

	AIR-COOLED SCREW LIQUID CHILLERS	
SUPPLEMENTAL PARTS LIST	Supersedes: 201.31-RP1.1 (717)	Form 201.31-RP1.1 (218)

**MODEL YVFA STYLE A OPEN LOOP
WITH VARIABLE SPEED DRIVE
AND FREE COOLING**

**2 COMPRESSOR
50 AND 60 HZ**



R-134A



Issue Date:
February 14, 2018



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:



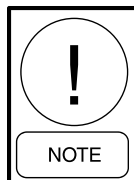
Indicates a possible hazardous situation which will result in death or serious injury if proper care is not taken.



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 website at Knowledge Exchange <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.

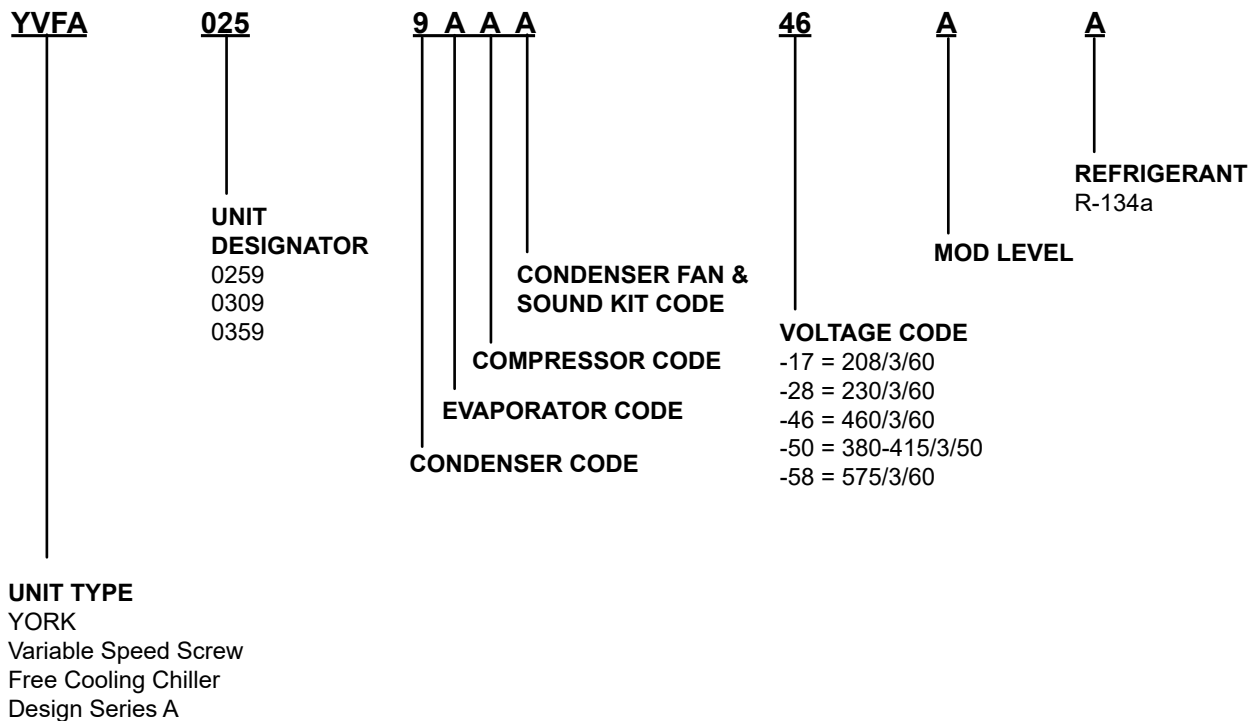
For North America, contact the following:

- 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)

NOMENCLATURE



ABBREVIATIONS	
SCR	Silicone Controlled Rectifier
VSD	Variable Speed Drive
PWM	Pulse Width Modulator
RES	Resistor
IGBT	Insulator Gate Bipolar Transistor
LED	Light Emitting Diode
FLA	Full Load Amps
k	1,000
TP	Test Point
OL	Over Load
MOD	Module
DSP	Digital Signal Processors
MTR	Motor
RCV	Receive
XMT	Transmit
VI	Variable Volume Index

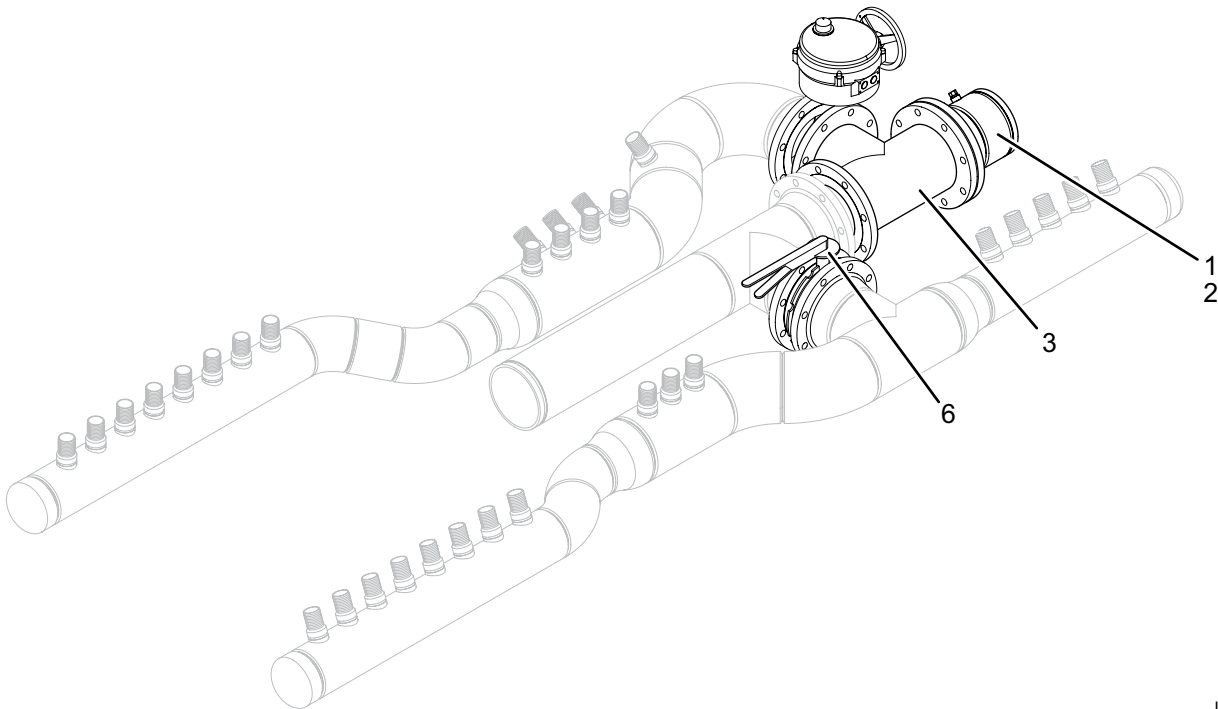
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UNIT COMPONENTS

TABLE 1 - FREE COOLING GLYCOL PIPING MODELS 0259, 0309 AND 0359

ITEM	MODELS	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
1	0259	Flange Rd Rf 150#Wn Std 6.00"	023-03608-000	617354	1	1
	0309/0359	Flange Rd Rf 150#Wn Std 8.00"	023-05203-000	617381	1	
2	0259	Gasket, Round Ansi 6.00-150#	028-15075-012	705347	3	1
	0309/0359	Gasket, Round Dn=11" CI150	028-15075-013	741977	1	
3	0259	Valve Isln Btfl Elec 6ln Flg Ci	023-26698-000	5160940	1	1
	0309/0359	Valve Isln Btfl Elec 8ln Flg Ci	023-26782-000	5176248	1	
6	0259	Valve Isln Btfl Lvr 6ln Flgfix Di	022-13070-006	5163848	1	1
	0309/0359	Valve Butterfly Size 8	022-10641-008	116119	1	

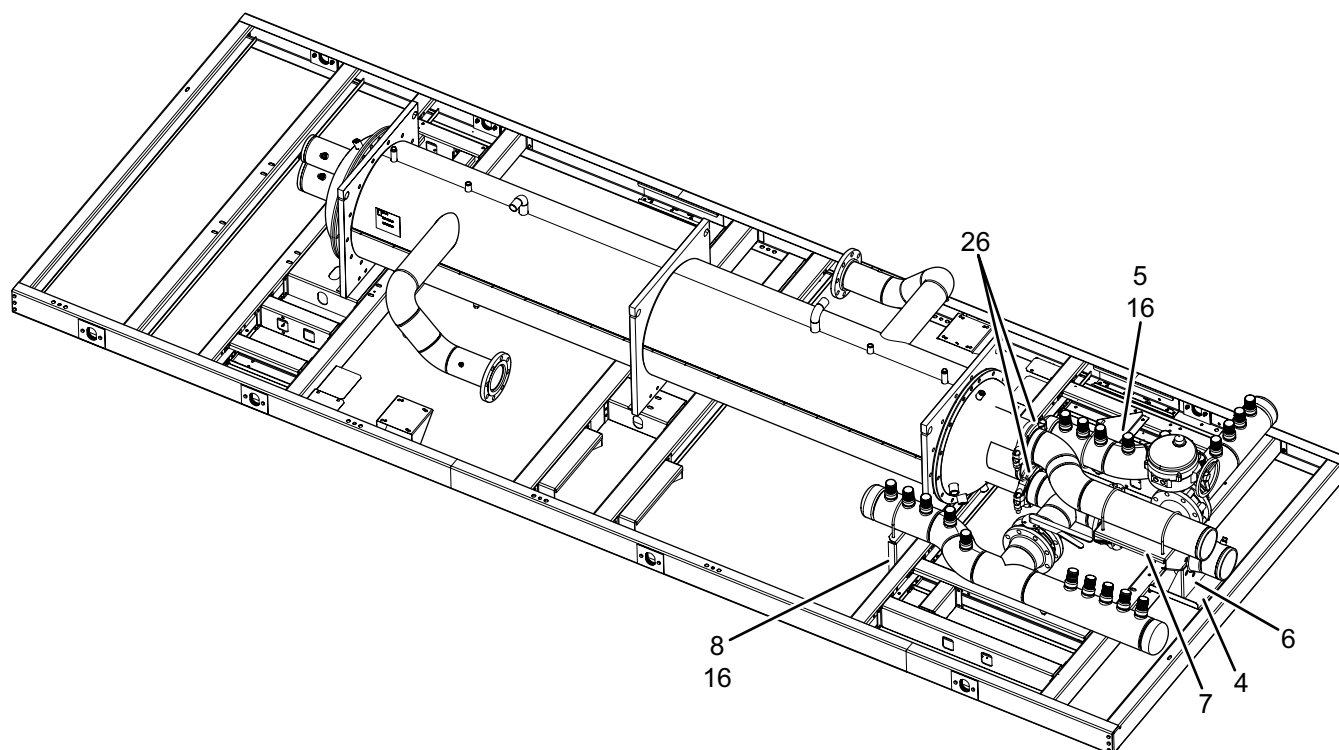


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FIGURE 1 - FREE COOLING GLYCOL PIPING

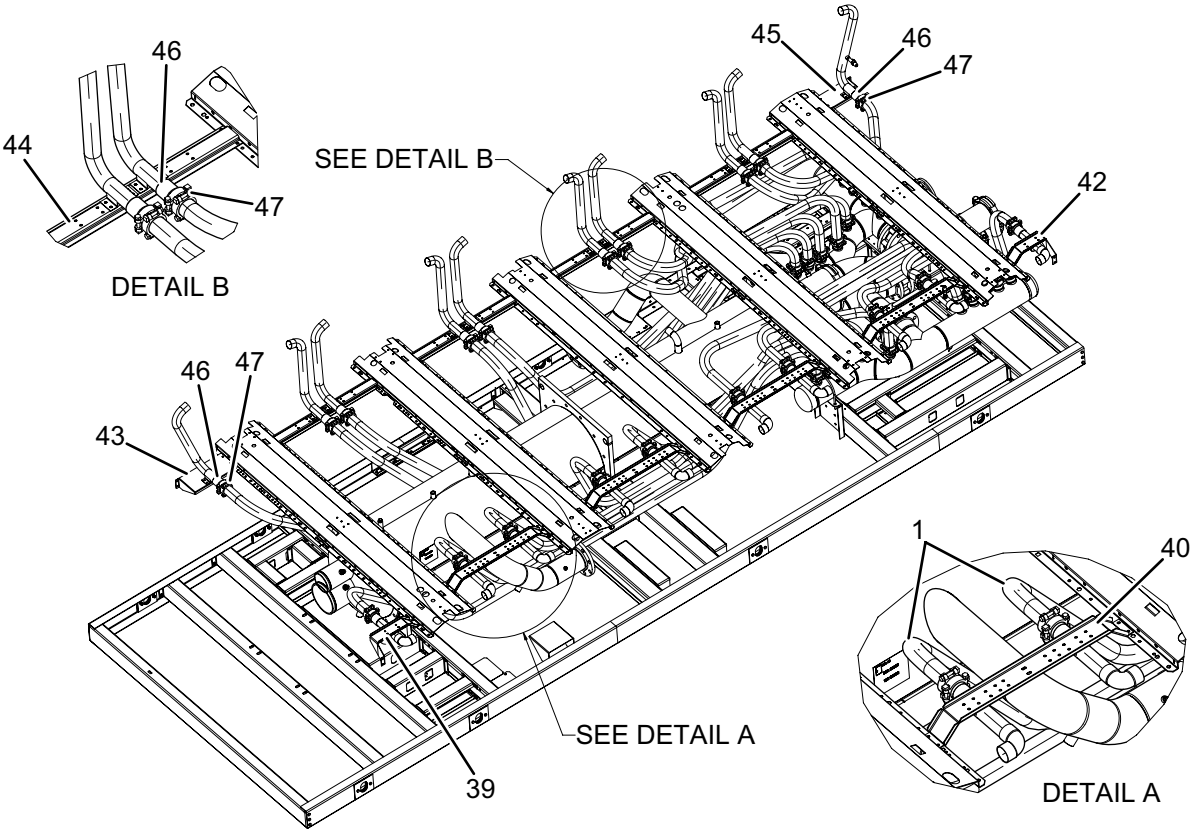
TABLE 2 - FREE COOLING PIPING MODELS 0159 AND 0209

