

	AIR-COOLED SCREW LIQUID CHILLERS	
SUPPLEMENTAL PARTS LIST	Supersedes: 201.31-RP2.1 (717)	Form 201.31-RP2.1 (218)

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

**2 COMPRESSOR
50 AND 60 HZ**



R-134A



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

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:



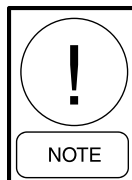
Indicates a possible hazardous situation which will result in death or serious injury if proper care is not taken.



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 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)

NOMENCLATURE

YVFA

UNIT TYPE

YORK
Variable Speed Screw
Free Cooling Chiller
Design Series A

025

**UNIT
DESIGNATOR**

0259
0309
0359

9 A A A

CONDENSER CODE

EVAPORATOR CODE

COMPRESSOR CODE

**CONDENSER FAN &
SOUND KIT CODE**

46

VOLTAGE CODE

-17 = 208/3/60
-28 = 230/3/60
-46 = 460/3/60
-50 = 380-415/3/50
-58 = 575/3/60

A

MOD LEVEL

A

REFRIGERANT
R-134a

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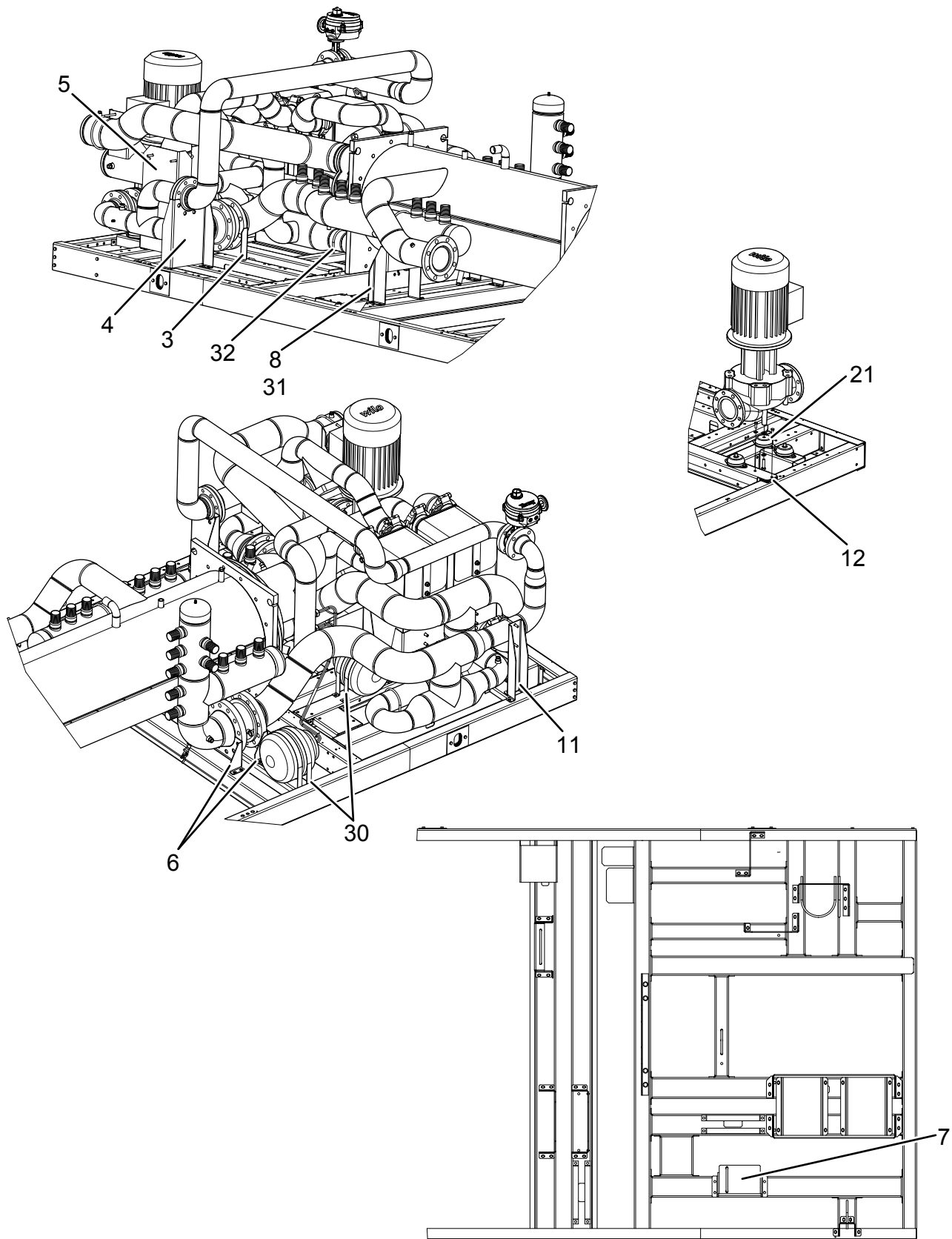
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PIPING

TABLE 1 - GLYCOL PIPING MODEL 0159

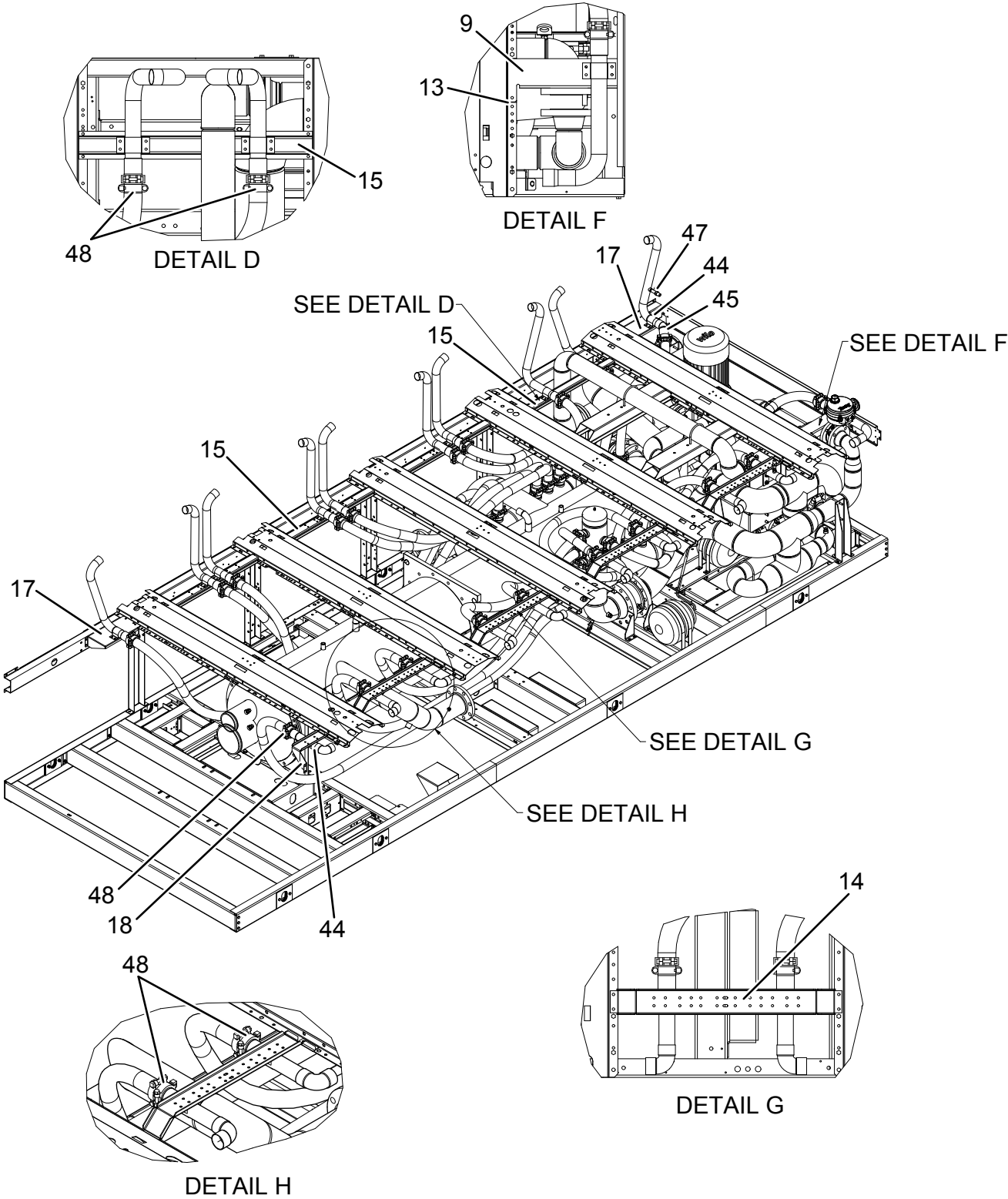
ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
1	Hose Epdm Id=2.000In Black	028-17208-000	5176440	137 Ft.	*
3	Support Glycol Piping	092-30614-049	5370781	1	1
4	Support Glycol Piping	092-30614-050	5370782	1	1
5	Support Glycol Piping	092-30614-051	5370783	1	1
6	Support Glycol Piping	092-30614-052	5370784	2	1
7	Support Glycol Piping	092-30614-053	5370785	1	1
8	Support Glycol Piping	092-30614-054	5370786	1	1
9	Support Glycol Piping	092-30614-055	5370787	1	2
10	Support Glycol Piping	092-30614-056	5370788	2	*
11	Support Glycol Piping	092-30614-057	5370789	1	1
12	Support Motor	092-30614-058	5370790	3	1
13	Support Glycol Piping	092-30614-061	5370791	1	2
14	Bracket Glycol Piping	092-30614-062	5353108	4	2
15	Bracket Glycol Piping	092-30614-063	5353109	3	2
16	Bracket Glycol Piping	092-30614-064	5353110	1	*
17	Bracket Glycol Piping	092-30614-065	5353111	1	2
18	Bracket Glycol Piping	092-30614-068	5353112	1	2
19	Bracket Support Glycol Piping	092-30614-071	5370793	1	*
21	Isolator Mount Rubber 980N A H=42Mm	028-17227-001	5186668	3	1
30	Expansion Tank Clamp	092-40645-036	5186712	4	1
31	Bolt U 3/8 Dia X 6-3/4	021-14334-000	729815	5	1
32	Bolt U 3/8 Dia X 4-5/8	021-18755-000	401673	5	1
44	Tube Clamp 2-1/8	092-49186-009	5302026	20	2
45	Barb Hose 2" X 2-1/8 Solder	092-18461-209	5176478	20	2
47	Valve, Charging Brass	022-09754-000	391983	2	2
48	Clamp Dble Blt 58.7 - 66.7Mm Cs	021-34347-000	5176247	80	2
49	Flexible Coupling Victaulic 6	023-23834-003	435474	2	*

