFT HANDED PED (PIN 9 = E, V, D)

ITEM	MODEL	DECRPTION	PART NUMBER	SAP	QUANTITY	FIGURE
1	1050, 1120	Cooler DXC21014a31 50 Hz	075-70668-990	756351	1	19
	1220, 1380	Cooler DXC22015a31	075-76080-990	757924		
6	1050, 1120, 1220, 1380	Heater 280 Watt 120 Volt	025-22691-000	65198	4	19
9	1050, 1120	Gasket Baffle 3 Circuit	075-84273-000	580786	1	19
	1220, 1380	Gasket Baffle 3 Circuit	075-84280-000	759392	4	
14	1050, 1120, 1220, 1380	Well Thermo	026-33627-000	618389	2	19

TABLE 25 - INSULATED COOLER RIGHT HANDED PED (PIN 9 = S, P, C)

ITEM	MODEL	DECRPTION	PART NUMBER	SAP	QUANTITY	FIGURE
1	1070	Cooler DXC21014a31 50 Hz	075-70678-990	756358	1	19
	1180, 1340, 1500	Cooler DXC22015a31	075-76079-990	757923		
6	1070, 1180, 1340, 1500	Heater 280 Watt 120 Volt	025-22691-000	65198	4	19
9	1070	Gasket Baffle 3 Circuit	075-84273-000	580786	1	19
	1180, 1340, 1500	Gasket Baffle 3 Circuit	075-84280-000	759392	4	
14	1070, 1180, 1340, 1500	Well Thermo	026-33627-000	618389	2	19

TABLE 26 - INSULATED COOLER RIGHT HANDED PED (PIN 9 = E, V, D)

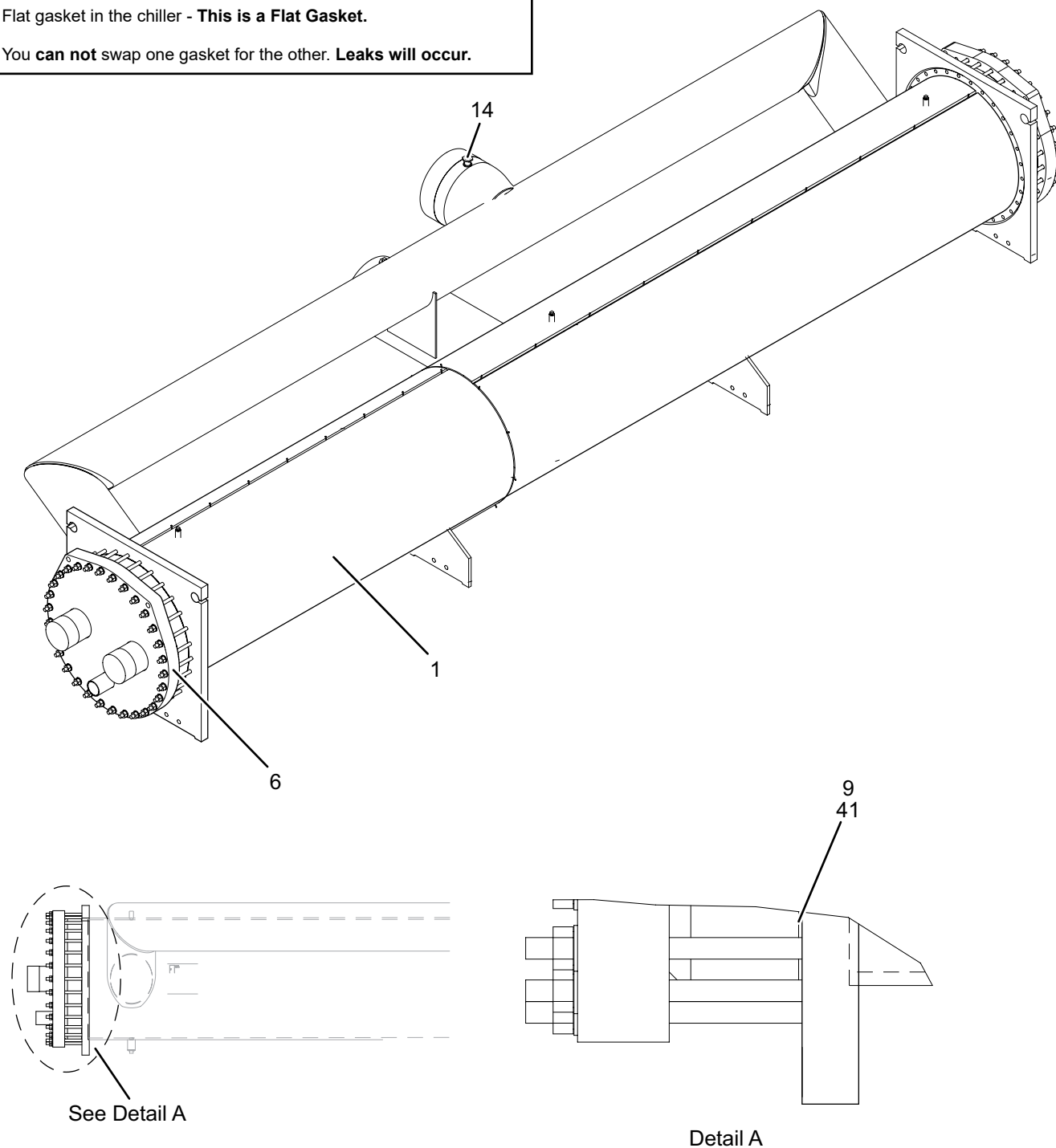
ITEM	MODEL	DECRPTION	PART NUMBER	SAP	QUANTITY	FIGURE
1	1050, 1120	Cooler DXC21014a31 50 Hz	075-70678-990	756358	1	19
	1220, 1380	Cooler DXC22015a31	075-76079-990	757923		
6	1050, 1120, 1220, 1380	Heater 280 Watt 120 Volt	025-22691-000	65198	4	19
9	1050, 1120	Gasket Baffle 3 Circuit	075-84273-000	580786	1	19
	1220, 1380	Gasket Baffle 3 Circuit	075-84280-000	759392	4	
14	1050, 1120, 1220, 1380	Well Thermo	026-33627-000	618389	2	19

NOTE: Provide customer SI0198 or let them know they can find it on QuickLIT. It has the torque ratings for the bolts and other installation procedures during installation of the evaporator head gaskets.

Bulb and channel gasket in the chiller - **This gasket has a channel.**

Flat gasket in the chiller - **This is a Flat Gasket.**

You **can not** swap one gasket for the other. **Leaks will occur.**



LD21577

FIGURE 19 - INSULATED COOLER

TABLE 27 - PIPING ASSEMBLY

ITEM	PIN 9 =	MODEL	DESCRIPTION	PART NUMBER	SAP	FIGURE
70	All	0267, 0287, 0307, 0327, 0357, 0397, 1050, 1070, 1120, 1180, 1220, 1340, 1380, 1500	Valve Exv 1-5/8In Br SS 490.0 PSI 12 VDC	025-41565-000	346234	20, 21
71	All	0267, 0287, 0307, 0327, 0357, 0397, 1050, 1070, 1120, 1180, 1220, 1340, 1380, 1500	Valve, Solenoid	025-40330-000	739795	20, 21
72	All	0267, 0287, 0307, 0327, 0357, 0397, 1050, 1070, 1120, 1180, 1220, 1340, 1380, 1500	Valve	022-09779-000	731283	20
73	All	0267, 0287, 0307, 0327, 0357, 0397, 1050, 1070, 1120, 1180, 1220, 1340, 1380, 1500	Dehydrator Less Cores	026-16960-000	740681	20
74	All	0267, 0287, 0307, 0327, 0357, 0397, 1050, 1070, 1120, 1180, 1220, 1340, 1380, 1500	Ctg Dehy 100 Percent Molecular	026-37540-000	740964	20
75	All	0267, 0287, 0307, 0327, 0357, 0397, 1050, 1070, 1120, 1180, 1220, 1340, 1380, 1500	Indicator Moist Liquid Body	026-32399-000	740784	21
76	All	0267, 0287, 0307, 0327, 0357, 0397, 1050, 1070, 1120, 1180, 1220, 1340, 1380, 1500	Indicator Moist Liquid Cap	026-32800-000	740799	21
77	All	0267, 0287, 0307, 0327, 0357, 0397, 1050, 1070, 1120, 1180, 1220, 1340, 1380, 1500	Valve Shut Off Ball Valve	022-11325-000	444576	20
87	All	0267, 0287, 0307, 0327, 0357, 0397, 1050, 1070, 1120, 1180, 1220, 1340, 1380, 1500	Valve Ball 1/2 Od (C X C)	022-09172-000	731238	21
88	All	0267, 0287, 0307, 0327, 0357, 0397, 1050, 1070, 1120, 1180, 1220, 1340, 1380, 1500	Clamp Tube 1-5/8	066-88928-000	372793	20
90	All	0267, 0287, 0307, 0327, 0357, 0397, 1050, 1070, 1120, 1180, 1220, 1340, 1380, 1500	Valve, Charging Brass	022-09754-000	391983	21
94	All	0267, 0287, 0307, 0327, 0357, 0397, 1050, 1070, 1120, 1180, 1220, 1340, 1380, 1500	Bracket Filter Drier Mmhp	075-45650-000	751600	20
97	All	0267, 0287, 0307, 0327, 0357, 0397, 1050, 1070, 1120, 1180, 1220, 1340, 1380, 1500	Clamp, Tube	021-19156-000	556323	20

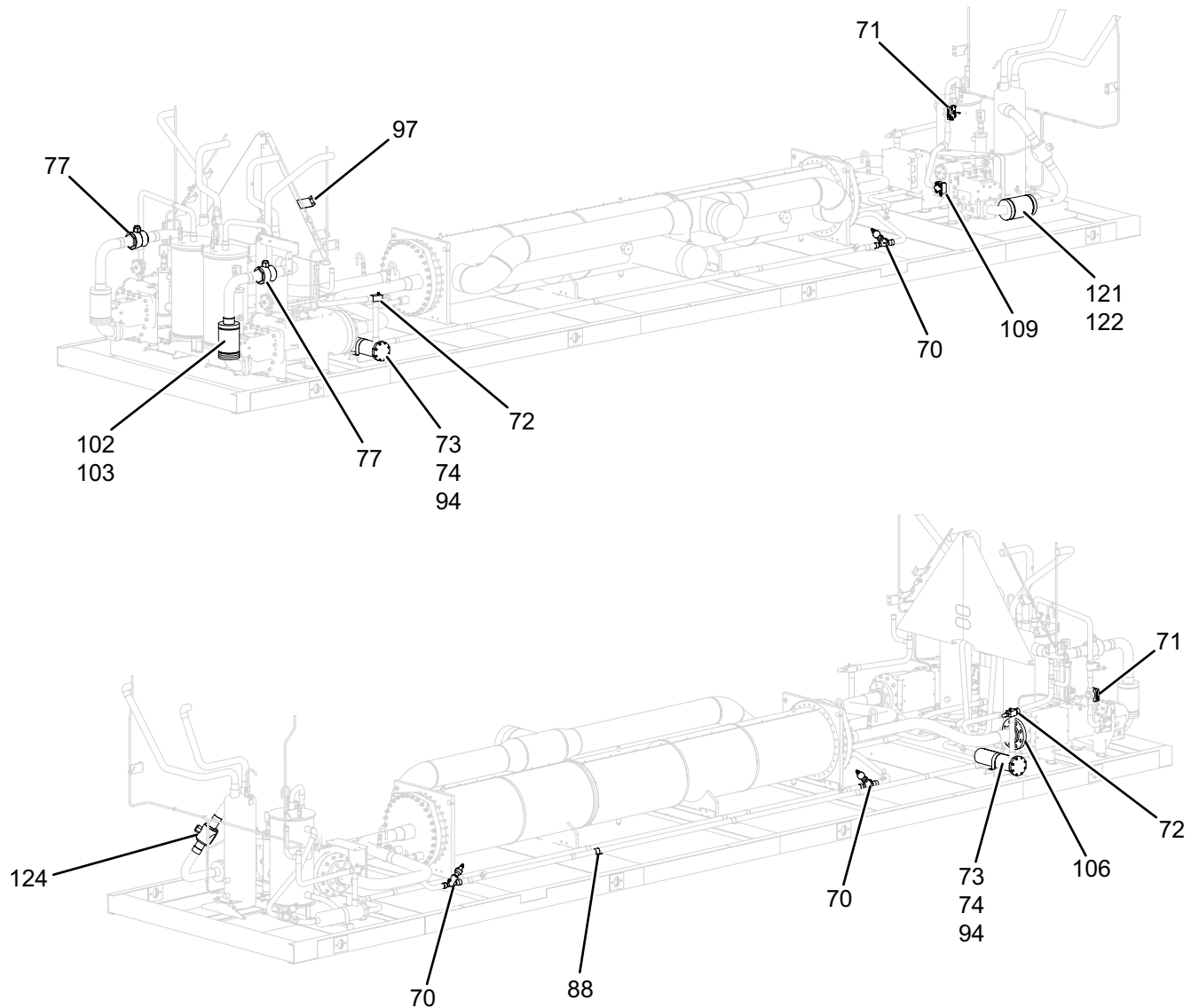
TABLE 27 - PIPING ASSEMBLY (CONT'D)

ITEM	PIN 9 =	MODEL	DESCRIPTION	PART NUMBER	SAP	FIGURE
102	All	0267, 0287, 0307, 0327, 0357, 0397, 1050, 1070, 1120, 1180, 1220, 1340, 1380, 1500	Muffler	375-53202-000	612468	20
103	All	0267, 0287, 0307, 0327, 0357, 0397, 1050, 1070, 1120, 1180, 1220, 1340, 1380, 1500	Gasket Flange 3.625 Id 5.75Bc	028-15296-000	636248	20
106	All	0267, 0287, 0307, 0327, 0357, 0397, 1050, 1070, 1120, 1180, 1220, 1340, 1380, 1500	Gasket Round 4" Flange ANSI 150#	028-15965-000	685929	20
	All	0267, 0287, 0307, 0327, 0357, 0397, 1050, 1070, 1120, 1180, 1220, 1340, 1380, 1500	Gasket, Round ANSI 4.00-300#	028-15075-059	710158	
108	S, P, C	0287, 1070	Kit,Insulation 285 Ton Cooler	375-74732-000	792233	*
		0307, 0357, 0397, 1180, 1340, 1500	Kit,Insulation 375 Ton Cooler	375-74731-000	792232	
	E, V, D	0267, 0287, 1050, 1120,	Kit,Insulation 285 Ton Cooler	375-74732-000	792233	
		0327, 0357, 1220, 1380	Kit,Insulation 375 Ton Cooler	375-74731-000	792232	
109	S, P, C	0267, 0287, 0307, 0327, 0357, 0397, 1050, 1070, 1120, 1180, 1220, 1340, 1380, 1500	Valve Angle Compr	022-11358-000	731384	20
*112	S, P, C	0267, 0287, 0307, 0327, 0357, 0397, 1050, 1070, 1120, 1180, 1220, 1340, 1380, 1500	Sensor, Level, Peek 12" 35% ASM	325-43503-001	1150570	21
113	All	0267, 0287, 0307, 0327, 0357, 0397, 1050, 1070, 1120, 1180, 1220, 1340, 1380, 1500	Ins Therm 1-5/8 Id X 1/2	010-03628-000	541506	*
114	All	0267, 0287, 0307, 0327, 0357, 0397, 1050, 1070, 1120, 1180, 1220, 1340, 1380, 1500	Ins Therm 3-5/8 Id X 1/2	010-02838-000	616552	*
121	All	0267, 0287, 0327, 0357, 1050, 1070, 1120, 1220, 1380	Muffler Disch	375-55738-000	781965	20
122	All	0267, 0287, 0327, 0357, 1050, 1070, 1120, 1220, 1380	Gasket Flange 3.00 Id 5.75 Bc	028-15296-001	742120	20
124	All	0267, 0287, 0327, 0357, 1050, 1070, 1120, 1220, 1380	Valve Shut Off Ball Valve	022-11326-000	731365	20
145	All	0267, 0287, 0307, 0327, 0357, 0397, 1050, 1070, 1120, 1180, 1220, 1340, 1380, 1500	Clamp Tube 1-1/8 Od With	021-19623-000	730513	*

Notes: Insulate Suction Lines between Cooler and Compressor with Item 114. Insulate Liquid Line Between Cooler and Expansion Valve (ETS250) with Item 113.

Insulate Cooler Heads with Item 108.

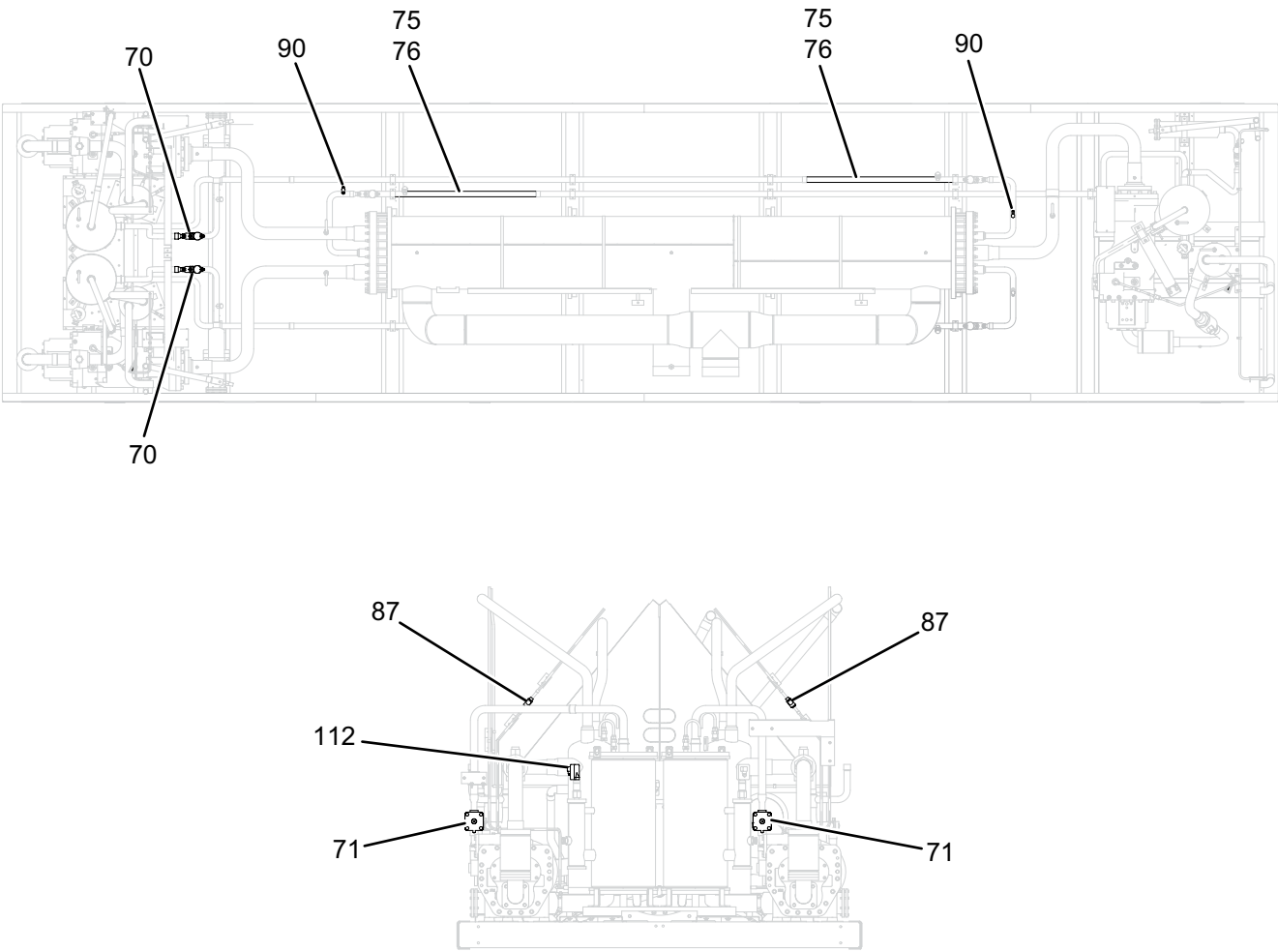
* Item 112 - Level Sensor - See SI0301, it may apply concerning calibrating the sensor.



Models Shown 0267, 0287, 1050, 1070

LD21579

FIGURE 20 - PIPING ASSEMBLY



Models Shown 0267, 0287, 1050, 1070

LD21769

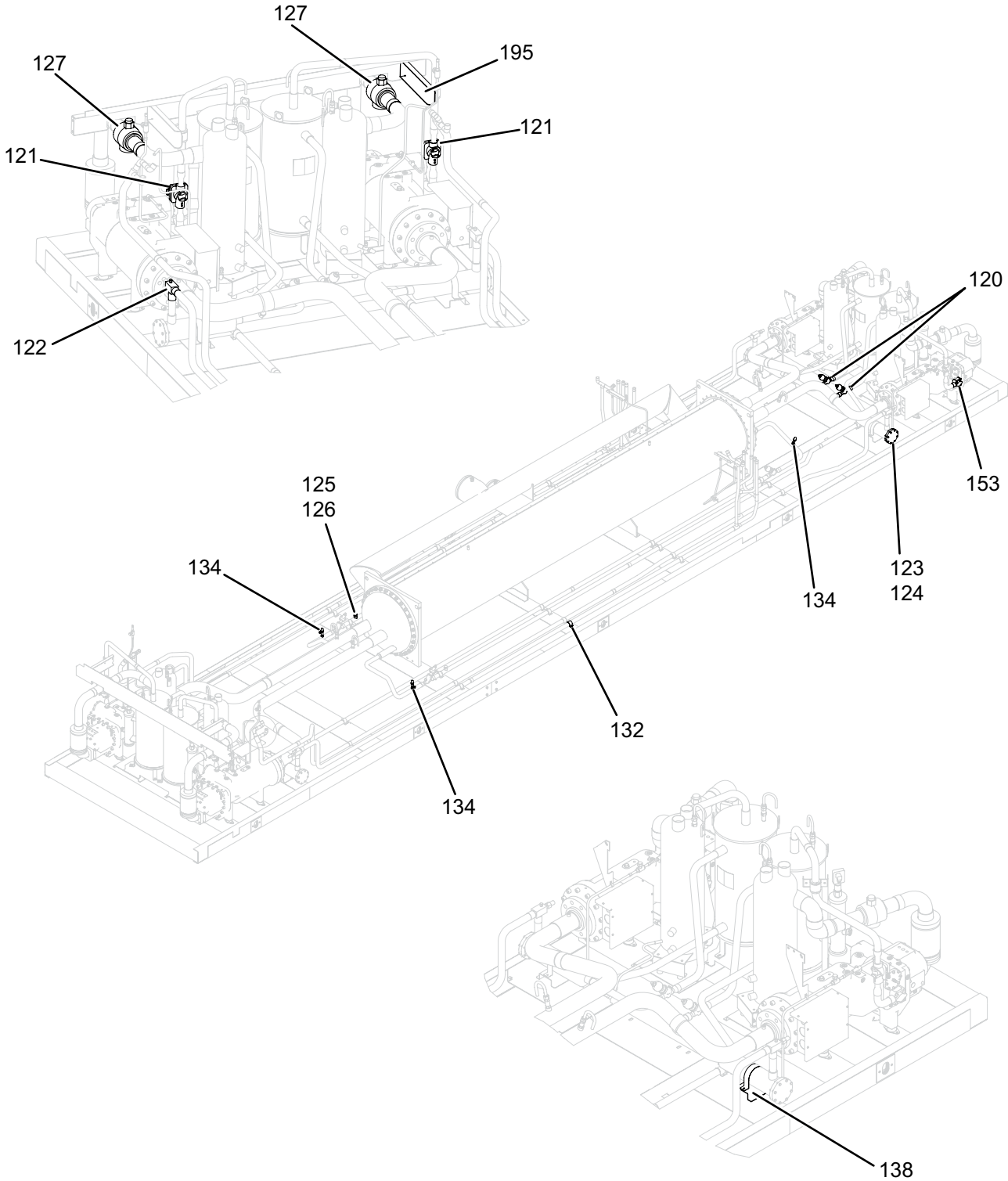
FIGURE 21 - PIPING ASSEMBLY

TABLE 28 - PIPING ASSEMBLY - MODELS 0457 AND 1649 (PIN 9 = S, P, C)

ITEM	DESCRIPTION	PART NUMBER	SAP	QUANTITY	FIGURE
120	Valve Exv 1-5/8In Br Ss 490.0 PSI 12 VDC	025-41565-000	346234	8	22
121	Valve, Solenoid	025-40330-000	739795	4	22
122	Valve	022-09779-000	731283	4	22
123	Dehydrator Less Cores	026-16960-000	740681	4	22
124	Ctg Dehy 100 Percent Molecular	026-37540-000	740964	12	22
125	Indicator Moist Liquid Body	026-32399-000	740784	8	22
126	Indicator Moist Liquid Cap	026-32800-000	740799	8	22
127	Valve Shut Off Ball Valve	022-11325-000	444576	4	22
131	Valve Ball 1/2 Od (C X C)	022-09172-000	731238	4	23
132	Clamp Tube 1-5/8	066-88928-000	372793	56	22
134	Valve, Charging Brass	022-09754-000	391983	8	22, 23
138	Bracket Filter Drier Mmhp	075-45650-000	751600	4	22
141	Clamp, Tube	021-19156-000	556323	24	23
146	Muffler	375-53202-000	612468	4	23
147	Gasket Flange 3.625 Id 5.75Bc	028-15296-000	636248	4	23
149	Conn 4" Flange Compr.	375-54668-000	781645	2	23
150	Gasket Round 4" Flange ANSI	028-15965-000	685929	4	23
152	Kit, Ins 0457-1649 Clr	375-94656-000	799218	1	*
153	Valve Angle Compr	022-11358-000	731384	4	22
*156	Sensor, Level, Peek 12" 35% ASM	325-43503-001	1150570	4	23
164	Flange 4" 3-5/8 Conn	375-55970-000	782211	2	23
195	Clamp Tube Isolation	075-50979-178	752421	4	22
201	Clamp Tube 2-1/8 Dia	066-94460-000	747650	4	23

NOTES: Items with an * are NOT represented.

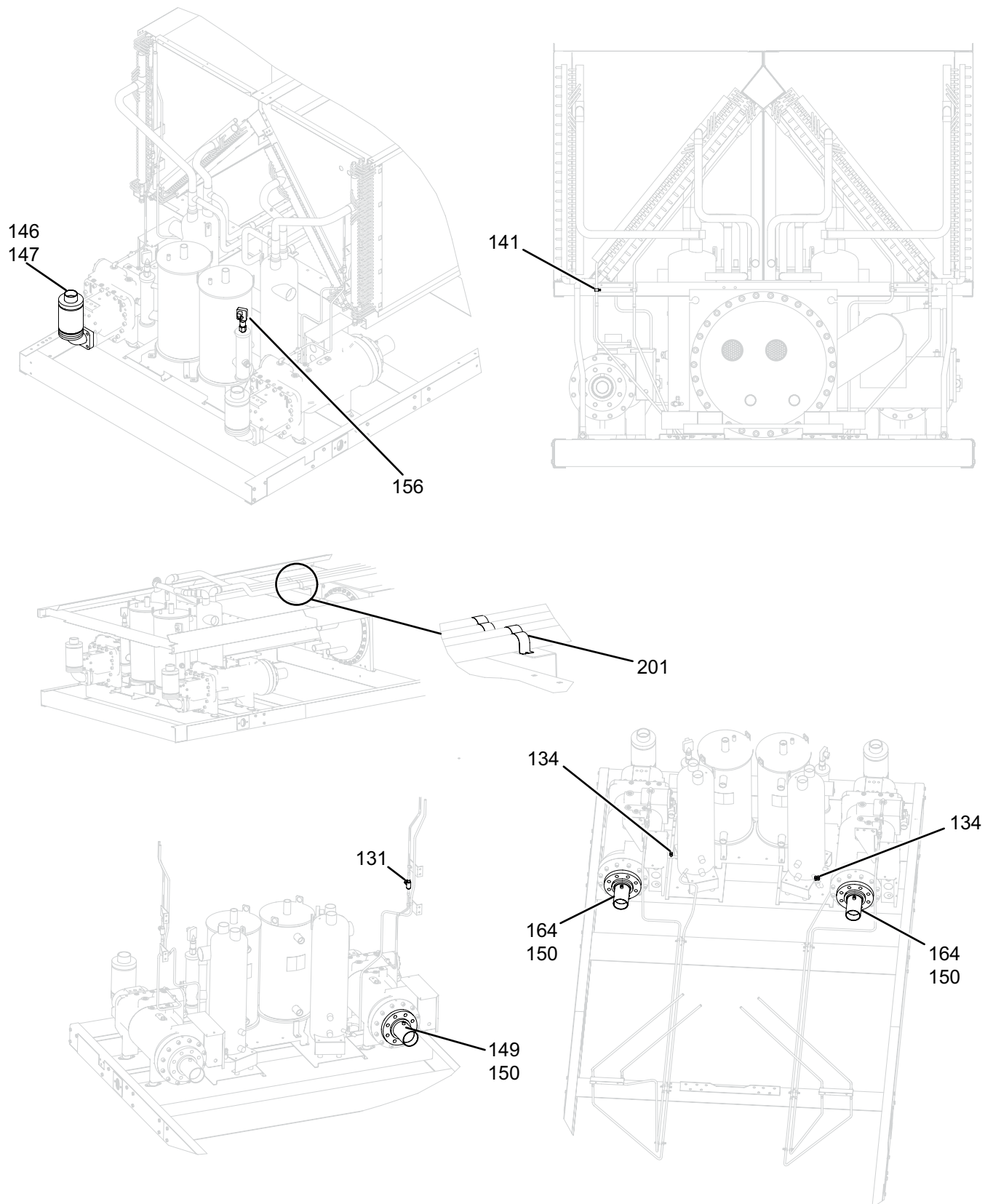
Item 156 - Level Sensor - See SI0301, it may apply concerning calibrating the sensor.