ITEM	MODELS	DESCRIPTION	PART NUMBER	SAP NUMBER	FIGURE
1	0159	Hose Epdm Id=2.000In Black	028-17208-000	5176440	3
4	0159	Bracket Support Glycol Piping	092-18461-252	5260573	2
5	0159	Bracket Support Glycol Piping	092-18461-253	5260574	2
6	0159, 0209	Support Glycol Piping	092-30614-039	5258951	2
7	0159, 0209	Support Water Piping	092-30614-033	5221947	2
8	0159	Bracket Support Glycol Piping	092-18461-254	5260575	2
	0209		092-30614-041	5258952	
16	0159, 0209	Bolt U 3/8 Dia X 6-3/4	021-14334-000	729815	2
26	0159, 0209	Flexible Coupling Victaulic 6	023-23834-003	435474	2
39	0159, 0209	Bracket Glycol Piping	092-30614-068	5353112	3
40	0159, 0209	Bracket Glycol Piping	092-30614-062	5353108	3
42	0159, 0209	Bracket Glycol Piping	092-30614-069	5353113	3
43	0159, 0209	Bracket Glycol Piping	092-30614-065	5353111	3
44	0159, 0209	Bracket Glycol Piping	092-30614-063	5353109	3
45	0159, 0209	Bracket Glycol Piping	092-30614-064	5353110	3
46	0159, 0209	Barb Hose 2" X 2-1/8 Solder	092-18461-209	5176478	3
47	0159, 0209	Clamp Dble Blt 58.7 - 66.7Mm Cs	021-34347-000	5176247	3
56	0159, 0209	Valve, Charging Brass	022-09754-000	391983	3



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FIGURE 2 - FREE COOLING PIPING MODELS 0159 AND 0209

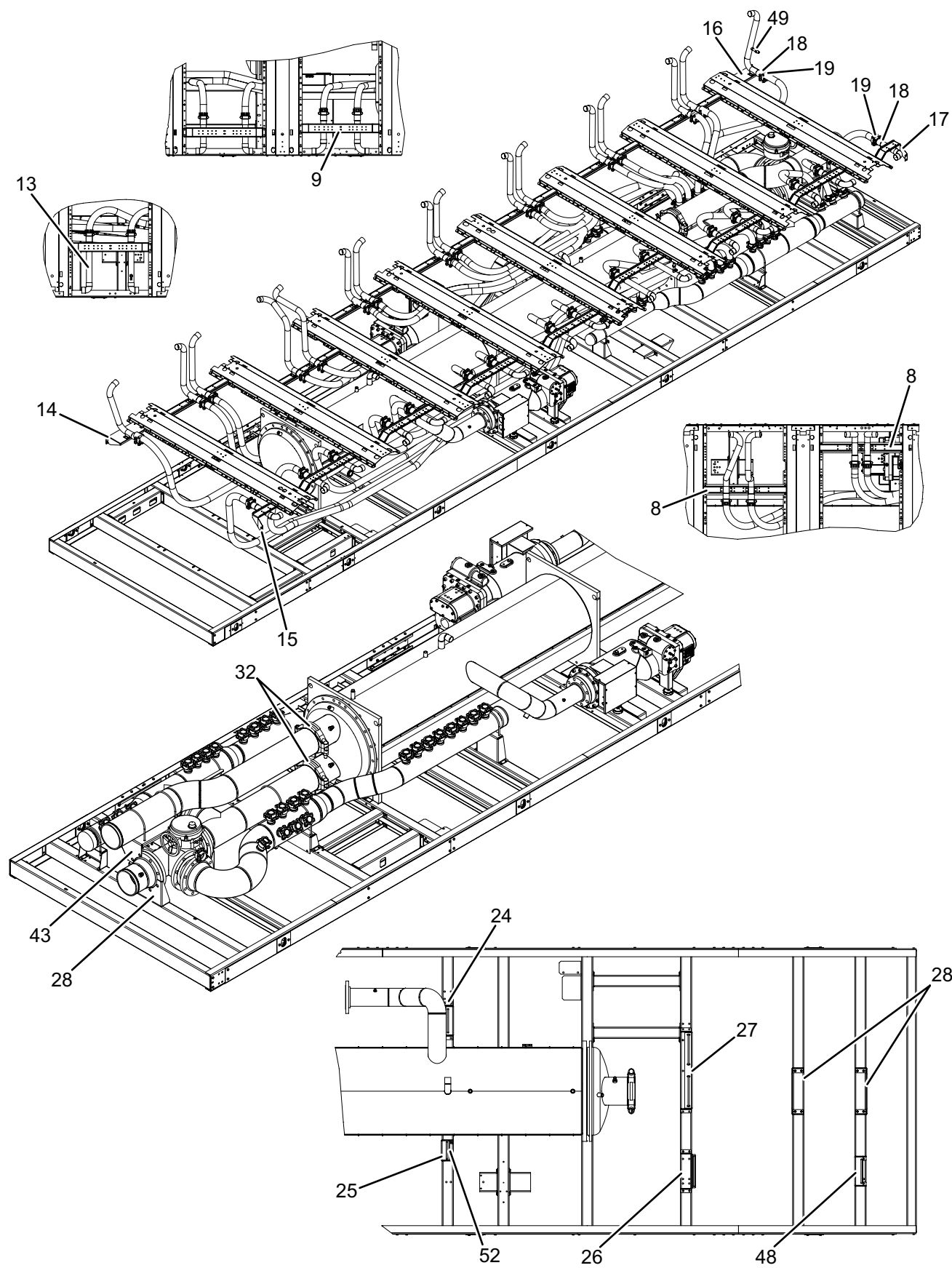


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FIGURE 3 - FREE COOLING PIPING MODELS 0159 AND 0209

TABLE 3 - FREE COOLING PIPING MODELS 0289

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
8	Bracket Glycol Piping	092-30614-063	5353109	7	4
9	Bracket Glycol Piping	092-30614-062	5353108	7	4
10	Bolt U 3/8 Dia X 8-3/4	021-16734-000	729972	5	4
14	Bracket Glycol Piping	092-30614-065	5353111	1	4
15	Bracket Glycol Piping	092-30614-068	5353112	1	4
16	Bracket Glycol Piping	092-30614-064	5353110	1	4
17	Bracket Glycol Piping	092-30614-069	5353113	1	4
18	Barb Hose 2" X 2-1/8 Solder	092-18461-209	5176478	32'	4
19	Clamp Dble Blt 58.7 - 66.7Mm Cs	021-34347-000	5176247	128	4
24	Support Glycol Piping	092-30614-008	5176481	1	4
25	Bracket Support Glycol Piping	092-30614-043	5263002	1	4
26	Support Glycol Piping	092-30614-010	5176483	1	4
27	Support Glycol Piping	092-30614-004	5176479	1	4
28	Support Glycol Piping	092-30614-005	5176480	2	4
32	Flexible Coupling Victaulic 8"	023-23834-004	435126	2	4
43	Support Glycol Piping	092-30614-016	5176489	1	4
48	Bracket Support Glycol Piping	092-30614-019	5190629	1	4
49	Valve, Charging Brass	022-09754-000	391983	2	4
52	Bolt U 3/8 Dia X 4-5/8	021-18755-000	401673	1	4

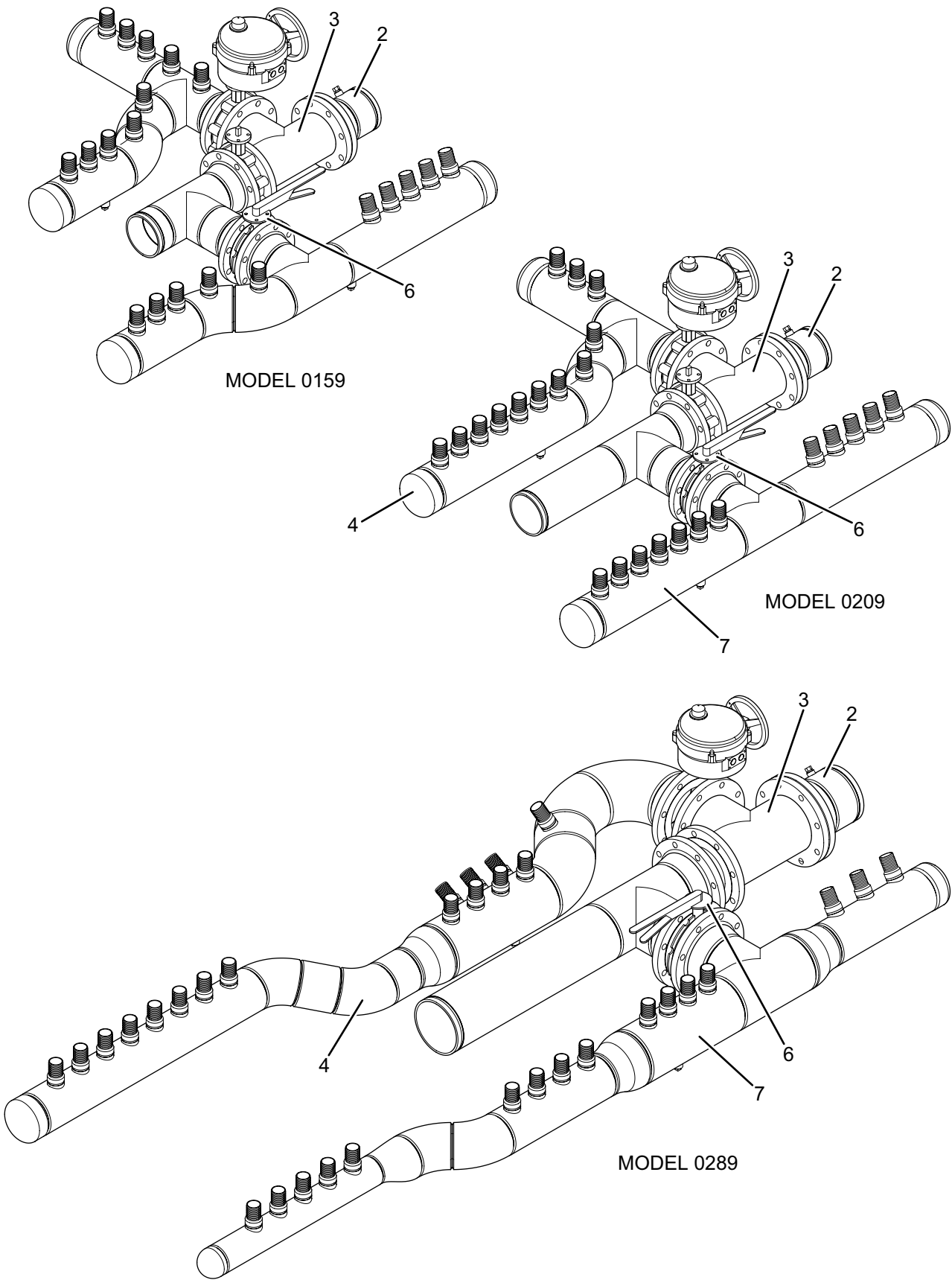


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FIGURE 4 - FREE COOLING PIPING MODEL 0289

TABLE 4 - GLYCOL PIPING STEEL

ITEM	MODELS	DESCRIPTION	PART NUMBER	SAP NUMBER	FIGURE
2	0159, 0209	Gasket Round DN=8-3/4in CL150	028-15075-012	705347	5
	0289	Valve ISLN BTFL ELEC 8in FLG CI	023-26782-000	5176248	
3	0159, 0209	Valve ISLN BTFL ELEC 6in FLG CI	023-26698-000	5160940	5
	0289	Valve ISLN BTFL ELEC 8in FLG CI	023-26782-000	5176248	
4	0209, 0289	Piping Assy Glycol Inlet	392-18464-029	5258960	5
		Barb Hose Weld 2"	023-27789-000	5176249	
6	0159, 0209	Valve ISLN BTFL LVR 6in FLGfix DI	022-10641-006	116118	5
	0289	Valve ISLN BTFL LVR 8in FLGfix DI	022-10641-008	116119	
7	0209, 0289	Piping Assy Glycol Return	392-18464-028	5258659	5
		Barb Hose Weld 2"	023-27789-000	5176249	



LD22473

FIGURE 5 - GLYCOL PIPING STEEL

TABLE 5 - COIL MODULE

ITEM	PIN 50 =	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
2	M	COIL, POST-COATED MICROCHANNEL	326-46798-001	5292397	2	7
	N		326-46798-000	696081		
	T		326-46798-001	529397		
39	M, N	COIL, POST COATED GLYCOL	326-48199-000	1187123	2	6, 7
	T		326-48199-000	1187123		
53	M, N, T	COIL, FREE COOLING GLYCOL	392-18458-102	5143893	1	6, 7
54	M, N, T	COIL, FREE COOLING GLYCOL	392-18458-101	5143892	1	6, 7

NOTE: Items with an * are NOT represented.