NOTE: Items with an * are NOT represented.



LD22361

FIGURE 1 - GLYCOL PIPING MODEL 0159



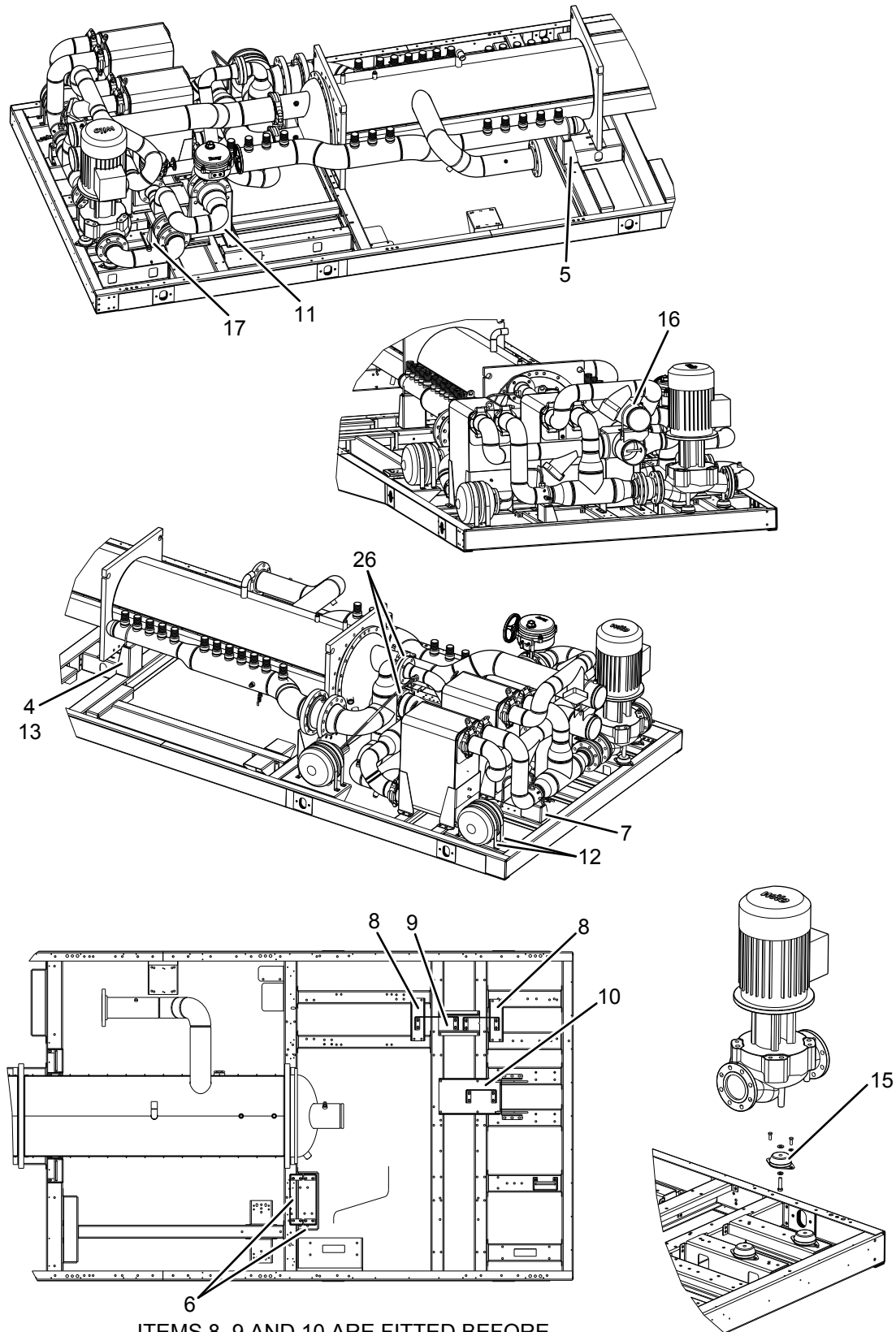
LD22362

FIGURE 2 - GLYCOL PIPING MODEL 0159

TABLE 2 - GLYCOL PIPING MODEL 0209

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
4	Support Glycol Piping	092-30614-022	5241552	1	3
5	Support Glycol Piping	092-30614-024	5241554	1	3
6	Support Glycol Piping	092-30614-023	5241553	2	3
7	Support Glycol Piping	092-30614-021	5241551	1	3
8	Support Glycol Piping	092-30614-032	5241562	2	3
9	Support Glycol Piping	092-30614-031	5241561	1	3
10	Support Glycol Piping	092-30614-030	5241560	1	3
11	Support Glycol Piping	092-30614-027	5241557	1	3
12	Expansion Tank Clamp	092-40645-036	5186712	2	3
13	Bolt U 3/8 Dia X 4-5/8	021-18755-000	401673	3	3
15	Isolator Mount Rubber 980N A H=42Mm	028-17227-001	5186668	3	3
16	Bolt U 3/8 Dia X 6-3/4	021-14334-000	729815	3	3
17	Support Glycol Piping	092-30614-028	5241558	1	3
26	Flexible Coupling Victaulic 6	023-23834-003	435474	2	3
38	Tube Clamp 2-1/8	092-49186-009	5302026	24	4
39	Bracket Glycol Piping	092-30614-068	5353112	1	4
40	Bracket Glycol Piping	092-30614-062	5353108	5	4
41	Elbow Std 90 Deg 2-1/8" Ftg X C Long Rad	023-09711-000	846193	1	4
42	Bracket Glycol Piping	092-30614-069	5353113	1	4
43	Bracket Glycol Piping	092-30614-065	5353111	1	4
44	Bracket Glycol Piping	092-30614-063	5353109	5	4
45	Bracket Glycol Piping	092-30614-064	5353110	1	4
46	Barb Hose 2" X 2-1/8 Solder	092-18461-209	5176478	24	4
47	Clamp Dble Blt 58.7 - 66.7Mm Cs	021-34347-000	5176247	96	4