Models 0457-1649

LD21770

FIGURE 22 - PIPING ASSEMBLY - MODELS 0457 AND 1649 (PIN 9 = S, P, C)



LD21771

FIGURE 23 - PIPING ASSEMBLY - MODELS 0457 AND 1649 (PIN 9 = S, P, C)

TABLE 29 - COIL MODULE STANDARD (PIN 9 = S, P, H OR C)

ITEM	DESCRIPTION	SYSTEM	0287 AND 1070	0307 AND 1180	0357 AND 1340	0397 AND 1500	0457 AND 1649	FIGURE
ALUMINUM COILS - PIN 45 = X								
1	Coil Assembly Front Module	Sys 1	375-55350-001	375-55350-001	375-55350-001	375-54395-001	375-93073-001	24
2			375-55350-002	375-55350-002	375-55350-002	375-54395-002	375-93073-002	
3		Sys 2	375-55356-003	375-55350-003	375-55350-003	375-54395-003	375-93073-003	
4			375-55356-004	375-55350-004	375-55350-004	375-54395-004	375-93073-004	
5	Coil Assembly Rear Module	Sys 3	375-51010-001	375-51010-001	375-51014-001	375-51014-001	375-93074-001	
6			375-51010-002	375-51010-002	375-51014-002	375-51014-002	375-93074-002	
7		Sys 3	375-51010-003	375-51010-003	375-51014-003	375-51014-003	375-93074-003	
8			375-51010-004	375-51010-004	375-51014-004	375-51014-004	375-93074-004	
COPPER FIN COILS PIN 45 = C								
1	Coil Assembly Front Module	Sys 1	375-55350-005	375-55350-005	375-55350-005	375-54395-005	375-93073-005	24
2			375-55350-006	375-55350-006	375-55350-006	375-54395-006	375-93073-006	
3		Sys 2	375-55356-007	375-55350-007	375-55350-007	375-54395-007	375-93073-007	
4			375-55356-008	375-55350-008	375-55350-008	375-54395-008	375-93073-008	
5	Coil Assembly Rear Module	Sys 3	375-51010-005	375-51010-005	375-51014-005	375-51014-005	375-93074-005	
6			375-51010-006	375-51010-006	375-51014-006	375-51014-006	375-93074-006	
7		Sys 3	375-51010-007	375-51010-007	375-51014-007	375-51014-007	375-93074-007	
8			375-51010-008	375-51010-008	375-51014-008	375-51014-008	375-93074-008	
PRE COATED COILS PIN 45 = B								
1	Coil Assembly Front Module	Sys 1	375-55350-009	375-55350-009	375-55350-009	375-54395-009	375-93073-009	24
2			375-55350-010	375-55350-010	375-55350-010	375-54395-010	375-93073-010	
3		Sys 2	375-55356-011	375-55350-011	375-55350-011	375-54395-011	375-93073-011	
4			375-55356-012	375-55350-012	375-55350-012	375-54395-012	375-93073-012	
5	Coil Assembly Rear Module	Sys 3	375-51010-009	375-51010-009	375-51014-009	375-51014-009	375-93074-009	
6			375-51010-010	375-51010-010	375-51014-010	375-51014-010	375-93074-010	
7		Sys 3	375-51010-011	375-51010-011	375-51014-011	375-51014-011	375-93074-011	
8			375-51010-012	375-51010-012	375-51014-012	375-51014-012	375-93074-012	
POST COATED COILS PIN 45 = P								
1	Coil Assembly Front Module	Sys 1	375-58328-005	375-58328-005	375-58328-005	375-58328-009	375-93073-013	24
2			375-58328-006	375-58328-006	375-58328-006	375-58328-010	375-93073-014	
3		Sys 2	375-58328-003	375-58328-007	375-58328-007	375-58328-011	375-93073-015	
4			375-58328-004	375-58328-008	375-58328-008	375-58328-012	375-93073-016	
5	Coil Assembly Rear Module	Sys 3	375-58328-013	375-58328-013	375-58328-017	375-58328-017	375-93074-013	
6			375-58328-014	375-58328-014	375-58328-018	375-58328-018	375-93074-014	
7		Sys 3	375-58328-015	375-58328-015	375-58328-019	375-58328-019	375-93074-015	
8			375-58328-016	375-58328-016	375-58328-020	375-58328-020	375-93074-016	
PRE-COATED EPOXY PIN 45 = E								
1	Coil Assembly Front Module	Sys 1	375-67024-009	375-67024-009	375-67024-009	375-67016-009	375-93073-017	24
2			375-67024-010	375-67024-010	375-67024-010	375-67016-010	375-93073-018	
3		Sys 2	375-67025-011	375-67024-011	375-67024-011	375-67016-011	375-93073-019	
4			375-67025-012	375-67024-012	375-67024-012	375-67016-012	375-93073-020	
5	Coil Assembly Rear Module	Sys 3	375-72368-001	375-72368-001	375-72369-001	375-72369-001	375-93074-017	
6			375-72368-002	375-72368-002	375-72369-002	375-72369-002	375-93074-018	
7		Sys 3	375-72368-003	375-72368-003	375-72369-003	375-72369-003	375-93074-019	
8			375-72368-004	375-72368-004	375-72369-004	375-72369-004	375-93074-020	

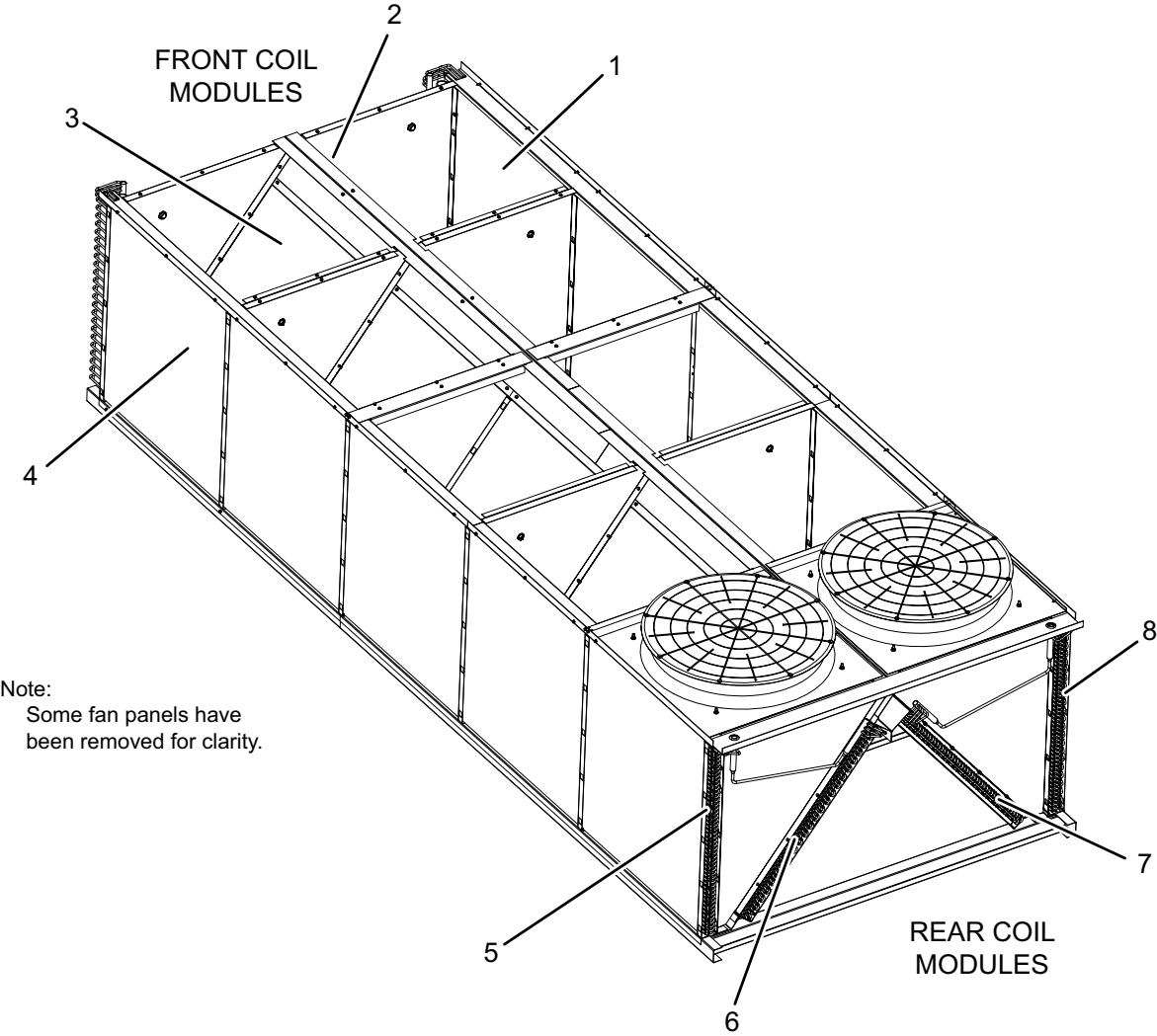
NOTE: All coils include coils and headers.

TABLE 30 - COIL MODULE HIGH (PIN 9 = E, V OR D)

ITEM	DESCRIPTION	SYSTEM	0267 AND 1050	0287 AND 1120	0327 AND 1220	00357 AND 1380	FIGURE
ALUMINUM COILS - PIN 45 = X							
1	Coil Assembly Front Module	Sys 1	375-55350-001	375-55350-001	375-55350-001	375-54395-001	24
2			375-55350-002	375-55350-002	375-55350-002	375-54395-002	
3		Sys 2	375-55350-003	375-55350-003	375-55350-003	375-54395-003	
4			375-55350-004	375-55350-004	375-55350-004	375-54395-004	
5	Coil Assembly Rear Module	Sys 3	375-51010-001	375-51014-001	375-51014-001	375-51014-001	
6			375-51010-002	375-51014-002	375-51014-002	375-51014-002	
7		Sys 3	375-51010-003	375-51010-003	375-51014-003	375-51014-003	
8			375-51010-004	375-51010-004	375-51014-004	375-51014-004	
COPPER FIN COILS PIN 45 = C							
1	Coil Assembly Front Module	Sys 1	375-55350-005	375-55350-005	375-55350-005	375-54395-005	24
2			375-55350-006	375-55350-006	375-55350-006	375-54395-006	
3		Sys 2	375-55350-007	375-55350-007	375-55350-007	375-54395-007	
4			375-55350-008	375-55350-008	375-55350-008	375-54395-008	
5	Coil Assembly Rear Module	Sys 3	375-51010-005	375-51014-005	375-51014-005	375-51014-005	
6			375-51010-006	375-51014-006	375-51014-006	375-51014-006	
7		Sys 3	375-51010-007	375-51010-007	375-51014-007	375-51014-007	
8			375-51010-008	375-51010-008	375-51014-008	375-51014-008	
PRE COATED COILS PIN 45 = B							
1	Coil Assembly Front Module	Sys 1	375-55350-009	375-55350-009	375-55350-009	375-54395-009	24
2			375-55350-010	375-55350-010	375-55350-010	375-54395-010	
3		Sys 2	375-55350-011	375-55350-011	375-55350-011	375-54395-011	
4			375-55350-012	375-55350-012	375-55350-012	375-54395-012	
5	Coil Assembly Rear Module	Sys 3	375-51010-009	375-51014-009	375-51014-009	375-51014-009	
6			375-51010-010	375-51014-010	375-51014-010	375-51014-010	
7		Sys 3	375-51010-011	375-51010-011	375-51014-011	375-51014-011	
8			375-51010-012	375-51010-012	375-51014-012	375-51014-012	
POST COATED COILS PIN 45 = P							
1	Coil Assembly Front Module	Sys 1	375-58328-005	375-58328-005	375-58328-005	375-58328-009	24
2			375-58328-006	375-58328-006	375-58328-006	375-58328-010	
3		Sys 2	375-58328-007	375-58328-007	375-58328-007	375-58328-011	
4			375-58328-008	375-58328-008	375-58328-008	375-58328-012	
5	Coil Assembly Rear Module	Sys 3	375-58328-013	375-58328-017	375-58328-017	375-58328-017	
6			375-58328-014	375-58328-018	375-58328-018	375-58328-018	
7		Sys 3	375-58328-015	375-58328-015	375-58328-019	375-58328-019	
8			375-58328-016	375-58328-016	375-58328-020	375-58328-020	
PRE-COATED EPOXY PIN 45 = E							
1	Coil Assembly Front Module	Sys 1	375-67024-009	375-67024-009	375-67024-009	375-67016-009	24
2			375-67024-010	375-67024-010	375-67024-010	375-67016-010	
3		Sys 2	375-67024-011	375-67024-011	375-67024-011	375-67016-011	
4			375-67024-012	375-67024-012	375-67024-012	375-67016-012	
5	Coil Assembly Rear Module	Sys 3	375-72368-001	375-72369-001	375-72369-001	375-72369-001	
6			375-72368-002	375-72369-002	375-72369-002	375-72369-002	
7		Sys 3	375-72368-003	375-72368-003	375-72369-003	375-72369-003	
8			375-72368-004	375-72368-004	375-72369-004	375-72369-004	

NOTE: All coils include coils and headers.

**POWER PANEL
END OF CHILLER**



LD21833

FIGURE 24 - COIL MODULE

TABLE 31 - LOW SOUND FANS

ITEM	PIN 11+12=	DESCRIPTION	PART NO	SAP	QUANTITY	FIGURE
1	40, 46, 50	Orifice Flanged	026-45789-000	741232	1	25
2	50	Guard Fan	026-46008-001	638459	1	25
	40, 46		026-46008-000	685987		
3	50	Motor Fan	024-27322-207	735405	1	25
	40, 46	Motor Fan 380V-3PH-60Hz	024-27322-104	735402		
4	40, 46, 50	Support Fan Motor 50/60Hz	026-41938-000	533477	1	25
5	40, 46, 50	Support, Ring	026-36367-000	440496	2	25
6	50	Fan Impeller	026-41943-000	440497	1	25
	40, 46		026-41594-000	741043		

TABLE 32 - ULTRA QUIET FANS

ITEM	PIN 11+12=	DESCRIPTION	PART NO	SAP	QUANTITY	FIGURE
1	40, 46, 50	Orifice Flanged	026-45789-000	741232	1	25
2	50	Guard Fan	026-46008-001	638459	1	25
	40, 46		026-46008-000	685987		
3	50	Motor Fan	024-34980-103	736130	1	25
	40		024-34980-105	736132		
	46		024-34980-101	736128		
4	50	Support Fan Motor	026-45533-000	446229	1	25
5	40, 46, 50	Support, Ring	026-36367-000	440496	2	25
6	50	Fan Impeller	026-45549-000	741224	1	25
	40		026-41942-000	278862		

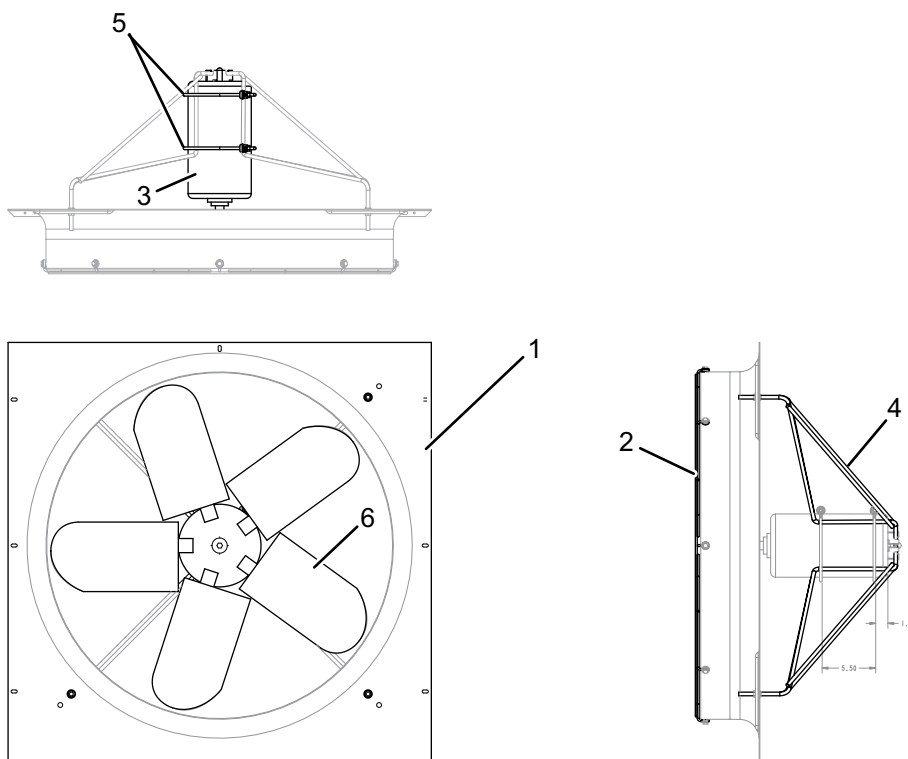


FIGURE 25 - LOW SOUND FANS AND ULTRA QUIET FANS

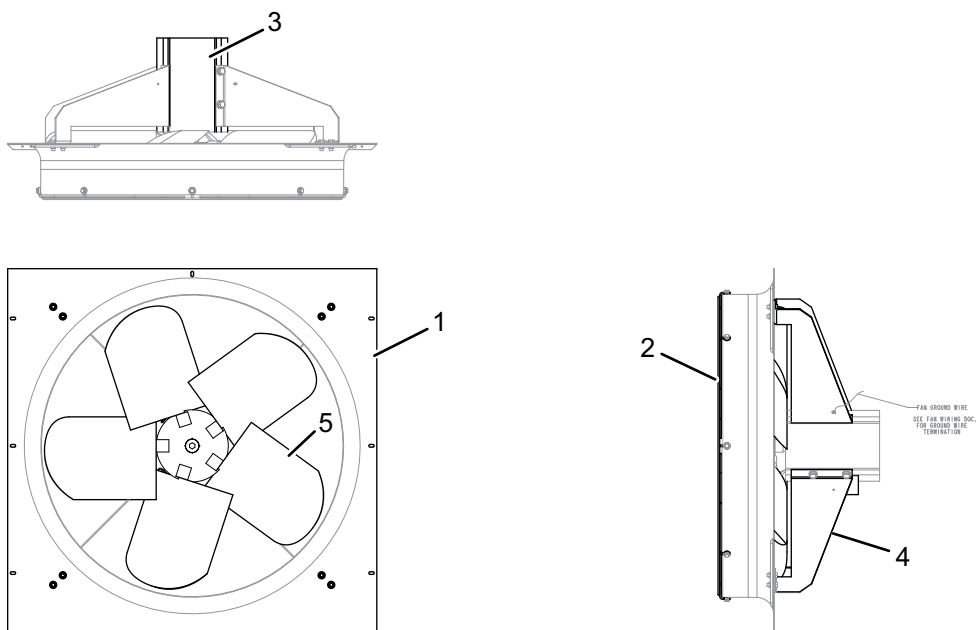
LD21741

TABLE 33 - HIGH STATIC FANS

ITEM	PIN 11+12=	DESCRIPTION	PART NO	SAP	QUANTITY	FIGURE
1	50, 60	Orifice Flanged	026-45789-000	741232	1	26
2	50, 60	Guard Fan	026-46008-001	638459	1	26
3	50	Motor Fan	024-36081-003	706269	1	26
4	50, 60	Bracket Fan Support	075-67014-000	635528	4	26
5	50	Fan Impeller	026-46066-000	635529	1	26
	60		026-45538-000	706270		

TABLE 34 - HIGH AIR FLOW

ITEM	PIN 11+12=	DESCRIPTION	PART NO	SAP	QUANTITY	FIGURE
1	50, 60	Orifice Flanged	026-45789-000	741232	1	26
2	50, 60	Guard Fan	026-46008-001	638459	1	26
3	50	Motor Fan	024-36874-004	635527	1	26
	40		024-36874-002	736404		
	46		024-36874-003	736405		
4	40, 46, 50	Bracket Fan Support	075-67014-000	635528	4	26
5	50	Fan Impeller	026-46066-000	635529	1	26
	40, 46		026-45538-000	706270		

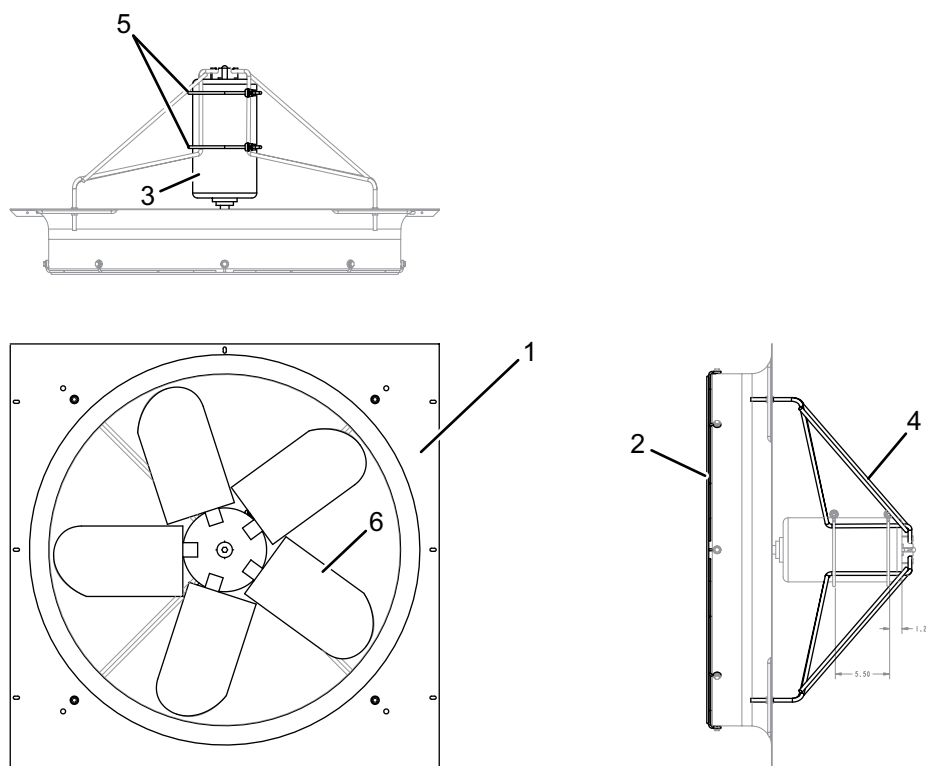


LD21742

FIGURE 26 - HIGH STATIC FANS AND HIGH AIR FLOW

TABLE 35 - TWO SPEED FANS

ITEM	PIN 11+12=	DESCRIPTION	PART NO	SAP	QUANTITY	FIGURE
1	50	Orifice Flanged	026-45789-000	741232	1	27
2	50	Guard Fan	026-46008-001	638459	1	27
3	50	Motor Fan	024-36140-003	736328	1	27
4	50	Support Fan Motor	026-45533-000	446229	1	27
5	40, 46, 50	Support, Ring	026-36367-000	440496	2	27
6	50	Fan Impeller	026-45549-000	741224	1	27



LD21743

FIGURE 27 - TWO SPEED FANS

TABLE 36 - FAN WIRING - STANDARD LOW SOUND AND ULTRA QUIET FANS

ITEM	PIN 9 =	MODEL	DESCRIPTION	PART NUMBER	SAP
1	S, P, C	0287, 0307, 1070	Fan Harness Set (5-4-4) Std Fan	375-71922-005	791643
	E,V,D	0267, 1050			
	S, P, C	0357, 0397, 1340, 1500	Fan Harness Set (5-5-6) Std	375-71922-002	791640
	E,V,D	0327, 1220			
	S, P, C	0397, 1500	Fan Harness Set (6-6-6) Std	375-71922-001	791639
	E,V,D	0357, 1380			
	E,V,D	0287, 0327, 1120, 1220	Fan Harness Set (5-5-5) Std Fans	375-71922-004	791642
2	All	0267-0397, 1050-1500	Wiring Harness (Fans)	575-54455-013	807369
3	All	0267-0397, 1050-1500	Wiring Harness (Fans)	575-54455-014	807370
4	S, P, C	0287, 0307, 0357, 1070, 1180, 1340	Wiring Conduit Sys 3 On Sys 1	575-54455-049	807399
	E,V,D	0267, 0287, 0327, 1050, 1120, 1220			
	S, P, C	0397, 1500	Wiring Conduit Sys 3 On Sys 1	575-54455-015	807371
	E,V,D	0357, 1380			
5	S, P, C	0287, 0307, 0357, 1070, 1180, 1340	Wiring Conduit Sys 3 On Sys 2	575-54455-050	807400
	E,V,D	0267, 0287, 0327, 1050, 1120, 1220			
	S, P, C	0397, 1500	Wiring Conduit Sys 3 On Sys 2	575-54455-016	807372
	E,V,D	0357, 1380			
7	All	0267-0397, 1050-1500	HSG Connr Electrical Plug	025-21196-000	737653
8	All	0267-0397, 1050-1500	HSG Connr Electrical Plug	025-21192-000	737649
9	All	0267-0397, 1050-1500	HSG Connr Electrical Plug	025-21196-001	563475
10	All	0267-0397, 1050-1500	HSG Connr Electrical Plug	025-21192-001	563476
11	All	0267-0397, 1050-1500	HSG Connr Electrical Plug	025-21196-002	737654
12	All	0267-0397, 1050-1500	HSG Connr Electrical Plug	025-21192-002	737650
13	All	0267-0397, 1050-1500	Plate Assy Fans/Glycol Harness	375-66982-002	787011
14	All	0267-0397, 1050-1500	Gasket Fan Hrns	028-15271-001	706221
101	All	0267-0397, 1050-1500	Wiring Harness (Fans)	575-54455-001	807357
102	All	0267-0397, 1050-1500	Wiring Harness (Fans)	575-54455-002	807358
103	All	0267-0397, 1050-1500	Wiring Harness (Fans)	575-54455-003	807359
104	All	0267-0397, 1050-1500	Wiring Harness (Fans)	575-54455-004	807360
105	All	0267-0397, 1050-1500	Wiring Harness (Fans)	575-54455-005	807361
106	All	0267-0397, 1050-1500	Wiring Harness (Fans)	575-54455-006	807362
107	All	0267-0397, 1050-1500	Wiring Harness (Fans)	575-54455-007	807363
108	All	0267-0397, 1050-1500	Wiring Harness (Fans)	575-54455-008	807364
109	All	0267-0397, 1050-1500	Wiring Harness (Fans)	575-54455-009	807365
110	S, P, C	0357, 0397, 1340, 1500	Wiring Harness (Fans)	575-54455-010	807366
	E,V,D	0287, 0327, 0357, 1050, 1220, 1380			
111	S, P, C	0397, 1500	Wiring Harness (Fans)	575-54455-011	807367
	E,V,D	0357, 1380			
112	S, P, C	0397, 1500	Wiring Harness (Fans)	575-54455-012	807368
	E,V,D	0357, 1380			

TABLE 36 - FAN WIRING - STANDARD LOW SOUND AND ULTRA QUIET FANS (CONT'D)

ITEM	PIN 9 =	MODEL	DESCRIPTION	PART NUMBER	SAP
113	S, P, C	0287, 0307, 1070, 1180	Fan Harness Std 3 Comp	575-71921-050	808175
		0357, 1340		575-71921-033	808165
		0397, 1500		575-71921-017	808159
	E,V,D	0267, 1050		575-71921-050	808175
		0287, 1120		575-71921-044	808171
		0327, 1220		575-71921-033	808165
		0357, 1380		575-71921-017	808159
115	S, P, C	0287, 0307, 1070, 1180	Fan Harness Std 3 Comp	575-71921-051	808176
		0357, 1340		575-71921-034	808166
		0397, 1500		575-71921-018	808160
	E,V,D	0267, 1050		575-71921-051	808176
		0287, 1120		575-71921-045	808172
		0327, 1220		575-71921-034	808166
		0357, 1380		575-71921-018	808160
117	S, P, C	0287, 0307, 1070, 1180	Fan Harness Std 3 Comp	575-71921-052	808177
		0357, 1340		575-71921-035	808167
		0397, 1500		575-71921-019	808161
	E,V,D	0267, 1050		575-71921-052	808177
		0287, 1120		575-71921-047	808173
		0327, 1220		575-71921-035	808167
		0357, 1380		575-71921-019	808161
119	S, P, C	0287, 0307, 1070, 1180	Fan Harness Std 3 Comp	575-71921-053	808178
		0357, 1340		575-71921-036	808168
		0397, 1500		575-71921-020	808162
	E,V,D	0267, 050		575-71921-053	808178
		0287, 0327, 1120, 1220		575-71921-036	808168
		0357, 1380		575-71921-020	808162
121	S, P, C	0357, 1340	Fan Harness Std 3 Comp	575-71921-037	808169
		0397, 1500		575-71921-021	808163
	E,V,D	0327, 1220		575-71921-037	808169
		0357, 1380		575-71921-021	808163
		0267, 1050		575-71921-048	808174
123	S, P, C	0357, 1340	Fan Harness Std 3 Comp	575-71921-038	808170
		0397, 1500		575-71921-022	808164
	E,V,D	0327, 1220		575-71921-038	808170
		0357, 1380		575-71921-022	808164

TABLE 37 - FAN WIRING STANDARD LOW SOUND AND ULTRA QUIET

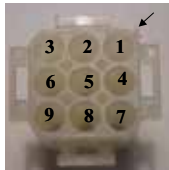
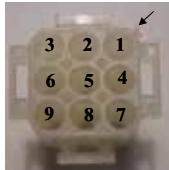
SYSTEM #1 FAN WIRING							
Plug Detail	Plug P/N	Plug "P" No.	Plug Pin No.	Wire No.	Fan No.	Harness Assembly Part Number	
 (Item 7)	Plug = 025-21196-000	P40	1	159A	1	575-54455-001 ** (Item 101)	
			2	160A			
			3	161A			
			4	162A	3	575-54455-003 ** (Item 103)	
			5	163A			
			6	164A			
			7	162B	5	575-54455-005 ** (Item 105)	
			8	163B			
			9	164B			
			10	165A	7	575-54455-007 ** (Item 107)	
			11	166A			
			12	167A			
 (Item 8)	Plug = 025-21192-000	P41	1	165B	9	575-54455-009 ** (Item 109)	
			2	166B			
			3	167B			
			4	159B	11	575-54455-011 ** (Item 111)	
			5	160B			
			6	161B			
			7	GRD	GRD	* 575-54455-210	
			8				
			9				
			SYSTEM #2 FAN WIRING				
 (Item 9)	Plug = 025-21196-001	P42	1	259A	2	575-54455-002 ** (Item 102)	
			2	260A			
			3	261A			
			4	262A	4	575-54455-004 ** (Item 104)	
			5	263A			
			6	264A			
			7	262B	6	575-54455-006 ** (Item 106)	
			8	263B			
			9	264B			
			10	265A	8	575-54455-008 ** (Item 108)	
			11	266A			
			12	267A			
 (Item 10)	Plug = 025-21192-001	P43	1	265B	10	575-54455-010 ** (Item 110)	
			2	266B			
			3	267B			
			4	259B	12	575-54455-012 ** (Item 112)	
			5	260B			
			6	261B			
			7	GRD	GRD	* 575-54455-211	
			8				
			9				

TABLE 37 - FAN WIRING STANDARD LOW SOUND AND ULTRA QUIET (CONT'D)

SYSTEM #3 FAN WIRING						
Plug Detail	Plug P/N	Plug "P" No.	Plug Pin No.	Wire No.	Fan No.	Harness Assembly Part Number
 (Item 11)	Plug = 025-21196-002	P60	1	359A	13	575-71921-017 ** (Item 113)
			2	360A		
			3	361A		
			4	362A	17	575-71921-019 ** (Item 117)
			5	363A		
			6	364A		
			7	362B	19	575-71921-020 ** (Item 119)
			8	363B		
			9	364B		
			10	365A	21	575-71921-021 ** (Item 121)
			11	366A		
			12	367A		
 (Item 12)	Plug = 025-21192-002	P61	1	365B	23	575-71921-022 ** (Item 123)
			2	366B		
			3	367B		
			4	359B	15	575-71921-018 ** (Item 115)
			5	360B		
			6	361B		
			7	GRD	GRD	* 575-54455-218
			8	GRD	GRD	* 575-54455-219
			9			

NOTE: * Harness picked up on module.
** Part of Fan Harness Set (Item 1).