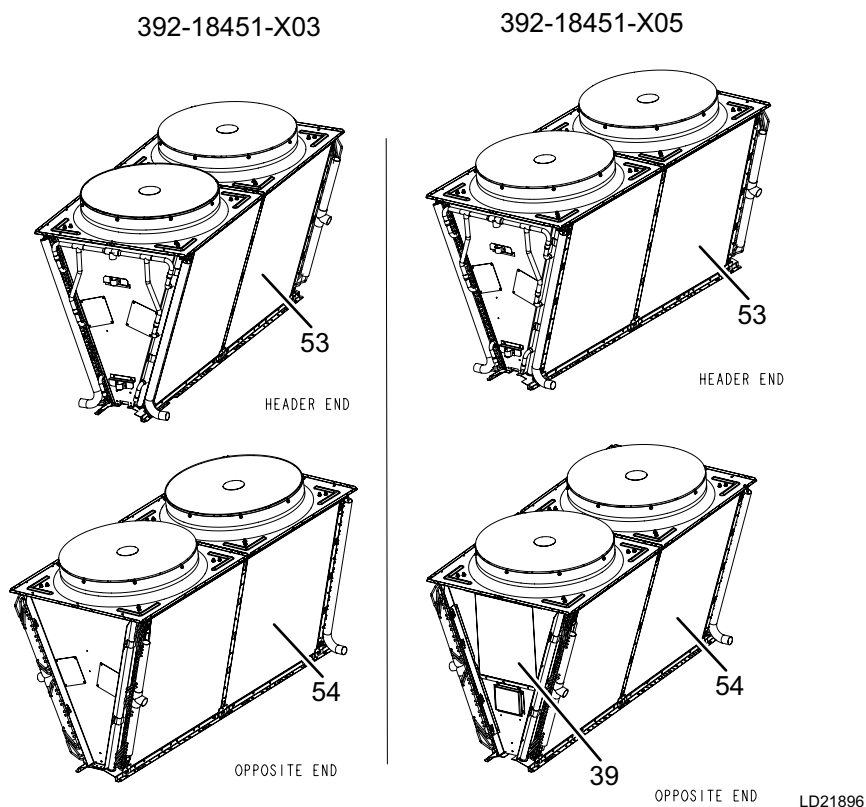
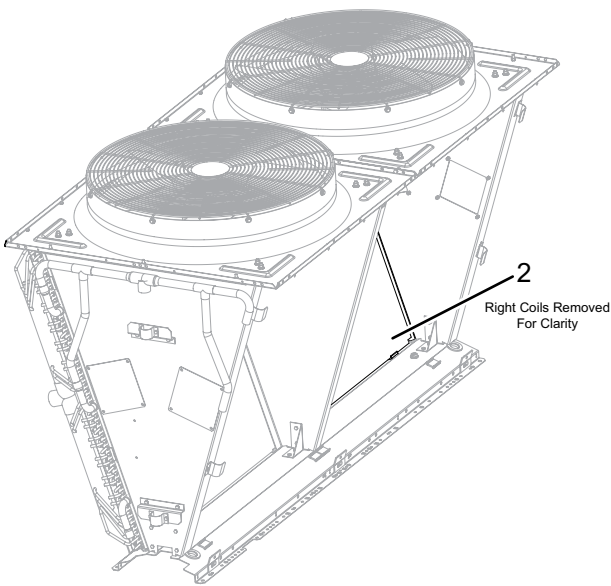


FIGURE 6 - COIL MODULE



392-18451-X00

392-18451-X01

392-18451-X02

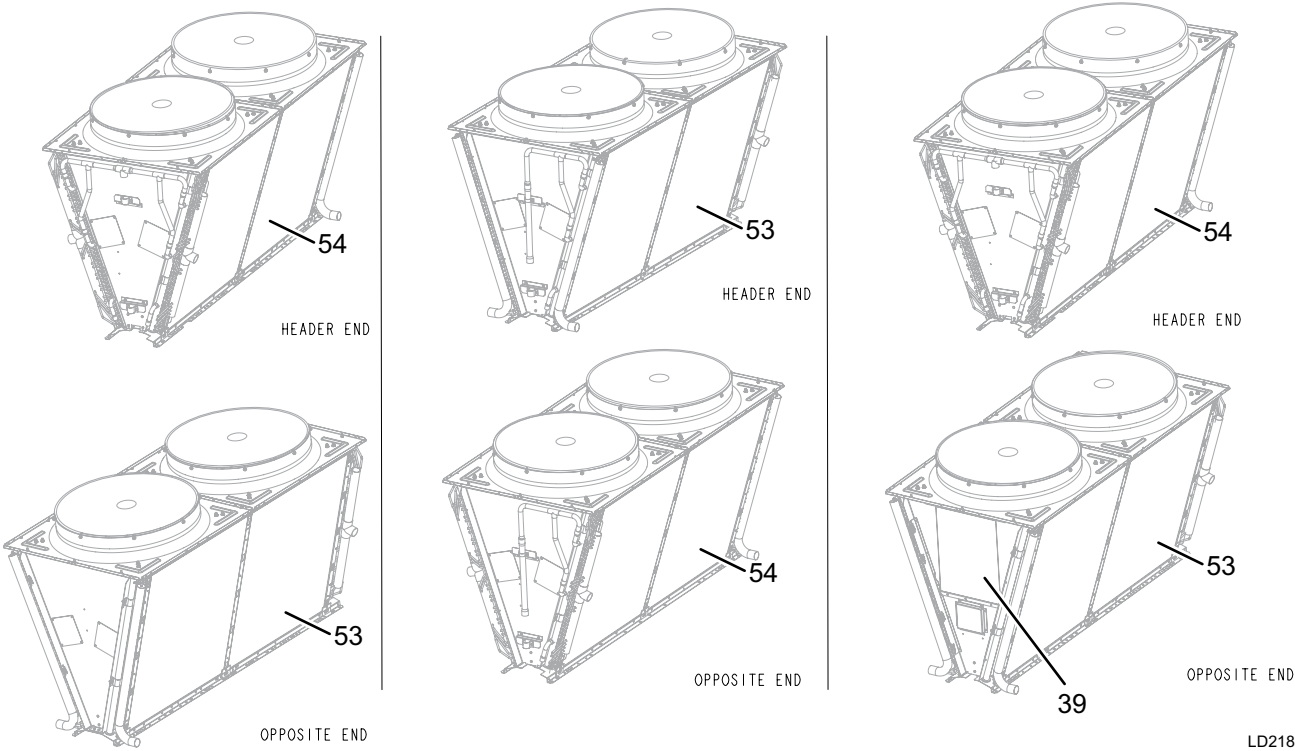


FIGURE 7 - COIL MODULE

TABLE 6 - FAN DECK

ITEM	VOLTAGE CODE	PIN 24 =	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
3	17,28,46,58	L	Motor, Fan, Teao 3 Hp 6 Pole	024-36874-003	736405	1	8
	50	L, G		024-36874-004	635527		
	50	C					
4	17,28,46,58	L	Bracket, Fan Support	092-18461-051	5143880	4	8
	50	L, G					
	50	C					
6	17,28,46,58	L	Fan, Impeller (900Mm)	026-45538-000	706270	1	8
	50	L, G		026-46066-000	635529		
	50	C		026-50193-000	5281094		

NOTE: Items with an * are NOT represented.

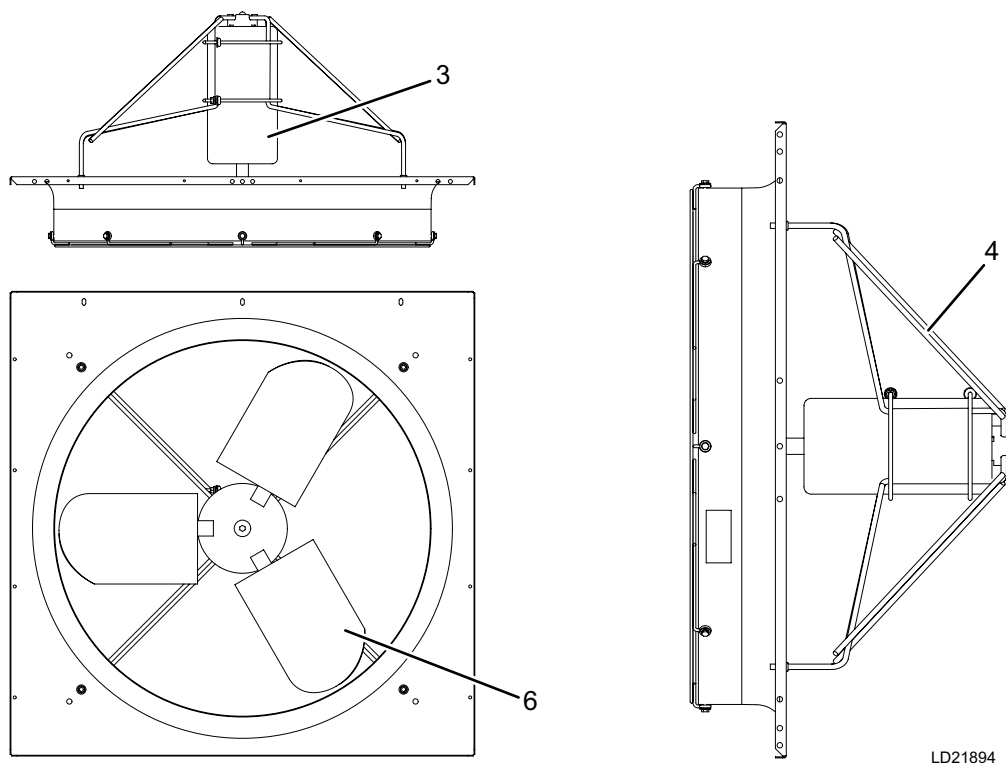


FIGURE 8 - FAN DECK ASSEMBLY

TABLE 7 - SYSTEM WIRING MODEL 0259, 0309 AND 0359

ITEM	MODELS	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
10	0259/0309/0359	Sensor Temp 3000 Ohms	025-40334-000	739796	3	10
11	0259/0309/0359	Comp Heat Conductive 4 Oz	013-00898-000	616572	.5	10
13	0259/0309/0359	Sensor Temp 3000 Ohms At 25	025-28935-000	738242	6	9
14	0259/0309/0359	Strap, Copper; Sporlan P/N	025-38156-000	739563	6	9
15	0259/0309/0359	Assy, Outside Air Temp. Sensor	371-01180-223	771355	1	9
21	0259/0309/0359	Transducer Pressure Sm Tonnage (Discharge Pressure)	025-29139-004	520036	2	9
22	0259/0309/0359	Valve, Transducer 1/4 Mpt X	022-09503-000	731261	2	9
323	0259/0309/0359	Pressure Meas To 8.618Bar 0.5-4.5V Dc=5V (Suction Pressure)	025-29583-002	5121975	2	10
324	0259/0309/0359	Transducer Pressure Sm Tonnage (Oil Pressure)	025-29139-004	520036	2	10
325	0259/0309/0359	Adapter, M X F 3/4 -16Unf	023-18225-000	146300	2	10