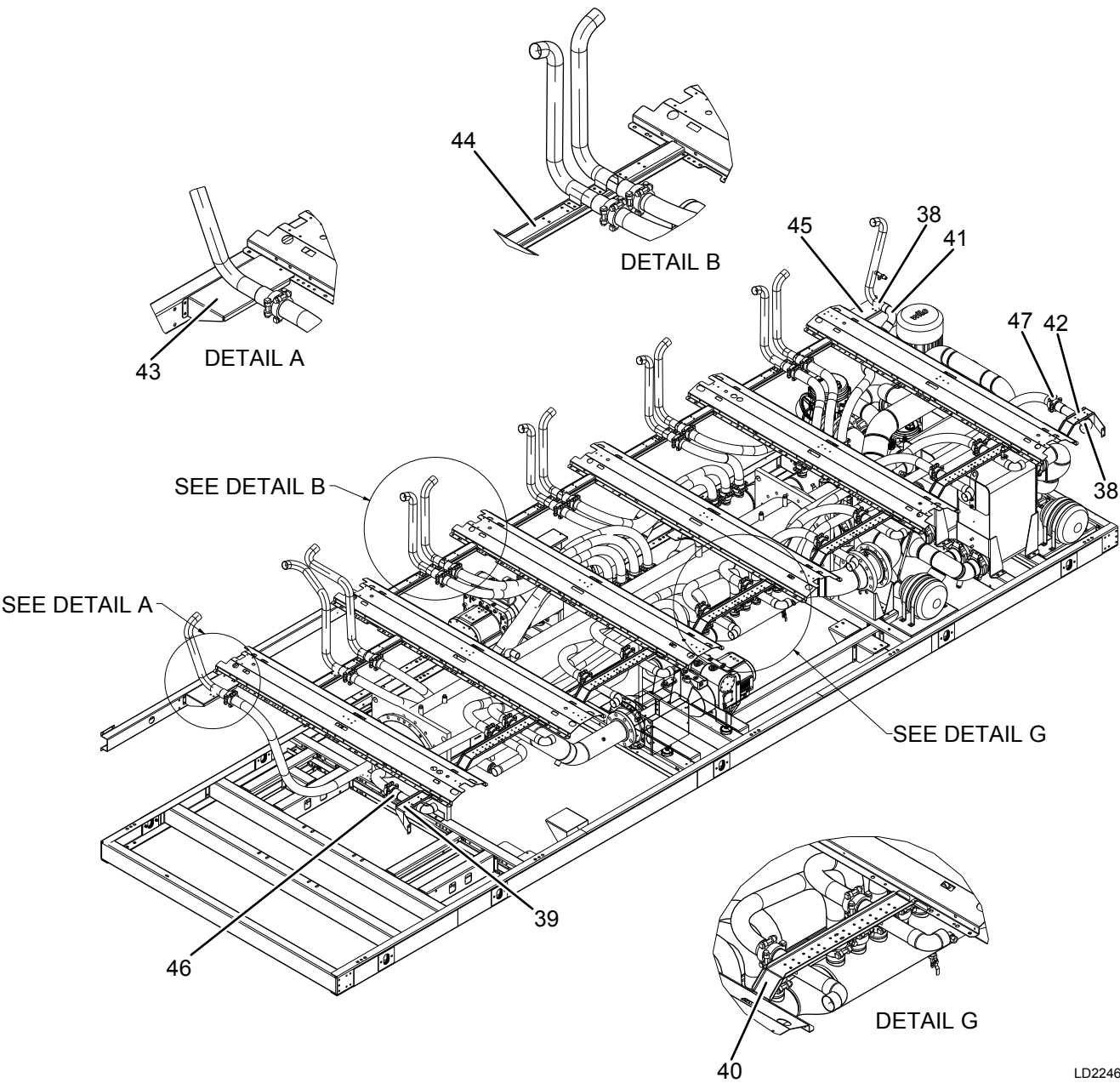
NOTE: Items with an * are NOT represented.



ITEMS 8, 9 AND 10 ARE FITTED BEFORE
OTHER SUPPORT BRACKETS

LD22459

FIGURE 3 - GLYCOL PIPING MODEL 0209



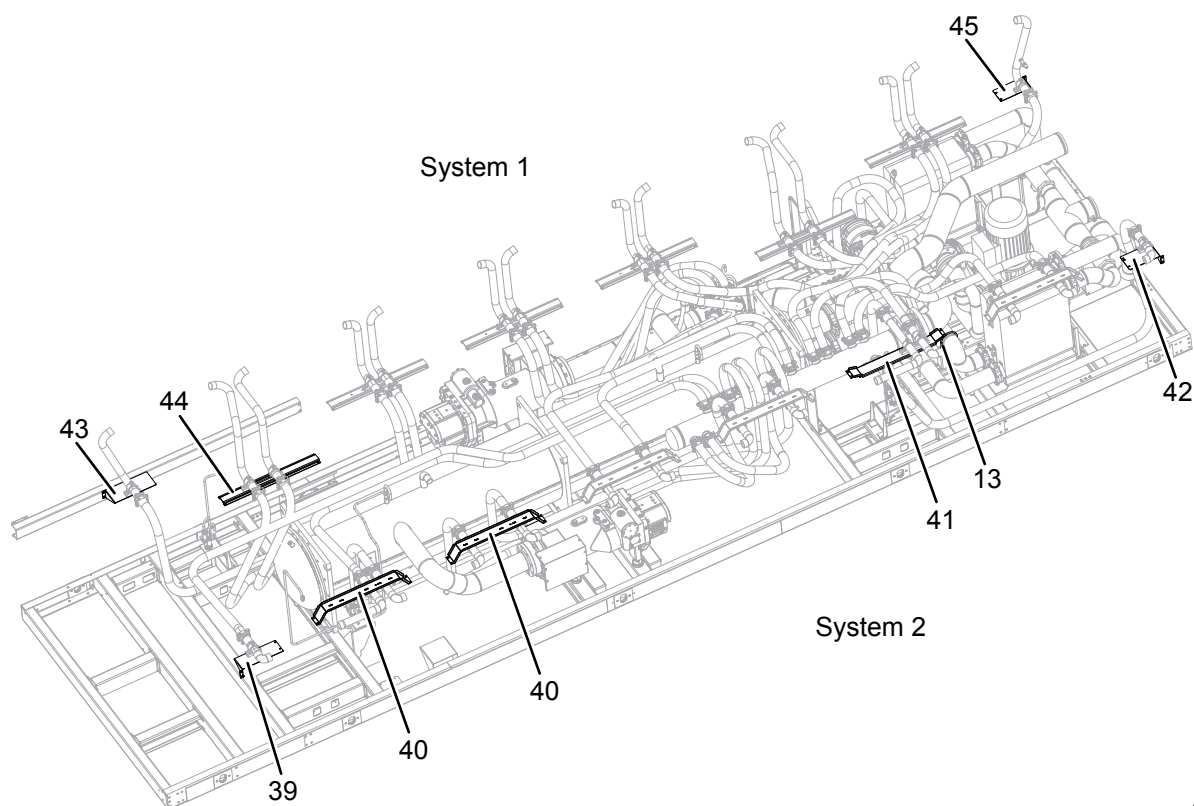
LD22460

FIGURE 4 - GLYCOL PIPING MODEL 0209

TABLE 3 - GLYCOL PIPING MODEL 0259

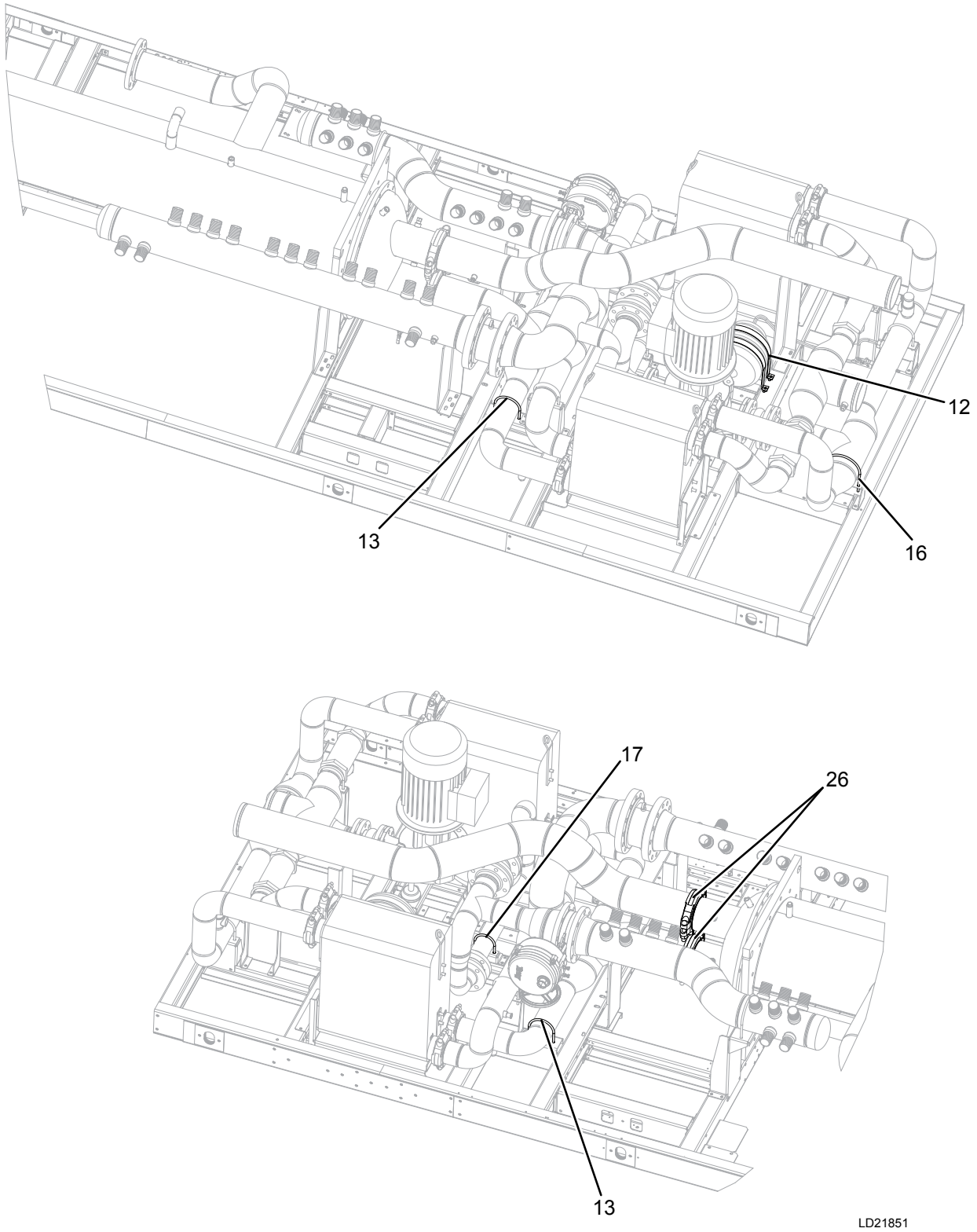
ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
1	Hose, Epdm Id=2.000In Black	028-17208-000	5176440	302 Ft.	*
12	Clamp, Expansion Tank	092-40645-036	5186712	2	6
13	Bolt, U 3/8 Dia X 4-5/9	021-18755-000	401673	7	5, 6
16	Bolt, U 3/8 Dia X 6-3/5	021-14334-000	729815	2	6
17	Bolt, U 3/8 Dia X 3-5/9	021-18827-000	730309	1	6
26	Coupling, Flexible Victaulic (6")	023-23834-003	435474	2	6
39	Bracket, Support	092-40645-050	5186726	1	5
40	Bracket, Glycol Piping	092-40645-043	5186719	5	5
41	Bracket, Glycol Piping	092-40645-045	5186721	1	5
42	Support, Bracket	092-40645-049	5186725	1	5
43	Support, Bracket	092-40645-051	5186727	1	5
44	Support, Bracket	092-40645-047	5186723	6	5
45	Support, Bracket	092-40645-048	5186724	1	5

NOTE: Items with an * are NOT represented.