TABLE 38 - FAN WIRING - HIGH AIR FLOW AND HIGH STATIC FANS

ITEM	PIN 9 =	MODEL	DESCRIPTION	PART NUMBER	SAP	FIGURE
1	S, P, C	0287, 1170	Fan Harnes Set High Head Fans	375-70861-005	790602	*
		307, 1180	Fan Harnes Set High Head Fans	375-70861-003	790600	
		30357, 1340	Fan Harnes Set 2 Speed Fans	375-70861-002	790599	
		0397, 1500	Fan Harnes Set High Head Fans	375-70861-001	790598	
	E, V, D	0267, 1050	Fan Harnes Set High Head Fans	375-70861-003	790600	
		0287, 1120	Fan Harnes Set High Head Fans	375-70861-004	790601	
		0327, 1220	Fan Harnes Set 2 Speed Fans	375-70861-002	790599	
		0357, 1380	Fan Harnes Set High Head Fans	375-70861-001	790598	
2	S, P, C	0287, 0307, 0357, 0397, 1170, 1180, 1340, 1500	Wiring Harness 4 Fan	575-66928-258	808058	28
	E, V, D	0267, 0327, 0357, 1050, 1220, 1380				
		0287, 1120	Wiring Harness 5 Fan	575-66928-257	808057	
3	S, P, C	0287, 0307, 0357, 1170, 1180, 1340	Harness Conduit	575-66928-084	808048	28
		0397, 1500		575-66928-086	808050	
	E, V, D	0267, 0327, 1050, 1220		575-66928-084	808048	
		0287, 0357, 1120, 1380		575-66928-086	808050	
4	S, P, C	0287, 0307, 0357, 1170, 1180, 1340	Harness Conduit	575-66928-085	808049	28
		0397, 1500		575-66928-087	808051	
	E, V, D	0267, 0287, 0327, 0357, 1050, 1120, 1220, 1380		575-66928-085	808049	
7	All	0267-0397, 1050-1500	HSG Connr Electrical Plug	025-21196-000	737653	TABLE 39
8	All	0267-0397, 1050-1500	HSG Connr Electrical Plug	025-21192-000	737649	
9	All	0267-0397, 1050-1500	HSG Connr Electrical Plug	025-21196-001	563475	
10	All	0267-0397, 1050-1500	HSG Connr Electrical Plug	025-21192-001	563476	
11	All	0267-0397, 1050-1500	HSG Connr Electrical Plug	025-21196-002	737654	
12	All	0267-0397, 1050-1500	HSG Connr Electrical Plug	025-21192-002	737650	
13	All	0267-0397, 1050-1500	Plate Assy Fans/Glycol Harness	375-66982-003	787012	28
14	All	0267-0397, 1050-1500	Gasket Fan Hrns	028-15271-001	706221	28
16	All	0267-0397, 1050-1500	Wiring Harness (Fans Conduit)	575-65662-082	807892	28
17	All	0267-0397, 1050-1500	Wiring Harness (Fan Conduit)	575-66928-083	808047	28
18	S, P, C	0287, 0307, 0357, 1050, 1180, 1340	Wiring Harness 5 Fan	575-66928-253	808055	28
		0397, 1500	Wiring Harness 2 Speed Fan	575-66928-250	808052	
	E, V, D	0267, 0287, 0327, 1050, 1120, 1220	Wiring Harness 5 Fan	575-66928-253	808055	
		0357, 1380	Wiring Harness 2 Speed Fan	575-66928-250	808052	
19	S, P, C	0287, 0307, 0357, 1050, 1180, 1340	Wiring Harness 5 Fan	575-66928-255	808056	28
		0397, 1500	Wiring Harness 2 Speed Fan	575-66928-251	808053	
	E, V, D	0267, 0287, 0327, 1050, 1120, 1220	Wiring Harness 5 Fan	575-66928-255	808056	
		0357, 1380	Wiring Harness 2 Speed Fan	575-66928-251	808053	

TABLE 38 - FAN WIRING - HIGH AIR FLOW AND HIGH STATIC FANS (CONT'D)

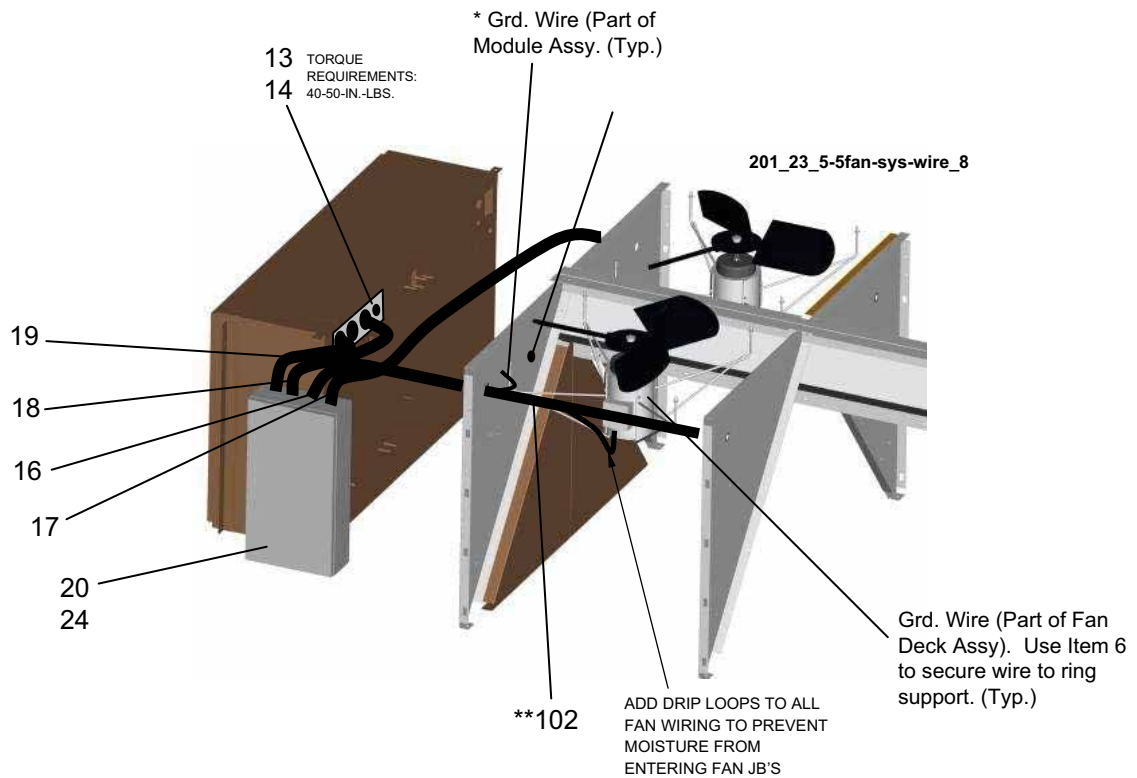
ITEM	PIN 9 =	MODEL	DESCRIPTION	PART NUMBER	SAP	FIGURE
20	S, P, C	0287, 1170	Contactor Control Box High Amb	371-05189-205	772987	28
		0307, 1180		371-05189-204	772986	
		0357, 1340		371-05189-202	772984	
		0397, 1500		371-05189-201	772983	
	E, V, D	0267, 1050		371-05189-204	772986	
		0287, 1120		371-05189-203	772985	
		0327, 1220		371-05189-202	772984	
		0357, 1380		371-05189-201	772983	
24	All	0267-0397, 1050-1500	Support Fan Panel	075-65713-000	755499	28
25	All	0267-0397, 1050-1500	Plug Id= Hd=34.900Mm Nylon	028-15793-000	742149	*
** 101	All	0267-0397, 1050-1500	Wiring Harness (Fans)	575-66928-001	808015	*
** 102	All	0267-0397, 1050-1500	Wiring Harness (Fans)	575-66928-002	808016	28
** 103	All	0267-0397, 1050-1500	Wiring Harness (Fans)	575-66928-003	808017	*
** 104	All	0267-0397, 1050-1500	Wiring Harness (Fans)	575-66928-004	808018	*
** 105	All	0267-0397, 1050-1500	Wiring Harness (Fans)	575-66928-005	808019	*
** 106	All	0267-0397, 1050-1500	Wiring Harness (Fans)	575-66928-006	808020	*
** 107	All	0267-0397, 1050-1500	Wiring Harness (Fans)	575-66928-007	808021	*
** 108	All	0267-0397, 1050-1500	Wiring Harness (Fans)	575-66928-008	808022	*
** 109	All	0267-0397, 1050-1500	Wiring Harness (Fans)	575-66928-009	808023	*
** 110	S, P, C	0307, 0357, 0397, 1180, 1340, 1500	Wiring Harness (Fans)	575-66928-010	808024	*
	E, V, D	0267, 0287, 0327, 0357, 1050, 1120, 1220, 1380		575-66928-010	808024	
** 111	All	0357, 0397, 1380, 1500	Wiring Harness (Fans)	575-66928-011	808025	*
** 112	All	0357, 0397, 1380, 1500	Wiring Harness (Fans)	575-66928-012	808026	*
** 113	S, P, C	0287, 0307, 1170, 1180	Fan Harness High Head 3 Comp	575-66928-050	808043	*
		0357, 1340		575-66928-033	808033	
		0397, 1500		575-66928-017	808027	
	E, V, D	0267, 1050		575-66928-050	808043	
		0287, 1120		575-66928-044	808039	
		0327, 1220		575-66928-033	808033	
		0357, 1380		575-66928-017	808027	
** 115	S, P, C	0287, 0307, 1170, 1180	Fan Harness High Head 3 Comp	575-66928-051	808044	*
		0357, 1340		575-66928-034	808034	
		0397, 1500		575-66928-018	808028	
	E, V, D	0267, 1050		575-66928-051	808044	
		0287, 1120		575-66928-045	808040	
		0327, 1220		575-66928-034	808034	
		0357, 1380		575-66928-018	808028	
** 117	S, P, C	0287, 0307, 1170, 1180	Fan Harness High Head 3 Comp	575-66928-052	808045	*
		0357, 1340		575-66928-035	808035	
		0397, 1500		575-66928-019	808029	
	E, V, D	0267, 1050		575-66928-052	808045	
		0287, 1120		575-66928-046	808041	
		0327, 1220		575-66928-035	808035	
		0357, 1380		575-66928-019	808029	

TABLE 38 - FAN WIRING - HIGH AIR FLOW AND HIGH STATIC FANS (CONT'D)

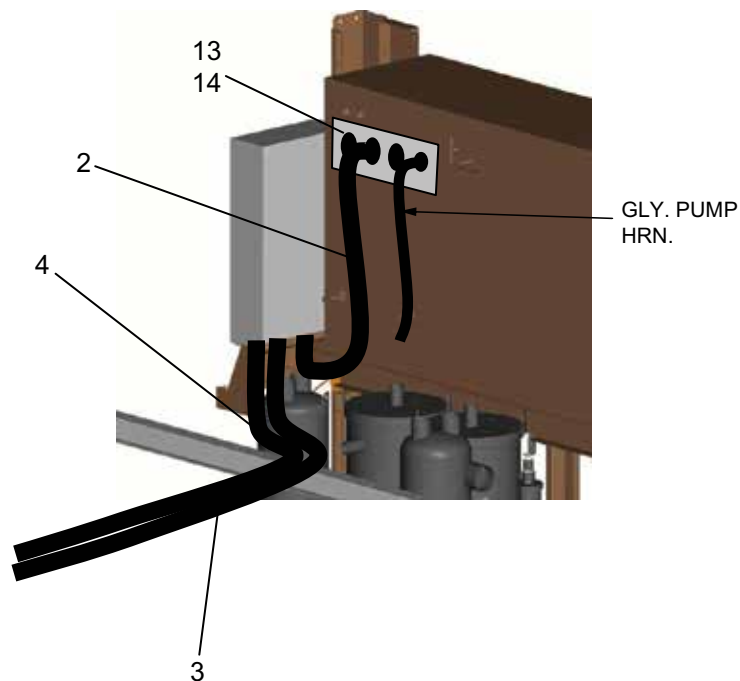
ITEM	PIN 9 =	MODEL	DESCRIPTION	PART NUMBER	SAP	FIGURE
** 119	S, P, C	0287, 0307, 1170, 1180	Fan Harness High Head 3 Comp	575-66928-053	808046	*
		0357, 1340		575-66928-036	808036	
		0397, 1500		575-66928-020	808030	
	E, V, D	0267, 1050		575-66928-053	808046	
		0287, 1120		575-66928-036	808036	
		0327, 1220		575-66928-020	808030	
		0357, 1380		575-66928-021	808031	
** 121	S, P, C	0397, 1500	Fan Harness High Head 3 Comp	575-66928-037	808037	*
	E, V, D	0357, 1380		575-66928-048	808042	
	E, V, D	0287, 1120				
** 123	S, P, C	0397, 1500	Fan Harness High Head 3 Comp	575-66928-038	808038	*
	E, V, D	0357, 1380				
	E, V, D	0287, 1120		575-66928-022	808032	

NOTE: ** Part of Fan Harness Set (Item 1).

SYSTEM 1 & 2



SYSTEM 3



LD21834

FIGURE 28 - FAN WIRING - HIGH AIR FLOW AND HIGH STATIC FANS

TABLE 39 - FAN WIRING HIGH AIR FLOW / HIGH STATIC

SYSTEM #1 FAN WIRING					
Plug Detail	Plug P/N	Plug "P" No.	Plug Pin No.	Wire No.	Harness Assembly Part Number
 (Item 7)	Plug = 025-21196-000	P40	1	159C	575-66928-250
			2	160C	
			3	161C	
			4	162C	
			5	163C	
			6	164C	
			7	162D	
			8	163D	
			9	164D	
			10	165C	
			11	166C	
			12	167C	
 (Item 8)	Plug = 025-21192-000	P41	1	165D	
			2	166D	
			3	167D	
			4	159D	
			5	160D	
			6	161D	
			7	GRD	
			8		
			9		
SYSTEM #2 FAN WIRING					
 (Item 9)	Plug = 025-21196-001	P42	1	259C	575-66928-251
			2	260C	
			3	261C	
			4	262C	
			5	263C	
			6	264C	
			7	262D	
			8	263D	
			9	264D	
			10	265C	
			11	266C	
			12	267C	
 (Item 10)	Plug = 025-21192-001	P43	1	265D	
			2	266D	
			3	267D	
			4	259D	
			5	260D	
			6	261D	
			7	GRD	
			8		
			9		

TABLE 39 - FAN WIRING HIGH AIR FLOW / HIGH STATIC (CONT'D)

SYSTEM #3 FAN WIRING					
Plug Detail	Plug P/N	Plug "P" No.	Plug Pin No.	Wire No.	Harness Assembly Part Number
 (Item 11)	Plug = 025-21196-002	P60	1	359C	575-66928-252
			2	360C	
			3	361C	
			4	362C	
			5	363C	
			6	364C	
			7	362D	
			8	363D	
			9	364D	
			10	365C	
			11	366C	
			12	367C	
 (Item 12)	Plug = 025-21192-002	P61	1	365D	575-66928-252
			2	366D	
			3	367D	
			4	359D	
			5	360D	
			6	361D	
			7	GRD	
			8		
			9		

TABLE 40 - FAN WIRING - HIGH AIR FLOW FANS - MODELS 0457 AND 1649

ITEM	DESCRIPTION	PART NUMBER	SAP	FIGURE
1	Fan Harness Set	375-94001-002	799029	*
2	Sys. #3/#4 VSD To Cbox	575-94003-021	808654	29
3	Sys. 3 V-Pnl To Cbox	575-94003-024	808657	29
4	Sys. 4 V-Pnl To Cbox	575-94003-025	808658	29
7	HSG Connr Electrical Plug	025-21196-000	737653	TABLE 41
8	HSG Connr Electrical Plug	025-21192-000	737649	
9	HSG Connr Electrical Plug	025-21196-001	563475	
10	HSG Connr Electrical Plug	025-21192-001	563476	
11	HSG Connr Electrical Plug	025-21196-002	737654	
12	HSG Connr Electrical Plug	025-21192-002	737650	
13	Plate Assy Fans/Gly (4 Compr)	375-55733-004	781964	29
14	Gasket Fan Hrns	028-15271-001	706221	29
16	Sys. 2 V-Pnl To Cbox	575-94003-023	808656	29
17	Sys. 1 V-Pnl To Cbox	575-94003-022	808655	29
18	Sys. #1 VSD To Cbox	575-94003-019	808652	29
19	Sys. #2 VSD To Cbox	575-94003-020	808653	29
20	Contact Control Box High Amb	371-05189-101	772978	29
26	HSG Connr Electrical Plug	025-21196-003	737655	TABLE 41
27	HSG Connr Electrical Plug	025-21192-003	737651	
28	Bracket Support	075-93149-000	761369	29
29	Bracket Support	075-93150-000	761370	29
** 101	Sys. #1 - Fan 1	575-94003-001	808634	*
** 102	Sys. #2 - Fan 2	575-94003-002	808635	*
** 103	Sys. #1 - Fan 3	575-94003-003	808636	*
** 104	Sys. #2 - Fan 4	575-94003-004	808637	*
** 105	Sys. #1 - Fan 5	575-94003-005	808638	*
** 106	Sys. #2 - Fan 6	575-94003-006	808639	*
** 107	Sys. #1 - Fan 7	575-94003-007	808640	*
** 108	Sys. #2 - Fan 8	575-94003-008	808641	*
** 109	Sys. #1 - Fan 9	575-94003-009	808642	*
** 110	Sys. #2 - Fan 10	575-94003-010	808643	*
** 111	Sys. #1 - Fan 11	575-94003-011	808644	*
** 112	Sys. #2 - Fan 12	575-94003-012	808645	*
** 113	Sys. #3 - Fan 13	575-94003-013	808646	*
** 114	Sys. #4 - Fan 14	575-94003-014	808647	*
** 115	Sys. #3 - Fan 15	575-94003-015	808648	*
** 116	Sys. #4 - Fan 16	575-94003-016	808649	*
** 117	Sys. #3 - Fan 17	575-94003-017	808650	*
** 118	Sys. #4 - Fan 18	575-94003-018	808651	*

NOTE: ** Part of Fan Harness Set (Item 1).

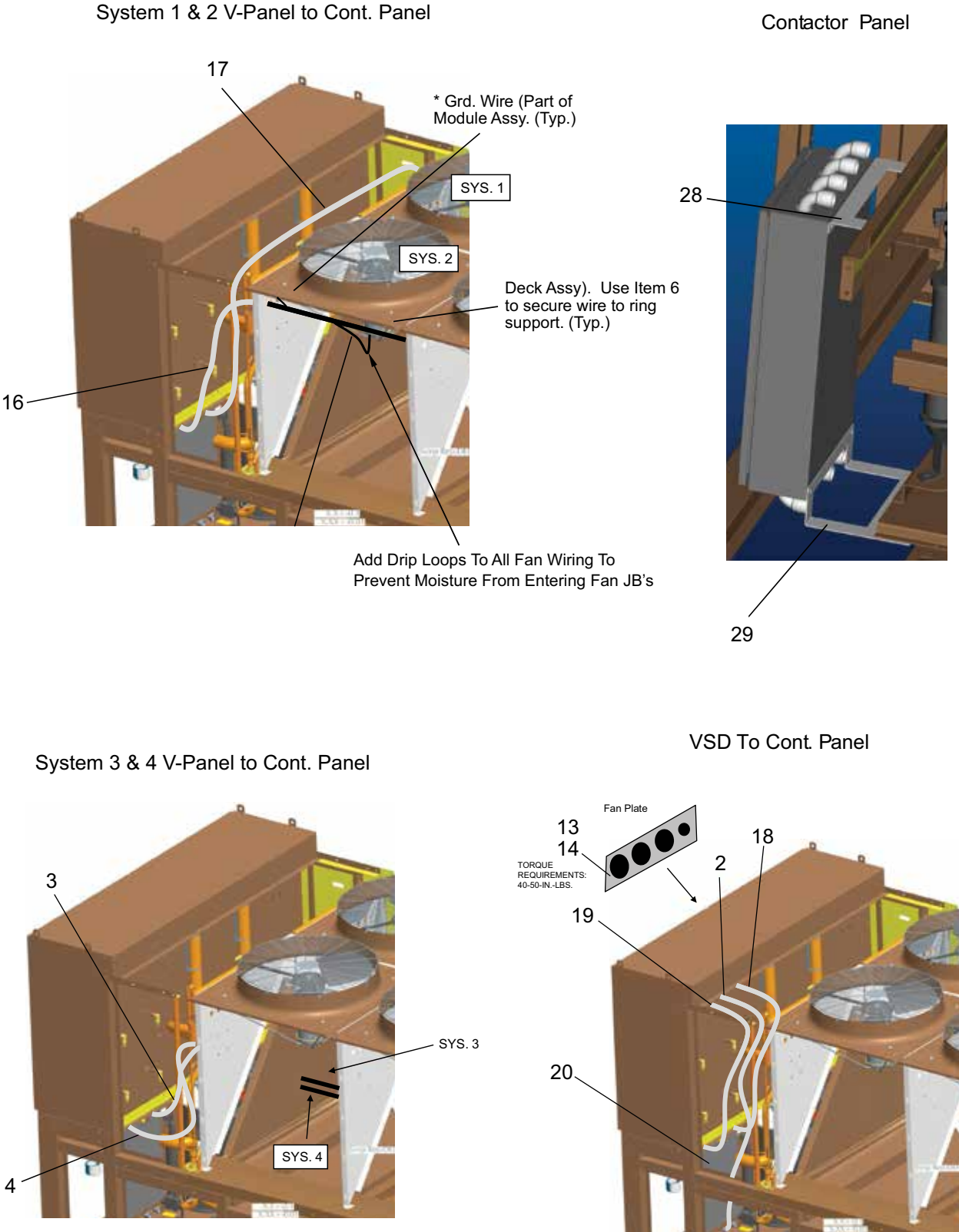


FIGURE 29 - FAN WIRING - HIGH AIR FLOW FANS - MODELS 0457 AND 1649

TABLE 41 - FAN WIRING HIGH STATIC 0457, 1649

SYSTEM #1 FAN WIRING					
Plug Detail	Plug P/N	Plug "P" No.	Plug Pin No.	Wire No.	Harness Assembly Part Number
 (Item 7)	Plug = 025-21196-000	P40	1	159B	575-94003-019
			2	160B	
			3	161B	
			4	162B	
			5	163B	
			6	164B	
			7	162C	
			8	163C	
			9	164C	
			10	165B	
			11	166B	
			12	167B	
 (Item 8)	Plug = 025-21192-000	P41	1	165C	
			2	166C	
			3	167C	
			4	159C	
			5	160C	
			6	161C	
			7	GRD	
			8		
			9		
SYSTEM #2 FAN WIRING					
 (Item 9)	Plug = 025-21196-001	P42	1	259B	575-94003-020
			2	260B	
			3	261B	
			4	262B	
			5	263B	
			6	264B	
			7	262C	
			8	263C	
			9	264C	
			10	265B	
			11	266B	
			12	267B	
 (Item 10)	Plug = 025-21192-001	P43	1	265C	
			2	266C	
			3	267C	
			4	259C	
			5	260C	
			6	261C	
			7	GRD	
			8		
			9		

TABLE 41 - FAN WIRING HIGH STATIC 0457, 1649 (CONT'D)

SYSTEM #3 FAN WIRING					
Plug Detail	Plug P/N	Plug "P" No.	Plug Pin No.	Wire No.	Harness Assembly Part Number
 (Item 11)	Plug = 025-21196-002	P60	1	329A	575-94003-021
			2	360A	
			3	361A	
			4	362A	
			5	363A	
			6	364A	
			7		
			8		
			9		
			10	365A	
			11	366A	
			12	367A	
 (Item 12)	Plug = 025-21192-002	P61	1		
			2		
			3		
			4		
			5		
			6		
			7	GRD	
			8		
			9		
SYSTEM #4 FAN WIRING					
 (Item 26)	Plug = 025-21196-003	P60	1	459A	575-94003-021
			2	460A	
			3	461A	
			4	462A	
			5	463A	
			6	464A	
			7		
			8		
			9		
			10	465A	
			11	466A	
			12	467A	
 (Item 27)	Plug = 025-21192-003	P61	1		
			2		
			3		
			4		
			5		
			6		
			7	GRD	
			8		
			9		

TABLE 42 - FAN WIRING - TWO SPEED FANS

ITEM	PIN 9 =	MODEL	DESCRIPTION	PART NUMBER	SAP	FIGURE
1	S, P, C	1070	Fan Harness Set (5-4-2+2)	375-70751-105	790462	*
		1180	Fan Harness Set (5-5-4) 2 Speed	375-70751-103	790460	
		1340	Fan Harness Set (5-5-6) 2 Speed	375-70751-102	790459	
		1500	Fan Harness Set 2 Speed Fans	375-70751-101	790458	
	E, V, D	1050	Fan Harness Set (5-5-4) 2 Speed	375-70751-103	790460	
		1120	Fan Harness Set (5-5-3+2)	375-70751-104	790461	
		1220	Fan Harness Set (5-5-6) 2 Speed	375-70751-102	790459	
		1380	Fan Harness Set 2 Speed Fans	375-70751-101	790458	
2	All	1050 - 1500	Wiring Harness (Fans-Conduit)	575-65662-080	807890	30
3	All	1050 - 1500	Wiring Harness (Fans-Conduit)	575-65662-081	807891	30
4	S, P, C	1070, 1180	Harness Conduit	575-65662-092	807898	31
		1340		575-65662-088	807894	
		1500		575-65662-090	807896	
	E, V, D	1050		575-65662-092	807898	
		1120, 1380		575-65662-090	807896	
		1220		575-65662-088	807894	
5	S, P, C	1070, 1180	Harness Conduit	575-65662-093	807899	31
		1340		575-65662-089	807895	
		1500		575-65662-091	807897	
	E, V, D	1050		575-65662-093	807899	
		1120, 1220		575-65662-089	807895	
		1380		575-65662-091	807897	
7	All	1050 - 1500	HSG Connr Electrical Plug	025-21196-000	737653	TABLE 43
8	All	1050 - 1500	HSG Connr Electrical Plug	025-21192-000	737649	
9	All	1050 - 1500	HSG Connr Electrical Plug	025-21196-001	563475	
10	All	1050 - 1500	HSG Connr Electrical Plug	025-21192-001	563476	
11	All	1050 - 1500	HSG Connr Electrical Plug	025-21196-002	737654	
12	All	1050 - 1500	HSG Connr Electrical Plug	025-21192-002	737650	
13	All	1050 - 1500	Plate Assy Fans/Glycol Harness	375-66982-003	787012	30
14	All	1050 - 1500	Gasket Fan Hrns	028-15271-001	706221	30
16	All	1050 - 1500	Wiring Harness (Fans-Conduit)	575-65662-082	807892	30
17	All	1050 - 1500	Wiring Harness (Fans-Conduit)	575-65662-083	807893	30
18	All	1050 - 1500	Wiring Harness (2 Speed Sys 1)	575-65662-250	807924	30
19	All	1050 - 1500	Wiring Harness (2 Speed Sys 2)	575-65662-251	807925	30
20	S, P, C	1070, 1180, 1340	Contactor Control Box 2 Speed	371-05152-102	772861	30
		1500	Contactor Control Box 2 Speed	371-05152-101	772860	
	E, V, D	1050, 1120, 1220	Contactor Control Box 2 Speed	371-05152-102	772861	
		1380	Contactor Control Box 2 Speed	371-05152-101	772860	
24	All	1050 - 1500	Support Fan Panel	075-70815-000	756423	30
25	All	1050 - 1500	Support Fan Panel	075-70855-000	756455	31
26	All	1050 - 1500	Support Fan Panel	075-70854-000	756454	31

TABLE 42 - FAN WIRING - TWO SPEED FANS (CONT'D)

ITEM	PIN 9 =	MODEL	DESCRIPTION	PART NUMBER	SAP	FIGURE
27	S, P, C	1070, 1180	Wiring Harness (2 Speed Fan)	575-65662-252	807926	31
		1340		575-65662-253	807927	
		1500		575-65662-254	807928	
	E, V, D	1050	Wiring Harness (2 Speed Fan)	575-65662-252	807926	
		1120, 1220		575-65662-253	807927	
		1380		575-65662-254	807928	
28	S, P, C	1070, 1180	Contactor Control Box 2 Speed	371-05152-103	772862	31
		1340		371-05152-101	772860	
	E, V, D	1050		371-05152-101	772860	
** 101	All	1050 - 1500	Fan Harness 2 Speed	575-65662-501	807986	*
** 102	All	1050 - 1500	Fan Harness 2 Speed	575-65662-502	807987	30
** 103	All	1050 - 1500	Fan Harness 2 Speed	575-65662-503	807988	*
** 104	All	1050 - 1500	Fan Harness 2 Speed	575-65662-504	807989	*
** 105	All	1050 - 1500	Fan Harness 2 Speed	575-65662-505	807990	*
** 106	All	1050 - 1500	Fan Harness 2 Speed	575-65662-506	807991	*
** 107	All	1050 - 1500	Fan Harness 2 Speed	575-65662-507	807992	*
** 108	All	1050 - 1500	Fan Harness 2 Speed	575-65662-508	807993	*
** 109	All	1050 - 1500	Fan Harness 2 Speed	575-65662-509	807994	*
** 110	S, P, C	1180, 1340, 1500	Fan Harness 2 Speed	575-65662-510	807995	*
	E, V, D	1050, 1120, 1220, 1380				
** 111	S, P, C	1500	Fan Harness 2 Speed	575-65662-511	807996	*
	E, V, D	1380				
** 112	S, P, C	1500	Fan Harness 2 Speed	575-65662-512	807997	*
	E, V, D	1380				
** 113	S, P, C	1070, 1180	Fan Harness 2 Speed	575-65662-544	808010	*
		1340		575-65662-533	808004	
		1500		575-65662-517	807998	
	E, V, D	1050		575-65662-544	808010	
		1120, 1220		575-65662-533	808004	
		1380		575-65662-517	807998	
** 115	S, P, C	1070, 1180	Fan Harness 2 Speed	575-65662-545	808011	*
		1340		575-65662-534	808005	
		1500		575-65662-518	807999	
	E, V, D	1050		575-65662-545	808011	
		1120, 1220		575-65662-534	808005	
		1380		575-65662-518	807999	
** 117	S, P, C	1070, 1180	Fan Harness 2 Speed	575-65662-546	808012	*
		1340		575-65662-535	808006	
		1500		575-65662-519	808000	
	E, V, D	1050		575-65662-546	808012	
		1120, 1220		575-65662-535	808006	
		1380		575-65662-519	808000	

TABLE 42 - FAN WIRING - TWO SPEED FANS (CONT'D)

ITEM	PIN 9 =	MODEL	DESCRIPTION	PART NUMBER	SAP	FIGURE
** 119	S, P, C	1070, 1180	Fan Harness 2 Speed	575-65662-547	808013	*
		1340		575-65662-536	808007	
		1500		575-65662-520	808001	
	E, V, D	1050		575-65662-547	808013	
		1120, 1220		575-65662-536	808007	
		1380		575-65662-520	808001	
** 121	S, P, C	1340	Fan Harness 2 Speed	575-65662-537	808008	*
		1500		575-65662-521	808002	
	E, V, D	1220		575-65662-537	808008	
		1380		575-65662-521	808002	
		1120		575-65662-536	808007	
** 123	S, P, C	1340	Fan Harness 2 Speed	575-65662-538	808009	*
		1500		575-65662-522	808003	
	E, V, D	1220		575-65662-538	808009	
		1380		575-65662-522	808003	
		1120		575-65662-537	808008	

NOTE: ** Part of Fan Harness Set (Item 1).