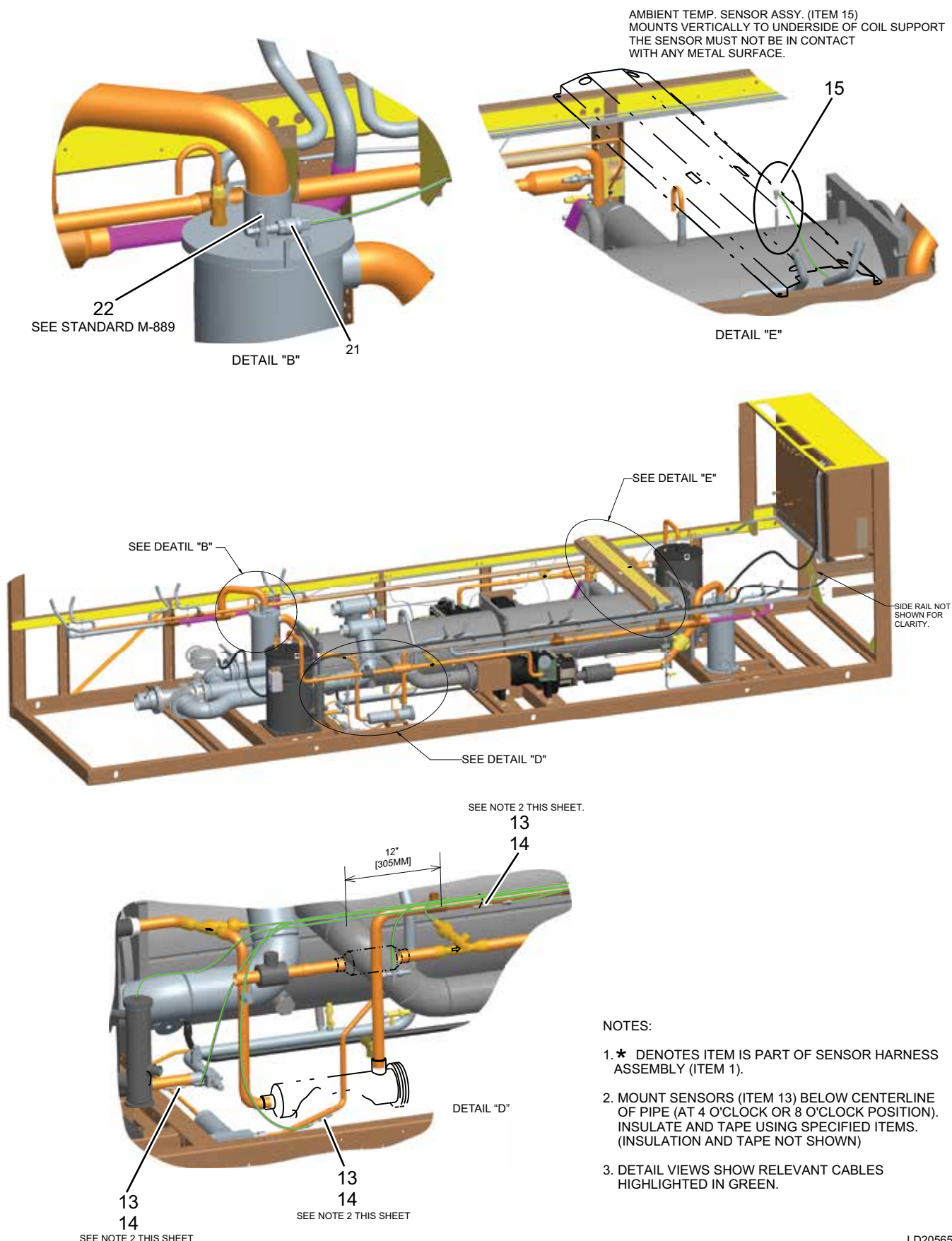
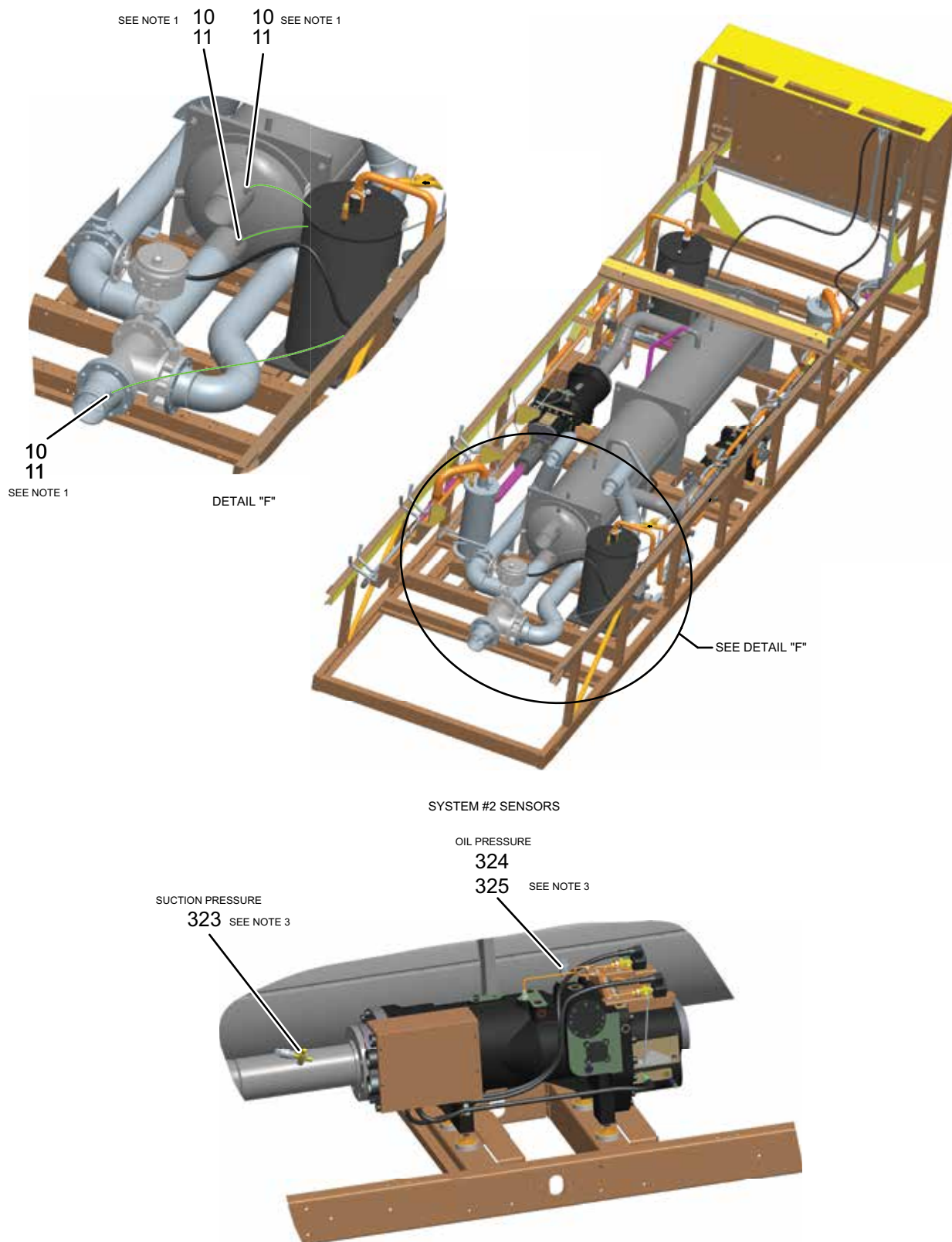


FIGURE 9 - SYSTEM WIRING

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Note:

1. Apply Thermal Conductive Compound (Item 11) in Each Sensor well to Ensure Reliable Thermocontact Between Bulb and Cooling Liquid.
2. * Denotes item is part of Sensor Harness Assembly (Item 1).
3. Seal All Threaded Pipe Joints Per M-889. Apply Primer Before Applying Sealer To All Transducer Threads.

LD20566

FIGURE 10 - SYSTEM WIRING

TABLE 8 - SYSTEM WIRING MODEL 0159

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
1	Sensor Shielded Cable Assembly	392-35907-105	5325229	1	11
2	Nut/Washer Assy (Keps)	021-30609-000	654275	11	11
3	Gasket Sensor Harness Mustang	028-15272-000	556341	1	11
4	Harness Actuator VSD/JB	575-77880-888	5325378	1	11
	1/2" Conduit	025-47663-001	5167339	18'	
	1/2" 90 Deg Angle Connector (JB End)	025-47664-001	5167345	1	
	1/2" 90 Degree Angle Connector (Actuator End)	025-47664-001	5167345	1	
5	Harness Actuator JB/Actuator	575-77880-856	5167417	1	12
	3/4" Conduit	025-31307-000	618157	5.5'	
	3/4" 90 Degree Angle Connector (Actuator End)	025-31317-000	144732	1	
	1/2" 90 Degree Angle Connector (Actuator End)	025-47664-001	5167345	1	
6	Wiring Harness (Corsair Cooler)	575-77880-226	808437	1	13
	1/2" Conduit	025-30473-000	618151	11'	
	1/2" 90 Degree Angle Connector (3Htr End)	025-31316-000	435091	1	
	1/2" Straight Connector (6Htr End)	025-31310-000	556337	1	
7	Wiring Harness (Corsair Cooler)	575-77880-246	808448	1	13
	Cap Connector	025-21193-000	737652	1	
8	Evap Heater Wiring Harness	575-77880-204	562477	1	11, 13
	1/2" Conduit	025-30473-000	618151	17'	
	1/2" 90 Degree Angle Connector (Vsd End)	025-31316-000	435091	1	
	1/2" 90 Degree Angle Connector (End)	025-31316-000	435091	1	
9	Hsg Connr Electrical Plug	025-21417-000	737658	1	13
10	Sensor Temp 3000 Ohms	025-40334-000	739796	3	12
11	Comp Heat Conductive 4 Oz	013-00898-000	616572	0.5	12
13	Sensor Temp 3000 Ohms At 25	025-28935-000	738242	6	11, 12
14	Strap, Copper; Sporlan P/N	025-38156-000	739563	6	11, 12
15	Assy, Outside Air Temp. Sensor	371-01180-223	771355	1	11
	Contact Tab Mark II 070 Series	025-28949-000	738245	2	
	Sensor Temp Ambient	025-28663-001	427369	1	
	Connector Cap Hsg, 2 Position,	025-28948-000	427370	1	
	Collar Rubber, Gray, 070	025-28957-000	117435	2	
21	Transducer Pressure Sm Tonnage	025-29139-004	520036	4	11
22	Valve, Transducer 1/4 Mpt X	022-09503-000	731261	2	11
30	Assembly, Actuator Junction Box	392-27755-000	5006129	1	13
30a	Encl Elec H=4572.00Mm W=2794.00Mm	025-47454-000	5006117	1	14
30b	Din Rail L=2058.00Mm W=889.00Mm	025-47473-000	5006123	1	14
30c	Relay Base	024-37460-000	683780	1	14
30d	Relay	024-37461-000	683781	1	14
30e	Terminal Block P=4 10Awg	025-47433-000	5006114	2	14
30f	Terminal Block P=4 10Awg	025-47434-000	5006115	1	14
30g	End Barriers For Terminal Block	025-47435-000	5006116	1	14
30h	Holder, Relay Spring	025-47460-000	5006122	1	14
150	Plate, Sensor Harness	071-04464-007	5167369	1	11
151	Connr Ca Ang 1" 90 Deg	025-39827-000	562571	2	11

TABLE 8 - SYSTEM WIRING MODEL 0159 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
152	Ring Seal O Elec Fit With	025-13609-000	562572	2	11
153	Lknt Cnd 1 Ips	025-11013-000	562573	2	11
154	Connr Ca Ang 1/2 90 Deg	025-14119-000	562570	1	11
155	Ring Seal O 1/2 Elec Cnd	025-09613-000	117034	1	11
156	Lknt Cnd 1/2 Ips	025-05701-000	144801	1	11
157	Sys. 1 Comp. Mtr. Temp.	575-77880-422	691263	1	11
	Wire, 4 Conductor Shield	025-32940-000	738777	248"	
	Mini-Universal Socket	025-28386-000	737925	5	
	1/4 Push On	025-06874-000	117021	4	
158	Sys. 1 High Level Sw.	575-77880-423	691264	1	11
	Wire, 2 Conductor Shield	025-30463-002	738502	283"	
	Plug, Connector	025-28951-000	62724	1	
	Mini-Universal Socket	025-28386-000	737925	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
159	Sys. 1 Cond. Liq. Temp.	575-77880-424	691265	1	11
	Wire, 2 Conductor Shield	025-30463-002	738502	228"	
	Plug, Connector	025-28951-000	62724	1	
	Mini-Universal Socket	025-28386-000	737925	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
160	Sys. 1 Disch. Temp.	575-77880-425	691266	1	11
	Wire, 2 Conductor Shield	025-30463-002	738502	200"	
	Plug, Connector	025-28951-000	62724	1	
	Mini-Universal Socket	025-28386-000	737925	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
161	Sys. 1 Econ Feed Valve	575-77880-426	691267	1	11
	Wire, 4 Conductor Shield	025-32940-000	738777	256"	
	Connector M12	025-44341-279	859025	1	
	Mini-Universal Socket	025-28386-000	737925	4	11
162	Sys. 1 Flash Tank Feed	575-77880-427	691268	1	
	Wire, 4 Conductor Shield	025-32940-000	738777	278"	
	Connector M12	025-44341-279	859025	1	
	Mini-Universal Socket	025-28386-000	737925	4	11
163	Sys. 1 Suct. Press.	575-77880-428	691269	1	
	Wire, 3 Conductor Shield	025-30463-003	738503	238"	
	Plug, Connector	025-28954-000	62725	1	
	Mini-Universal Socket	025-28386-000	737925	4	
	Collar	025-28950-000	65212	3	
	Contact Receptacle	025-28952-000	260	3	

TABLE 8 - SYSTEM WIRING MODEL 0159 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
164	Sys. 1 Oil Press.	575-77880-429	691270	1	11
	Wire, 3 Conductor Shield	025-30463-003	738503	197"	
	Plug, Connector	025-28954-000	62725	1	
	Mini-Universal Socket	025-28386-000	737925	4	
	Collar	025-28950-000	65212	3	
	Contact Receptacle	025-28952-000	260	3	
165	Sys. 1 Disch. Press.	575-77880-430	691271	1	12
	Wire, 3 Conductor Shield	025-30463-003	738503	131	
	Plug, Connector	025-28954-000	62725	1	
	Mini-Universal Socket	025-28386-000	737925	4	
	Collar	025-28950-000	65212	3	
	Contact Receptacle	025-28952-000	260	3	
166	Sys. 1 Educator Line Temp.	575-77880-445	691285	1	11
	Wire, 2 Conductor Shield	025-30463-002	738502	295"	
	Plug, Connector	025-28951-000	62724	1	
	Mini-Universal Socket	025-28386-000	737925	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
167	Sys. 1 Liq. Press	575-77880-443	691283	1	11
	Wire, 3 Conductor Shield	025-30463-003	738503	249"	
	Plug, Connector	025-28954-000	62725	1	
	Mini-Universal Socket	025-28386-000	737925	4	
	Collar	025-28950-000	65212	3	
	Contact Receptacle	025-28952-000	260	3	
168	Sys 1 Flash Tank Liquid Temp	575-77880-797	5325377	1	11
	Wire, 2 Conductor Shield	025-30463-002	738502	325"	
	Plug, Connector	025-28951-000	62724	1	
	Mini-Universal Socket	025-28386-000	737925	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
169	Entering Chilled Liquid Temp.	575-77880-739	872610	1	12
	Wire, 2 Conductor Shield	025-30463-002	738502	374"	
	Plug, Connector	025-28951-000	62724	1	
	Connector Socket	025-19673-000	737536	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
	Tubing Heat Shrink	025-44708-001	842819	.042'	
170	Leaving Chilled Liquid Temp.	575-77880-440	691281	1	12
	Wire, 2 Conductor Shield	025-30463-002	738502	312"	
	Plug, Connector	025-28951-000	62724	1	
	Connector Socket	025-19673-000	737536	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	