LD21852

FIGURE 5 - GLYCOL PIPING MODEL 0259



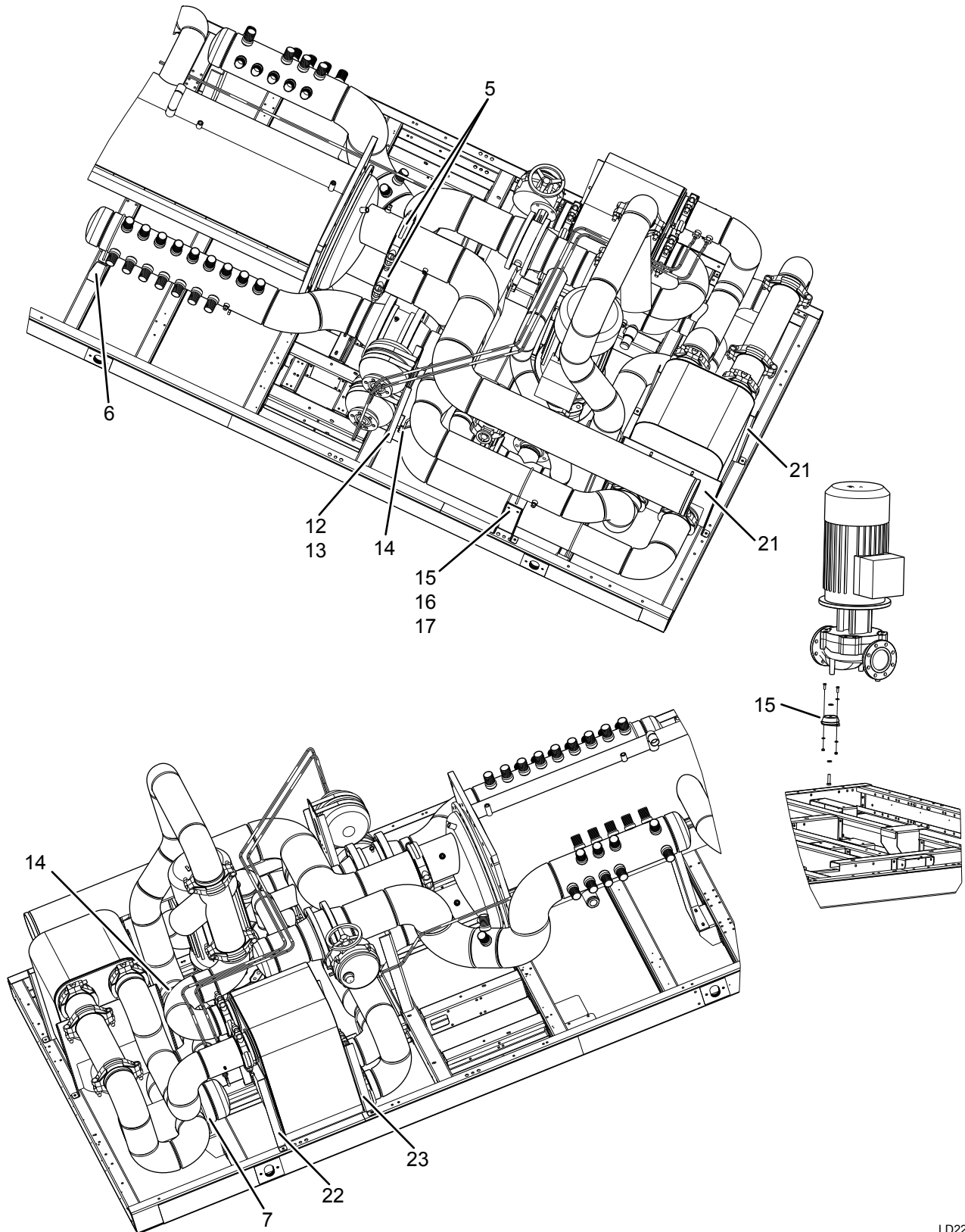
LD21851

FIGURE 6 - GLYCOL PIPING MODEL 0259

TABLE 4 - GLYCOL PIPING MODEL 0289

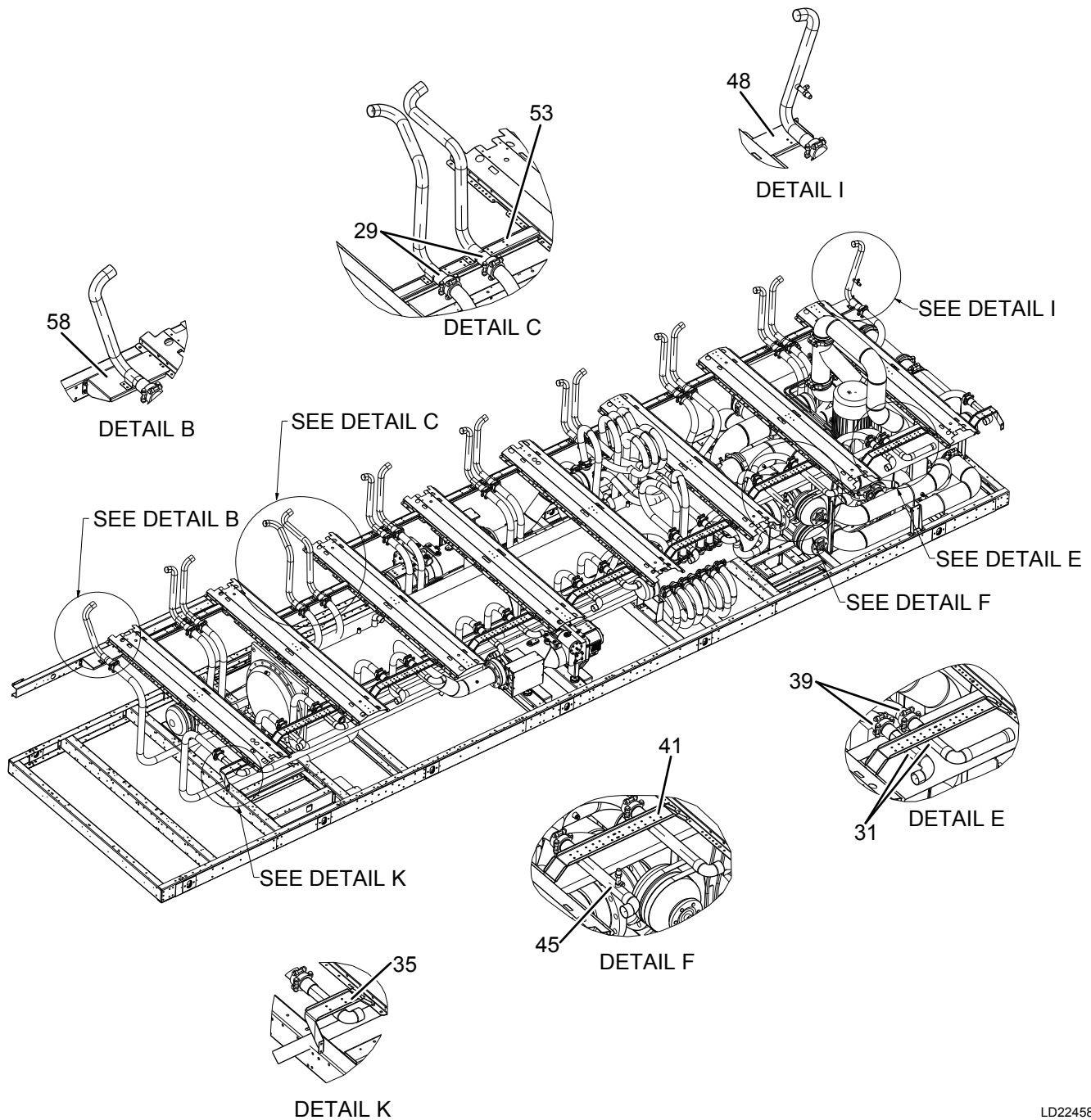
ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
4	Ins Thermal 1-1/2 Thick	010-05998-000	669266	1	*
5	Flexible Coupling Victaulic 8"	023-23834-004	435126	2	7
6	Water Pipe Bracket	092-40645-158	5263076	1	7
7	Bolt U 3/8 Dia X 8-3/4	021-16734-000	729972	2	7
12	Expansion Tank Bracket	092-40645-161	5263079	1	7
13	Expansion Tank Clamp	092-40645-036	5186712	4	7
14	Bolt U 3/8 Dia X 6-3/4	021-14334-000	729815	5	7
15	Water Pipe Bracket	092-40645-155	5263073	1	7
16	Bracket Support	092-40645-156	5263074	1	7
17	Water Pipe Bracket	092-40645-157	5263075	1	7
21	Phe Bracket	092-40645-099	5263071	2	7
22	Phe Bracket	092-40645-098	5263070	1	7
23	Phe Bracket	092-40645-097	5263069	1	7
24	Isolator Mount Rubber 980N A H=42Mm	028-17227-001	5186668	3	7
29	Barb Hose 2" X 2-1/8 Solder	092-18461-209	5176478	32	8
31	Tube Clamp 2-1/8	092-49186-009	5302026	32	8
35	Bracket Glycol Piping	092-30614-068	5353112	1	8
39	Clamp Dble Blt 58.7 - 66.7Mm Cs	021-34347-000	5176247	64	8
41	Bracket Glycol Piping	092-30614-062	5353108	7	8
45	Valve, Charging Brass	022-09754-000	391983	2	8
48	Bracket Glycol Piping	092-30614-064	5353110	1	8
53	Bracket Glycol Piping	092-30614-063	5353109	7	8
58	Bracket Glycol Piping	092-30614-065	5353111	1	8