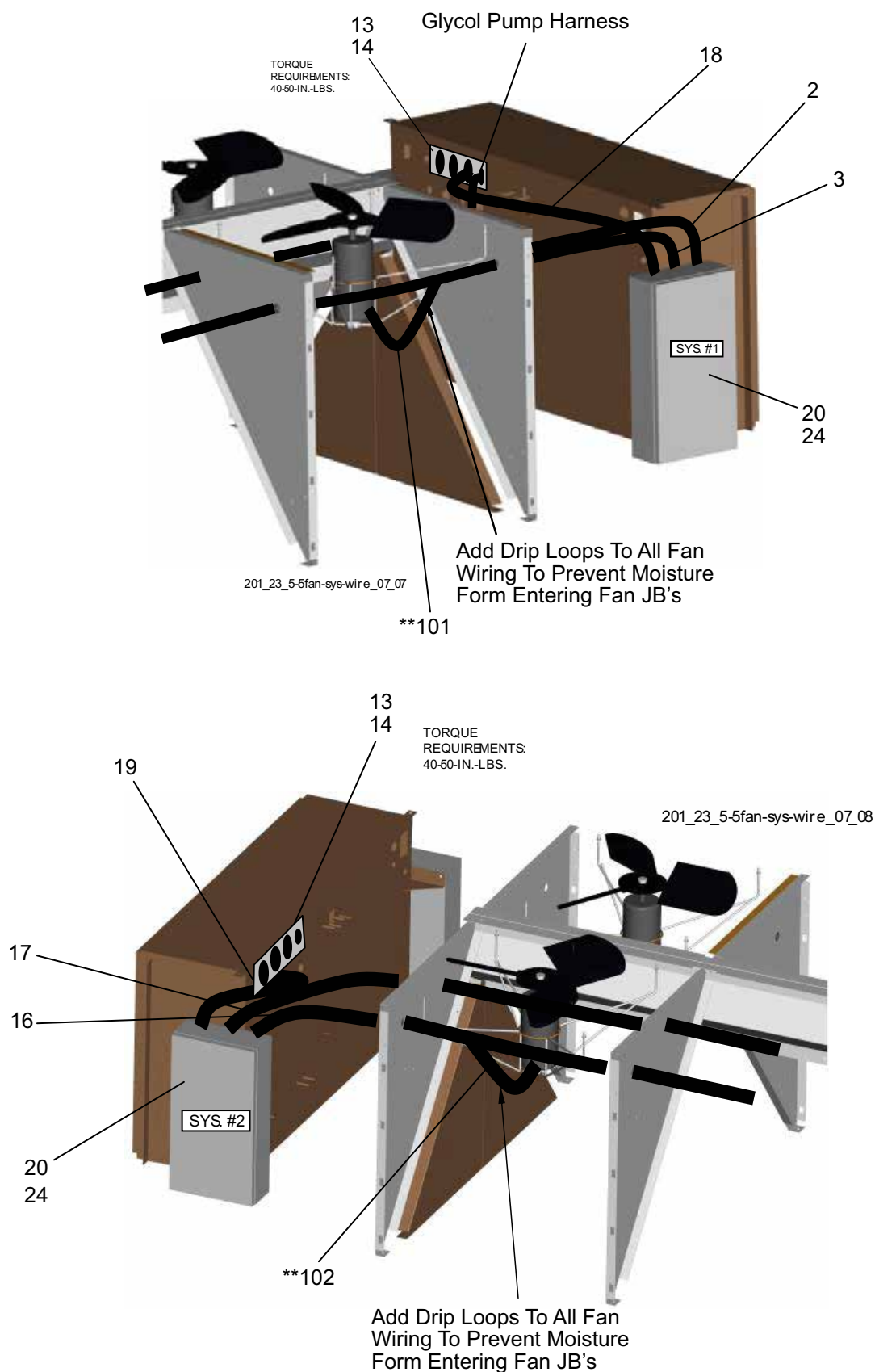
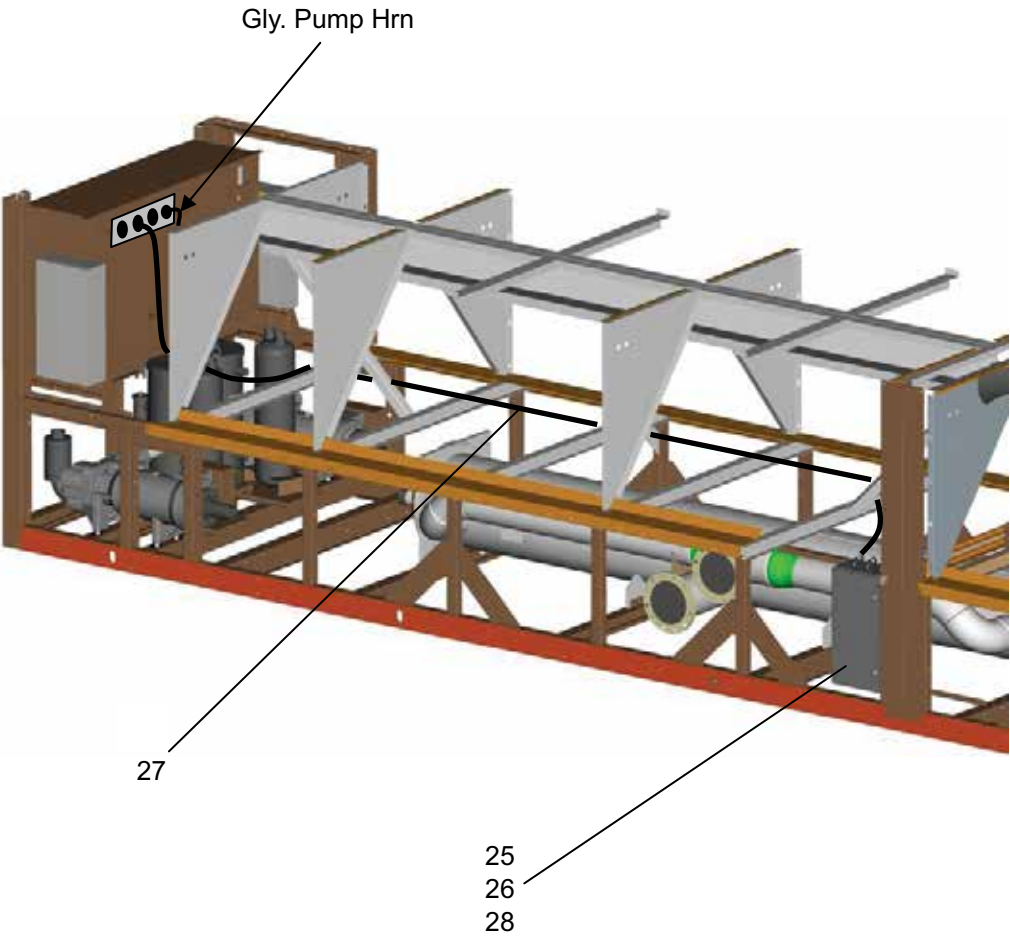
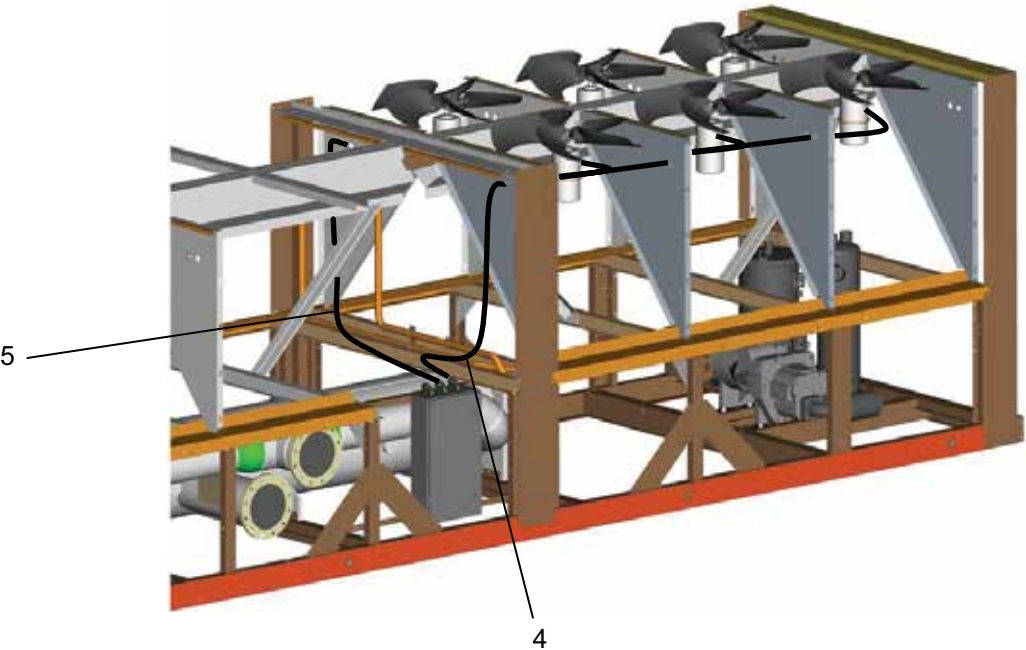


FIGURE 30 - FAN WIRING - TWO SPEED FANS



LD21837

FIGURE 31 - FAN WIRING - TWO SPEED FANS

TABLE 43 - FAN WIRING TWO SPEED FANS

SYSTEM #1 FAN WIRING					
Plug Detail	Plug P/N	Plug "P" No.	Plug Pin No.	Wire No.	Harness Assembly Part Number
 (Item 7)	Plug = 025-21196-000	P40	1	159A	575-65662-250
			2	160A	
			3	161A	
			4	162A	
			5	163A	
			6	164A	
			7		
			8		
			9		
			10	165A	
			11	166A	
			12	167A	
 (Item 8)	Plug = 025-21192-000	P41	1		
			2		
			3		
			4		
			5		
			6		
			7	GRD	575-65662-250
			8		
			9		
SYSTEM #2 FAN WIRING					
 (Item 9)	Plug = 025-21196-001	P42	1	259A	575-65662-251
			2	260A	
			3	261A	
			4	262A	
			5	263A	
			6	264A	
			7		
			8		
			9		
			10	265A	
			11	266A	
			12	267A	
 (Item 10)	Plug = 025-21192-001	P43	1		
			2		
			3		
			4		
			5		
			6		
			7	GRD	575-65662-251
			8		
			9		

TABLE 43 - FAN WIRING TWO SPEED FANS (CONT'D)

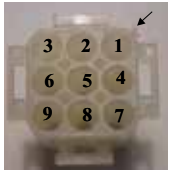
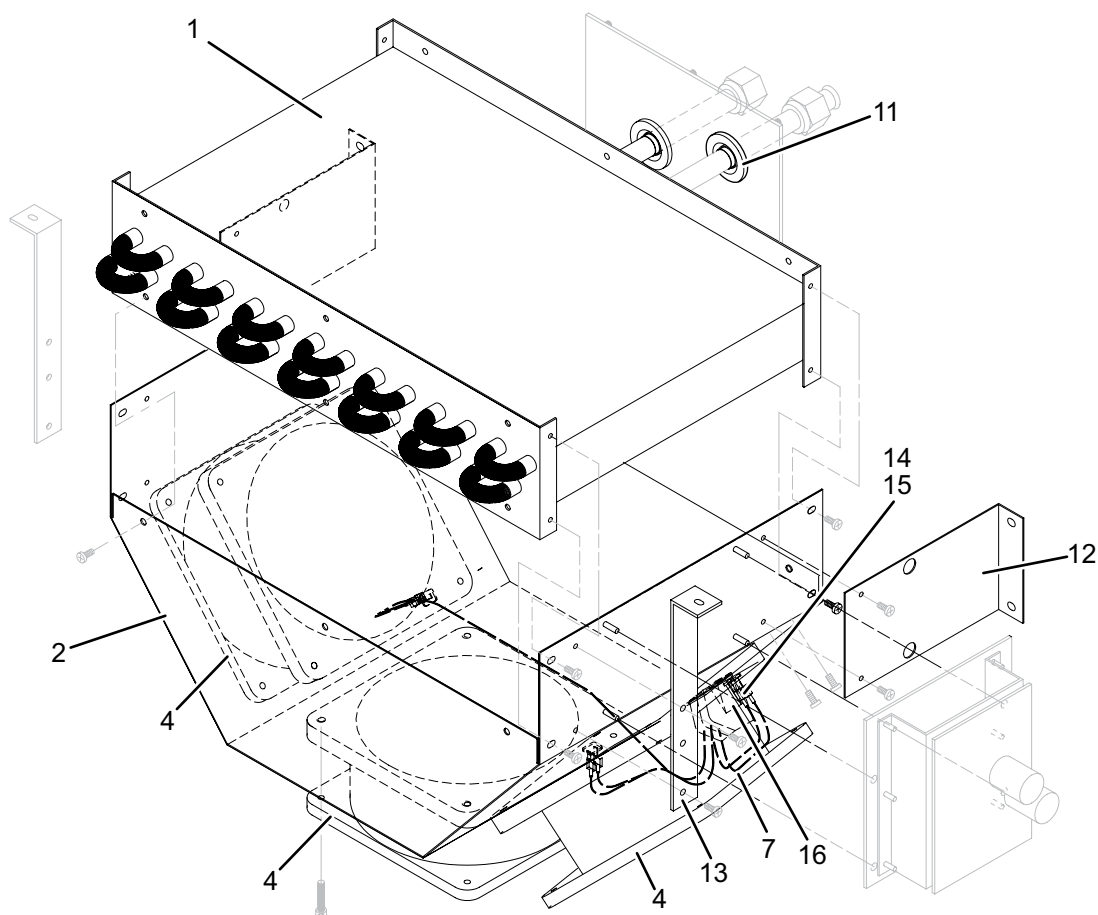
SYSTEM #3 FAN WIRING					
Plug Detail	Plug P/N	Plug "P" No.	Plug Pin No.	Wire No.	Harness Assembly Part Number
 (Item 11)	Plug = 025-21196-002	P60	1	359C	575-65662-254
			2	360C	
			3	361C	
			4	362C	
			5	363C	
			6	364C	
			7		
			8		
			9		
			10	365C	
			11	366C	
			12	367C	
 (Item 12)	Plug = 025-21192-002	P61	1		575-65662-254
			2		
			3		
			4		
			5		
			6		
			7	GRD	
			8		
			9		

TABLE 44 - VARIABLE SPEED DRIVE FAN ASSEMBLY

ITEM	DESCRIPTION	PART NUMBER	SAP	FIGURE
1	Coil, Water Cooling	026-41590-000	741041	32
2	Housing Assy, Fans	371-04179-906	5261672	32
4	Fan, Cooling 115V	025-32557-000	738735	32
7	Harness, Fans	571-04179-242	807028	32
11	Grommet	028-04873-000	741429	32
12	Support, Coil	071-08066-510	5261670	32
13	Bracket, Coil	071-08066-509	5261669	32
15	Terminal Block	025-20944-000	62696	32
16	Terminal Block, End	025-20946-000	618097	32



LD21584

FIGURE 32 - VARIABLE SPEED DRIVE FAN ASSEMBLY

TABLE 45 - SYSTEM WIRING - SINGLE POINT

ITEM	PIN 9 =	MODEL	DESCRIPTION	PART NUMBER	SAP	QUANTITY
1	S, P, C	0287-1500	Sensor Temp Tt Min = -40°C Max = 110°C	025-47671-000	5167564	2
	E, V, D	0267-1380				
4A	S, P, C	0287-1500	Strap, Copper; Sporlan P/N	025-38156-000	739563	3
	E, V, D	0267-1380				
5	S, P, C	0287-1500	Sensor Temp Tt Min = -40°C Max = 110°C	025-47673-000	5167566	3
	E, V, D	0267-1380				
6	S, P, C	0287-1500	Sensor Temp Tt Min = -40°C Max = 110°C	025-47688-000	5167777	1
	E, V, D	0267-1380				
7	S, P, C	0287-1500	Insr Elec	025-10371-000	737257	8
	E, V, D	0267-1380				
8	S, P, C	0287-1500	Ferr Splice Cap	025-10372-000	737258	8
	E, V, D	0267-1380				
10	S, P, C	0287-1500	Sensor Temp Tt Min = -40°C Max = 110°C	025-47672-000	5167565	3
	E, V, D	0267-1380				
11	S, P, C	0287, 1070, 0307, 1180	Sensor/Cooler Heater Harness	375-70746-002	790450	1
	E, V, D	0267, 1050				
11	S, P, C	0357/1340	Sensor/Cooler Heater Harness	375-70746-004	790451	1
	E, V, D	0287, 1120, 0327, 1220				
11	S, P, C	0397/1500	Sensor/Cooler Heater Harness	375-70746-006	790452	1
	E, V, D	0357/1380				
14	S, P, C	0287-1500	Pressure Meas To 18.961 Bar 0.5- 4.5V Ac	025-29139-009	5121974	1
	E, V, D	0267-1380				
16	S, P, C	0287-1500	Valve Transducer 1/4 NPTF 3/8 Ods 1/4 FI	022-12370-000	837987	3
	E, V, D	0267-1380				
17	S, P, C	0287-1500	Gasket Sensor Hrns	028-15272-001	742110	3
	E, V, D	0267-1380				
20	S, P, C	0287-1500	Sensor Harness 3 Compr	575-65662-226	807923	1
	E, V, D	0267-1380				

TABLE 46 - SYSTEM WIRING - MULTI POINT

ITEM	DESCRIPTION	PART NUMBER	SAP	QUANTITY
1	Sensor Temp Tt Min=-40°C Max=110°C	025-47671-000	5167564	2
4	Strap, Copper; Sporlan P/N	025-38156-000	739563	4
5	Sensor Temp Tt Min=-40°C Max=110°C	025-47673-000	5167566	4
6	Sensor Temp Tt Min=-40°C Max=110°C	025-47688-000	5167777	1
7	Insr Elec	025-10371-000	737257	11
8	Ferr Splice Cap	025-10372-000	737258	11
10	Sensor Temp Tt Min=-40°C Max=110°C	025-47672-000	5167565	4
11	4 Compr Harn Sen/Clr Htr	375-94000-101	799027	1
14	Gasket Sensor Hrns 4	028-15272-002	742111	1
16	Transducer Pressure Sm Tonnage	025-29139-004	520036	4
17	Valve Transducer 1/4 Nptf 3/8 Ods 1/4 FI	022-12370-000	837987	4
20	Wiring Harness	575-94003-202	808665	1

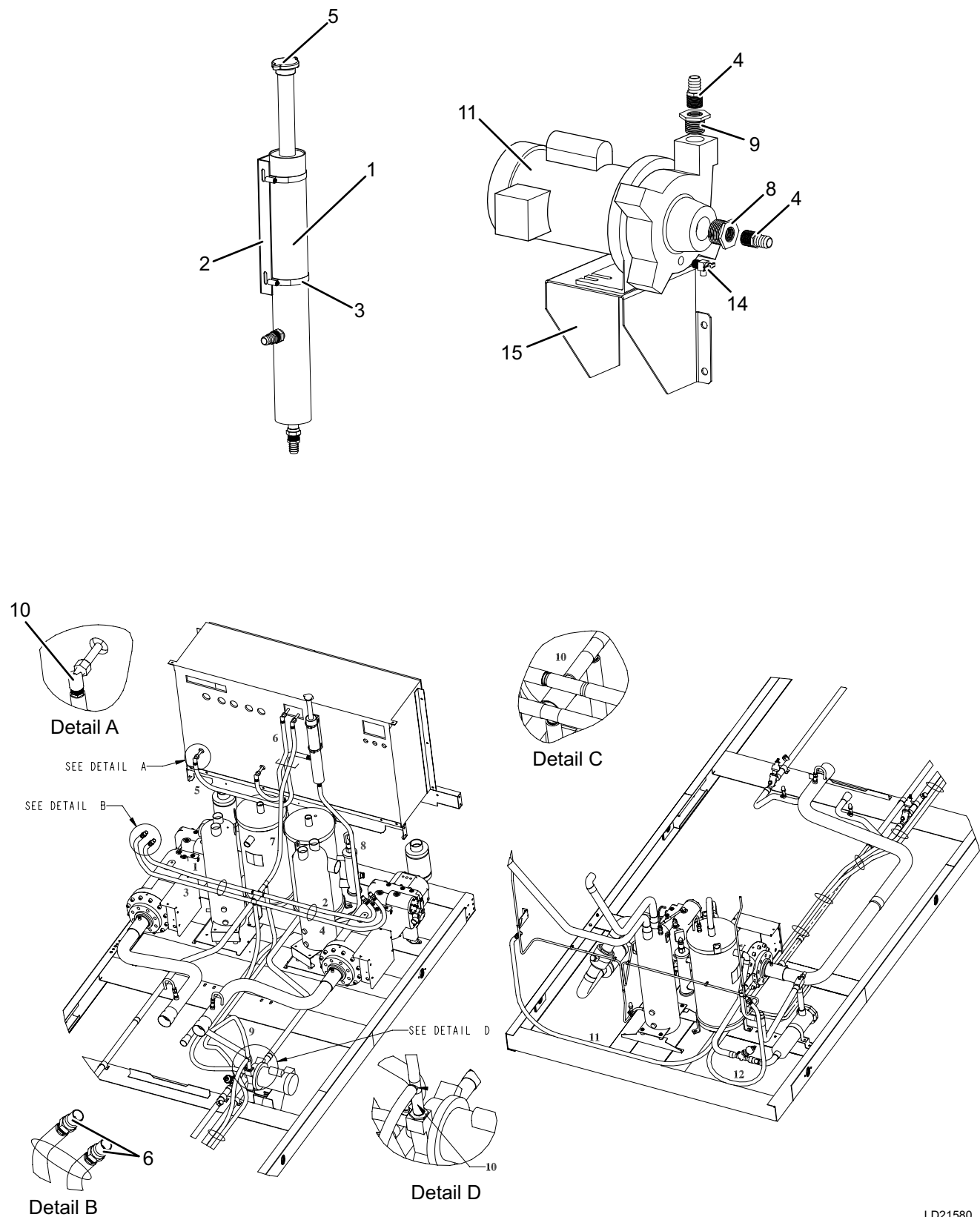
TABLE 47 - REFRIGERANT, OIL, GLYCOL SYSTEM

ITEM	DESCRIPTION	PART NUMBER	SAP	QUANTITY	FIGURE
1	Stand Tube, Glycol Loop	375-55650-000	556350	1	33
2	Bracket Stand Tube	075-55659-000	753128	1	33
3	Clamp Hose 2-5/8 Min Dia	021-19150-000	564227	2	33
4	Fitting, Hose Barb	023-21929-000	553490	12	33
5	Cap, Radiator	023-21927-000	251502	1	33
6	Adpt Std C X F 7/8 X 3/4	023-00092-000	562520	6	33
8	Bushing, Hex 1-1/4 X 3/4 Steel	023-21935-000	553492	1	33
9	Bushing, Hex 1 X 3/4 Steel	023-21934-000	553493	1	33
10	Elbow Female 5/8 Tube X 3/4	023-21932-000	553532	4	33
11	Pump, Single Stage Centrifugal 60Hz	026-41611-000	741049	1	33
	Pump, Single Stage Centrifugal 50Hz	026-41611-001	359986	1	33
13	Hose, Rubber Black 3/4 Id X	028-11958-000	741668	See Table 44	
14	Valve, Needle 1/4 Mpt X Flare	023-23851-000	562551	1	33
15	Bracket Support Pump	075-65646-000	755450	1	33
-	Coolant, Propylene Glycol, 1 gal. non EU compliant	013-03345-000	729101	*	*
	Coolant, Propylene Glycol, 5 gal. non EU compliant	013-03344-000	171119	*	*
	Coolant, Propylene Glycol, 5 gal. EU compliant	013-03849-001	5163579	*	*

TABLE 48 - GLYCOL SYSTEM HOSE LENGTHS

ITEM 13 - HOSE LENGTHS - MODELS 0267, 0287, 0307, 0457, 1050, 1070, 1180, 1649			
BOM 375-71890-501, -504 & -601			
SECTION	LENGTH	SECTION	LENGTH
1	41 (1041 mm)	7	56 (1424mm)
2	41 (1041 mm)	8	155 (3938mm)
3	50 (1270 mm)	9	96 (2435mm)
4	50 (1270 mm)	10	3 (75mm)
5	61 (1535 mm)	11	361 (9177mm)
6	43 (1092 mm)	12	418 (10609mm)
ITEM 13 - HOSE LENGTHS - MODELS 0287, 0327, 0357, 1120, 1220, 1340			
BOM 375-71890-502, -505 & -602			
SECTION	LENGTH	SECTION	LENGTH
1	41 (1041 mm)	7	56 (1424mm)
2	41 (1041 mm)	8	155 (3938mm)
3	50 (1270 mm)	9	96 (2435mm)
4	50 (1270 mm)	10	3 (75mm)
5	61 (1535 mm)	11	405 (10295mm)
6	43 (1092 mm)	12	462 (11727mm)
ITEM 13 - HOSE LENGTHS - MODELS 0357, 0397, 1380, 1500			
BOM 375-71890-503, -506 & -603			
SECTION	LENGTH	SECTION	LENGTH
1	41 (1041 mm)	7	56 (1424mm)
2	41 (1041 mm)	8	155 (3938mm)
3	50 (1270 mm)	9	96 (2435mm)
4	50 (1270 mm)	10	3 (75mm)
5	61 (1535 mm)	11	449 (11413mm)
6	43 (1092mm)	12	506 (12845mm)

NOTE: Items with an * are NOT represented.



LD21580

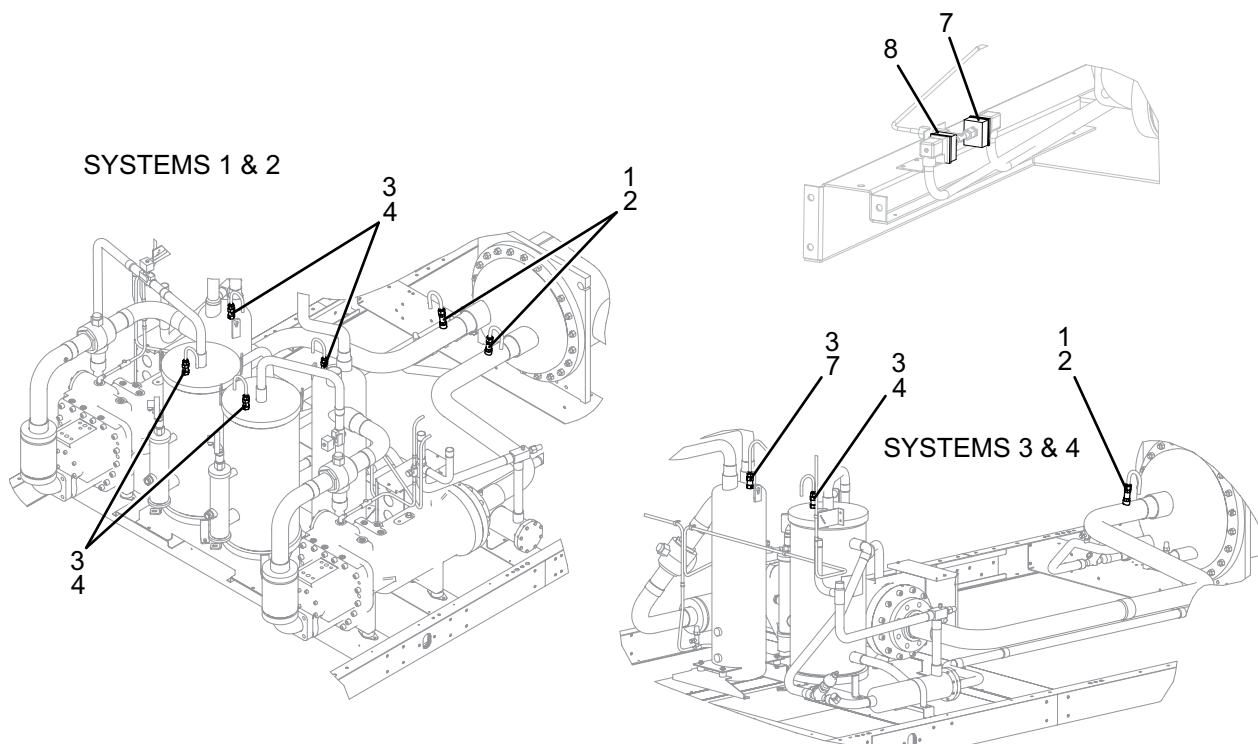
FIGURE 33 - REFRIGERANT, OIL, GLYCOL SYSTEM - NORTH AMERICAN SAFETY CODE

TABLE 49 - PRESSURE RELIEF KIT, ASME PRESSURE VESSEL CODES, NORTHAMERICAN SAFETY CODE

ITEM	DESCRIPTION	PART NUMBER	SAP	FIGURE
1	Valve Relief 235.0 PSI 1/2 In X 5/8 In Thd	022-11312-000	556326	34
2	Tube, Relief Valve DXST	375-30919-000	776577	34
3	Valve Relief, 3/8 NPTE X 1/2	022-11398-000	359981	34
	Valve Relief 375.0 PSI 3/8 In X 1/2 In Thd MODELS 0457, 1649	022-12045-000	731485	
4	Tube Relief Valve DXST	375-37978-000	410839	34
5	Pressure Switch Assembly	375-70840-000	790512	34
6	Pressure Switch UL Listing	375-66947-000	787000	34
7	Relief Pipe Assy	375-74798-000	792243	34

TABLE 50 - PRESSURE RELIEF KIT, PED PRESSURE VESSEL CODES, CE (CHINA) LISTING

ITEM	DESCRIPTION	PART NUMBER	SAP	FIGURE
1	Valve Relief 235.0 PSI 1/2 In X 5/8 In Thd	022-11312-000	556326	34
2	Tube, Relief Valve DXST	375-30919-000	776577	34
3	Valve Relief, 3/8 NPTE X 1/2	022-11398-000	359981	34
4	Tube Relief Valve DXST	375-37978-000	410839	34
5	Pressure Switch Assembly Ce	375-70840-990	790513	34
6	Pressure Switch Ce PED	375-66947-990	787002	34
7	Relief Pipe Assy	375-74798-000	792243	34



LD21746

FIGURE 34 - PRESSURE RELIEF KIT

TABLE 51 - DUAL PRESSURE RELIEF

ITEM	DESCRIPTION	PART NUMBER	SAP	FIGURE
1	Line Relief Oil Separator To V	075-74722-000	757283	35
2	Line Relief Flash Tank To V	075-74723-000	757284	35
3	Line Relief Oil Separator To V	075-74724-000	757285	35
4	Line Relief Flash Tank To V	075-74725-000	757286	35
5	Line Relief Oil Separator To V	075-74726-000	757287	35
6	Line Relief Flash Tank To V	075-74727-000	757288	35
11	Bracket Support 3-Way Valve	075-74718-000	757279	35
12	Bracket Support Dual Relief V	075-74719-000	757280	35
13	Bracket Support Dual Relief V	075-74720-000	757281	35
21	Connector Male 3/8" Npt X 1/2"	023-23698-000	420790	35
22	Connector Bulkhead Male 3/8"	023-23699-000	420789	35
23	Valve 3/8" 3-Way Dual Shut Off	022-11716-000	401271	35
24	Valve Relief, 3/8 Npte X 1/2	022-11398-000	359981	35
25	Tube Relief Valve Dxst	375-37978-000	410839	35
26	Nipple Hex Brass 1/2" Npt X	023-19217-000	401272	35
27	Valve 1/2" 3-Way Dual Shut Off	022-11717-000	731430	35
28	Valve Relief 235.0 PSI 1/2In X 5/8In Thd	022-11312-000	556326	35
29	Tube, Relief Valve Dxst	375-30919-000	776577	35