TABLE 8 - SYSTEM WIRING MODEL 0159 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
171	Evap. Entering Liquid Temp.	575-77880-795	5167415	1	12
	Wire, 2 Conductor Shield	025-30463-002	738502	430"	
	Plug, Connector	025-28951-000	62724	1	
	Connector Socket	025-28386-000	737925	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
172	Wiring Harness 2 Conductor	575-77880-314	562445	1	11
	Wire, 2 Conductor Shield	025-30463-002	738502	166"	
	Plug, Connector	025-28951-000	62724	1	
	Connector Socket	025-19673-000	737536	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
	Tubing Heat Shrink	025-44708-001	842819	.042'	
173	Sys. 2 Cond. Liq. Temp.	575-77880-433	691274	1	12
	Wire, 2 Conductor Shield	025-30463-002	738502	236"	
	Plug, Connector	025-28951-000	62724	1	
	Mini-Universal Socket	025-28386-000	737925	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
174	Sys. 2 Comp. Mtr. Temp.	575-77880-431	691272	1	12
	Wire, 4 Conductor Shield	025-32940-000	738777	267"	
	Mini-Universal Socket	025-28386-000	737925	5	
	1/4 Push On	025-06874-000	117021	4	
175	Sys. 2 High Level Sw.	575-77880-432	691273	1	12
	Wire, 2 Conductor Shield	025-30463-002	738502	182"	
	Plug, Connector	025-28951-000	62724	1	
	Mini-Universal Socket	025-28386-000	737925	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
176	Sys. 2 Disch. Temp.	575-77880-434	691275	1	12
	Wire, 2 Conductor Shield	025-30463-002	738502	319"	
	Plug, Connector	025-28951-000	62724	1	
	Mini-Universal Socket	025-28386-000	737925	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
177	Sys. 2 Oil Press.	575-77880-438	691279	1	12
	Wire, 3 Conductor Shield	025-30463-003	738503	317"	
	Plug, Connector	025-28954-000	62725	1	
	Mini-Universal Socket	025-28386-000	737925	4	
	Collar	025-28950-000	65212	3	
	Contact Receptacle	025-28952-000	260	3	

TABLE 8 - SYSTEM WIRING MODEL 0159 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
178	Sys. 2 Econ Feed Valve	575-77880-435	691276	1	12
	Wire, 4 Conductor Shield	025-32940-000	738777	223"	
	Connector M12	025-44341-279	859025	1	
	Mini-Universal Socket	025-28386-000	737925	4	
179	Sys. 2 Flash Tank Feed	575-77880-436	691277	1	12
	Wire, 4 Conductor Shield	025-32940-000	738777	214"	
	Connector M12	025-44341-279	859025	1	
	Mini-Universal Socket	025-28386-000	737925	4	
180	Sys. 2 Suct. Press	575-77880-437	691278	1	12
	Wire, 3 Conductor Shield	025-30463-003	738503	240"	
	Plug, Connector	025-28954-000	62725	1	
	Mini-Universal Socket	025-28386-000	737925	4	
	Collar	025-28950-000	65212	3	
	Contact Receptacle	025-28952-000	260	3	
181	Sys. 2 Disch. Press	575-77880-439	691280	1	11
	Wire, 3 Conductor Shield	025-30463-003	738503	351"	
	Plug, Connector	025-28954-000	62725	1	
	Mini-Universal Socket	025-28386-000	737925	4	
	Collar	025-28950-000	65212	3	
	Contact Receptacle	025-28952-000	260	3	
182	Sys. 2 Eductor Line Temp.	575-77880-393	691232	1	12
	Wire, 2 Conductor Shield	025-30463-002	738502	221"	
	Plug, Connector	025-28951-000	62724	1	
	Mini-Universal Socket	025-28386-000	737536	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
183	Sys. 2 Liq. Press.	575-77880-391	691308	1	12
	Wire, 3 Conductor Shield	025-30463-003	738503	225"	
	Plug, Connector	025-28954-000	62725	1	
	Mini-Universal Socket	025-28386-000	737925	4	
	Collar	025-28950-000	65212	3	
	Contact Receptacle	025-28952-000	260	3	
184	Harness Sys 2 Fish Tank Liq. Temp.	575-77880-791	5167412	1	12
	Wire, 2 Conductor Shield	025-30463-002	738502	265"	
	Plug, Connector	025-28951-000	62724	1	
	Mini-Universal Socket	025-28386-000	737536	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	

TABLE 9 - SYSTEM WIRING MODEL 0209

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
1	Sensor Shielded Cable Assembly	392-35907-107	5296873	1	11
2	Nut/Washer Assy (Keps)	021-30609-000	654275	11	11
3	Gasket Sensor Harness Mustang	028-15272-000	556341	1	11
4	Harness Actuator VSD/JB	575-77880-855	5167416	1	11
	3/4" Conduit	025-31307-000	618157	26'	
	3/4" 90 Degree Angle Connector (Actuator End)	025-31317-000	144732	1	
	1/2" 90 Degree Angle Connector (Actuator End)	025-47664-001	5167345	1	
5	Harness Actuator JB/Actr	575-77880-856	5167417	1	12
	3/4" Conduit	025-31307-000	618157	5.5'	
	3/4" 90 Degree Angle Connector (Actuator End)	025-31317-000	144732	1	
	1/2" 90 Degree Angle Connector (Actuator End)	025-47664-001	5167345	1	
6	Wiring Harness (Corsair Cooler)	575-77880-227	817049	1	13
	1/2" Conduit	025-30473-000	618151	14'	
	1/2" 90 Degree Angle Connector (3Htr End)	025-31316-000	435091	1	
	1/2" Straight Connector (6Htr End)	025-31310-000	556337	1	
7	Wiring Harness (Corsair Cooler	575-77880-246	808448	1	13
	Cap Connector	025-21193-000	737652	1	
8	Evap Heater Wiring Harness	575-77880-204	562477	1	11, 13
	1/2" Conduit	025-30473-000	618151	17'	
	1/2" 90 Degree Angle Connector (Vsd End)	025-31316-000	435091	1	
	1/2" 90 Degree Angle Connector (End)	025-31316-000	435091	1	
9	Hsg Connr Electrical Plug	025-21417-000	737658	1	13
10	Sensor Temp Ntc -40 To 110°C	025-47671-000	5167564	3	12
11	Comp Heat Conductive 4 Oz	013-00898-000	616572	0.5	12
12	Strap Cable 1/4 Mtg Hole	025-23764-001	371809	18	11, 12
13	Sensor Temp Ntc -40 To 110°C	025-47673-000	5167566	6	11, 12
15	Sensor Temp Ntc -40 To 110°C	025-47688-000	5167777	1	11
21	Transducer Pressure Sm Tonnage	025-29139-004	520036	2	11
22	Valve, Transducer 1/4 Mpt X	022-09503-000	731261	2	11
26	Bracket Support Terminal Corsa	075-94416-000	762100	1	13
30	Assembly, Actuator Junction Box	392-27755-000	5006129	1	13
30a	Encl Elec H=4572.00Mm W=2794.00Mm	025-47454-000	5006117	1	14
30b	Din Rail L=2058.00Mm W=889.00Mm	025-47473-000	5006123	1	14
30c	Relay Base	024-37460-000	683780	1	14
30d	Relay	024-37461-000	683781	1	14
30e	Terminal Block P=4 10Awg	025-47433-000	5006114	2	14
30f	Terminal Block P=4 10Awg	025-47434-000	5006115	1	14
30g	End Barriers For Terminal Block	025-47435-000	5006116	1	14
30h	Holder, Relay Spring	025-47460-000	5006122	1	14
150	Plate, Sensor Harness Yvfa	071-04464-007	5167369	1	11
151	Connr Ca Ang 1" 90 Deg	025-39827-000	562571	2	11
152	Ring Seal O Elec Fit With	025-13609-000	562572	2	11
153	Lknt Cnd 1 Ips	025-11013-000	562573	2	11

TABLE 9 - SYSTEM WIRING MODEL 0209 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
154	Connr Ca Ang 1/2 90 Deg	025-14119-000	562570	1	11
155	Ring Seal O 1/2 Elec Cnd	025-09613-000	117034	1	11
156	Lknt Cnd 1/2 Ips	025-05701-000	144801	1	11
157	Sys. 1 Comp. Mtr. Temp.	575-77880-369	691287	1	11
	Wire, 4 Conductor Shield	025-32940-000	738777	262"	
	Mini-Universal Socket	025-28386-000	737925	5	
	1/4 Push On	025-06874-000	117021	4	
158	Sys. 1 High Level Sw.	575-77880-423	691264	1	11
	Wire, 2 Conductor Shield	025-30463-002	738502	283"	
	Plug, Connector	025-28951-000	62724	1	
	Mini-Universal Socket	025-28386-000	737925	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
159	Sys. 1 Cond. Liq. Temp.	575-77880-424	691265	1	11
	Wire, 2 Conductor Shield	025-30463-002	738502	228"	
	Plug, Connector	025-28951-000	62724	1	
	Mini-Universal Socket	025-28386-000	737925	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
160	Sys. 1 Disch. Temp.	575-77880-425	691266	1	11
	Wire, 2 Conductor Shield	025-30463-002	738502	200"	
	Plug, Connector	025-28951-000	62724	1	
	Mini-Universal Socket	025-28386-000	737925	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
161	Sys. 1 Econ Feed Valve	575-77880-426	691267	1	11
	Wire, 4 Conductor Shield	025-32940-000	738777	256"	
	Connector M12	025-44341-279	859025	1	
	Mini-Universal Socket	025-28386-000	737925	4	
162	Sys. 1 Flash Tank Feed	575-77880-427	691268	1	11
	Wire, 4 Conductor Shield	025-32940-000	738777	278"	
	Connector M12	025-44341-279	859025	1	
	Mini-Universal Socket	025-28386-000	737925	4	
163	Sys. 1 Suct. Press.	575-77880-375	691293	1	11
	Wire, 3 Conductor Shield	025-30463-003	738503	254"	
	Plug, Connector	025-28954-000	62725	1	
	Mini-Universal Socket	025-28386-000	737925	4	
	Collar	025-28950-000	65212	3	
	Contact Receptacle	025-28952-000	260	3	

TABLE 9 - SYSTEM WIRING MODEL 0209 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
164	Sys. 1 Oil Press.	575-77880-709	840207	1	11
	Wire, 3 Conductor Shield	025-30463-003	738503	209"	
	Plug, Connector	025-28954-000	62725	1	
	Mini-Universal Socket	025-28386-000	737925	4	
	Collar	025-28950-000	65212	3	
	Contact Receptacle	025-28952-000	260	3	
	Tubing Heat Shink	025-44708-001	842819	1	
165	Sys. 1 Disch. Press.	575-77880-430	691271	1	12
	Wire, 3 Conductor Shield	025-30463-003	738503	131"	
	Plug, Connector	025-28954-000	62725	1	
	Mini-Universal Socket	025-28386-000	737925	4	
	Collar	025-28950-000	65212	3	
	Contact Receptacle	025-28952-000	260	3	
166	Sys. 1 Eductor Line Temp.	575-77880-392	691309	1	11
	Wire, 2 Conductor Shield	025-30463-002	738502	329"	
	Plug, Connector	025-28951-000	62724	1	
	Mini-Universal Socket	025-28386-000	737925	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
167	Sys. 1 Liq. Press	575-77880-722	840220	1	11
	Wire, 3 Conductor Shield	025-30463-003	738503	270"	
	Plug, Connector	025-28954-000	62725	1	
	Mini-Universal Socket	025-28386-000	737925	4	
	Collar	025-28950-000	65212	3	
	Contact Receptacle	025-28952-000	260	3	
	Tubing Heat Shink	025-44708-001	842819	.042'	
168	Harness Sys 1 Flsh Tank Liq. Temp.	575-77880-792	5167414	1	11
	Wire, 2 Conductor Shield	025-30463-002	738502	350"	
	Plug, Connector	025-28951-000	62724	1	
	Mini-Universal Socket	025-28386-000	737925	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
169	Entering Chilled Liquid Temp.	575-77880-739	872610	1	12
	Wire, 2 Conductor Shield	025-30463-002	738502	374"	
	Plug, Connector	025-28951-000	62724	1	
	Connector Socket	025-19673-000	737536	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
	Tubing Heat Shrink	025-44708-001	842819	.042'	
170	Leaving Chilled Liquid Temp.	575-77880-440	691281	1	12
	Wire, 2 Conductor Shield	025-30463-002	738502	312"	
	Plug, Connector	025-28951-000	62724	1	
	Connector Socket	025-19673-000	737536	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	