NOTE: Items with an * are NOT represented.



LD22457

FIGURE 7 - GLYCOL PIPING MODEL 0289



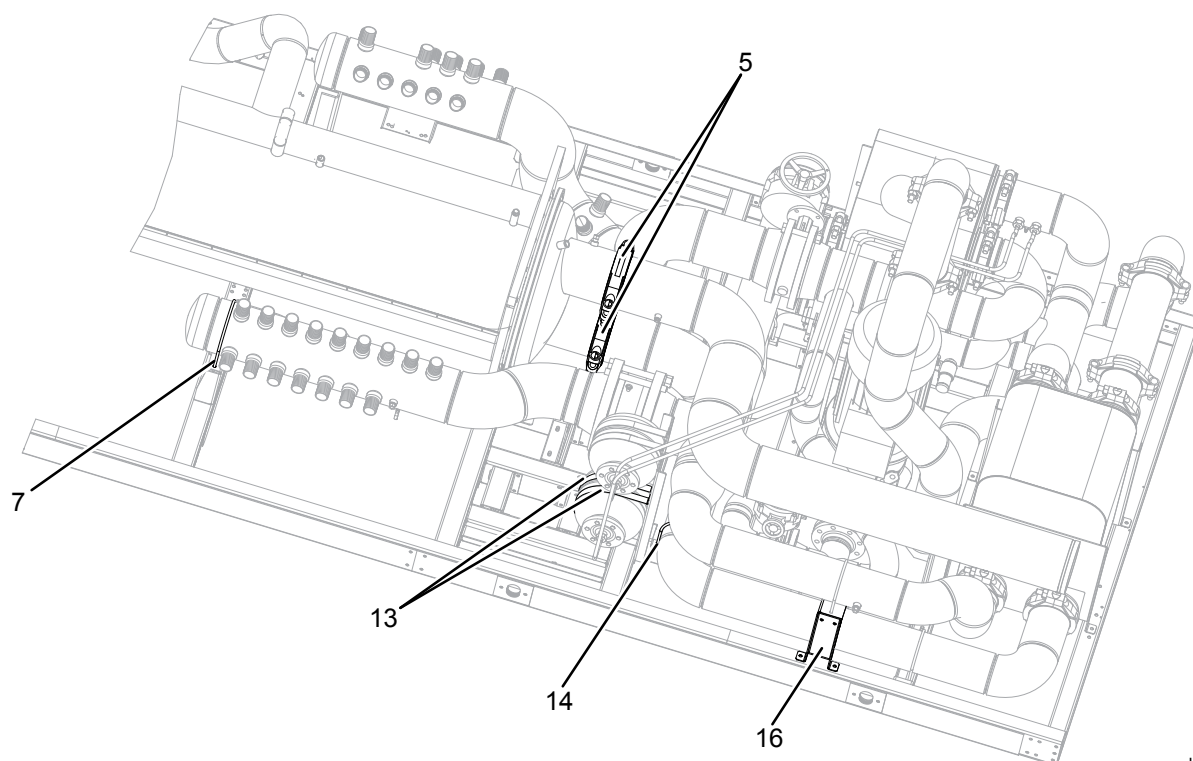
LD22458

FIGURE 8 - GLYCOL PIPING MODEL 0289

TABLE 5 - GLYCOL PIPING MODEL 0309

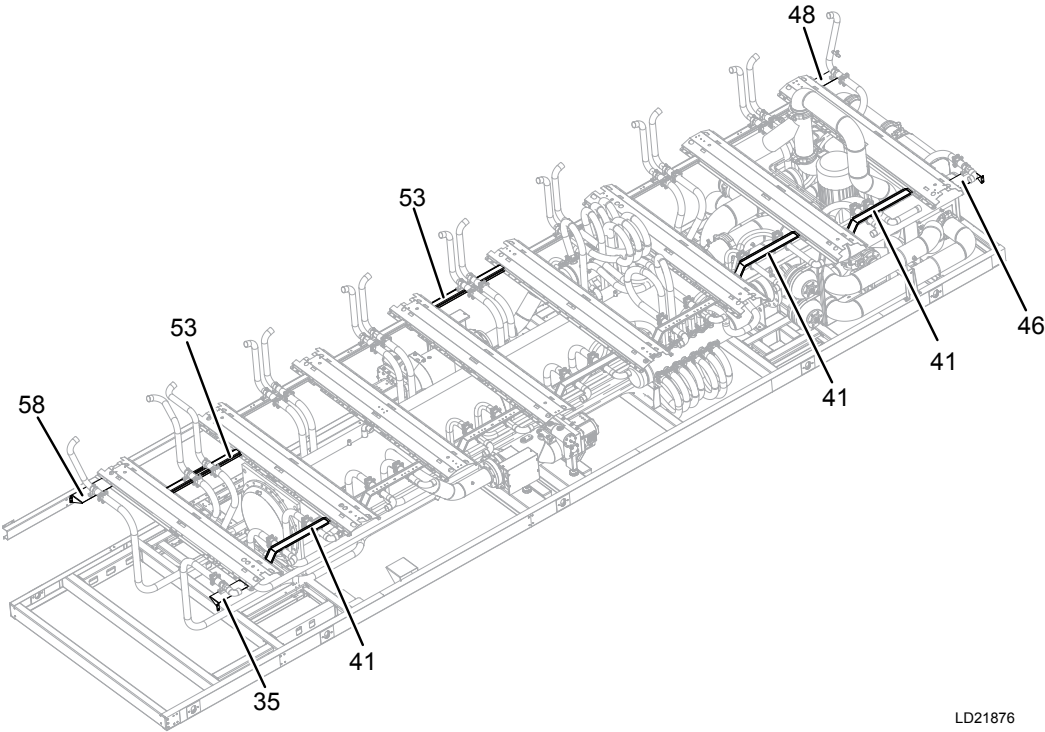
ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
1	Hose, Epdm Id=2" Black	028-17208-000	5176440	424 Ft.	*
5	Coupling, Flexible Victaulic (8")	023-23834-004	435126	2	9
7	Bolt, U 3/8 Dia X 8-3/5	021-16734-000	729972	2	9
13	Clamp, Expansion Tank	092-40645-036	5186712	4	9
14	Bolt, U 3/8 Dia X 6-3/5	021-14334-000	729815	5	9
16	Support, Bracket	092-40645-156	5263074	1	9
35	Support, Bracket, Glycol Piping	092-30614-017	5176490	1	10
41	Support, Bracket, Glycol Piping	092-30614-013	5176486	7	10
46	Support, Bracket, Glycol Piping	092-30614-014	5176487	1	10
48	Support, Bracket, Glycol Piping	092-30614-011	5176484	1	10
53	Support, Bracket, Glycol Piping	092-30614-012	5176485	7	10
58	Support, Bracket, Glycol Piping	092-30614-018	5176491	1	10

NOTE: Items with an * are NOT represented.