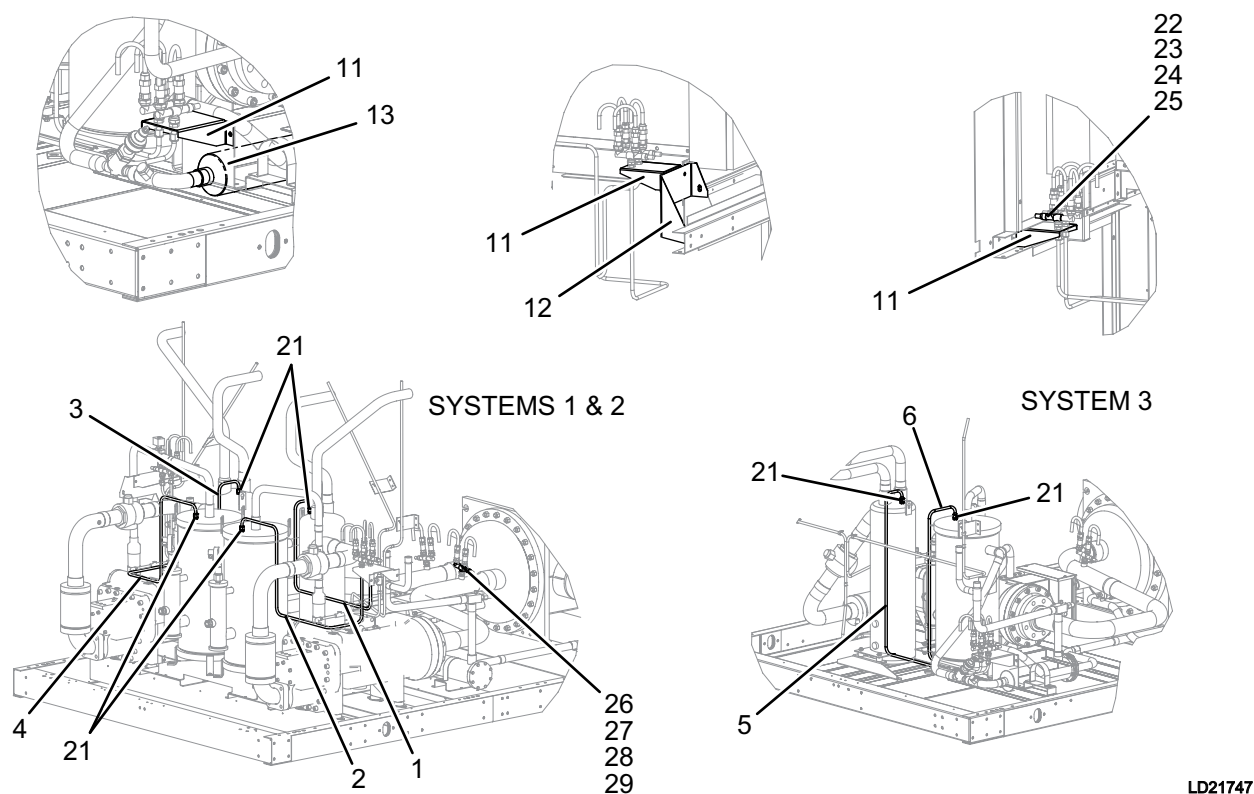
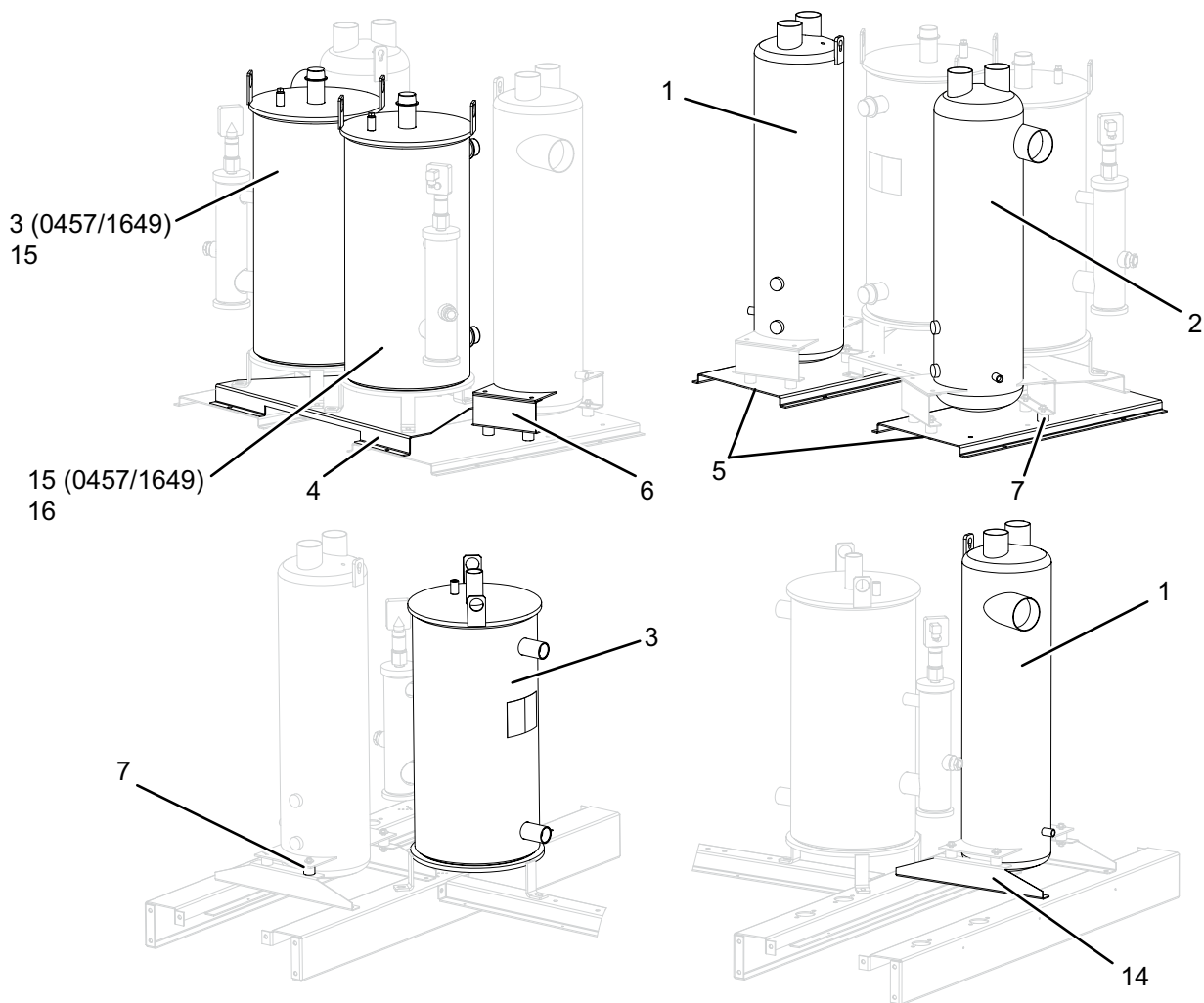


FIGURE 35 - DUAL PRESSURE RELIEF

TABLE 52 - FLASH TANK/OIL SEPARATOR ASSEMBLY

ITEM	DESCRIPTION	PART NUMBER	SAP	FIGURE
1	Oil Separator	026-42901-110	874813	36
2	Oil Separator	026-42901-210	874814	36
3	Flash Tank PED	375-82924-990	795303	36
	Flash Tank ASME	375-82924-000	795302	
	Flash Tank ASME (Models 0457/1649)	375-82921-000	795297	
4	Channel Support Flash Tank	075-65649-000	755453	36
5	Plate Support	075-65647-000	755451	36
6	Bracket Support Oil Sepr	075-65648-000	755452	36
7	Isolator 1-1/4 Dia X 1 Lg	028-02596-000	741378	36
14	Bracket Support Oil Separator	075-70246-000	756182	36
15	Flash Tank CE/PED	375-82921-990	795298	36
	Flash Tank ASME	375-82921-000	795297	
	Flash Tank ASME (Models 0457/1649)	375-82922-000	795299	
16	Flash Tank PED	375-82922-990	795300	36
	Flash Tank ASME	375-82922-000	795299	



LD21777

FIGURE 36 - FLASH TANK/OIL SEPARATOR ASSEMBLY

TABLE 53 - KIT, E-LINK

ITEM	DESCRIPTION	PART NUMBER	SAP
	Kit, E-Link	392-03712-002	805631
100	E-Link W/Serial Ports (Lon)	025-44384-000	740489
101	E-Link Optiview/Latitude Panel	025-43894-000	703144
	Kit, Sc Assembly, Screw	392-41228-000	5172481
1	Sc-Eq Board	031-03610-000	5161465
4	Cable, Comms, Sc-Equip Opt	592-43121-001	5246608
5	Cable, Power, Sc-Equip Opt	592-43121-002	5246609
6	Resistor 100 Ohm 5 % 1 W	031-03606-000	5161464
7	Cable Tie	025-18167-000	588760
8	Ground Wire, For Sc-Eq	025-47585-000	5161217

TABLE 54 - FULL UNIT WIRE ENCLOSURE KIT - TOP

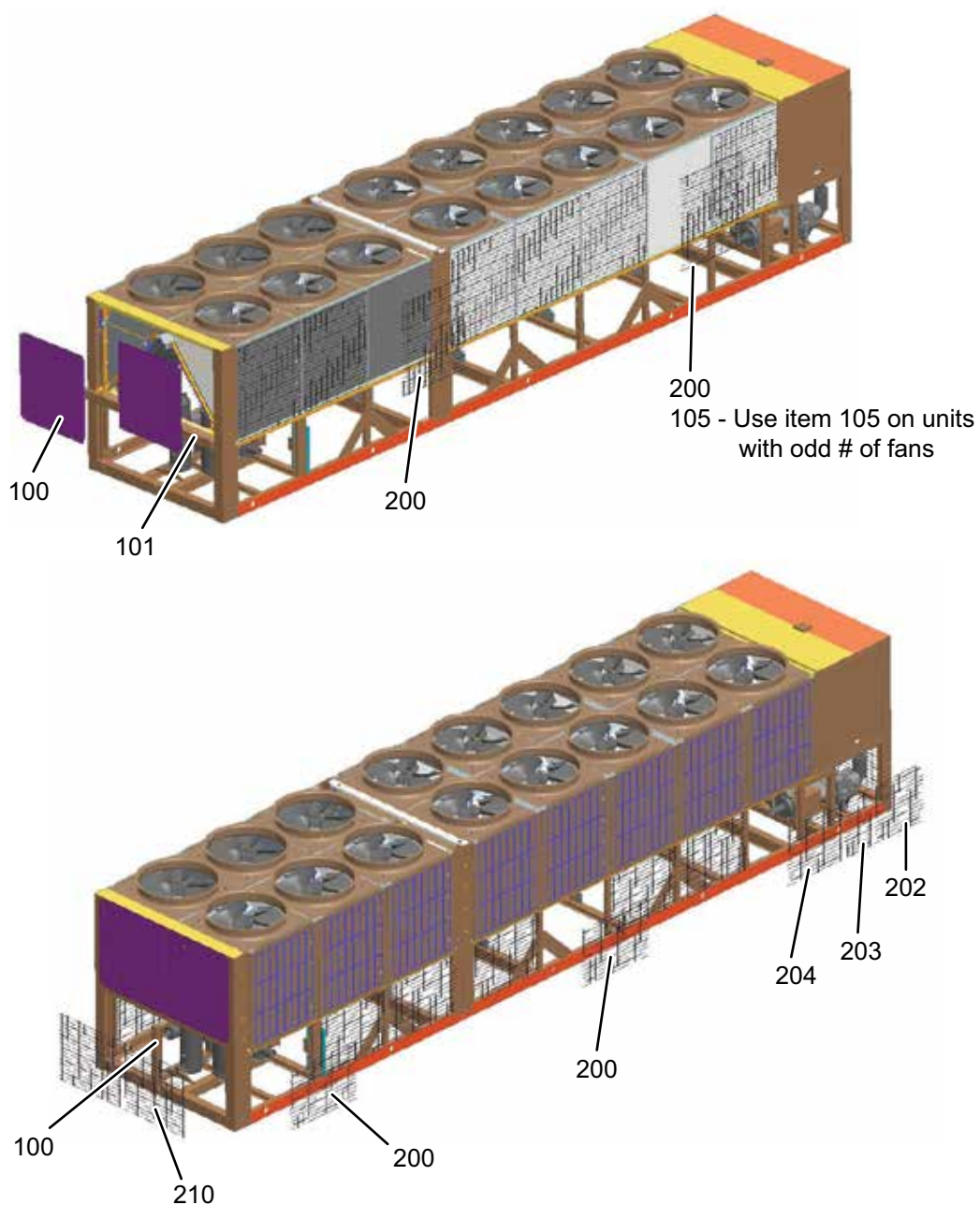
ITEM	PIN 9 =	MODEL	DESCRIPTION	PART NUMBER	SAP	FIGURE
	All	0267/1050, 0307/1180	Wire Grille Kit Top	375-72018-140	791707	*
	S, P, C	0287/1070		375-72018-130	791704	
	E, V, D	0287/1120		375-72018-150	791712	
	All	0327/1220, 0357/1340		375-72018-160	791714	
	All	0357/1380, 0397/1500		375-72018-180	791718	
100	All	0267-0397, 1050-1500	Panel Enclosure End	075-70838-000	756444	37
101	All	0267-0397, 1050-1500	Channel Support Control Pnl	075-65637-000	755442	37
105	All	0287, 0327-0397, 1070, 1120, 1220-1500	Aesthetic Panel Side	075-66961-000	755649	37
200	All	0267-0397, 1050-1500	Wire Grille Top Side	026-41776-000	741066	37

NOTE: Items with an * are NOT represented.

TABLE 55 - FULL UNIT WIRE ENCLOSURE KIT - BOTTOM

ITEM	PIN 9 =	MODEL	DESCRIPTION	PART NUMBER	SAP	FIGURE
	All	0267/1050, 0307/1180	Wire Grille Kit Btm	375-72018-141	791708	*
	S, P, C	0287/1070		375-72018-161	791715	
	E, V, D	0287/1120, 0327/1220				
	S, P, C	0357/1340				
	All	0357/1380, 0397/1500		375-72018-181	791719	
100	All	0267-0397, 1050-1500	Support Front Control Pnl	075-65639-000	755444	37
200	All	0267-0397, 1050-1500	Wire Grille Bottom Side	026-44013-000	741137	37
201	All	0267-0397, 1050-1500	Wire Grille Bottom Front	026-44018-000	741142	37
202	All	0267-0397, 1050-1500	Wire Grille Bottom Side	026-44017-000	741141	37
203	All	0267-0397, 1050-1500	Wire Grille Bottom Side	026-44016-000	741140	37
204	All	0267-0397, 1050-1500	Wire Grille Bottom Side	026-44015-000	741139	37

NOTE: Items with an * are NOT represented.



LD21791

FIGURE 37 - FULL UNIT WIRE ENCLOSURE KIT - TOP AND BOTTOM

TABLE 56 - FULL UNIT WIRE ENCLOSURE KIT - TOP (MODELS 0457/1649)

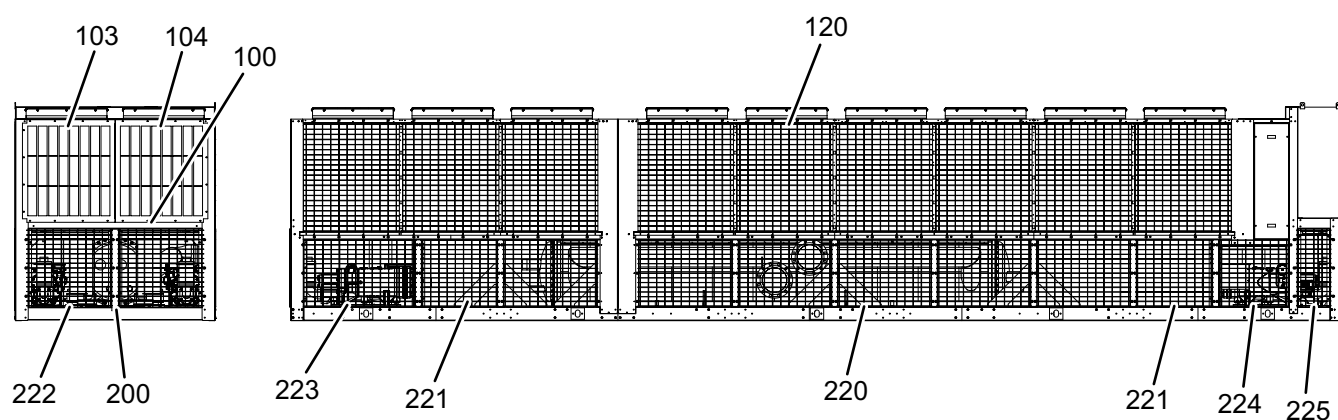
ITEM	DESCRIPTION	PART NUMBER	SAP	FIGURE
	Wire Grille Kit, Top	375-94145-100	799101	*
100	Channel Support Control Pnl	075-65637-000	755442	38
103	Panel Louver Top Back	075-94453-000	762122	38
104	Panel Louver Top Back	075-94453-001	762123	38
120	Wire Grille Top Side	026-41776-000	741066	38

NOTE: Items with an * are NOT represented.

TABLE 57 - FULL UNIT WIRE ENCLOSURE KIT - BOTTOM (MODELS 0457/1649)

ITEM	DESCRIPTION	PART NUMBER	SAP	FIGURE
	Wire Grille Kit, Bottom	375-94145-200	799104	*
200	Support Front Control Pnl	075-65639-000	755444	38
220	Wire Grille Bottom Side	026-44013-000	741137	38
221	Wire Grille Bottom Side	026-44015-000	741139	38
222	Wire Grille Bottom Front	026-44018-000	741142	38
223	Wire Grille Bottom Side	026-44019-000	741143	38
224	Wire Grille Bottom Side	026-44020-000	741144	38
225	Wire Grille Bottom Side	026-44021-000	741145	38

NOTE: Items with an * are NOT represented.



LD21778

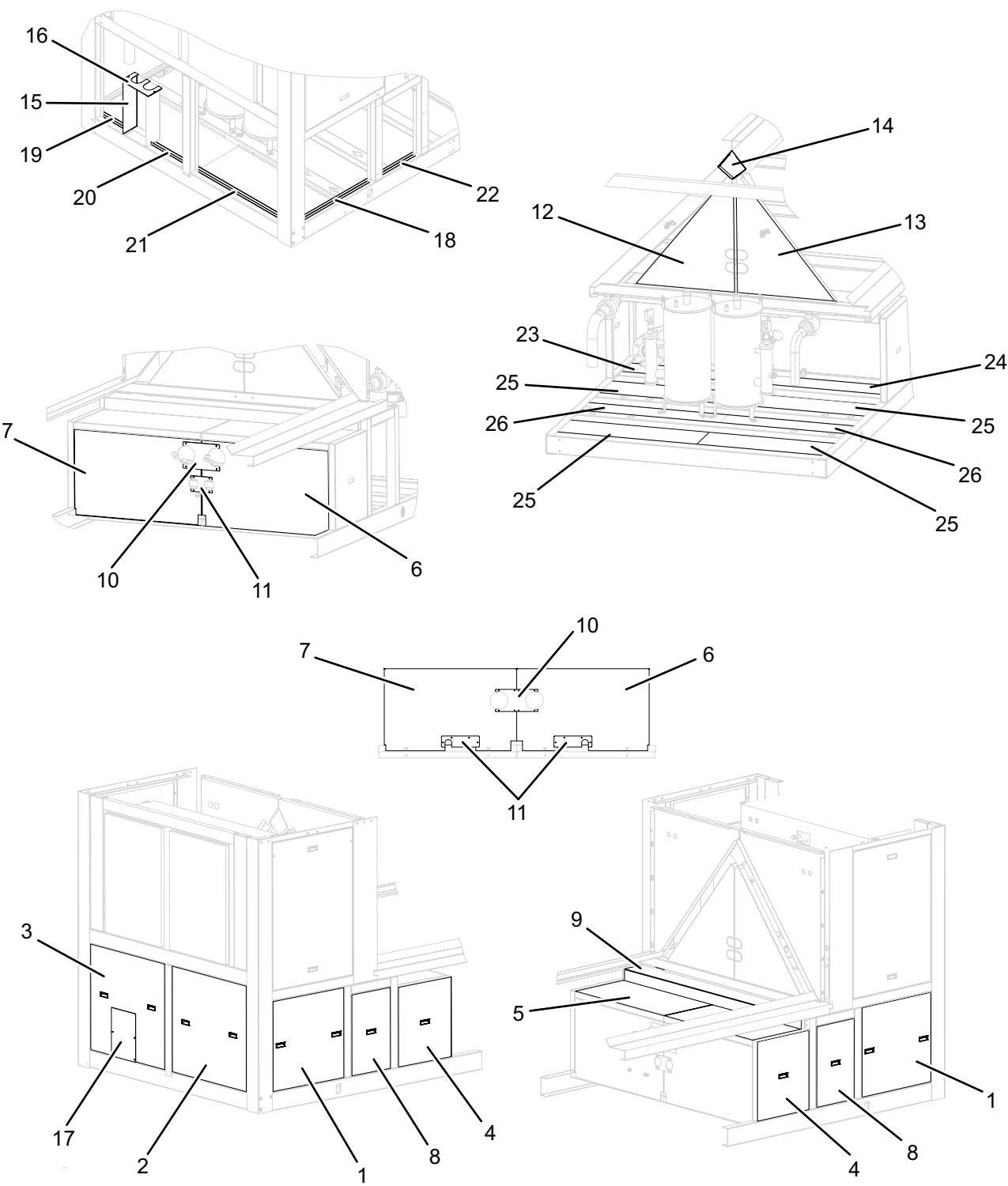
FIGURE 38 - FULL UNIT WIRE ENCLOSURE KIT - TOP (MODELS 0457/1649)

TABLE 58 - ACOUSTIC SOUND ENCLOSURE

ITEM	PIN 9 =	MODEL	DESCRIPTION	PART NUMBER	SAP	FIGURE
1	All	0267-0397, 1050-1500	Plate Enclosure Side	075-65694-000	447237	39
2	All	0267-0397, 1050-1500	Plate Enclosure Front	075-65693-000	755488	39
3	All	0267-0397, 1050-1500	Panel Enclosure Front	075-65691-000	755486	39
4	All	0267-0397, 1050-1500	Panel Enclosure Side	075-65695-000	755489	39
5	All	0267-0397, 1050-1500	Panel Enclosure Side	075-65699-000	755491	39
6	S, P, C	0287, 1070	Panel Enclosure Cooler Rh	075-71964-000	757064	39
	E, V, D	0267, 0287, 1050, 1120				
	S, P, C	0307, 0357, 1180, 1340		075-71923-000	757024	
	E, V, D	0327, 1220				
	S, P, C	0397, 1500		075-71961-000	757061	
	E, V, D	0357, 1380				
7	S, P, C	0287, 1070	Panel Enclosure Cooler Lh	075-71965-000	757065	39
	E, V, D	0267, 0287, 1050, 1120				
	S, P, C	0307, 0357, 1180, 1340		075-71924-000	757025	
	E, V, D	0327, 1220				
	S, P, C	0397, 1500		075-71962-000	757062	
	E, V, D	0357, 1380				
8	All	0267-0397, 1050-1500	Panel Enclosure Side	075-66949-000	755639	39
9	All	0267-0397, 1050-1500	Panel Enclosure Module Infill	075-66953-000	755643	39
10	S, P, C	0287, 1070	Patch Plate	075-71966-000	757066	39
	E, V, D	0267, 0287, 1050, 1120				
	S, P, C	0307, 0357, 1180, 1340		075-71925-000	757026	
	E, V, D	0327, 1220				
	S, P, C	0397, 1500		075-71963-000	757063	
	E, V, D	0357, 1380				
11	All	0267-0397, 1050-1500	Patch Plate	075-71926-000	757027	39
12	All	0267-0397, 1050-1500	Panel Infill Module Centre Lh	075-71928-000	757029	39
13	All	0267-0397, 1050-1500	Panel Infill Module Centre Rh	075-71929-000	757030	39
14	All	0267-0397, 1050-1500	Spine Infill Front	075-65698-000	755490	39
15	All	0267-0397, 1050-1500	Channel Cable Spreader	075-65712-000	755498	39
16	All	0267-0397, 1050-1500	Plate Cover Enclosure	075-65711-000	755497	39
17	All	0267-0397, 1050-1500	Plate Cover Enclosure	075-65692-000	755487	39
18	All	0267-0397, 1050-1500	Bracket Angle Enclosure	075-65707-000	755493	39
19	All	0267-0397, 1050-1500	Bracket Angle Enclosure	075-65710-000	755496	39
20	All	0267-0397, 1050-1500	Bracket Angle Enclosure	075-65709-000	755495	39
21	All	0267-0397, 1050-1500	Bracket Angle Enclosure	075-65708-000	755494	39
22	All	0267-0397, 1050-1500	Bracket Angle Enclosure	075-66955-000	755645	39
23	All	0267-0397, 1050-1500	Panel Base Enclosure	075-66952-000	755642	39
24	All	0267-0397, 1050-1500	Panel Base Enclosure	075-66954-000	755644	39
25	All	0267-0397, 1050-1500	Panel Base Infill	075-65630-000	755438	39
26	All	0267-0397, 1050-1500	Panel Base Infill	075-65629-000	755437	39
60	All	0267-0397, 1050-1500	Panel Enclosure Side	075-70818-000	756426	40
61	All	0267-0397, 1050-1500	Support Brace Module	075-70817-000	756425	40
62	All	0267-0397, 1050-1500	Panel Enclosure Infill	075-70834-000	756441	40
63	All	0267-0397, 1050-1500	Channel Support Enclosure	075-70833-000	756440	40

TABLE 58 - ACOUSTIC SOUND ENCLOSURE (CONT'D)

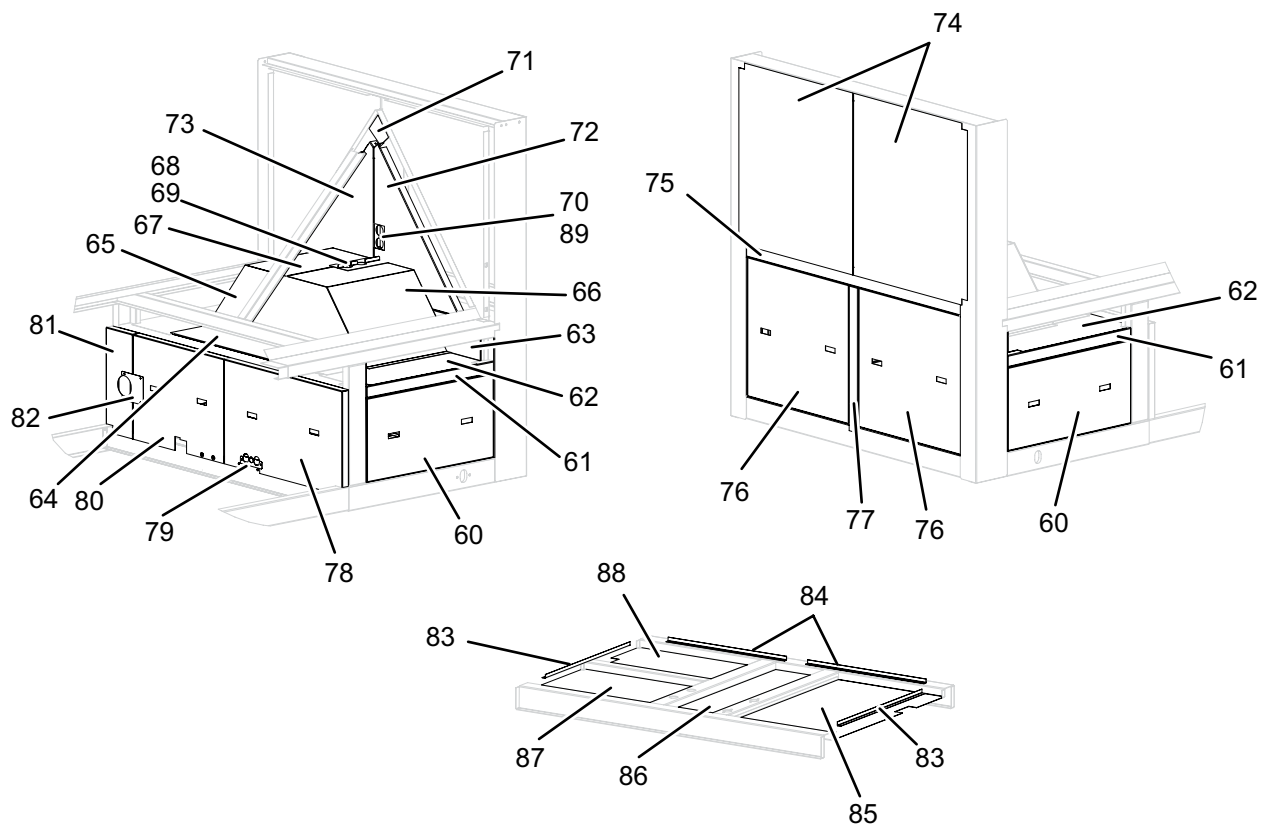
ITEM	PIN 9 =	MODEL	DESCRIPTION	PART NUMBER	SAP	FIGURE
64	All	0267-0397, 1050-1500	Channel Support Enclosure	075-70819-000	756427	40
65	All	0267-0397, 1050-1500	Panel Enclosure Infill	075-70835-000	756442	40
66	All	0267-0397, 1050-1500	Panel Enclosure Top Cover	075-70836-000	756443	40
67	All	0267-0397, 1050-1500	Panel Enclosure Top Cover	075-71901-000	756993	40
68	All	0267-0397, 1050-1500	Enclosure Patch Plate	075-74794-000	757344	40
69	All	0267-0397, 1050-1500	Enclosure Patch Plate	075-74795-000	757345	40
70	All	0267-0397, 1050-1500	Enclosure Patch Plate	075-74796-000	757346	40
71	All	0267-0397, 1050-1500	Spine Infill Front	075-65698-000	755490	40
72	All	0267-0397, 1050-1500	Panel Infill Module Centre Lh	075-71902-000	756994	40
73	All	0267-0397, 1050-1500	Panel Infill Module Centre Rh	075-71903-000	756995	40
74	All	0267-0397, 1050-1500	Panel Enclosure End	075-70838-000	756444	40
75	All	0267-0397, 1050-1500	Channel Support Control Pnl	075-65637-000	755442	40
76	All	0267-0397, 1050-1500	Plate Enclosure Front	075-65693-000	755488	40
77	All	0267-0397, 1050-1500	Support Front Control Pnl	075-65639-000	755444	40
78	All	0267-0397, 1050-1500	Panel Enclosure Compr Cover	075-70831-000	756438	40
79	All	0267-0397, 1050-1500	Patch Plate	075-71927-000	757028	40
80	All	0267-0397, 1050 - 1500	Panel Enclosure Compr Cover	075-70832-000	756439	40
81	S, P, C	0287, 0307, 1070, 1180	Panel Enclosure Compr Cover	075-71916-000	757023	40
		0357,0397, 1340, 1500		075-71959-000	757059	
	E, V, D	0267, 0287, 0327, 0357, 1050, 1120, 1220, 1380		075-71916-000	757023	
82	S, P, C	0287, 0307, 1070, 1180	Patch Plate	075-71913-000	757001	40
		0357,0397, 1340, 1500		075-71960-000	757060	
	E, V, D	0267, 0287, 0327, 0357, 1050, 1120, 1220, 1380		075-71913-000	757001	
83	All	0267-0397, 1050-1500	Bracket Angle Enclosure	075-70844-000	756449	40
84	All	0267-0397, 1050-1500	Bracket Angle Enclosure	075-65708-000	755494	40
85	All	0267-0397, 1050-1500	Panel Base Infill	075-70841-000	756446	40
86	All	0267-0397, 1050-1500	Panel Base Infill	075-70248-000	756184	40
87	All	0267-0397, 1050-1500	Panel Base Infill	075-70842-000	756447	40
88	All	0267-0397, 1050-1500	Panel Base Infill	075-70843-000	756448	40
89	All	0267-0397, 1050-1500	Enclosure Patch Plate	075-74797-000	757347	40