TABLE 9 - SYSTEM WIRING MODEL 0209 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
171	Evap. Entering Liquid Temp.	575-77880-795	5167415	1	12
	Wire, 2 Conductor Shield	025-30463-002	738502	430"	
	Plug, Connector	025-28951-000	62724	1	
	Connector Socket	025-28386-000	737536	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
172	Wiring Harness 2 Conductor	575-77880-314	562445	1	11
	Wire, 2 Conductor Shield	025-30463-002	738502	166"	
	Plug, Connector	025-28951-000	62724	1	
	Connector Socket	025-19673-000	737536	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
	Tubing Heat Shrink	025-44708-001	842819	.042'	
173	Sys. 2 Cond. Liq. Temp.	575-77880-433	691274	1	12
	Wire, 2 Conductor Shield	025-30463-002	738502	236"	
	Plug, Connector	025-28951-000	62724	1	
	Mini-Universal Socket	025-28386-000	737536	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
174	Sys. 2 Comp. Mtr. Temp.	575-77880-431	691272	1	12
	Wire, 4 Conductor Shield	025-32940-000	738777	267"	
	Mini-Universal Socket	025-28386-000	737925	5	
	1/4 Push On	025-06874-000	117021	4	
175	Sys. 2 High Level Sw.	575-77880-432	691273	1	12
	Wire, 2 Conductor Shield	025-30463-002	738502	182"	
	Plug, Connector	025-28951-000	62724	1	
	Mini-Universal Socket	025-28386-000	737925	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
176	Sys. 2 Disch. Temp.	575-77880-434	691275	1	12
	Wire, 2 Conductor Shield	025-30463-002	738502	319"	
	Plug, Connector	025-28951-000	62724	1	
	Mini-Universal Socket	025-28386-000	737925	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
177	Sys. 2 Oil Press.	575-77880-438	691279	1	12
	Wire, 3 Conductor Shield	025-30463-003	738503	317"	
	Plug, Connector	025-28954-000	62725	1	
	Mini-Universal Socket	025-28386-000	737925	4	
	Collar	025-28950-000	65212	3	
	Contact Receptacle	025-28952-000	260	3	
178	Sys. 2 Econ Feed Valve	575-77880-435	691276	1	12
	Wire, 4 Conductor Shield	025-32940-000	738777	223"	
	Connector M12	025-44341-279	859025	1	
	Mini-Universal Socket	025-28386-000	737925	4	

TABLE 9 - SYSTEM WIRING MODEL 0209 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
179	Sys. 2 Flash Tank Feed	575-77880-436	691277	1	12
	Wire, 4 Conductor Shield	025-32940-000	738777	214"	
	Connector M12	025-44341-279	859025	1	
	Mini-Universal Socket	025-28386-000	737925	4	
180	Sys. 2 Suct. Press	575-77880-437	691278	1	12
	Wire, 3 Conductor Shield	025-30463-003	738503	240"	
	Plug, Connector	025-28954-000	62725	1	
	Mini-Universal Socket	025-28386-000	737925	4	
	Collar	025-28950-000	65212	3	
	Contact Receptacle	025-28952-000	260	3	
181	Sys. 2 Disch. Press	575-77880-439	691280	1	11
	Wire, 3 Conductor Shield	025-30463-003	738503	351"	
	Plug, Connector	025-28954-000	62725	1	
	Mini-Universal Socket	025-28386-000	737925	4	
	Collar	025-28950-000	65212	3	
	Contact Receptacle	025-28952-000	260	3	
182	Sys. 2 Eductor Line Temp.	575-77880-393	691232	1	12
	Wire, 2 Conductor Shield	025-30463-002	738503	221"	
	Plug, Connector	025-28951-000	62725	1	
	Mini-Universal Socket	025-28386-000	737925	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
183	Sys. 2 Liq. Press.	575-77880-391	691308	1	12
	Wire, 3 Conductor Shield	025-30463-003	738503	225"	
	Plug, Connector	025-28954-000	62725	1	
	Mini-Universal Socket	025-28386-000	737925	4	
	Collar	025-28950-000	65212	3	
	Contact Receptacle	025-28952-000	260	3	
184	Harness Sys 2 Flsh Tank Liq. Temp.	575-77880-791	5167412	1	12
	Wire, 2 Conductor Shield	025-30463-002	738502	265"	
	Plug, Connector	025-28951-000	62724	1	
	Mini-Universal Socket	025-28386-000	737536	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	

TABLE 10 - SYSTEM WIRING MODEL 0289

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
1	Sensor Shielded Cable Assembly	392-35907-111	5296864	1	11
2	Nut/Washer Assy (Keps)	021-30609-000	654275	11	11
3	Gasket Sensor Harness	028-15272-000	556341	1	11
4	Harness Actuator VSD/JB	575-77880-983	5296866	1	11
	1/2" Conduit	025-47663-001	5167339	29'	
	1/2" 90 Deg Angle Connector (JB End)	025-47664-001	5167345	1	
	1/2" 90 Degree Angle Connector (Actuator End)	025-47664-001	5167345	1	
5	Harness Yvfa Jb/Actuator	575-77880-984	5296880	1	12
	1/2" Conduit	025-47663-001	5167339	6.5'	
	1/2" 90 Deg Angle Connector (JB End)	025-47664-001	5167345	1	
	1/2" 90 Degree Angle Connector (Actuator End)	025-47664-001	5167345	1	
6	Wiring Harness (Corsair Cooler	575-77880-228	817050	1	13
	1/2" Conduit	025-30473-000	618151	16.5'	
	1/2" 90 Degree Angle Connector (3Htr End)	025-31316-000	435091	1	
	1/2" Straight Connector (6Htr End)	025-31310-000	556337	1	
7	Wiring Harness (Corsair Cooler)	575-77880-246	808448	1	13
	Cap Connector	025-21193-000	737652	1	
8	Evap Heater Wiring Harness	575-77880-204	562477	1	11, 13
	1/2" Conduit	025-30473-000	618151	17'	
	1/2" 90 Degree Angle Connector (VSD End)	025-31316-000	435091	1	
	1/2" 90 Degree Angle Connector (End)	025-31316-000	435091	1	
9	Hsg Connr Electrical Plug	025-21417-000	737658	1	13
10	Sensor Temp Ntc -40 To 110°C	025-47671-000	5167564	3	12
11	Comp Heat Conductive 4 Oz	013-00898-000	616572	0.5	12
12	Strap Cable 1/4 Mtg Hole	025-23764-001	371809	18	11, 12
13	Sensor Temp Ntc -40 To 110°C	025-47673-000	5167566	6	11, 12
15	Sensor Temp Ntc -40 To 110°C	025-47688-000	5167777	1	11
21	Transducer Pressure Sm Tonnage	025-29139-004	520036	2	11
22	Valve, Transducer 1/4 Mpt X	022-09503-000	731261	2	11
26	Bracket Support Terminal Corsa	075-94416-000	762100	1	13
30	Assembly, Actuator Junction Box	392-27755-000	5006129	1	13
30a	Encl Elec H=4572.00Mm W=2794.00Mm	025-47454-000	5006117	1	14
30b	Din Rail L=2058.00Mm W=889.00Mm	025-47473-000	5006123	1	14
30c	Relay Base	024-37460-000	683780	1	14
30d	Relay	024-37461-000	683781	1	14
30e	Terminal Block P=4 10Awg	025-47433-000	5006114	2	14
30f	Terminal Block P=4 10Awg	025-47434-000	5006115	1	14
30g	End Barriers For Terminal Block	025-47435-000	5006116	1	14
30h	Holder, Relay Spring	025-47460-000	5006122	1	14
150	Plate, Sensor Harness Yvfa	071-04464-007	5167369	1	11
151	Connr Ca Ang 1" 90 Deg	025-39827-000	562571	2	11
152	Ring Seal O Elec Fit With	025-13609-000	562572	2	11
153	Lknt Cnd 1 Ips	025-11013-000	562573	2	11

TABLE 10 - SYSTEM WIRING MODEL 0289 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
154	Connr Ca Ang 1/2 90 Deg	025-14119-000	562570	1	11
155	Ring Seal O 1/2 Elec Cnd	025-09613-000	117034	1	11
156	Lknt Cnd 1/2 Ips	025-05701-000	144801	1	11
157	Sys. 1 Compr. Mtr. Temp.	575-77880-343	808485	1	11
	Wire, 4 Conductor Shield	025-32940-000	738777	292"	
	Mini-Universal Socket	025-28386-000	737925	5	
	1/4 Push On	025-06874-000	117021	4	
158	Sys. 1 High Level Sw.	575-77880-357	683416	1	11
	Wire, 2 Conductor Shield	025-30463-002	738502	335"	
	Plug, Connector	025-28951-000	62724	1	
	Mini-Universal Socket	025-28386-000	737925	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
159	Sys. 1 Cond. Liq. Temp.	575-77880-358	683418	1	11
	Wire, 2 Conductor Shield	025-30463-002	738502	273"	
	Plug, Connector	025-28951-000	62724	1	
	Mini-Universal Socket	025-28386-000	737925	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
160	Sys 1 Disch. Temp.	575-77880-345	683419	1	11
	Wire, 2 Conductor Shield	025-30463-002	738502	223"	
	Plug, Connector	025-28951-000	62724	1	
	Mini-Universal Socket	025-28386-000	737925	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
161	Sys. 1 Econ. Feed	575-77880-361	683420	1	11
	Wire, 4 Conductor Shield	025-32940-000	738777	307"	
	Connector M12	025-44341-279	859025	1	
	Mini-Universal Socket	025-28386-000	737925	4	
162	Sys. 1 Flash Tank Feed	575-77880-359	683421	1	11
	Wire, 4 Conductor Shield	025-32940-000	738777	331"	
	Connector M12	025-44341-279	859025	1	
	Mini-Universal Socket	025-28386-000	737925	4	
163	Sys. 1 Suct. Press.	575-77880-347	683423	1	11
	Wire, 3 Conductor Shield	025-30463-003	738503	277"	
	Plug, Connector	025-28954-000	62725	1	
	Mini-Universal Socket	025-28386-000	737925	4	
	Collar	025-28950-000	65212	3	
	Contact Receptacle	025-28952-000	260	3	

TABLE 10 - SYSTEM WIRING MODEL 0289 (CONT'D)

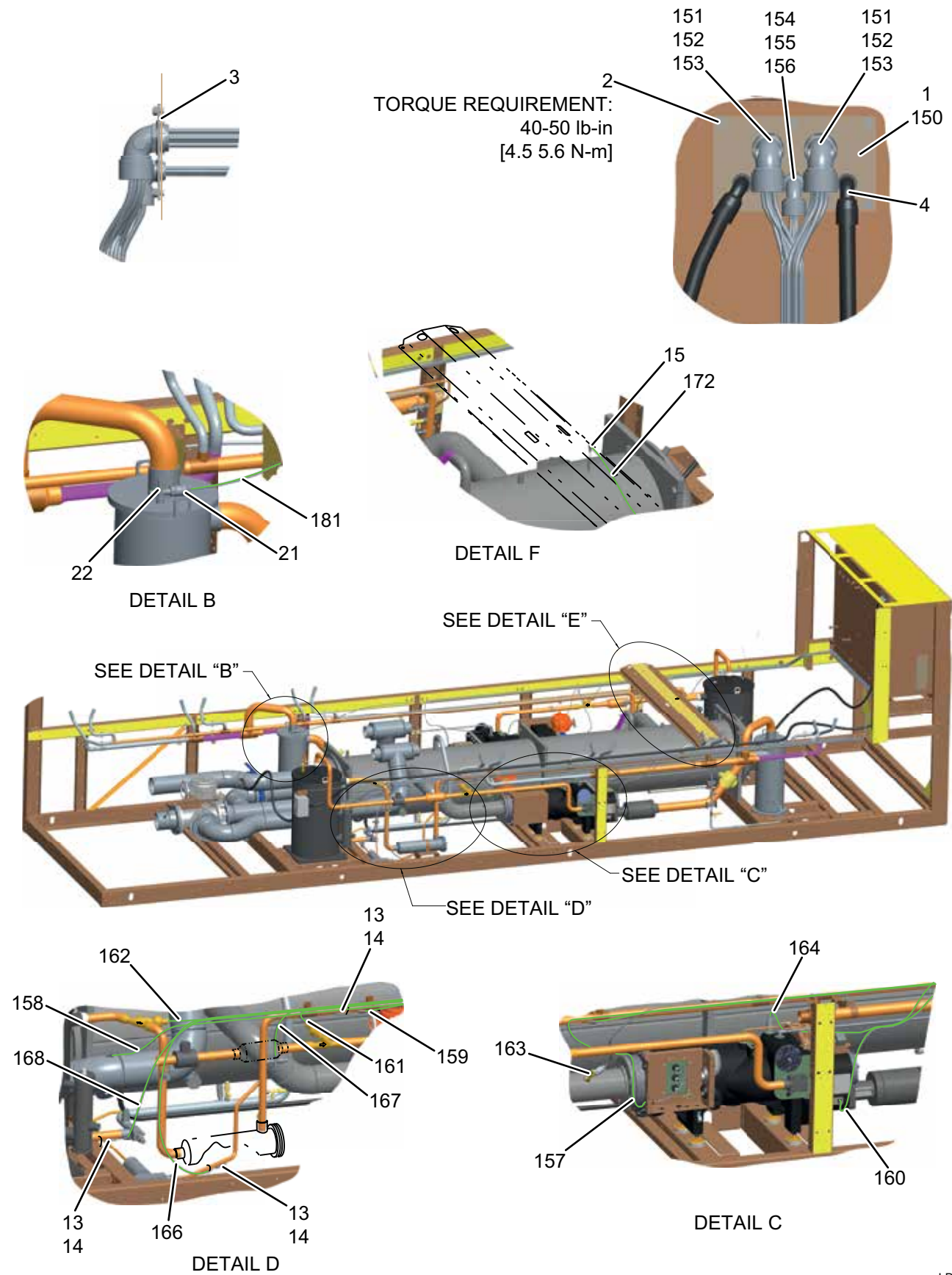
ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
164	Sys. 1 Oil Press.	575-77880-349	683424	1	11
	Wire, 3 Conductor Shield	025-30463-003	738503	219"	
	Plug, Connector	025-28954-000	62725	1	
	Mini-Universal Socket	025-28386-000	737925	4	
	Collar	025-28950-000	65212	3	
	Contact Receptacle	025-28952-000	260	3	
165	Sys. 1 Disch. Press.	575-77880-355	683425	1	12
	Wire, 3 Conductor Shield	025-30463-003	738503	201"	
	Plug, Connector	025-28954-000	62725	1	
	Mini-Universal Socket	025-28386-000	737925	4	
	Collar	025-28950-000	65212	3	
	Contact Receptacle	025-28952-000	260	3	
166	Sys. 1 Eductor Line Temp.	575-77880-363	683435	1	11
	Wire, 2 Conductor Shield	025-30463-002	738502	291"	
	Plug, Connector	025-28951-000	62724	1	
	Mini-Universal Socket	025-28386-000	737925	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
167	Sys. 1 Liq. Press.	575-77880-360	683434	1	11
	Wire, 3 Conductor Shield	025-30463-003	738503	291"	
	Plug, Connector	025-28954-000	62725	1	
	Mini-Universal Socket	025-28386-000	737925	4	
	Collar	025-28950-000	65212	3	
	Contact Receptacle	025-28952-000	260	3	
168	Sys 1 Flash Tank Liquid Temp.	575-77880-793	5186611	1	11
	Wire, 2 Conductor Shield	025-30463-002	738502	395"	
	Plug, Connector	025-28951-000	62724	1	
	Mini-Universal Socket	025-28386-000	737925	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
169	Entering Chilled Liquid Temp.	575-77880-354	683433	1	12
	Wire, 2 Conductor Shield	025-30463-002	738502	375"	
	Plug, Connector	025-28951-000	62724	1	
	Connector Socket	025-19673-000	737925	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
170	Leaving Water Temp Sensor	575-77880-353	683432	1	12
	Wire, 2 Conductor Shield	025-30463-002	738502	375"	
	Plug, Connector	025-28951-000	62724	1	
	Connector Socket	025-19673-000	737925	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	