LD21875

FIGURE 9 - GLYCOL PIPING MODEL 0309



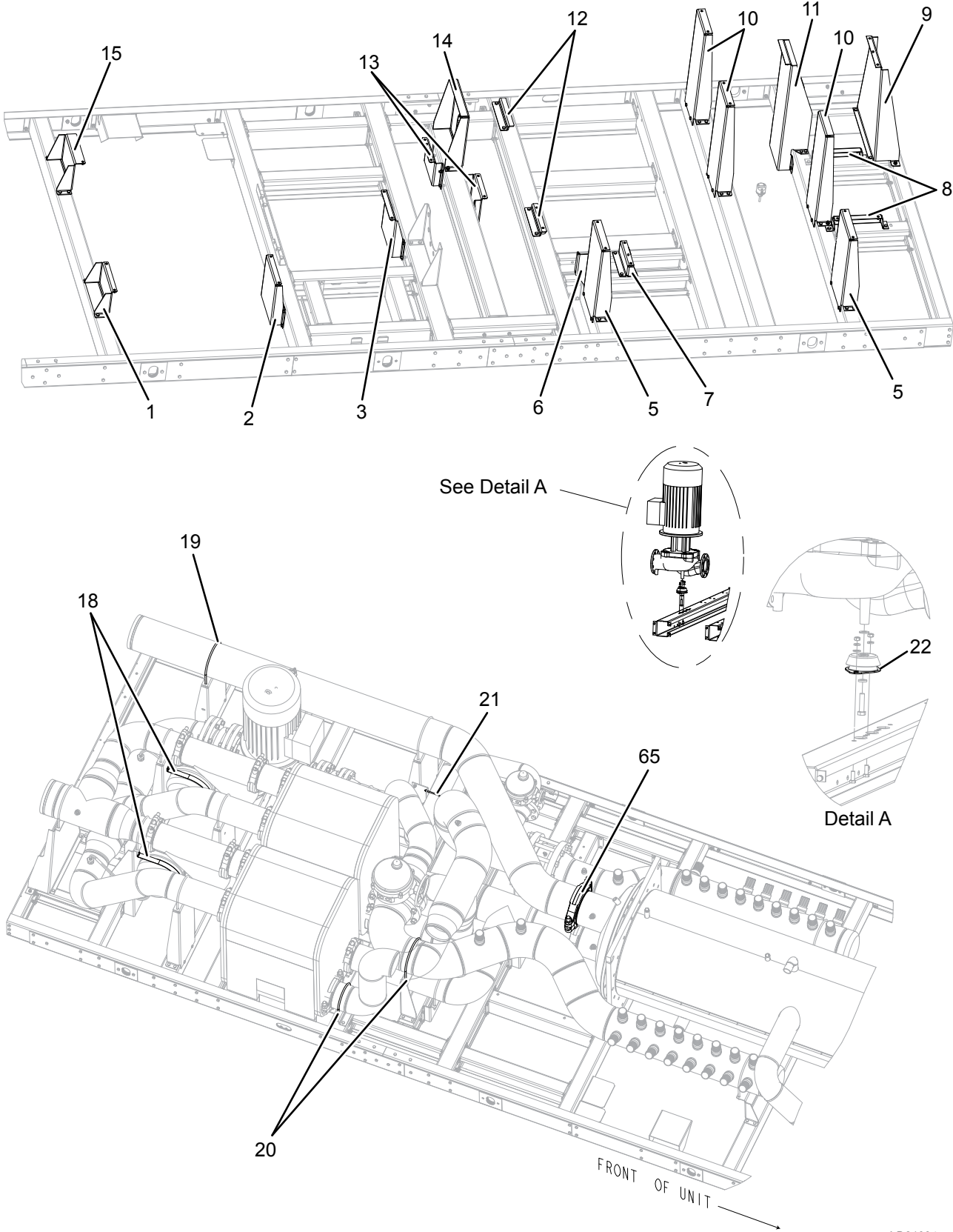
LD21876

FIGURE 10 - GLYCOL PIPING MODEL 0309

TABLE 6 - GLYCOL PIPING MODEL 0359

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
1	Bracket, Glycol Piping	092-18461-361	5270939	1	11
2	Bracket, Glycol Piping	092-18461-364	5270942	1	11
3	Bracket, Glycol Piping	092-40645-150	5270959	1	11
5	Bracket, Glycol Piping	092-40645-148	5270957	2	11
6	Bracket, Glycol Piping	092-40645-149	5270958	1	11
7	Bracket, Glycol Piping	092-40645-142	5270952	1	11
8	Bracket, Glycol Piping	092-40645-140	5270950	2	11
9	Bracket, Glycol Piping	092-40645-154	5270961	1	11
10	Bracket, Glycol Piping	092-40645-143	5270953	3	11
11	Bracket, Glycol Piping	092-40645-144	5270954	1	11
12	Bracket, Glycol Piping	092-40645-147	5270956	2	11
13	Bracket, Glycol Piping	092-40645-151	5270960	2	11
14	Bracket, Glycol Piping	092-40645-146	5270955	1	11
15	Bracket, Glycol Piping	092-18461-362	5270940	1	11
18	Clamp, Expansion Tank	092-40645-036	5186712	4	11
19	Bolt, U 3/8 Dia X 8-3/5	021-16734-000	729972	10	11
20	Bolt, U 3/8 Dia X 6-3/5	021-14334-000	729815	9	11
21	Bolt, U 1/4 Dia X 4-5/9	021-33690-000	1129720	1	11
22	Isolator, Mount Rubber 1961N A H=42Mm	028-17227-002	5270898	3	11
23	Support, Bracket Glycol Piping	092-30614-018	5176491	1	12
24	Support, Bracket Glycol Piping	092-30614-011	5176484	1	12
25	Support, Bracket Glycol Piping	092-30614-014	5176487	1	12
26	Support, Bracket Glycol Piping	092-30614-017	5176490	1	12
41	Support, Bracket Glycol Piping	092-30614-012	5176485	8	12
42	Support, Bracket Glycol Piping	092-30614-013	5176486	8	12
43	Clamp, Cush Tub 53.9 - 53.9Mm Stl	021-34428-000	5190619	72	12
47	Clamp, Dble Blt 58.7 - 66.7Mm Cs	021-34347-000	5176247	72	12
49	Valve, Charging Brass	022-09754-000	391983	2	12
65	Coupling, Flexible Victaulic (8")	023-23834-004	435126	2	11
67	Hose, Epdm Id=2" Black	028-17208-000	5176440	403 Ft.	*

NOTE: Items with an * are NOT represented.