System 1 and 2

LD21772

FIGURE 39 - ACOUSTIC SOUND ENCLOSURE



System 3

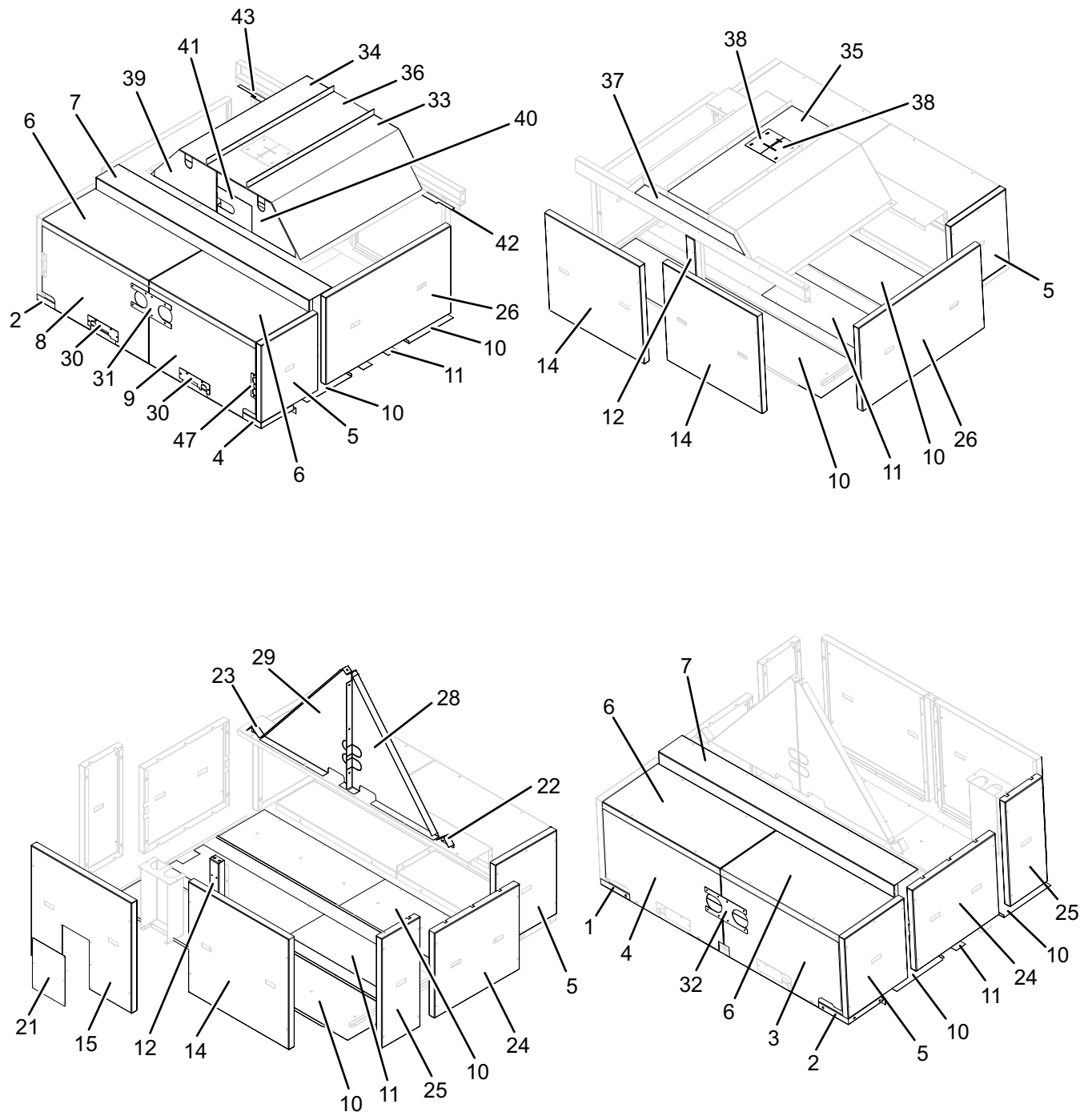
LD21773

FIGURE 40 - ACOUSTIC SOUND ENCLOSURE

TABLE 59 - ACOUSTIC SOUND ENCLOSURE - MODEL 0457 AND 1649 (PIN 9 = S, P, C)

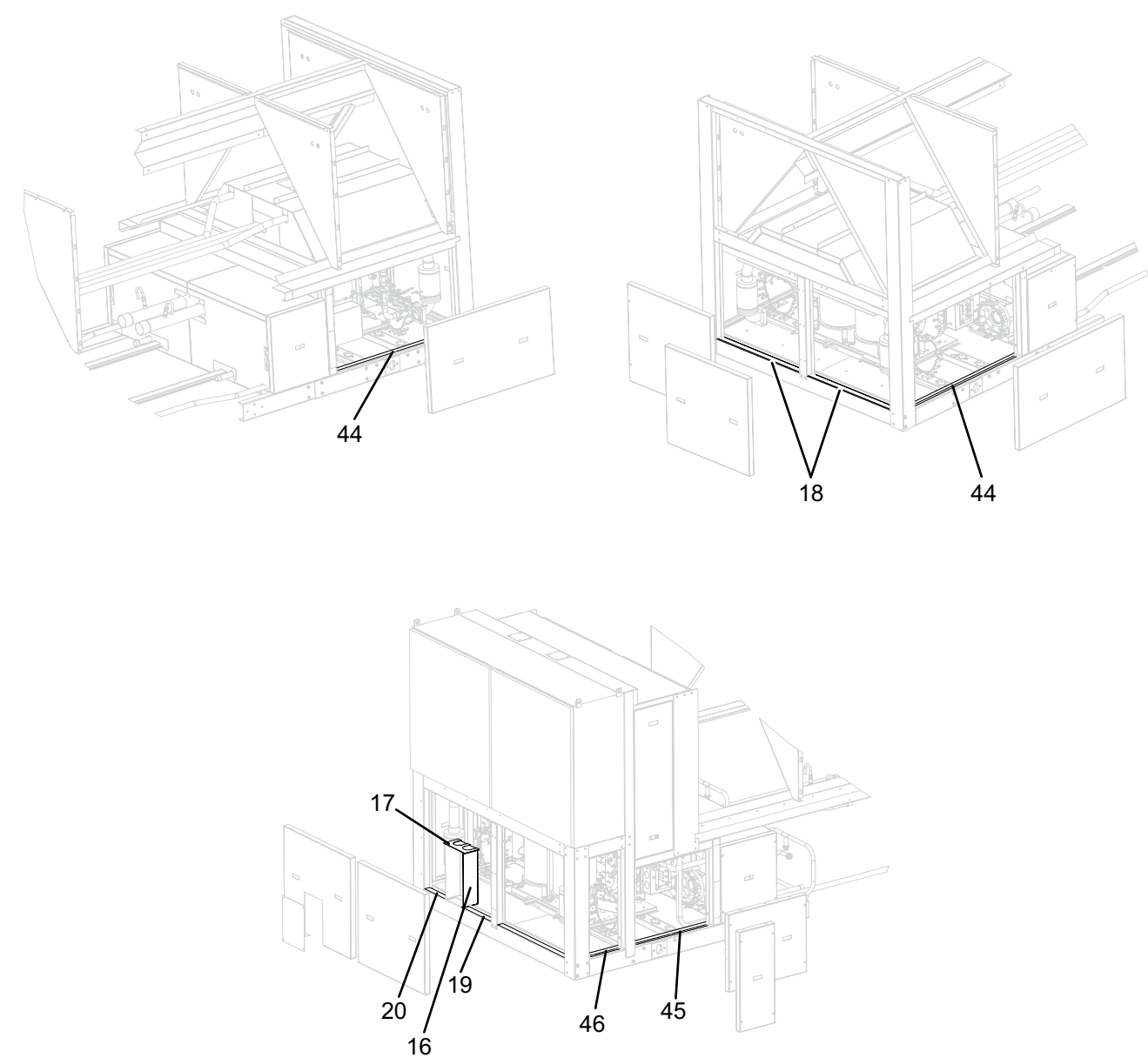
ITEM	DESCRIPTION	PART NUMBER	SAP	QUANTITY	FIGURE
1	Panel Base Enclosure	075-66954-000	755644	2	41
2	Panel Base Enclosure	075-66952-000	755642	2	41
3	Panel Enclosure	075-94583-000	762153	1	41
4	Panel Enclosure	075-94584-000	762154	1	41
5	Panel Enclosure Side	075-65695-000	755489	4	41
6	Panel Enclosure Side	075-65699-000	755491	4	41
7	Panel Enclosure Module Infill	075-66953-000	755643	2	41
8	Panel Enclosure	075-94616-000	762165	1	41
9	Panel Enclosure	075-94617-000	762166	1	41
10	Panel Base Infill	075-65630-000	755438	8	41
11	Panel Base Infill	075-65629-000	755437	4	41
12	Support Front Control Pnl	075-65639-000	755444	2	41
13	Channel Support Control Pnl	075-65637-000	755442	1	*
14	Plate Enclosure Front	075-65693-000	755488	3	41
15	Panel Enclosure Front	075-65691-000	755486	1	41
16	Channel Cable Spreader	075-65712-000	755498	1	42
17	Plate Cover Enclosure	075-65711-000	755497	1	42
18	Bracket Angle Enclosure	075-65708-000	755494	3	42
19	Bracket Angle Enclosure	075-65709-000	755495	1	42
20	Bracket Angle Enclosure	075-65710-000	755496	1	42
21	Plate Cover Enclosure	075-65692-000	755487	1	41
22	Infill Plate R.h. Enclosure	075-92609-000	761187	1	41
23	Infill Plate R.h. Enclosure	075-92610-000	761188	1	41
24	Panel Enclosure	075-94449-000	762118	2	41
25	Panel Enclosure	075-94450-000	762119	2	41
26	Panel Enclosure	075-94513-000	762148	2	41
28	Panel Infill Module Centre R.h	075-94581-000	762151	1	41
29	Panel Infil Modue Centre	075-94582-000	762152	1	41
30	Patch Plate	075-94618-000	762167	2	41
31	Patch Plate	075-94619-000	762168	1	41
32	Patch Plate	075-94624-000	762172	1	41
33	Panel Enclosure Side	075-94636-000	762173	1	41
34	Panel Enclosure Side	075-94637-000	762174	1	41
35	Panel Enclosure Top	075-94652-000	762181	1	41
36	Panel Enclosure Top	075-94653-000	762182	1	41
37	Patch Plate Enclosure	075-94654-000	762183	1	41
38	Patch Plate Enclosure	075-94655-000	762184	2	41
39	Panel Enclosure Front	075-94639-000	762176	1	41
40	Panel Enclosure Front	075-94663-000	762187	1	41
41	Panel Enclosure Front	075-94638-000	762175	1	41
42	Patch Plate Enclosure	075-94664-000	762188	1	41
43	Panel Enclosure Front	075-94670-000	762190	1	41
44	Angle Patch Plate	092-01000-000	767238	2	42
45	Angle Patch Plate	092-01001-000	767239	2	42
46	Angle Patch Plate	092-01002-000	767240	2	42
47	Patch Plate	075-71927-000	757028	2	41

NOTE: Items with an * are NOT represented.



LD21775

FIGURE 41 - ACOUSTIC SOUND ENCLOSURE MODEL 0457 AND 1649 (PIN 9 = S, P, C)



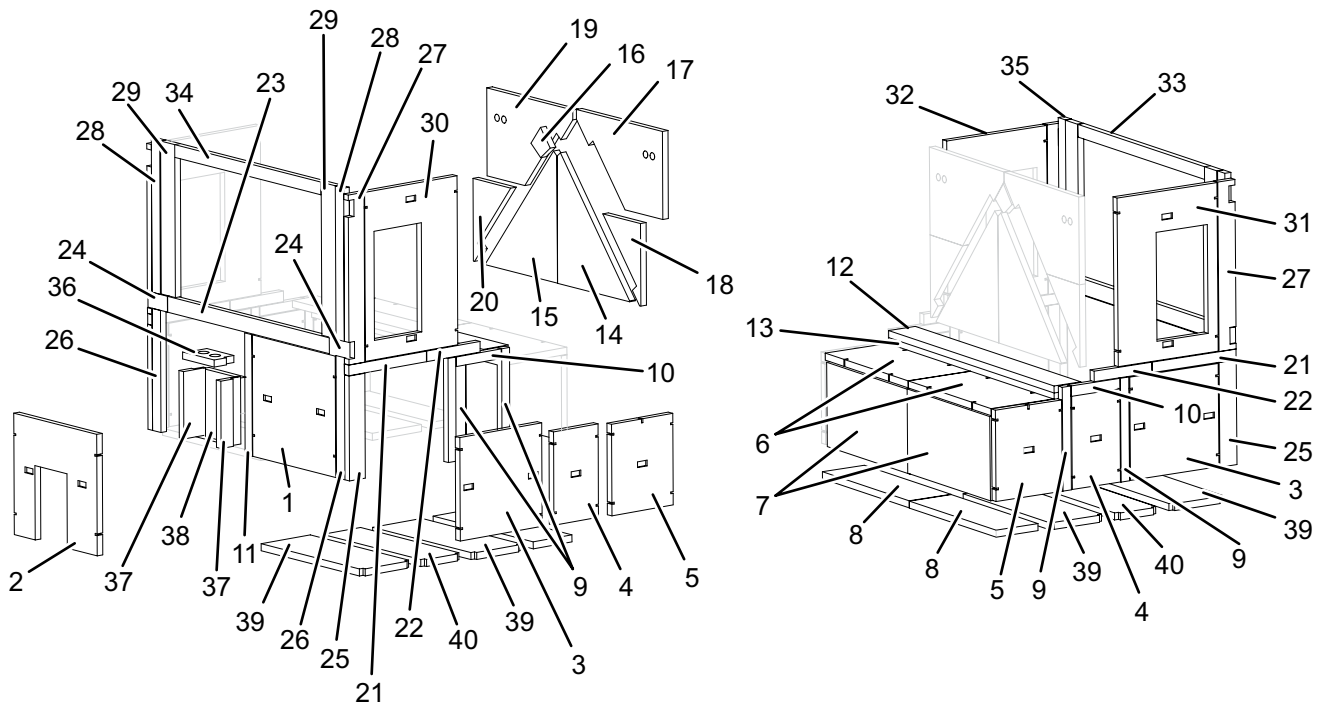
LD21776

FIGURE 42 - ACOUSTIC SOUND ENCLOSURE MODEL 0457 AND 1649 (PIN 9 = S, P, C)

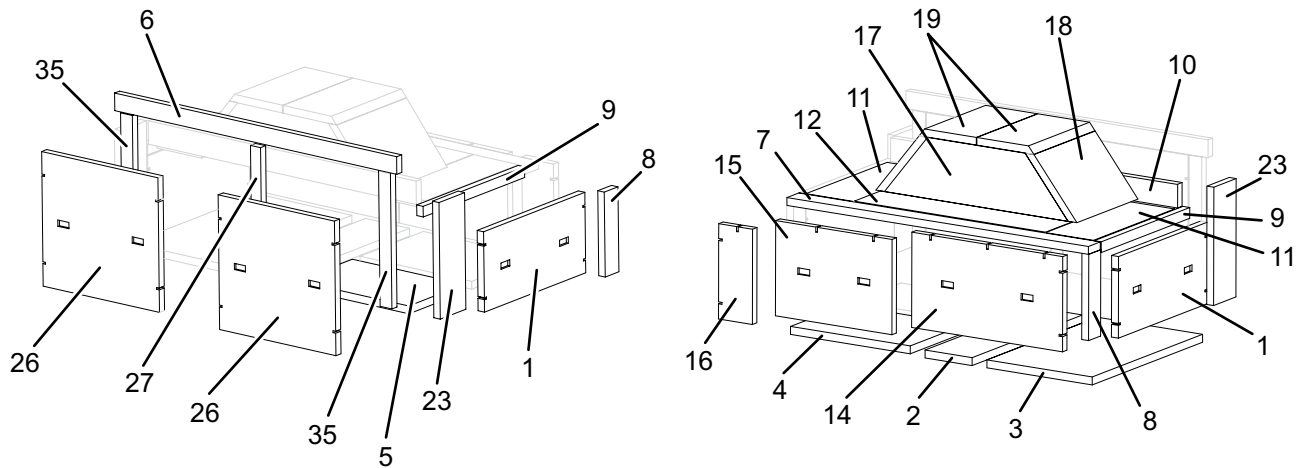
TABLE 60 - INSULATION ACOUSTIC SOUND MODELS 0267 - 1500

ITEM	DESCRIPTION	PART NUMBER	SAP	QUANTITY	FIGURE
-	Ins Acoustic Kit 50Mm (2") Thick	375-71915-100	791629	1	*
1	Ins Acoustic Pre-Cut	075-66900-001	755582	1	43
2	Ins Acoustic Pre-Cut	075-66900-002	755583	1	43
3	Ins Acoustic Pre-Cut	075-66900-003	755584	2	43
4	Ins Acoustic Pre-Cut	075-66900-004	755585	2	43
5	Ins Acoustic Pre-Cut	075-66900-005	755586	2	43
6	Ins Acoustic Pre-Cut	075-66900-006	755587	2	43
7	Ins Acoustic Pre-Cut	075-66900-007	755588	2	43
8	Ins Acoustic Pre-Cut	075-66900-008	755589	2	43
9	Ins Acoustic Pre-Cut	075-66900-009	755590	4	43
10	Ins Acoustic Pre-Cut	075-66900-010	755591	2	43
11	Ins Acoustic Pre-Cut	075-66900-011	755592	1	43
12	Ins Acoustic Pre-Cut	075-66900-012	755593	1	43
13	Ins Acoustic Pre-Cut	075-66900-013	755594	1	43
14	Ins Acoustic Pre-Cut	075-66900-014	755595	1	43
15	Ins Acoustic Pre-Cut	075-66900-015	755596	1	43
16	Ins Acoustic Pre-Cut	075-66900-016	755597	1	43
17	Ins Acoustic Pre-Cut	075-66900-017	755598	1	43
18	Ins Acoustic Pre-Cut	075-66900-018	755599	1	43
19	Ins Acoustic Pre-Cut	075-66900-019	755600	1	43
20	Ins Acoustic Pre-Cut	075-66900-020	755601	1	43
21	Ins Acoustic Pre-Cut	075-66900-021	755602	2	43
22	Ins Acoustic Pre-Cut	075-66900-022	755603	2	43
23	Ins Acoustic Pre-Cut	075-66900-023	755604	1	43
24	Ins Acoustic Pre-Cut	075-66900-024	755605	2	43
25	Ins Acoustic Pre-Cut	075-66900-025	755606	2	43
26	Ins Acoustic Pre-Cut	075-66900-026	755607	2	43
27	Ins Acoustic Pre-Cut	075-66900-027	755608	2	43
28	Ins Acoustic Pre-Cut	075-66900-028	755609	2	43
29	Ins Acoustic Pre-Cut	075-66900-029	755610	2	43
30	Ins Acoustic Pre-Cut	075-66900-030	755611	1	43
31	Ins Acoustic Pre-Cut	075-66900-031	755612	1	43
32	Insulation Acoustic Pre-Cut	075-66900-041	755620	1	43
33	Insulation Acoustic Pre-Cut	075-66900-042	755621	1	43
34	Ins Acoustic Pre-Cut	075-66900-034	755613	1	43
35	Ins Acoustic Pre-Cut	075-66900-035	755614	1	43
36	Ins Acoustic Pre-Cut	075-66900-036	755615	1	43
37	Ins Acoustic Pre-Cut	075-66900-037	755616	2	43
38	Ins Acoustic Pre-Cut	075-66900-038	755617	1	43
39	Ins Acoustic Pre-Cut	075-66900-039	755618	4	43
40	Ins Acoustic Pre-Cut	075-66900-040	755619	2	43

NOTE: Items with an * are NOT represented.



SYSTEMS 1 and 2



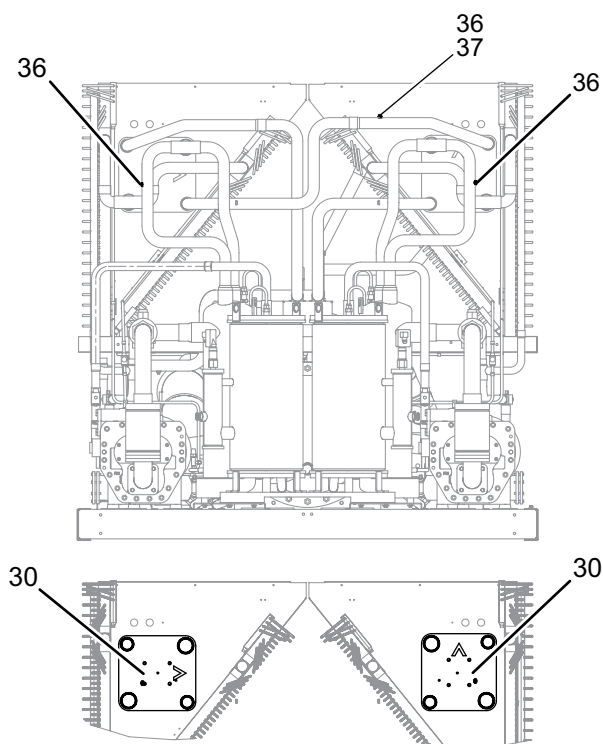
SYSTEM 3

LD21774

FIGURE 43 - INSULATION ACOUSTIC SOUND (MODELS 0267 - 1500)

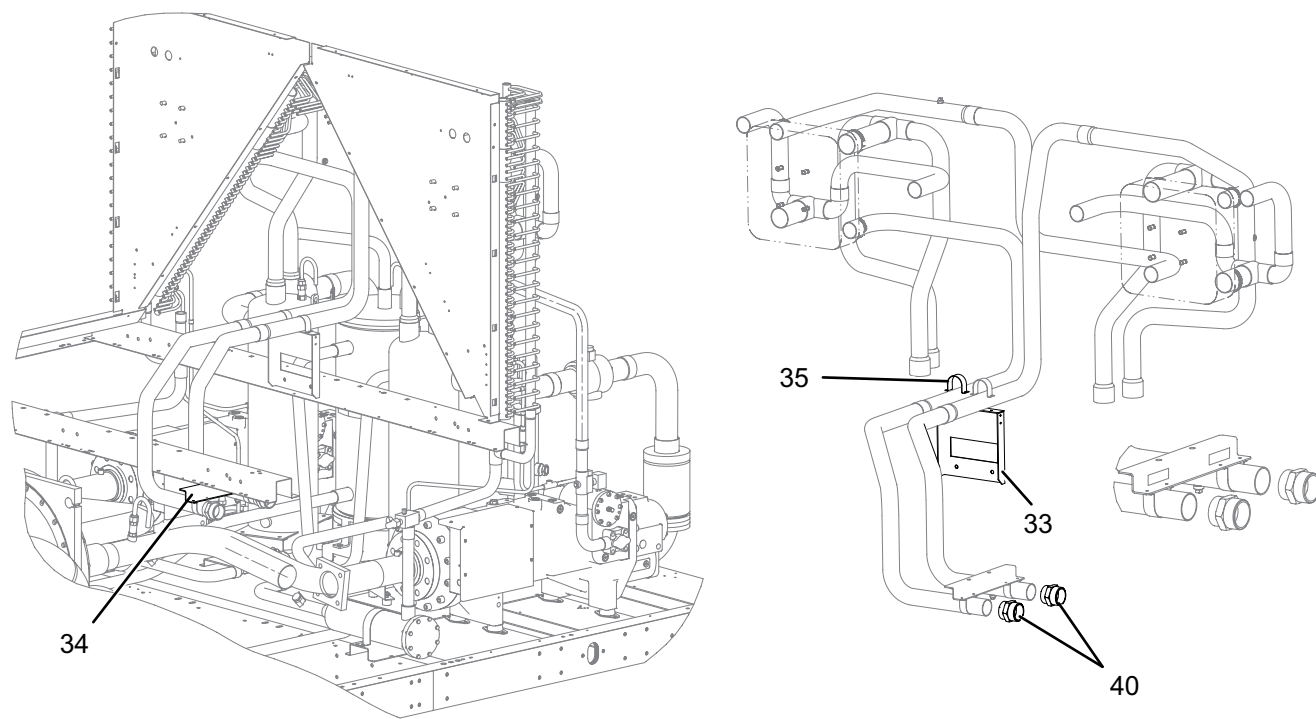
TABLE 61 - DESUPERHEATER

ITEM	MODEL	DESCRIPTION	PART NUMBER	SAP	QUANTITY	FIGURE
30	0267-0357, 1050-1340	Htexch Plate B60 X 40	026-45021-000	741157	2	44
	0357, 0397, 1380, 1500	Htexch Plate B60 X 46	026-45022-000	741158		
33	0267-0397, 1050-1500	Bracket Support Water Conn	075-74728-000	757289	1	45
34	0267-0397, 1050-1500	Bracket Support Water Conn	075-74721-000	757282	1	45
35	0267-0397, 1050-1500	Clamp Tube 2-1/8 Dia	066-94460-000	747650	4	45
36	0267-0397, 1050-1500	Button, Brass 1/4-18 Npt	075-37971-000	751124	4	44
37	0267-0397, 1050-1500	Plug Pipe Sq Head 1/4"Npt	023-19095-001	733050	2	44
40	0267-0397, 1050-1500	CPLG 2-1/8" (54Mm) Odf Sld X	023-23721-000	733848	2	45



LD21744

FIGURE 44 - DESUPERHEATER

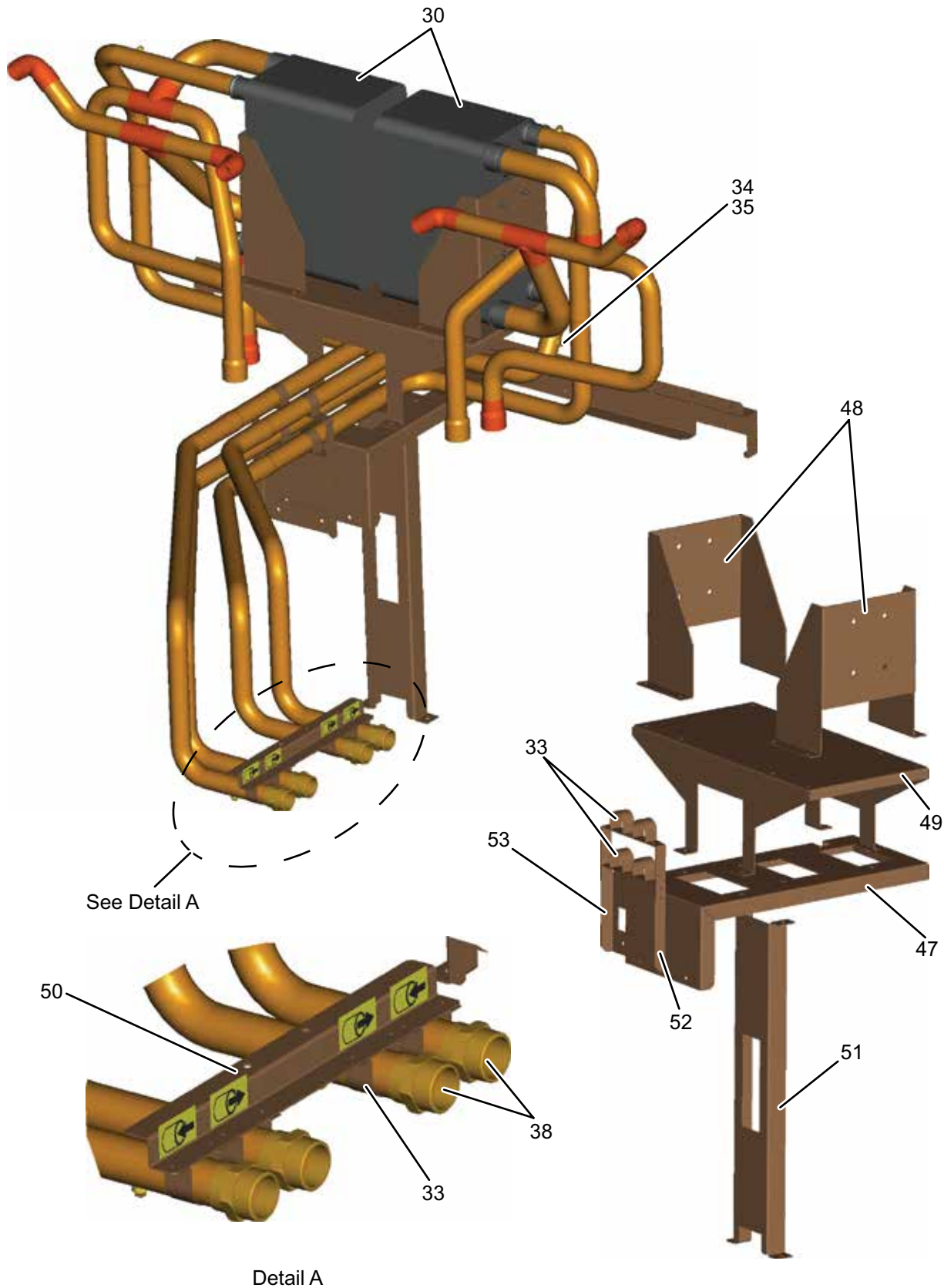


LD21745

FIGURE 45 - DESUPERHEATER

TABLE 62 - HEAT RECOVERY MECHANICAL ASSEMBLY

ITEM	MODEL	DESCRIPTION	PART NUMBER	SAP	QUANTITY	FIGURE
30	0267, 0287, 0307, 0327, 1050, 1070, 1120, 1180, 1220	Heat Exchanger Plate B200 X120	026-45959-000	741245	2	46
	0357, 0397, 1340, 1380, 1500	Heat Exchanger Plate B200 X150	026-45960-000	741246		
33	0267-1500	Clamp Tube 2-1/8 Dia	066-94460-000	747650	8	46
34	0267-0397, 1050-1500	Button, Brass 1/4-18 Npt	075-37971-000	751124	8	46
35	0267-0397, 1050-1500	Plug Pipe Sq Head 1/4"Npt	023-19095-001	733050	8	46
38	0267-0397, 1050-1500	Cplg 2-1/8" (54Mm) Odf Sld X	023-23721-000	733848	4	46
47	0267-0397, 1050-1500	Support Heat Exchanger	075-84211-000	759353	1	46
48	0267-0397, 1050-1500	Support Htexch	075-84212-000	759354	2	46
49	0267-0397, 1050-1500	Support Heat Exchanger	075-84213-000	759355	1	46
50	0267-0397, 1050-1500	Bracket Support Water Conn	075-84218-000	759360	1	46
51	0267-0397, 1050-1500	Support Let Htexch	075-84227-000	759369	1	46
52	0267-0397, 1050-1500	Bracket Support Water Conn.	075-84486-000	759438	1	46
53	0267-0397, 1050-1500	Bracket Support Water Conn	075-74728-000	757289	1	46