TABLE 10 - SYSTEM WIRING MODEL 0289 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
171	Evap. Entering Liquid Temp.	575-77880-796	5186613	1	12
	Wire, 2 Conductor Shield	025-30463-002	738502	515"	
	Plug, Connector	025-28951-000	62724	1	
	Connector Socket	025-19673-000	737925	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
172	Wiring Harness 2 Conductor	575-77880-309	562450	1	11
	Wire, 2 Conductor Shield	025-30463-002	738502	239"	
	Plug, Connector	025-28951-000	62724	1	
	Connector Socket	025-19673-000	737925	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
	Tubing Heat Shrink	025-44708-001	842819	.042'	
173	Sys 2 Cond Liq Temp	575-77880-733	872604	1	12
	Wire, 2 Conductor Shield	025-30463-002	738502	266"	
	Plug, Connector	025-28951-000	62724	1	
	Mini-Universal Socket	025-28386-000	737925	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
	Tubing Heat Shrink	025-44708-001	842819	.042'	
174	Sys. 2 Compr. Mtr. Temp.	575-77880-344	808486	1	12
	Wire, 4 Conductor Shield	025-32940-000	738777	293"	
	Mini-Universal Socket	025-28386-000	737925	5	
	1/4 Push On	025-06874-000	117021	4	
175	Sys. #2 High Level Sw.	575-77880-328	577001	1	12
	Wire, 2 Conductor Shield	025-30463-002	738502	195"	
	Plug, Connector	025-28951-000	62724	1	
	Mini-Universal Socket	025-28386-000	737925	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
176	Sys 2 Disch. Temp.	575-77880-346	683427	1	12
	Wire, 2 Conductor Shield	025-30463-002	738502	350"	
	Plug, Connector	025-28951-000	62724	1	
	Mini-Universal Socket	025-28386-000	737925	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
177	Sys. 2 Oil Press.	575-77880-350	683430	1	12
	Wire, 3 Conductor Shield	025-30463-003	738503	350"	
	Plug, Connector	025-28954-000	62725	1	
	Mini-Universal Socket	025-28386-000	737925	4	
	Collar	025-28950-000	65212	3	
	Contact Receptacle	025-28952-000	260	3	

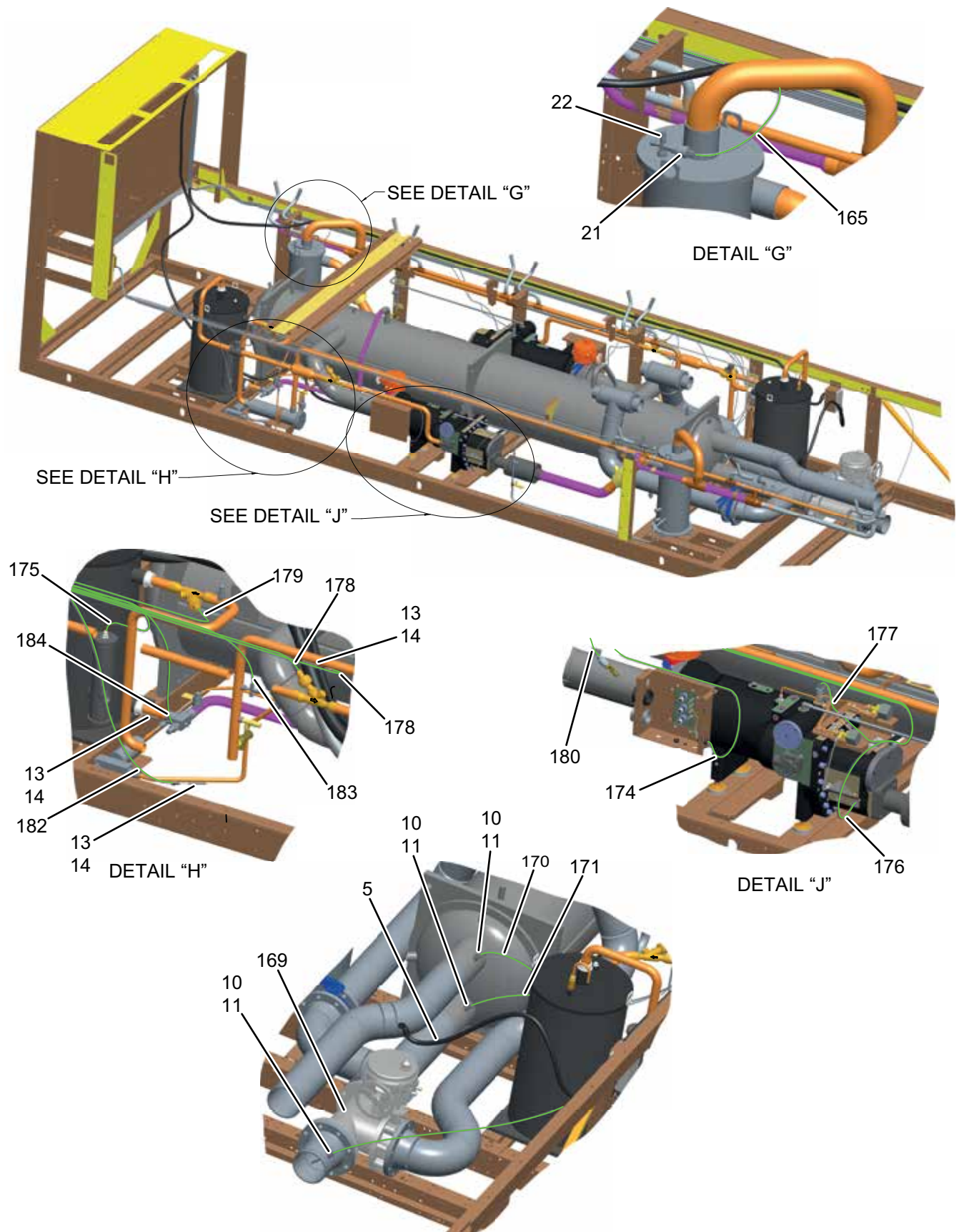
TABLE 10 - SYSTEM WIRING MODEL 0289 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
178	Sys. 2 Econ. Feed	575-77880-362	683428	1	12
	Wire, 4 Conductor Shield	025-32940-000	738777	226"	
	Connector M12	025-44341-279	859025	1	
	Mini-Universal Socket	025-28386-000	737925	4	
179	Wiring Harness 4 Conductor	575-77880-322	562434	1	12
	Wire, 4 Conductor Shield	025-32940-000	738777	229"	
	Connector M12	025-44341-279	859025	1	
	Mini-Universal Socket	025-28386-000	737925	4	
180	Sys. 2 Suct. Press.	575-77880-348	683429	1	12
	Wire, 3 Conductor Shield	025-30463-003	738503	269"	
	Plug, Connector	025-28954-000	62725	1	
	Mini-Universal Socket	025-28386-000	737925	4	
	Collar	025-28950-000	65212	3	
	Contact Receptacle	025-28952-000	260	3	
181	Sys. 2 Disch. Press.	575-77880-356	683431	1	11
	Wire, 3 Conductor Shield	025-30463-003	738503	362"	
	Plug, Connector	025-28954-000	62725	1	
	Mini-Universal Socket	025-28386-000	737925	4	
	Collar	025-28950-000	65212	3	
	Contact Receptacle	025-28952-000	260	3	
182	Sys. 2 Eductor Line Temp.	575-77880-364	683436	1	12
	Wire, 2 Conductor Shield	025-30463-002	738503	254"	
	Plug, Connector	025-28951-000	62725	1	
	Mini-Universal Socket	025-28386-000	737925	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	
183	Sys 2 Liq Press	575-77880-741	872612	1	12
	Wire, 3 Conductor Shield	025-30463-003	738503	246"	
	Plug, Connector	025-28954-000	62725	1	
	Mini-Universal Socket	025-28386-000	737925	4	
	Collar	025-28950-000	65212	3	
	Contact Receptacle	025-28952-000	260	3	
184	Sys. 2 Flash Tank Liquid Temp.	575-77880-794	5186612	1	12
	Wire, 2 Conductor Shield	025-30463-002	738502	272"	
	Plug, Connector	025-28951-000	62724	1	
	Mini-Universal Socket	025-28386-000	737536	3	
	Collar	025-28950-000	65212	2	
	Contact Receptacle	025-28952-000	260	2	



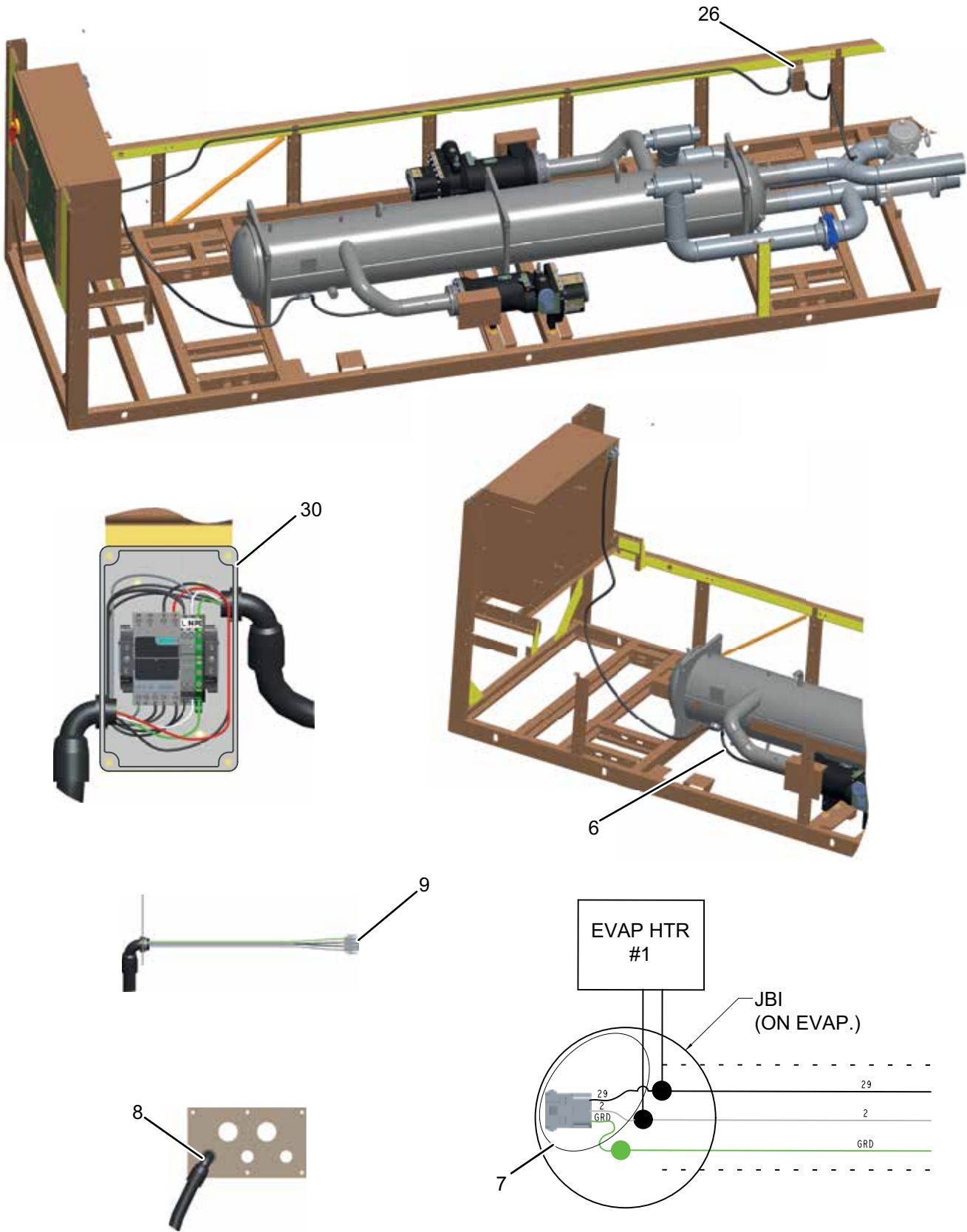
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FIGURE 11 - SYSTEM WIRING MODELS 0159, 0209, 0259