LD21884

FIGURE 11 - GLYCOL PIPING MODEL 0359

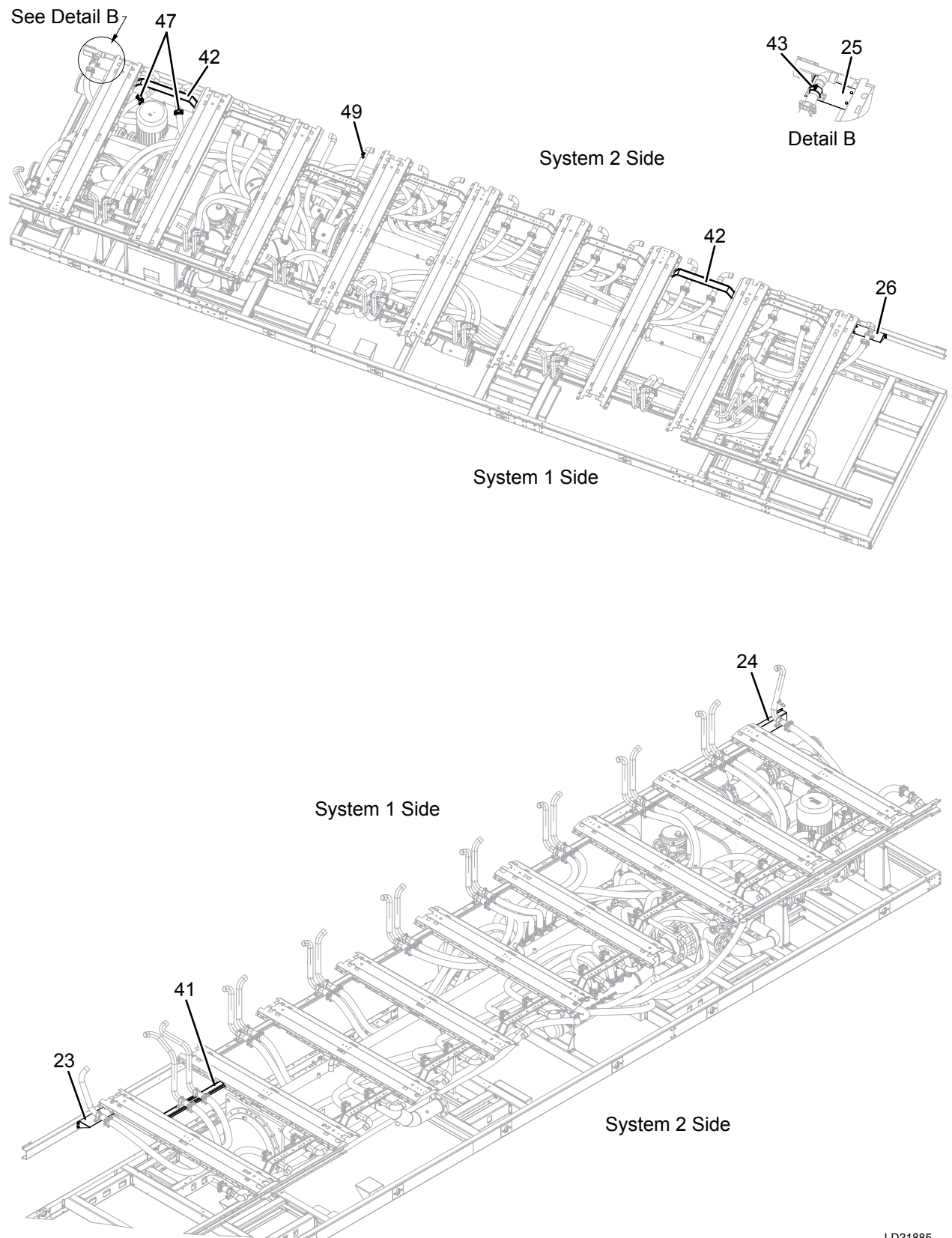
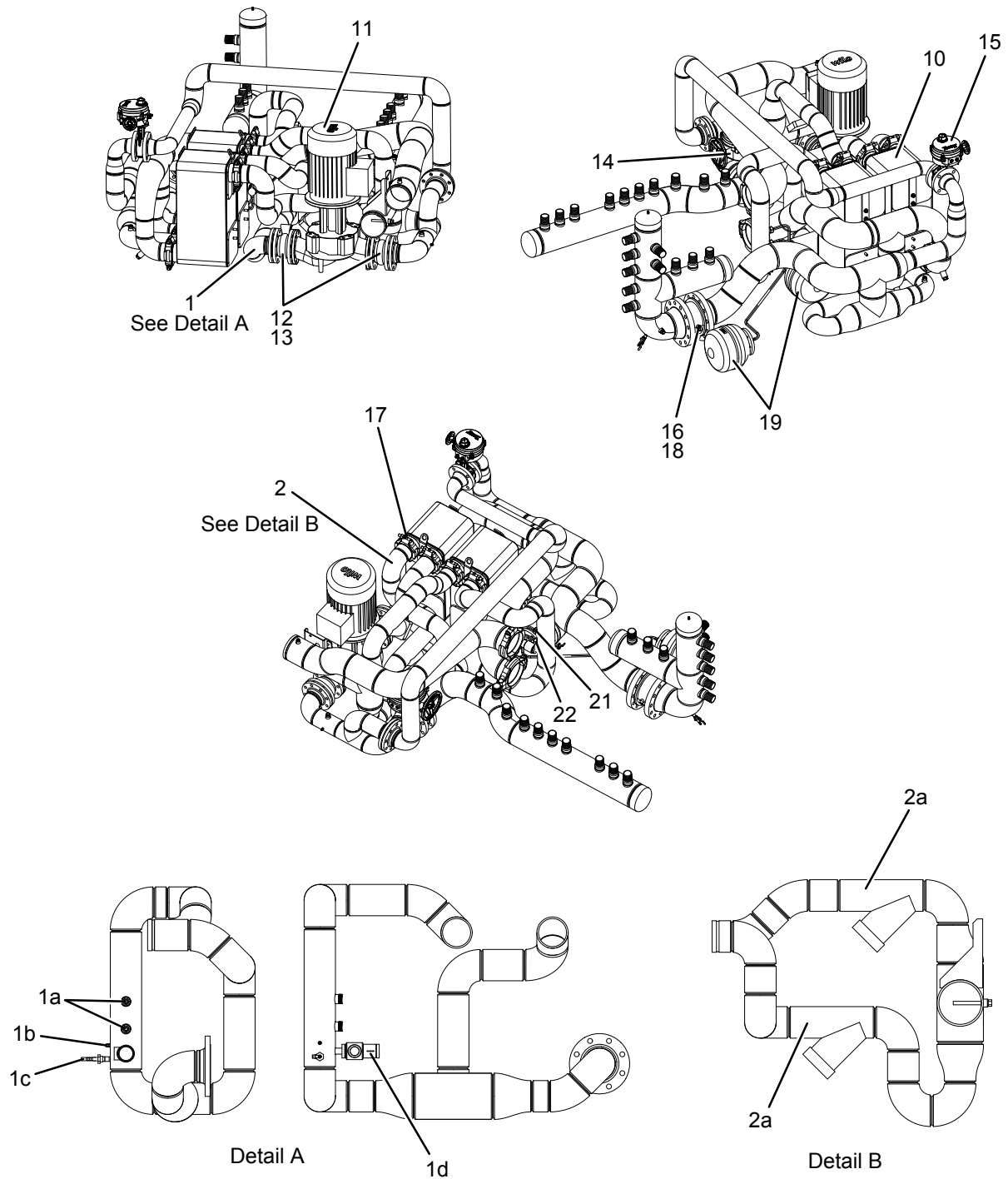


FIGURE 12 - GLYCOL PIPING MODEL 0359

TABLE 7 - GLYCOL STEEL PIPING MODEL 0159

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
1	Piping Assembly Glycol	392-40646-044	5370850	1	13
1a	Pipe Adaptor	092-40645-052	5241563	1	13
1b	Adapter Fla 1/4 Ext X	023-06596-000	731830	1	13
1c	Valve IsIn Ball Knob Dn15 / 1/2In Thd Br	022-00012-006	1101141	1	13
1d	Valve Relief 9.7 Bar 1/2In X 1In Thd	022-12847-000	5113677	1	13
2	Piping Assembly Glycol	392-40646-045	5370851	1	13
2a	Strainer Assy Str 20Mm 4In Bw Cs Cl150	026-50330-000	5366385	2	13
10	PHE Ins Assy	392-40651-008	5370859	1	13
11	Pump Centrif 15.0 Kw 400 /3 /50 640 Gpm	026-49638-005	5287113	1	13
12	Gasket Ring Dn=4In Pn16 Ptfе	028-17190-004	5186667	5	13
13	Exp Joint Expjoint=Rubsinglearch 1620Kpa	026-49647-004	5186666	2	13
14	Valve IsIn Btfl Elec Dn150 / 6In Flgfix	022-14117-000	5186663	1	13
15	Valve IsIn Btfl Elec Dn80 / 3In Flgfix	022-14115-000	5186662	1	13
16	Valve Check Dual Dn150 / 6In Flgfix Ss	022-12576-003	1068394	1	13
17	Flexible Coupling Victaulic 4	023-23834-002	733854	8	13
18	Gasket Round Dn=9-7/8In Cl300	028-15075-061	709274	2	13
19	Tank Exp 12.000L Cs D=280Mm 10.0Bar	026-00070-018	232762	2	13
20	Ins Thermal 1-1/2 Thick	010-05998-000	669266	1	*
21	Hose Expn Tank	092-40645-266	5370824	1	13
22	Hose Expn Tank	092-40645-269	5370827	1	13

NOTE: Items with an * are NOT represented.