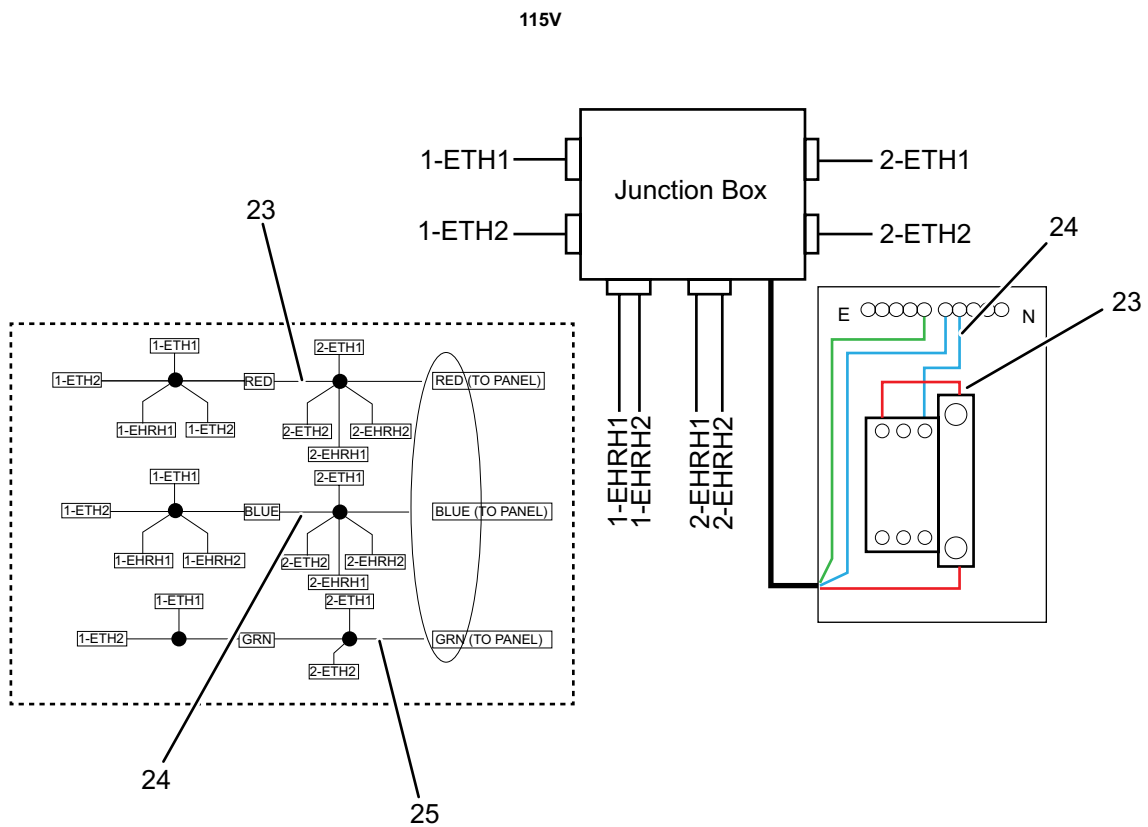
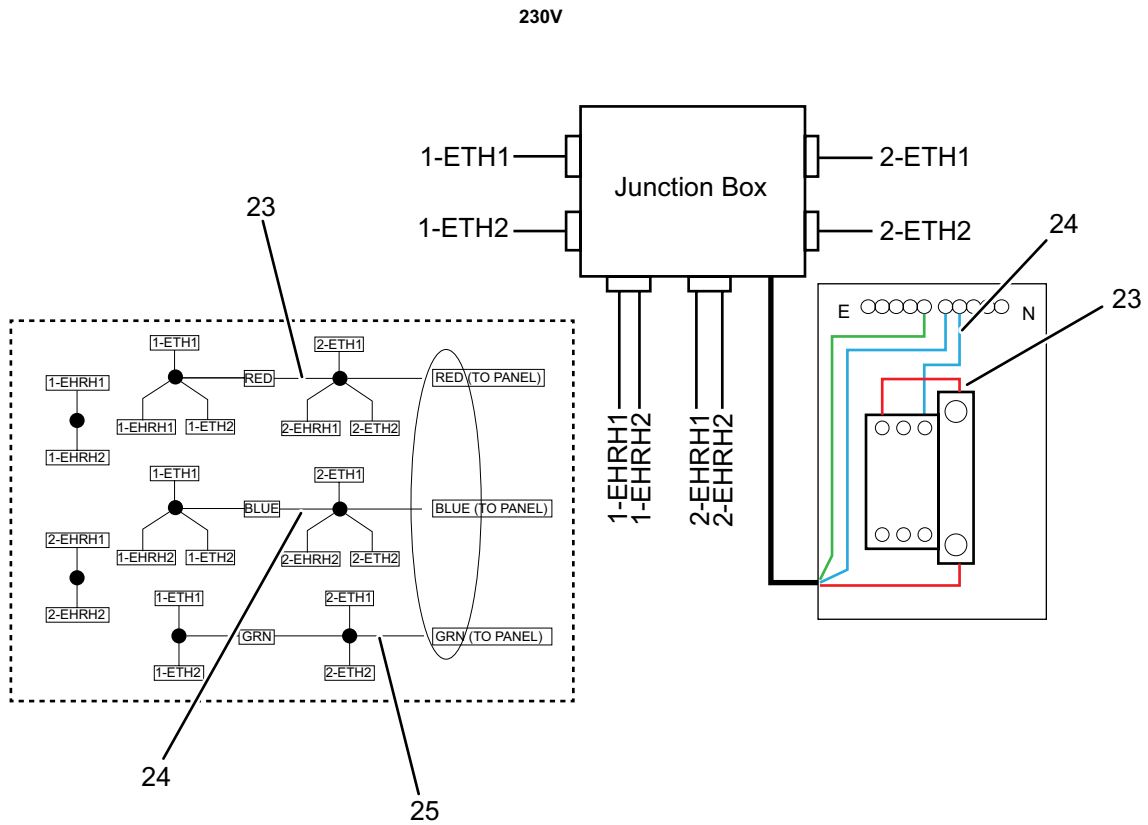
LD21583

FIGURE 46 - HEAT RECOVERY MECHANICAL ASSEMBLY

TABLE 63 - HEAT RECOVERY TRACE HEATING

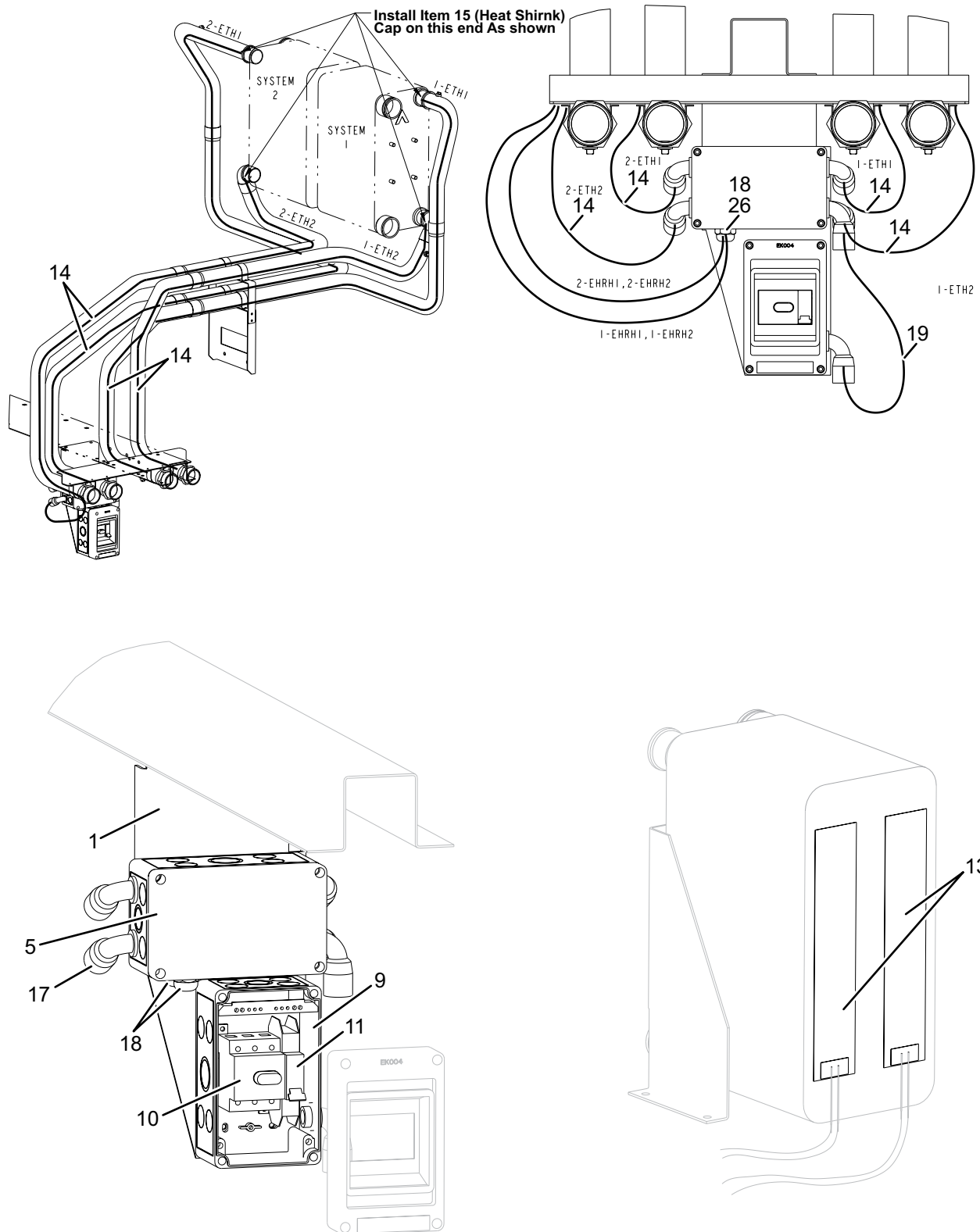
ITEM	DESCRIPTION	PART NUMBER	SAP	QUANTITY	FIGURE
1	Bracket Support Terminal Box	075-84487-000	759439	1	48
5	Enclosure Terminal	025-42986-000	740192	1	48
9	Encl. Distribution	025-42792-100	842813	1	48
10	Non-Fused Disc.switch	024-36973-000	736421	1	48
11	Circuit Breaker Single Pole 4 (Pin 24 = C)	024-36926-000	736412	1	48
	Circuit Breaker Single Pole 8 (Pin 24 = L)	024-36927-000	736413		
13	Heater 120 Volts, 35 Watts	025-42878-000	740166	4	48
14	Heating Cable 240V 10 Watts/Ft (Pin 24 = C)	025-42794-001	740139	4	48
	Heating Cable 120V 10 Watts/Ft (Pin 24 = L)	025-42794-002	740140		
15	Heat Shrink End Cap	025-42120-000	740059	4	*
17	Connr, Conduit Flex Angle	025-31316-000	435091	4	48
18	Fitting Liquid Tight 1/2 Npt	025-28720-000	117421	2	48
19	Wiring Harness (Compressor)	575-84703-000	808580	1	48
23	Wiring Harness Crossover	575-84742-001	683777	2	47
24	Wiring Harness Crossover	575-84742-002	808581	2	47
25	Wiring Harness Crossover	575-84742-003	808582	1	47
26	Locknut, 1/2 Npt	025-34090-000	435354	2	48
28	Heat Recovery	035-22381-000	745492	1	*

NOTE: Install Item 15 (Heat Shrink) Cap on end as shown in Figure 44.
Items with an * are NOT represented.



LD2158

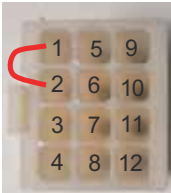
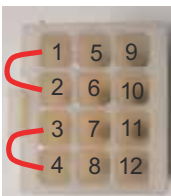
FIGURE 47 - HEAT RECOVERY TRACE HEATING



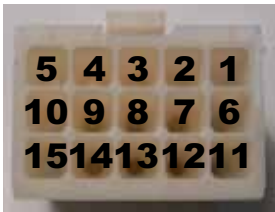
LD21582

FIGURE 48 - HEAT RECOVERY TRACE HEATING

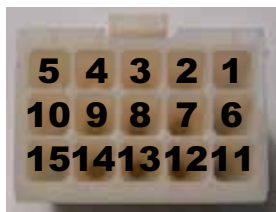
TABLE 64 - PLUG / JUMPER ARRANGEMENT

PLUG / JUMPER ARRANGEMENT			
PLUG P/N	JUMPER DETAIL	MODELS	MAX VSD FREQUENCY
371-04484-101		0267EA/VA - 1050EA/VA	182
371-04484-102		0287SA/PA - 1070SA/PA	186
371-04484-103		0327EA/VA - 1220EA/VA 0357EA/VA - 1380EA/VA	192
371-04484-104		0357SA/PA - 1340SA/PA 0397SA/PA - 1500SA/PA	200
371-04484-105		N/A	196
371-04484-106		0307SA/PA - 1180SA/PA	188
371-04484-107		0287EA/VA - 1120EA/VA	178

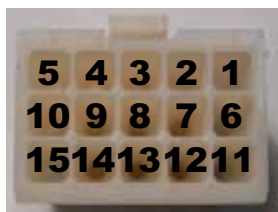
**TABLE 65 - SENSOR HARNESS WIRING MODELS 0287,0307,1070, 1180 (PIN 9 = S, P, C)
MODELS 0267,1050 (PIN 9 = E, V, D)**

SYSTEM #1 SENSOR WIRING							
Plug Detail	Plug P/N	Plug "P" No.	Plug Pin No.	Wire Color	Cable #	Function	Harness Assembly Part Number
	Plug = 025-28383-000	P26	1	Green	4	System #1 Compressor Motor Temperature	575-65662-317
			2	Red			
			3	Black			
			4	White			
			5	Drain			
			6	White	9	System #1 Flash Tank Level	575-65662-315
			7	Red			
			8	Black			
			9	Drain			
	Plug = 025-29185-000	P27	1	Black	6	System #1 Suction Temperature	575-65662-308
			2	Red			
			3	Drain			
	Plug = 025-28384-000	P28	1	Black	8	System #1 Discharge Temperature	575-65662-310
			2	Red			
			3	Drain			
			5	Green	22	System #1 Flash Tank Drain	575-65662-335
			6	Red			
			7	Black			
			8	White			
			9	Green	23	System #1 Flash Tank Feed	575-65662-320
			10	Red			
			11	Black			
			12	White			
				Plug = 025-28385-000	P29	1	White
2	Red						
3	Black						
4	Drain						
6	White	11				System #1 Oil Pressure	575-65662-304
7	Red						
8	Black						
9	Drain						
11	White	12				System #1 Discharge Pressure	575-65662-306
12	Red						
13	Black						
14	Drain						
5	Black	7				System #1 Oil Temperature	575-65662-300
10	Red						
15	Drain						

**TABLE 65 - SENSOR HARNESS WIRING MODELS 0287,0307,1070, 1180 (PIN 9 = S, P, C)
MODELS 0267,1050 (PIN 9 = E, V, D) (CONT'D)**

SYSTEM #2 SENSOR WIRING							
Plug Detail	Plug P/N	Plug "P" No.	Plug Pin No.	Wire Color	Cable #	Function	Harness Assembly Part Number
	Plug = 025-28383-001	P30	1	Green	5	System #2 Compressor Motor Temperature	575-65662-318
			2	Red			
			3	Black			
			4	White			
			5	Drain	16	System #2 Flash Tank Level	575-65662-316
			6	White			
			7	Red			
			8	Black			
			9	Drain			
	Plug = 025-29185-001	P31	1	Black	13	System #2 Suction Temperature	575-65662-309
			2	Red			
			3	Drain			
	Plug = 025-28384-001	P32	1	Black	15	System #2 Discharge Temperature	575-65662-311
			2	Red			
			3	Drain			
			5	Green	20	System #2 Flash Tank Drain	575-65662-336
			6	Red			
			7	Black			
			8	White	21	System #2 Flash Tank Feed	575-65662-322
			9	Green			
			10	Red			
			11	Black			
			12	White			
				Plug = 025-28385-001	P33	1	White
2	Red						
3	Black						
4	Drain						
6	White	18				System #2 Oil Pressure	575-65662-305
7	Red						
8	Black						
9	Drain	19				System #2 Discharge Pressure	575-65662-307
11	White						
12	Red						
13	Black						
14	Drain	14				System #2 Oil Temperature	575-65662-301
5	Black						
10	Red						
15	Drain						

**TABLE 65 - SENSOR HARNESS WIRING MODELS 0287,0307,1070, 1180 (PIN 9 = S, P, C)
MODELS 0267,1050 (PIN 9 = E, V, D) (CONT'D)**

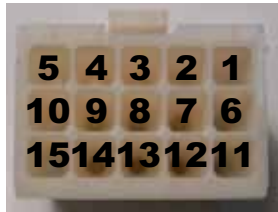
SYSTEM #3 SENSOR WIRING							
Plug Detail	Plug P/N	Plug "P" No.	Plug Pin No.	Wire Color	Cable #	Function	Harness Assembly Part Number
	Plug = 025-28383-002	P48	1	Green	26	System #3 Compressor Motor Temperature	575-65662-330
			2	Red			
			3	Black			
			4	White			
			5	Drain	30	System #3 Flash Tank Level	575-65662-329
			6	White			
			7	Red			
			8	Black			
			9	Drain			
	Plug = 025-29185-002	P49	1	Black	27	System #3 Suction Temperature	575-65662-327
			2	Red			
			3	Drain			
	Plug = 025-28384-002	P50	1	Black	29	System #3 Discharge Temperature	575-65662-328
			2	Red			
			3	Drain			
			5	Green	34	System #3 Flash Tank Drain	575-65662-331
			6	Red			
			7	Black			
			8	White	35	System #3 Flash Tank Feed	575-65662-332
			9	Green			
			10	Red			
11	Black						
12	White						
	Plug = 025-28385-002	P51	1	White	31	System #3 Suction Pressure	575-65662-324
			2	Red			
			3	Black			
			4	Drain			
			6	White	32	System #3 Oil Pressure	575-65662-325
			7	Red			
			8	Black			
			9	Drain			
			11	White	33	System #3 Discharge Pressure	575-65662-326
			12	Red			
			13	Black			
			14	Drain			
			5	Black	28	System #3 Oil Temperature	575-65662-323
			10	Red			
			15	Drain			

**TABLE 65 - SENSOR HARNESS WIRING MODELS 0287,0307,1070, 1180 (PIN 9 = S, P, C)
MODELS 0267,1050 (PIN 9 = E, V, D) (CONT'D)**

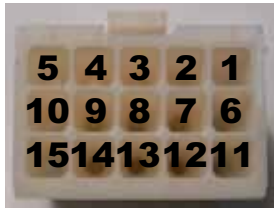
UNIT SENSOR WIRING							
Plug Detail	Plug P/N	Plug "P" No.	Plug Pin No.	Wire Color	Cable #	Function	Harness Assembly Part Number
	Plug = 025-21192-000	P25	1	Black	1	Leaving Water Temperature	575-65662-333
			2	Red			
			3	Drain			
			4	Black	2	Entering Water Temperature	575-65662-334
			5	Red			
			6	Drain			
			7	Black	3	Outside Air Temperature	575-65662-314
			8	Red			
			9	Drain			

UNIT CONTROL WIRING						
Plug Detail	Plug P/N	Plug "P" No.	Plug Pin No.	Wire Number	Function	Harness Assembly Part Number
	Plug = 025-21417-000	P36	1	2	Cooler Heater	575-65662-225
			2	29		
			3	34		
			4	Ground		

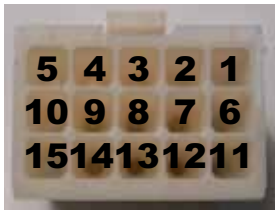
**TABLE 66 - SENSOR HARNESS WIRING MODELS 0357, 1340 (PIN 9 = S, P, C)
MODELS 0287, 0327, 1120, 1220 (PIN 9 = E, V, D)**

SYSTEM #1 SENSOR WIRING							
Plug Detail	Plug P/N	Plug "P" No.	Plug Pin No.	Wire Color	Cable #	Function	Harness Assembly Part Number
	Plug = 025-28383-000	P26	1	Green	4	System #1 Compressor Motor Temperature	575-65662-317
			2	Red			
			3	Black			
			4	White			
			5	Drain	9	System #1 Flash Tank Level	575-65662-315
			6	White			
			7	Red			
			8	Black			
			9	Drain			
	Plug = 025-29185-000	P27	1	Black	6	System #1 Suction Temperature	575-65662-308
			2	Red			
			3	Drain			
	Plug = 025-28384-000	P28	1	Black	8	System #1 Discharge Temperature	575-65662-310
			2	Red			
			3	Drain			
			5	Green	22	System #1 Flash Tank Drain	575-65662-335
			6	Red			
			7	Black			
			8	White			
			9	Green	23	System #1 Flash Tank Feed	575-65662-320
			10	Red			
			11	Black			
			12	White			
				Plug = 025-28385-000	P29	1	White
2	Red						
3	Black						
4	Drain						
6	White	11				System #1 Oil Pressure	575-65662-304
7	Red						
8	Black						
9	Drain						
11	White	12				System #1 Discharge Pressure	575-65662-306
12	Red						
13	Black						
14	Drain						
5	Black	7				System #1 Oil Temperature	575-65662-300
10	Red						
15	Drain						

**TABLE 66 - SENSOR HARNESS WIRING MODELS 0357, 1340 (PIN 9 = S, P, C)
MODELS 0287, 0327, 1120, 1220 (PIN 9 = E, V, D) (CONT'D)**

SYSTEM #2 SENSOR WIRING							
Plug Detail	Plug P/N	Plug "P" No.	Plug Pin No.	Wire Color	Cable #	Function	Harness Assembly Part Number
	Plug = 025-28383-001	P30	1	Green	5	System #2 Compressor Motor Temperature	575-65662-318
			2	Red			
			3	Black			
			4	White			
			5	Drain			
			6	White	16	System #2 Flash Tank Level	575-65662-316
			7	Red			
			8	Black			
			9	Drain			
	Plug = 025-29185-001	P31	1	Black	13	System #2 Suction Temperature	575-65662-309
			2	Red			
			3	Drain			
	Plug = 025-28384-001	P32	1	Black	15	System #2 Discharge Temperature	575-65662-311
			2	Red			
			3	Drain			
			5	Green	20	System #2 Flash Tank Drain	575-65662-336
			6	Red			
			7	Black			
			8	White	21	System #2 Flash Tank Feed	575-65662-322
			9	Green			
			10	Red			
			11	Black			
			12	White			
				Plug = 025-28385-001	P33	1	White
2	Red						
3	Black						
4	Drain						
6	White	18				System #2 Oil Pressure	575-65662-305
7	Red						
8	Black						
9	Drain						
11	White	19				System #2 Discharge Pressure	575-65662-307
12	Red						
13	Black						
14	Drain						
5	Black	14				System #2 Oil Temperature	575-65662-301
10	Red						
15	Drain						

**TABLE 66 - SENSOR HARNESS WIRING MODELS 0357, 1340 (PIN 9 = S, P, C)
MODELS 0287, 0327, 1120, 1220 (PIN 9 = E, V, D) (CONT'D)**

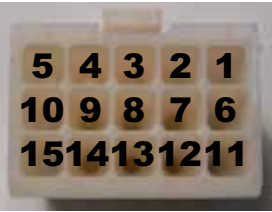
SYSTEM #3 SENSOR WIRING							
Plug Detail	Plug P/N	Plug "P" No.	Plug Pin No.	Wire Color	Cable #	Function	Harness Assembly Part Number
	Plug = 025-28383-002	P48	1	Green	26	System #3 Compressor Motor Temperature	575-65662-344
			2	Red			
			3	Black			
			4	White			
			5	Drain	30	System #3 Flash Tank Level	575-65662-343
			6	White			
			7	Red			
			8	Black			
			9	Drain			
	Plug = 025-29185-002	P49	1	Black	27	System #3 Suction Temperature	575-65662-341
			2	Red			
			3	Drain			
	Plug = 025-28384-002	P50	1	Black	29	System #3 Discharge Temperature	575-65662-342
			2	Red			
			3	Drain			
			5	Green	34	System #3 Flash Tank Drain	575-65662-345
			6	Red			
			7	Black			
			8	White	35	System #3 Flash Tank Feed	575-65662-346
			9	Green			
			10	Red			
			11	Black			
			12	White			
				Plug = 025-28385-002	P51	1	White
2	Red						
3	Black						
4	Drain						
6	White	32				System #3 Oil Pressure	575-65662-339
7	Red						
8	Black						
9	Drain						
11	White	33				System #3 Discharge Pressure	575-65662-340
12	Red						
13	Black						
14	Drain						
5	Black	28				System #3 Oil Temperature	575-65662-337
10	Red						
15	Drain						

**TABLE 66 - SENSOR HARNESS WIRING MODELS 0357, 1340 (PIN 9 = S, P, C)
MODELS 0287, 0327, 1120, 1220 (PIN 9 = E, V, D) (CONT'D)**

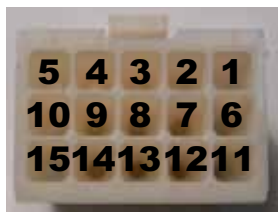
UNIT SENSOR WIRING							
Plug Detail	Plug P/N	Plug "P" No.	Plug Pin No.	Wire Color	Cable #	Function	Harness Assembly Part Number
	Plug = 025-21192-000	P25	1	Black	1	Leaving Water Temperature	575-65662-333
			2	Red			
			3	Drain			
			4	Black	2	Entering Water Temperature	575-65662-334
			5	Red			
			6	Drain			
			7	Black	3	Outside Air Temperature	575-65662-314
			8	Red			
			9	Drain			

UNIT CONTROL WIRING						
Plug Detail	Plug P/N	Plug "P" No.	Plug Pin No.	Wire Number	Function	Harness Assembly Part Number
	Plug = 025-21417-000	P36	1	2	Cooler Heater	575-65662-225
			2	29		
			3	34		
			4	Ground		

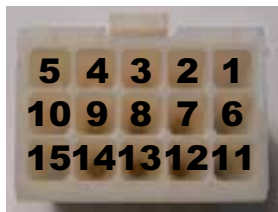
**TABLE 67 - SENSOR HARNESS WIRING MODELS 0397, 1500 (PIN 9 = S, P, C)
MODELS 0357, 1380 (PIN 9 = E, V, D)**

SYSTEM #1 SENSOR WIRING							
Plug Detail	Plug P/N	Plug "P" No.	Plug Pin No.	Wire Color	Cable #	Function	Harness Assembly Part Number
	Plug = 025-28383-000	P26	1	Green	4	System #1 Compressor Motor Temperature	575-65662-317
			2	Red			
			3	Black			
			4	White			
			5	Drain	9	System #1 Flash Tank Level	575-65662-315
			6	White			
			7	Red			
			8	Black			
			9	Drain			
	Plug = 025-29185-000	P27	1	Black	6	System #1 Suction Temperature	575-65662-308
			2	Red			
			3	Drain			
	Plug = 025-28384-000	P28	1	Black	8	System #1 Discharge Temperature	575-65662-310
			2	Red			
			3	Drain			
			5	Green	22	System #1 Flash Tank Drain	575-65662-335
			6	Red			
			7	Black			
			8	White			
			9	Green	23	System #1 Flash Tank Feed	575-65662-320
			10	Red			
			11	Black			
			12	White			
				Plug = 025-28385-000	P29	1	White
2	Red						
3	Black						
4	Drain						
6	White	11				System #1 Oil Pressure	575-65662-304
7	Red						
8	Black						
9	Drain						
11	White	12				System #1 Discharge Pressure	575-65662-306
12	Red						
13	Black						
14	Drain						
5	Black	7				System #1 Oil Temperature	575-65662-300
10	Red						
15	Drain						

**TABLE 67 - SENSOR HARNESS WIRING MODELS 0397, 1500 (PIN 9 = S, P, C)
MODELS 0357, 1380 (PIN 9 = E, V, D) (CONT'D)**

SYSTEM #2 SENSOR WIRING							
Plug Detail	Plug P/N	Plug "P" No.	Plug Pin No.	Wire Color	Cable #	Function	Harness Assembly Part Number
	Plug = 025-28383-001	P30	1	Green	5	System #2 Compressor Motor Temperature	575-65662-318
			2	Red			
			3	Black			
			4	White			
			5	Drain	16	System #2 Flash Tank Level	575-65662-316
			6	White			
			7	Red			
			8	Black			
			9	Drain			
	Plug = 025-29185-001	P31	1	Black	13	System #2 Suction Temperature	575-65662-309
			2	Red			
			3	Drain			
	Plug = 025-28384-001	P32	1	Black	15	System #2 Discharge Temperature	575-65662-311
			2	Red			
			3	Drain			
			5	Green	20	System #2 Flash Tank Drain	575-65662-336
			6	Red			
			7	Black			
			8	White	21	System #2 Flash Tank Feed	575-65662-322
			9	Green			
			10	Red			
			11	Black			
			12	White			
	Plug = 025-28385-001	P33	1	White	17	System #2 Suction Pressure	575-65662-303
			2	Red			
			3	Black			
			4	Drain			
			6	White	18	System #2 Oil Pressure	575-65662-305
			7	Red			
			8	Black			
			9	Drain			
			11	White	19	System #2 Discharge Pressure	575-65662-307
			12	Red			
			13	Black			
			14	Drain	14	System #2 Oil Temperature	575-65662-301
			5	Black			
			10	Red			
			15	Drain			

**TABLE 67 - SENSOR HARNESS WIRING MODELS 0397, 1500 (PIN 9 = S, P, C)
MODELS 0357, 1380 (PIN 9 = E, V, D) (CONT'D)**

SYSTEM #3 SENSOR WIRING							
Plug Detail	Plug P/N	Plug "P" No.	Plug Pin No.	Wire Color	Cable #	Function	Harness Assembly Part Number
	Plug = 025-28383-002	P48	1	Green	26	System #3 Compressor Motor Temperature	575-65662-356
			2	Red			
			3	Black			
			4	White			
			5	Drain	30	System #3 Flash Tank Level	575-65662-355
			6	White			
			7	Red			
			8	Black			
			9	Drain			
	Plug = 025-29185-002	P49	1	Black	27	System #3 Suction Temperature	575-65662-353
			2	Red			
			3	Drain			
	Plug = 025-28384-002	P50	1	Black	29	System #3 Discharge Temperature	575-65662-354
			2	Red			
			3	Drain			
			5	Green	34	System #3 Flash Tank Drain	575-65662-357
			6	Red			
			7	Black			
			8	White	35	System #3 Flash Tank Feed	575-65662-358
			9	Green			
			10	Red			
			11	Black			
			12	White			
				Plug = 025-28385-002	P51	1	White
2	Red						
3	Black						
4	Drain						
6	White	32				System #3 Oil Pressure	575-65662-351
7	Red						
8	Black						
9	Drain						
11	White	33				System #3 Discharge Pressure	575-65662-352
12	Red						
13	Black						
14	Drain						
5	Black	28				System #3 Oil Temperature	575-65662-349
10	Red						
15	Drain						

**TABLE 67 - SENSOR HARNESS WIRING MODELS 0397, 1500 (PIN 9 = S, P, C)
MODELS 0357, 1380 (PIN 9 = E, V, D) (CONT'D)**

UNIT SENSOR WIRING							
Plug Detail	Plug P/N	Plug "P" No.	Plug Pin No.	Wire Color	Cable #	Function	Harness Assembly Part Number
	Plug = 025-21192-000	P25	1	Black	1	Leaving Water Temperature	575-65662-333
			2	Red			
			3	Drain			
			4	Black	2	Entering Water Temperature	575-65662-334
			5	Red			
			6	Drain			
			7	Black	3	Outside Air Temperature	575-65662-314
			8	Red			
			9	Drain			

UNIT CONTROL WIRING						
Plug Detail	Plug P/N	Plug "P" No.	Plug Pin No.	Wire Number	Function	Harness Assembly Part Number
	Plug = 025-21417-000	P36	1	2	Cooler Heater	575-65662-225
			2	29		
			3	34		
			4	Ground		

TABLE 68 - SENSOR HARNESS WIRING MODELS 0457, 1649

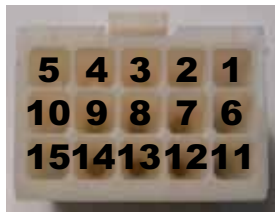
SYSTEM #1 SENSOR WIRING							
Plug Detail	Plug P/N	Plug "P" No.	Plug Pin No.	Wire Color	Cable #	Function	Harness Assembly Part Number
	Plug = 025-28383-000	P26	1	Green	4	System #1 Compressor Motor Temperature	575-65662-317
			2	Red			
			3	Black			
			4	White			
			5	Drain	9	System #1 Flash Tank Level	575-65662-315
			6	White			
			7	Red			
			8	Black			
			9	Drain			
	Plug = 025-29185-000	P27	1	Black	6	System #1 Suction Temperature	575-65662-308
			2	Red			
			3	Drain			
	Plug = 025-28384-000	P28	1	Black	8	System #1 Discharge Temperature	575-65662-310
			2	Red			
			3	Drain			
			5	Green	22	System #1 Flash Tank Drain	575-94003-322
			6	Red			
			7	Black			
			8	White			
			9	Green	23	System #1 Flash Tank Feed	575-65662-320
			10	Red			
			11	Black			
			12	White			
				Plug = 025-28385-000	P29	1	White
2	Red						
3	Black						
4	Drain						
6	White	11				System #1 Oil Pressure	575-65662-304
7	Red						
8	Black						
9	Drain						
11	White	12				System #1 Discharge Pressure	575-65662-306
12	Red						
13	Black						
14	Drain						
5	Black	7				System #1 Oil Temperature	575-65662-300
10	Red						
15	Drain						