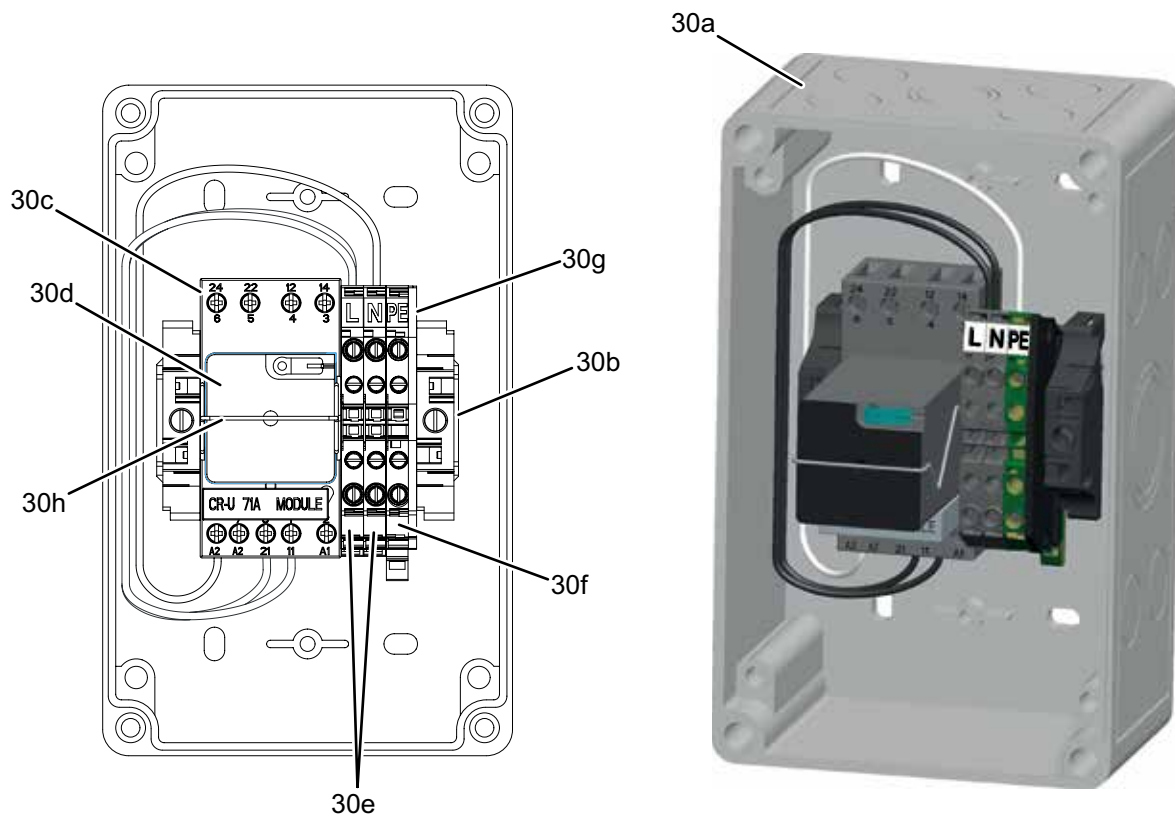
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FIGURE 12 - SYSTEM WIRING MODELS 0159, 0209, 0259



LD22476

FIGURE 13 - SYSTEM WIRING MODELS 0159, 0209, 0259



LD22477

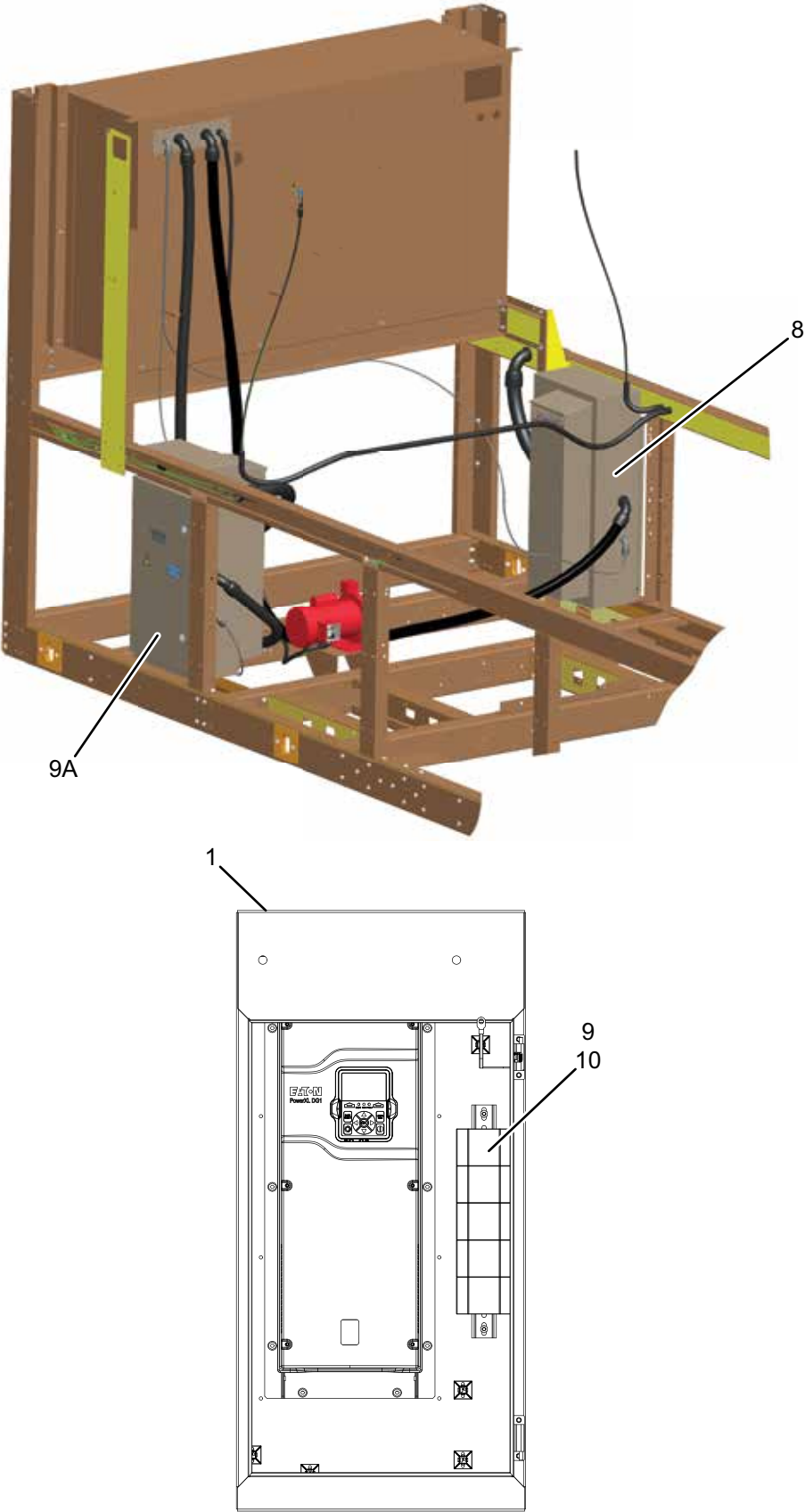
FIGURE 14 - SYSTEM WIRING MODELS 0159, 0209, 0259

TABLE 11 - FAN INVERTER

ITEM	MODELS	SYSTEM #	DESCRIPTION	PART NUMBER	SAP NUMBER	FIGURE
8	0159/0539	1	5 Std Fan Inv Assy - Rh Door	392-35823-009	5325225	15
1			Inverter Encl Assy Rh 30 Hp	024-39401-009	5325222	15
9			Fuseholder-Modular, 3-Pole	025-39952-000	343433	15
10			Fuse, Cartridge Type 20 Amp	025-34142-000	739009	15
9A		2	5 Std Fan Inv Encl Assy Lh Door	392-35823-007	5296859	15
1			Inverter-Enclosure Assy	024-39401-002	5167334	15
9			Fuseholder-Modular, 3-Pole	025-39952-000	343433	15
10			Fuse, Cartridge Type 20 Amp	025-34142-000	739009	15
8	0209/0709	1	7 Std Fan Inv Encl Assy Rh Door	392-35823-006	5296851	15
1			Inverter-Enclosure Assy	024-39401-001	5167333	15
9			Fuseholder-Modular, 3-Pole	025-39952-000	343433	15
10			Fuse, Cartridge Type 20 Amp	025-34142-000	739009	15
9A		2	5 Std Fan Inv Encl Assy Lh Door	392-35823-007	5296859	15
1			Inverter-Enclosure Assy	024-39401-002	5167334	15
9			Fuseholder-Modular, 3-Pole	025-39952-000	343433	15
10			Fuse, Cartridge Type 20 Amp	025-34142-000	739009	15
8	0259/0889	1	8 Std Fan Inv Assy - Rh Door	392-35823-001	5167377	15
1			Inverter-Enclosure Assy	024-39401-003	5186569	15
9			Fuseholder-Modular, 3-Pole	025-39952-000	343433	15
10			Fuse, Cartridge Type 20 Amp	025-34142-000	739009	15
9A		2	6 Std Fan Inv Assy - Lh Door	392-35823-002	5167378	15
1			Inverter-Enclosure Assy	024-39401-002	5167334	15
9			Fuseholder-Modular, 3-Pole	025-39952-000	343433	15
10			Fuse, Cartridge Type 20 Amp	025-34142-000	739009	15
8	0289/1009	1	8 Std Fan Inv Assy - Rh Door	392-35823-001	5167377	15
1			Inverter-Enclosure Assy	024-39401-003	5186569	15
9			Fuseholder-Modular, 3-Pole	025-39952-000	343433	15
10			Fuse, Cartridge Type 20 Amp	025-34142-000	739009	15
9A		2	8 Std Fan Inv Encl Assy Lh Door	392-35823-008	5296879	15
1			Inverter-Enclosure Assy	024-39401-004	5186580	15
9			Fuseholder-Modular, 3-Pole	025-39952-000	343433	15
10			Fuse, Cartridge Type 20 Amp	025-34142-000	739009	15
8	0309/1069	1	9 Haf Fan Inv Assy-Rh Door	392-35823-003	5186591	15
1			Inverter-Enclosure Assy	024-39401-003	5186569	15
9			Fuseholder-Modular, 3-Pole	025-39952-000	343433	15
10			Fuse, Cartridge Type 20 Amp	025-34142-000	739009	15
9A		2	7 Haf Fan Inv Assy-Lh Door	392-35823-005	5188458	15
1			Inverter-Enclosure Assy	024-39401-005	5188456	15
9			Fuseholder-Modular, 3-Pole	025-39952-000	343433	15
10			Fuse, Cartridge Type 20 Amp	025-34142-000	739009	15

TABLE 11 - FAN INVERTER (CONT'D)

ITEM	MODELS	SYSTEM #	DESCRIPTION	PART NUMBER	SAP NUMBER	FIGURE
8	0359/1239	1	9 Haf Fan Inv Assy-Rh Door	392-35823-003	5186591	15
1			Inverter-Enclosure Assy	024-39401-003	5186569	15
9			Fuseholder-Modular, 3-Pole	025-39952-000	343433	15
10			Fuse, Cartridge Type 20 Amp	025-34142-000	739009	15
9A		2	9 Haf Fan Inv Assy-Lh Door	392-35823-004	5186592	15
1			Inverter-Enclosure Assy	024-39401-004	5186580	15
9			Fuseholder-Modular, 3-Pole	025-39952-000	343433	15
10			Fuse, Cartridge Type 20 Amp	025-34142-000	739009	15



LD23216

FIGURE 15 - FAN INVERTER

TABLE 12 - SOFTWARE

DESCRIPTION	PART NUMBER	SAP	QUANTITY
SD Card with Software Control Board	031-03476-010	1201877	1
Blank SD Card	031-03466-000	1152945	1



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