TABLE 68 - SENSOR HARNESS WIRING MODELS 0457, 1649 (CONT'D)

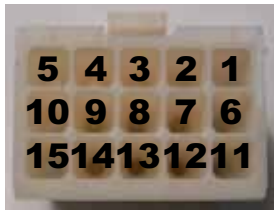
SYSTEM #2 SENSOR WIRING							
Plug Detail	Plug P/N	Plug "P" No.	Plug Pin No.	Wire Color	Cable #	Function	Harness Assembly Part Number
	Plug = 025-28383-001	P30	1	Green	5	System #2 Compressor Motor Temperature	575-65662-318
			2	Red			
			3	Black			
			4	White			
			5	Drain			
			6	White	16	System #2 Flash Tank Level	575-65662-316
			7	Red			
			8	Black			
			9	Drain			
	Plug = 025-29185-001	P31	1	Black	13	System #2 Suction Temperature	575-65662-309
			2	Red			
			3	Drain			
	Plug = 025-28384-001	P32	1	Black	15	System #2 Discharge Temperature	575-65662-311
			2	Red			
			3	Drain			
			5	Green	20	System #2 Flash Tank Drain	575-94003-323
			6	Red			
			7	Black			
			8	White			
			9	Green	21	System #2 Flash Tank Feed	575-65662-322
			10	Red			
			11	Black			
			12	White			
				Plug = 025-28385-001	P33	1	White
2	Red						
3	Black						
4	Drain						
6	White	18				System #2 Oil Pressure	575-65662-305
7	Red						
8	Black						
9	Drain						
11	White	19				System #2 Discharge Pressure	575-65662-307
12	Red						
13	Black						
14	Drain						
5	Black	14				System #2 Oil Temperature	575-65662-301
10	Red						
15	Drain						

TABLE 68 - SENSOR HARNESS WIRING MODELS 0457, 1649 (CONT'D)

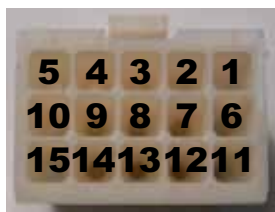
SYSTEM #3 SENSOR WIRING							
Plug Detail	Plug P/N	Plug "P" No.	Plug Pin No.	Wire Color	Cable #	Function	Harness Assembly Part Number
	Plug = 025-28383-002	P48	1	Green	26	System #3 Compressor Motor Temperature	575-94003-300
			2	Red			
			3	Black			
			4	White			
			5	Drain			
			6	White	30	System #3 Flash Tank Level	575-94003-301
			7	Red			
			8	Black			
			9	Drain			
	Plug = 025-29185-002	P49	1	Black	27	System #3 Suction Temperature	575-94003-302
			2	Red			
			3	Drain			
	Plug = 025-28384-002	P50	1	Black	29	System #3 Discharge Temperature	575-94003-303
			2	Red			
			3	Drain			
			5	Green	34	System #3 Flash Tank Drain	575-94003-304
			6	Red			
			7	Black			
			8	White	35	System #3 Flash Tank Feed	575-94003-305
			9	Green			
			10	Red			
			11	Black			
			12	White			
				Plug = 025-28385-002	P51	1	White
2	Red						
3	Black						
4	Drain						
6	White	32				System #3 Oil Pressure	575-94003-307
7	Red						
8	Black						
9	Drain						
11	White	33				System #3 Discharge Pressure	575-94003-308
12	Red						
13	Black						
14	Drain						
5	Black	28				System #3 Oil Temperature	575-94003-309
10	Red						
15	Drain						

TABLE 68 - SENSOR HARNESS WIRING MODELS 0457, 1649 (CONT'D)

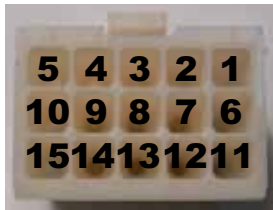
SYSTEM #4 SENSOR WIRING							
Plug Detail	Plug P/N	Plug "P" No.	Plug Pin No.	Wire Color	Cable #	Function	Harness Assembly Part Number
	Plug = 025-28383-003	P52	1	Green	37	System #4 Compressor Motor Temperature	575-94003-310
			2	Red			
			3	Black			
			4	White			
			5	Drain			
			6	White	41	System #4 Flash Tank Level	575-94003-311
			7	Red			
			8	Black			
			9	Drain			
	Plug = 025-29185-003	P53	1	Black	38	System #4 Suction Temperature	575-94003-312
			2	Red			
			3	Drain			
	Plug = 025-28384-003	P54	1	Black	40	System #4 Discharge Temperature	575-94003-313
			2	Red			
			3	Drain			
			5	Green	45	System #4 Flash Tank Drain	575-94003-314
			6	Red			
			7	Black			
			8	White			
			9	Green	46	System #4 Flash Tank Feed	575-94003-315
			10	Red			
			11	Black			
			12	White			
				Plug = 025-28385-003	P55	1	White
2	Red						
3	Black						
4	Drain						
6	White	43				System #4 Oil Pressure	575-94003-317
7	Red						
8	Black						
9	Drain						
11	White	44				System #4 Discharge Pressure	575-94003-318
12	Red						
13	Black						
14	Drain						
5	Black	39				System #4 Oil Temperature	575-94003-319
10	Red						
15	Drain						

TABLE 68 - SENSOR HARNESS WIRING MODELS 0457, 1649 (CONT'D)

UNIT SENSOR WIRING							
Plug Detail	Plug P/N	Plug "P" No.	Plug Pin No.	Wire Color	Cable #	Function	Harness Assembly Part Number
	Plug = 025-21192-000	P25	1	Black	1	Leaving Water Temperature	575-94003-320
			2	Red			
			3	Drain			
			4	Black	2	Entering Water Temperature	575-94003-321
			5	Red			
			6	Drain			
			7	Black	3	Outside Air Temperature	575-94003-314
			8	Red			
			9	Drain			

UNIT CONTROL WIRING						
Plug Detail	Plug P/N	Plug "P" No.	Plug Pin No.	Wire Number	Function	Harness Assembly Part Number
	Plug = 025-21417-000	P36	1	2	Cooler Heater	575-94003-203
			2	29		
			3	34		
			4	Ground		

TABLE 69 - CABLE DATA

SYSTEM #1 SENSOR WIRING (571-04179-291)														
FUNCTION	YORK PART AND DESCRIPTION	WIRE COLOR	PLUG PIN NO.	TERMINATION END X PLUG AND PIN P/N	PLUG PIN NO.	TERMINATION END Y PLUG AND PIN P/N								
Sys. 1 Motor Temp	025-32940-000 Wire 4 Condr. w/foil shields and drain wire 20 Awg	Green	1	J26 Cap = 025-34537-000 Pin = 025-30999-000	1	P19 Plug = 025-39839-000 Pin = 025-28386-000								
		Red	2		2									
		Black	3		3									
		White	4		4									
		Drain	5		5									
Sys. 1 Flash Tank Level	025-30463-003 Wire 3 Condr. W/ Foil Shields and Drain Wire 20 Awg	White	6		6	P21 Plug = 025-34533-000 Pin = 025-28386-000								
		Red	7		18									
		Black	8											
		Drain	9		17									
Sys. 1 Suc Temp.	025-30463-002 Wire 2 Condr. W/Foil Shields and Drain Wire 20 Awg	Black	1	J27 Plug = 025-39838-000 Pin = 025-30999-000	13		P21 Plug = 025-34533-000 Pin = 025-28386-000							
		Red	2		1									
		Drain	3		2									
Sys. 1 Suction Press	025-30463-003 Wire 3 Condr. W/ Foil Shields and Drain Wire 20 Awg	White	1	J29 Cap = 025-34539-000 Pin = 025-30999-000	20			P21 Plug = 025-34533-000 Pin = 025-28386-000						
		Red	2		8									
		Black	3		7									
		Drain	4		19									
Sys. 1 Oil Pressure	025-30463-003 Wire 3 Condr. W/ Foil Shields and Drain Wire 20 Awg	White	6		J29 Cap = 025-34539-000 Pin = 025-30999-000				22	P21 Plug = 025-34533-000 Pin = 025-28386-000				
		Red	7						10					
		Black	8						9					
		Drain	9						21					
Sys. 1 Disch Press	025-30463-003 Wire 3 Condr. W/ Foil Shields and Drain Wire 20 Awg	White	11						J29 Cap = 025-34539-000 Pin = 025-30999-000		24	P21 Plug = 025-34533-000 Pin = 025-28386-000		
		Red	12								12			
		Black	13								11			
		Drain	14								23			
Sys. 1 Oil Temp	025-30463-002 Wire 2 Condr. W/Foil Shields and Drain Wire 20 Awg	Black	5								J29 Cap = 025-34539-000 Pin = 025-30999-000		3	P21 Plug = 025-34533-000 Pin = 025-28386-000
		Red	10										15	
		Drain	15										14	
Sys. 1 Disch Temp	025-30463-002 Wire 2 Condr. W/Foil Shields and Drain Wire 20 Awg	Black	1	J29 Cap = 025-34539-000 Pin = 025-30999-000		16							P21 Plug = 025-34533-000 Pin = 025-28386-000	
		Red	2			4								
		Drain	3			5								
Sys. 1 Flash Tank Drain	025-32940-000 Wire 4 Condr. w/foil shields and drain wire 20 Awg	Green	5			J28 Cap = 025-34147-000 Pin = 025-30999-000								
		Red	6		2D									
		Black	7		1C									
		White	8		2C									
		Drain												
Sys. 1 Flash Tank Feed	025-32940-000 Wire 4 Condr. w/foil shields and drain wire 20 Awg	Green	9		J28 Cap = 025-34147-000 Pin = 025-30999-000		1B	Valve Control #1 Strip 1/4, (Drain Cut)						
		Red	10				2B							
		Black	11				1A							
		White	12				2A							
		Drain												
Sys. 1 Flash Tank Feed and Drain	025-32940-000 Wire 4 Condr. w/foil shields and drain wire 20 Awg	Red	1				P15 Plug = 025-19514-000 Pin = 025-19674-000		A1+	Valve Control #1 Strip 1/4, (Drain Cut)				
		Black	2						A1-					
		White	3	A2+										
		Green	4	A2-										
		Drain												

TABLE 69 - CABLE DATA (CONT'D)

SYSTEM #2 SENSOR WIRING (571-04179-291)						
FUNCTION	YORK PART AND DESCRIPTION	WIRE COLOR	PLUG PIN NO.	TERMINATION END X PLUG AND PIN P/N	PLUG PIN NO.	TERMINATION END Y PLUG AND PIN P/N
Sys. 2 Motor Temp	025-32940-000 Wire 4 Condr. w/foil shields and drain wire 20 Awg	Green	1	J30 Cap = 025-34537-001 Pin = 025-30999-000	6	P19 Plug = 025-39839-000 Pin = 025-28386-000
		Red	2		7	
		Black	3		8	
		White	4		9	
		Drain	5		10	
Sys. 2 Flash Tank Level	025-30463-003 Wire 3 Condr. W/ Foil Shields and Drain Wire 20 Awg	White	6	J31 Cap = 025-39838-000 Pin = 025-30999-000	6	P22 Plug = 025-34533-000 Pin = 025-28386-000
		Red	7		18	
		Black	8		17	
		Drain	9		13	
Sys. 2 Suc Temp.	025-30463-002 Wire 2 Condr. W/Foil Shields and Drain Wire 20 Awg	Black	1	J33 Cap = 025-34539-001 Pin = 025-30999-000	1	
		Red	2		2	
		Drain	3		20	
Sys. 2 Suction Press	025-30463-003 Wire 3 Condr. W/ Foil Shields and Drain Wire 20 Awg	White	1	J32 Cap = 025-34147-001 Pin = 025-30999-000	8	
		Red	2		7	
		Black	3		19	
		Drain	4		22	
Sys. 2 Oil Pressure	025-30463-003 Wire 3 Condr. W/ Foil Shields and Drain Wire 20 Awg	White	6	J32 Cap = 025-34147-001 Pin = 025-30999-000	10	
		Red	7		9	
		Black	8		21	
		Drain	9		24	
Sys. 2 Disch Press	025-30463-003 Wire 3 Condr. W/ Foil Shields and Drain Wire 20 Awg	White	11	J32 Cap = 025-34147-001 Pin = 025-30999-000	12	
		Red	12		11	
		Black	13		23	
		Drain	14		3	
Sys. 2 Oil Temp	025-30463-002 Wire 2 Condr. W/Foil Shields and Drain Wire 20 Awg	Black	5	J32 Cap = 025-34147-001 Pin = 025-30999-000	15	
		Red	10		14	
		Drain	15		16	
Sys. 2 Disch Temp	025-30463-002 Wire 2 Condr. W/Foil Shields and Drain Wire 20 Awg	Black	1	J32 Cap = 025-34147-001 Pin = 025-30999-000	4	
		Red	2		5	
		Drain	3		1H	
Sys. 2 Flash Tank Drain	025-32940-000 Wire 4 Condr. w/foil shields and drain wire 20 Awg	Green	5	J32 Cap = 025-34147-001 Pin = 025-30999-000	2H	Valve Controller Strip 1/4, (Drain Cut)
		Red	6		1G	
		Black	7		2G	
		White	8		1F	
		Drain	8		2F	
Sys. 2 Flash Tank Feed	025-32940-000 Wire 4 Condr. w/foil shields and drain wire 20 Awg	Green	9	J32 Cap = 025-34147-001 Pin = 025-30999-000	1E	
		Red	10		2E	
		Black	11		A3+	
		White	12		A3-	
		Drain	12		A4+	
Sys. 2 Flash Tank Feed & Drain	025-32940-000 Wire 4 Condr. w/foil shields and drain wire 20 Awg	Red	5	P15 Plug = 025-19514-000 Pin = 025-19674-000	A4-	
		Black	6			
		White	7			
		Green	8			
		Drain	8			

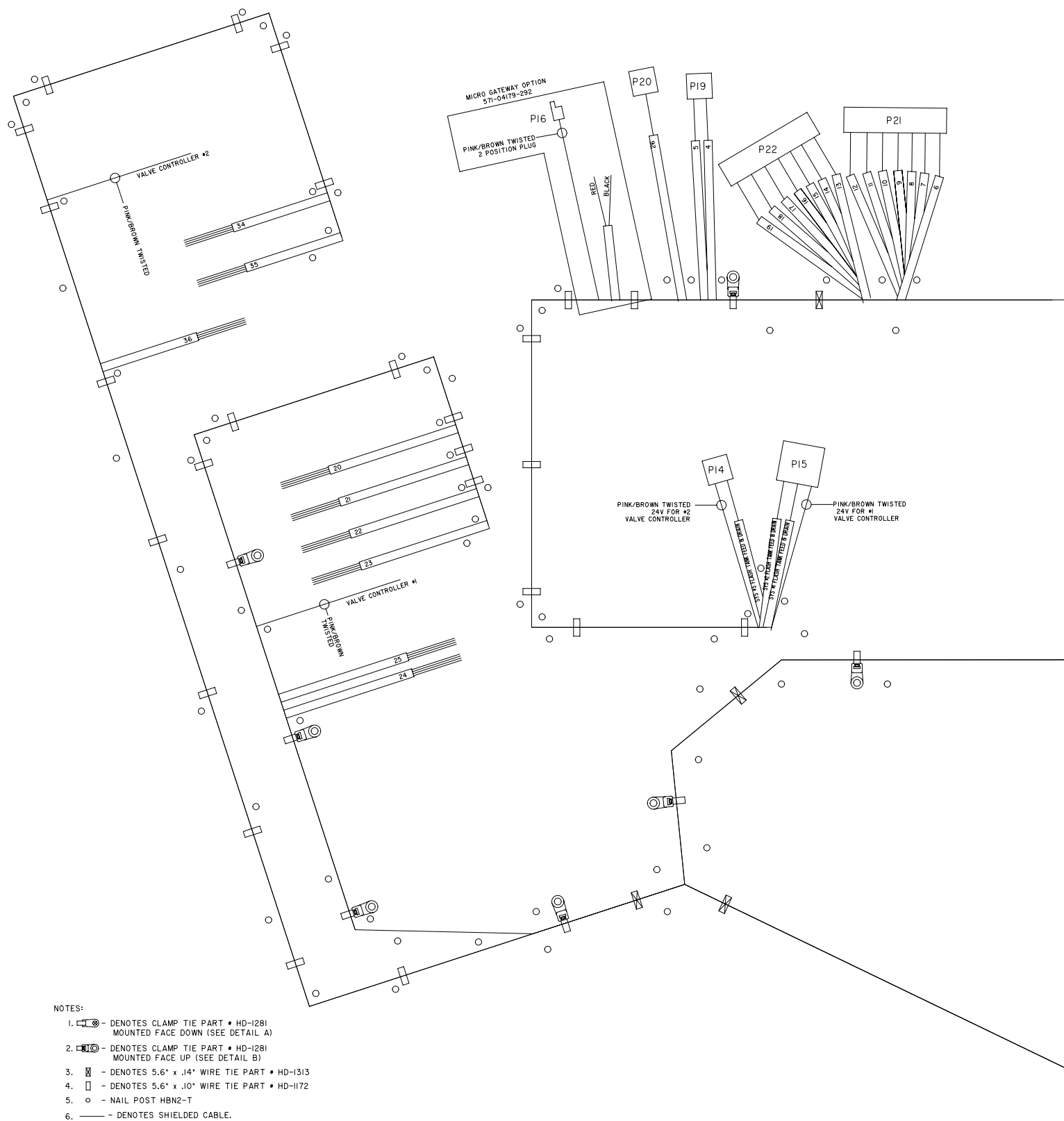
TABLE 69 - CABLE DATA (CONT'D)

SYSTEM #3 SENSOR WIRING (571-04179-291)						
FUNCTION	YORK PART AND DESCRIPTION	WIRE COLOR	PLUG PIN NO.	TERMINATION END X PLUG AND PIN P/N	PLUG PIN NO.	TERMINATION END Y PLUG AND PIN P/N
Sys. 3 Motor Temp	025-32940-000 Wire 4 Condr. w/foil shields and drain wire 20 Awg	Green	1	J48 Cap = 025-34537-002 Pin = 025-30999-000	1	P20 Plug = 025-39839-000 Pin = 025-28386-000
		Red	2		2	
		Black	3		3	
		White	4		4	
		Drain	5		5	
Sys. 3 Flash Tank Level	025-30463-003 Wire 3 Condr. W/ Foil Shields and Drain Wire 20 Awg	White	6	J49 Plug = 025-39838-000 Pin = 025-30999-000	6	P23 Plug = 025-34533-000 Pin = 025-28386-000
		Red	7		18	
		Black	8		17	
		Drain	9		13	
Sys. 3 Suc Temp.	025-30463-002 Wire 2 Condr. W/Foil Shields and Drain Wire 20 Awg	Black	1	J51 Cap = 025-34539-002 Pin = 025-30999-000	1	
		Red	2		2	
		Drain	3		20	
Sys. 3 Suction Press	025-30463-003 Wire 3 Condr. W/ Foil Shields and Drain Wire 20 Awg	White	1	J50 Cap = 025-34147-002 Pin = 025-30999-000	8	
		Red	2		7	
		Black	3		19	
		Drain	4		22	
Sys. 3 Oil Pressure	025-30463-003 Wire 3 Condr. W/ Foil Shields and Drain Wire 20 Awg	White	6	J49 Plug = 025-39838-000 Pin = 025-30999-000	10	
		Red	7		9	
		Black	8		21	
		Drain	9		24	
Sys. 3 Disch Press	025-30463-003 Wire 3 Condr. W/ Foil Shields and Drain Wire 20 Awg	White	11	J50 Cap = 025-34147-002 Pin = 025-30999-000	12	
		Red	12		11	
		Black	13		23	
		Drain	14		3	
Sys. 3 Oil Temp	025-30463-002 Wire 2 Condr. W/Foil Shields and Drain Wire 20 Awg	Black	5	J49 Plug = 025-39838-000 Pin = 025-30999-000	15	
		Red	10		14	
		Drain	15		16	
Sys. 3 Disch Temp	025-30463-002 Wire 2 Condr. W/Foil Shields and Drain Wire 20 Awg	Black	1	J50 Cap = 025-34147-002 Pin = 025-30999-000	4	Valve Controller # 2 Strip 1/4, (Drain Cut)
		Red	2		5	
		Drain	3		1D	
Sys. 3 Flash Tank Drain	025-32940-000 Wire 4 Condr. w/foil shields and drain wire 20 Awg	Green	5	J50 Cap = 025-34147-002 Pin = 025-30999-000	2D	
		Red	6		1C	
		Black	7		2C	
		White	8		1B	
		Drain	8		2B	
Sys. 3 Flash Tank Feed	025-32940-000 Wire 4 Condr. w/foil shields and drain wire 20 Awg	Green	9	J50 Cap = 025-34147-002 Pin = 025-30999-000	1A	
		Red	10		2A	
		Black	11		A1+	
		White	12		A1-	
		Drain	12		A2+	
Sys. 3 Flash Tank Feed & Drain	025-32940-000 Wire 4 Condr. w/foil shields and drain wire 20 Awg	Red	1	P14 Plug = 025-39839-000 Pin = 025-28386-000	A2-	
		Black	6			
		White	2			
		Green	7			
		Drain	7			

TABLE 69 - CABLE DATA (CONT'D)

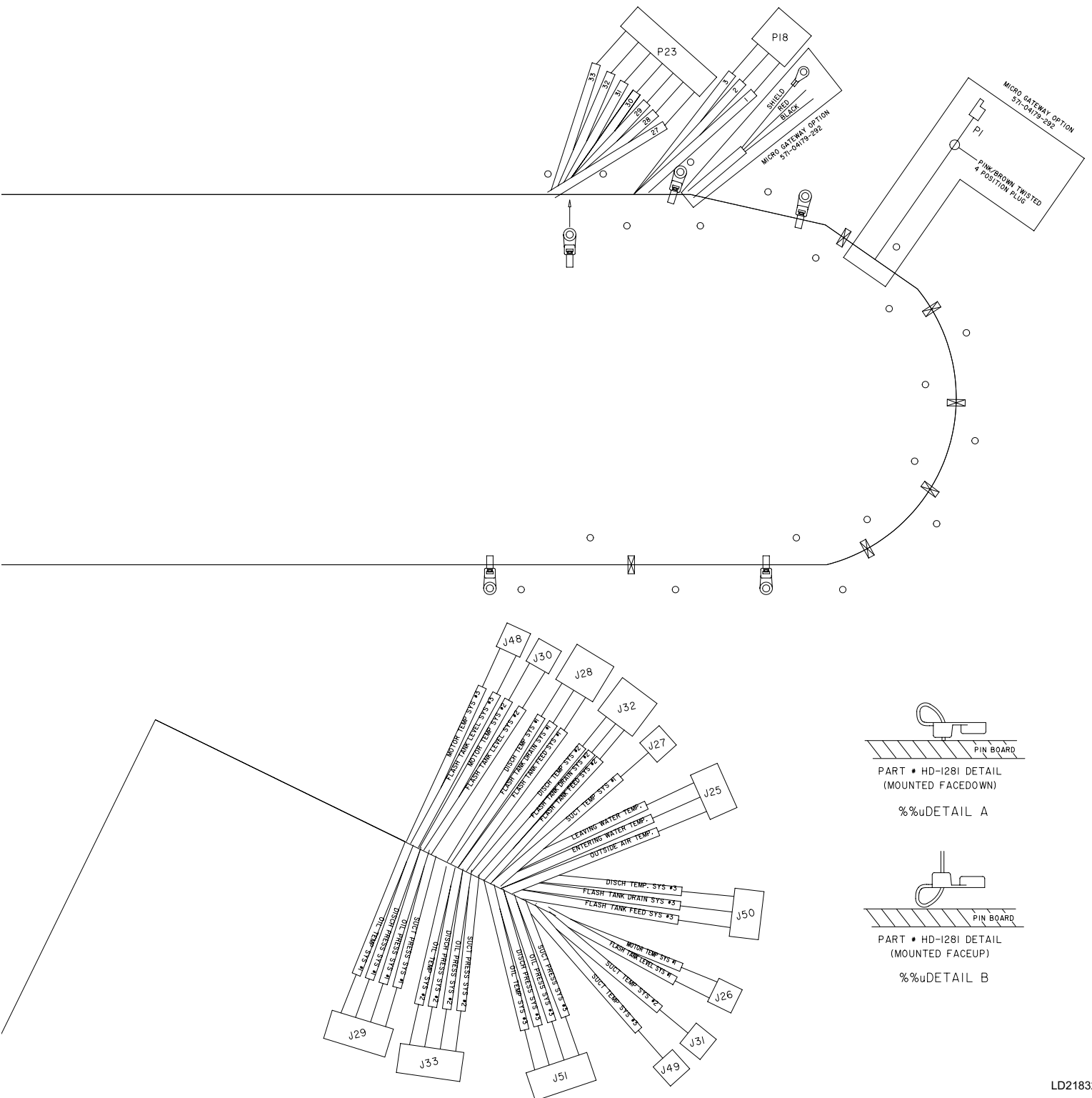
UNIT SENSOR WIRING (571-04179-291)						
FUNCTION	YORK PART AND DESCRIPTION	WIRE COLOR	PLUG PIN NO.	TERMINATION END X PLUG AND PIN P/N	PLUG PIN NO.	TERMINATION END Y PLUG AND PIN P/N
Leaving Water Temp	025-30463-002 Wire 2 Condr. w/Foil Shields and Drain Wire 20 Awg	Black	1	J25 Cap = 025-21191-000 Pin = 025-22214-000	7	P18 Plug = 025-28383-000 Pin = 025-28386-000
		Red	2		4	
		Drain	3		1	
Entering Water Temp	025-30463-002 Wire 2 Condr. w/Foil Shields and Drain Wire 20 Awg	Black	4		8	
		Red	5		5	
		Drain	6		2	
Outside Air Temp	025-30463-002 Wire 2 Condr. w/Foil Shields and Drain Wire 20 Awg	Black	7		9	
		Red	8		6	
		Drain	9		3	
24V For #1 Valve Controller	025-37800-000 Wire 2 Condr. Twisted 18 Awg	Pink	9	P15 Plug = 025-19514-000 Socket = 025-19674-000	24V	Valve Controller #1 (Strip 1/4)
		Brown	10	24V		
24V For #2 Valve Controller	025-37800-000 Wire 2 Condr. Twisted 18 Awg	Pink	5	P14 Plug = 025-39839-000 Socket = 025-28386-000	24V	Valve Controller #2 (Strip 1/4)
		Brown	10	24V		
OPTIONAL MICROGATEWAY (571-04179-292)						
FUNCTION	YORK PART AND DESCRIPTION	WIRE COLOR	PLUG PIN NO.	TERMINATION END X PLUG AND PIN P/N	PLUG PIN NO.	TERMINATION END Y PLUG AND PIN P/N
12V For Microgateway (Optional)	025-37800-000 Wire 2 Condr. Twisted 18 Awg	Pink	1	P16 Plug = 025-29130-000 Socket 025-28386-000	1	PI 025-28959-000
		Brown	2	2	Optional Microgateway Socket 025-28386-000	
Comms Cable Microgateway (Optional)	025-30463-002 Wire 2 Condr. w/Foil Shields and Drain Wire 20 Awg	Black	2	TB2 RS485 Control BD. (Strip 1/4)	-P2-1	TBI Optional Microgate- way (Strip 1/4)
		Red	3		-P3-1	
		Drain	4			

NOTE: Refer to Figure 49 on page 136.



LD21831

FIGURE 49 - PEGBOARD SHIELD CABLE



LD21832

FIGURE 49 - PEGBOARD SHIELD CABLE (CONT'D)

TABLE 70 - FIELD INSTALLED OPTIONS PART NUMBERS

MODEL NUMBER	STANDARD 150# FLOW SWITCH	OPTIONAL 300# FLOW SWITCH	CHICAGO RELIEF VALVE KIT (60 HZ ONLY)	WELD FLANGE KIT	VICTAULIC FLANGE KIT	DIFFERENTIAL PRESSURE SWITCH
MODEL #	024-39397	024-12144	375-	023-02336	023-19201	025-30919
0267/1050	-001	-000	71253-001	-000	-000	-000
0287/1070						
0287/1120						
0307/1180			71253-002			
0327/1220						
0357/1340			71253-003			
0357/1380			71253-002			
0397/1500			71253-003			
0457/1649				-		

TABLE 71 - CONTROL PANEL LANGUAGE KIT

LANGUAGE	PART NUMBER	SAP
Overlay,Keypad English	024-34930-021	986630
Overlay Keypad Spanish	024-34930-002	694233
Overlay Keypad French	024-34930-003	694217
Overlay Keypad German	024-34930-004	694218
Overlay Keypad Italian	024-34930-005	694231
Overlay Keypad Portuguese	024-34930-006	736120
Overlay Keypad Hungarian	024-34930-007	694220
Overlay Keypad Polish	024-34930-008	694232

TABLE 72 - IPLV OPTION

MODEL	PIN 9 =	
	S O R E	P, V, C O R D
0267/1050	031-02476-001	031-02476-002
0287/1070	031-02476-001	031-02476-002
0287/1120	031-02476-001	031-02476-002
0307/1180	031-02476-001	031-02476-002
0327/1220	031-02476-001	031-02476-002
0357/1340	031-02476-001	031-02476-002
0357/1380	031-02476-001	031-02476-002
0397/1500	031-02476-001	031-02476-002
0457/1649	031-02476-004	031-02476-004

TABLE 73 - CONSUMABLES

DESCRIPTION	PART NUMBER	SAP
Coolant, Propylene Glycol, 1 gal. non EU compliant	013-03345-000	729101
Coolant, Propylene Glycol, 5 gal. non EU compliant	013-03344-000	171119
Coolant, Propylene Glycol, 5 gal. EU compliant	013-03849-001	5163579
Sealer Threadlocker	013-03306-000	729096
Wire Tinned Copper Flat Braid	025-32509-000	738723
Tubing Heat Shrinkable	025-37838-000	739474
Comp Heat Conductive 4 oz	013-00898-000	616572
Strip 1/8 X 3/4 X Roll:	028-11995-000	741671
Sheet Steel .056 Min X 48 X	005-05150-001	728075
Adh Scotch Grip 1357	013-02297-000	616579
Tape Elec Ins 3/4 Wide	025-15093-000	686102
Rod BRZG	001-90863-000	727455
Wire BRZG	001-90586-000	727446
Refrigerant R-134A (Bulk)	011-00569-000	728994
Rod BRZG Filler Met 3/32	001-04708-000	615520
Rod BRZG Filler Met 3/32	001-06094-000	727299
Oil Compr York Oil "L"	011-00591-000	728997
Sealer Refrigerant Pipe	013-02894-000	588490

* For All Europe-bound YCIV chiller built after October 7th, 2015, the Coolant / Glycol charged into VSD cooling system is European compliant Dowcal 200 (013-03849-001), for either service or maintenance purpose, top-off or replace the coolant with "Dowcal 200" only; for YCIV chiller built before that day, Dowfrost HD (013-03344-000) was charged, for topping-up just use Dowfrost HD, however, for maintenance, replace the coolant by either "Dowcal 200" or "Dowfrost HD" but do not mix them.

For all other regions, Use Dowfrost HD (013-03344-000) only, 013-03345-000 is 013-03344-000 one gallon package.

NOTE



5000 Renaissance Drive, New Freedom, Pennsylvania USA 17349
Copyright © by Johnson Controls 2023
Form 201.23-RP3 (623)
Issue Date: June 12, 2023
Supersedes: 201.23-RP3 (918)

800-861-1001
www.johnsoncontrols.com

Subject to change without notice. Printed in USA
ALL RIGHTS RESERVED