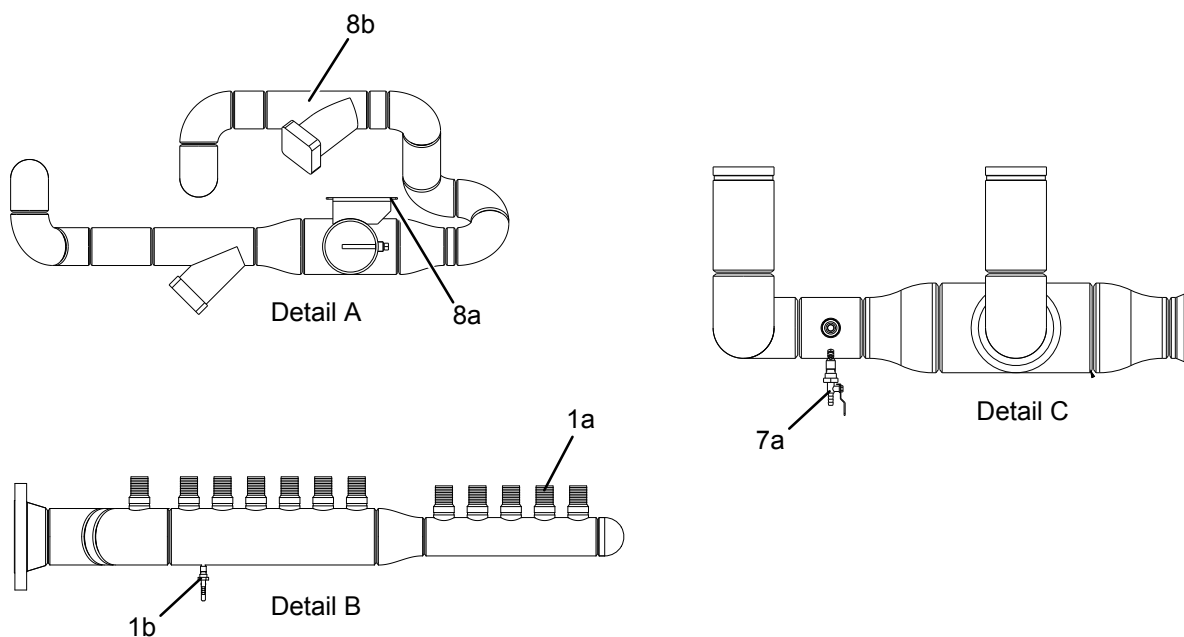
LD22501

FIGURE 13 - GLYCOL STEEL PIPING MODEL 0159

TABLE 8 - GLYCOL STEEL PIPING MODEL 0209

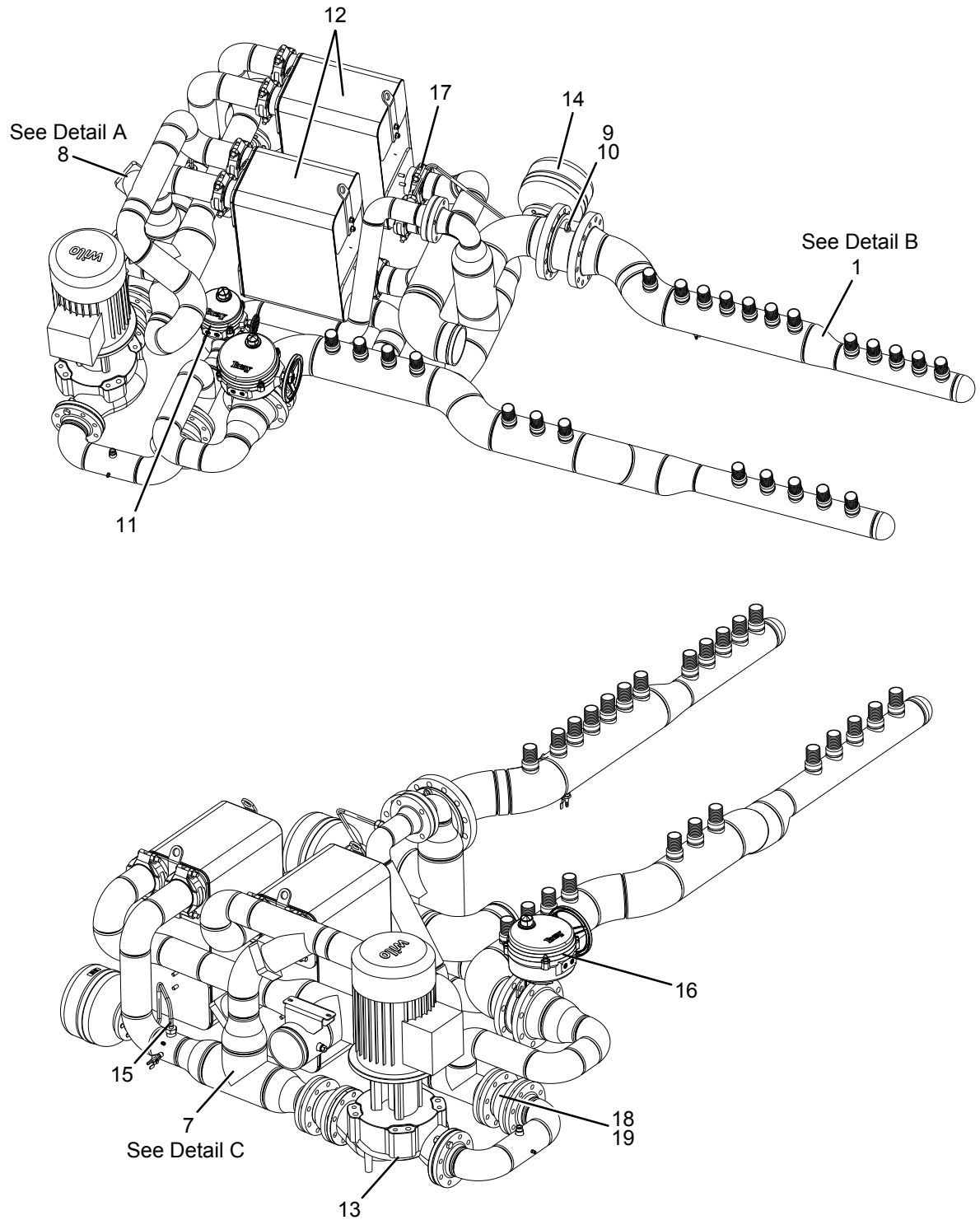
ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
1	Piping Assy Glycol Return	392-40646-000	5241642	1	15
1a	Barb Hose Weld 2"	023-27789-000	5176249	12	14
1b	Valve IsIn Ball Knob Dn15 / 1/2In Thd Br	022-00012-006	1101141	1	14
7	Piping Assy Glycol	392-40646-016	5241647	1	15
7a	Valve IsIn Ball Knob Dn15 / 1/2In Thd Br	022-00012-006	1101141	1	14
8	Piping Assy Water Inlet	392-40646-017	5241648	1	15
8a	Support Water Out	092-30614-025	5241555	1	14
8b	Strainer Assy Str 20Mm 4In Bw Cs Cl150	026-50330-000	5366385	2	14
9	Valve Check Dual Dn150 / 6In Flgfix Ss	022-12576-003	1068394	1	15
10	Gasket Round Dn=9-7/8In Cl300	028-15075-061	709274	2	15
11	Valve IsIn Btfl Elec Dn80 / 3In Flgfix	022-14115-000	5186662	1	15
12	PHE Ins Assy	392-40651-002	5241651	2	15
13	Pump Centrif 15.0 Kw 400 /3 /50 640 Gpm	026-49638-005	5287113	1	15
14	Tank Exp 12.000L Cs D=280Mm 10.0Bar	026-00070-018	232762	1	15
15	Hose Expansion Tank	092-40645-135	5241615	1	15
16	Valve IsIn Btfl Elec Dn150 / 6In Flgfix	022-14117-000	5186663	1	15
17	Flexible Coupling Victaulic 4	023-23834-002	733854	8	15
18	Exp Joint Expjoint=Rubsinglearch 1620Kpa	026-49647-004	5186666	2	15
19	Gasket Ring Dn=4In Pn16 Ptfe	028-17190-004	5186667	5	15

NOTE: Items with an * are NOT represented.



LD22503

FIGURE 14 - GLYCOL STEEL PIPING MODEL 0209



LD22502

FIGURE 15 - GLYCOL STEEL PIPING MODEL 0209

TABLE 9 - GLYCOL STEEL PIPING MODEL 0259

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
9	Valve, Check Dual Dn150 / 6" Flgfix Ss	022-12576-003	1068394	1	16
10	Gasket, Round Dn=9-7/8" CI301	028-15075-061	709274	2	16
11	Valve, Isln Btfl Elec Dn80 / 3" Flgfix	022-14115-000	5186662	1	16
13	Pump, Centrif 19.0 Kw 400 /3 /50 195 M3/H	026-49638-001	5186665	1	16
14	Tank, Exp 12.000L Cs D=280Mm 10.0Bar	026-00070-018	232762	1	16
16	Valve, Isln Btfl Elec Dn150 / 6ln Flgfix	022-14117-000	5186663	1	16
17	Coupling, Flexible Victaulic (4")	023-23834-002	733854	8	16
18	Joint, Expansion 1620Kpa	026-49647-004	5186666	2	16
19	Gasket, Ring Dn=4ln Pn16 Ptfe	028-17190-004	5186667	1	16
30	Valve, Relief 9.7 Bar 1/2ln X 1ln Thd	022-12847-000	5113677	1	16

NOTE: Items with an * are NOT represented.

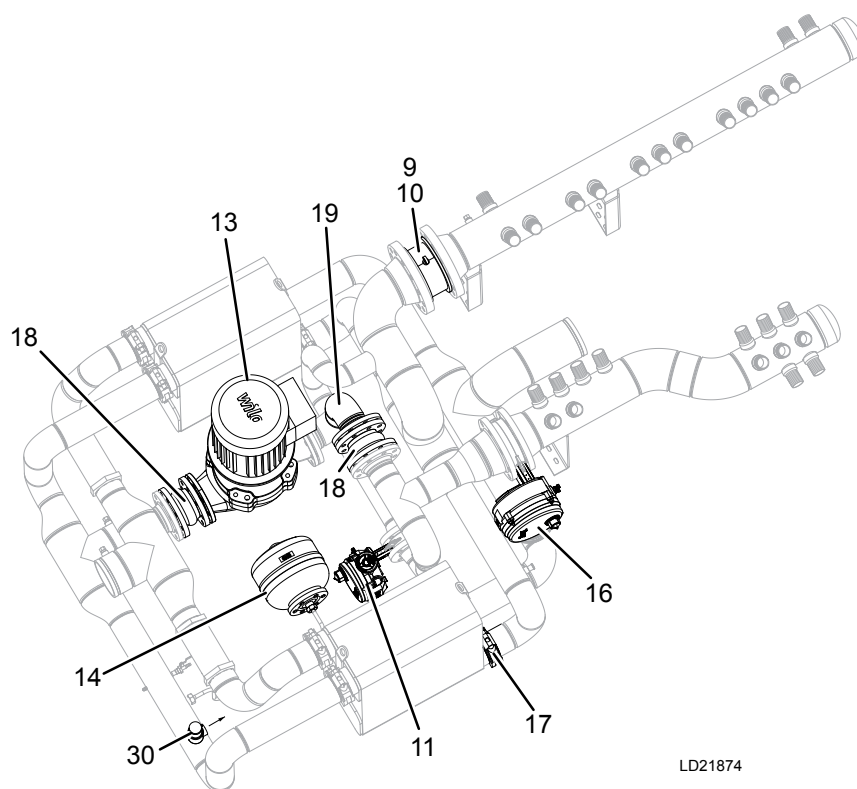
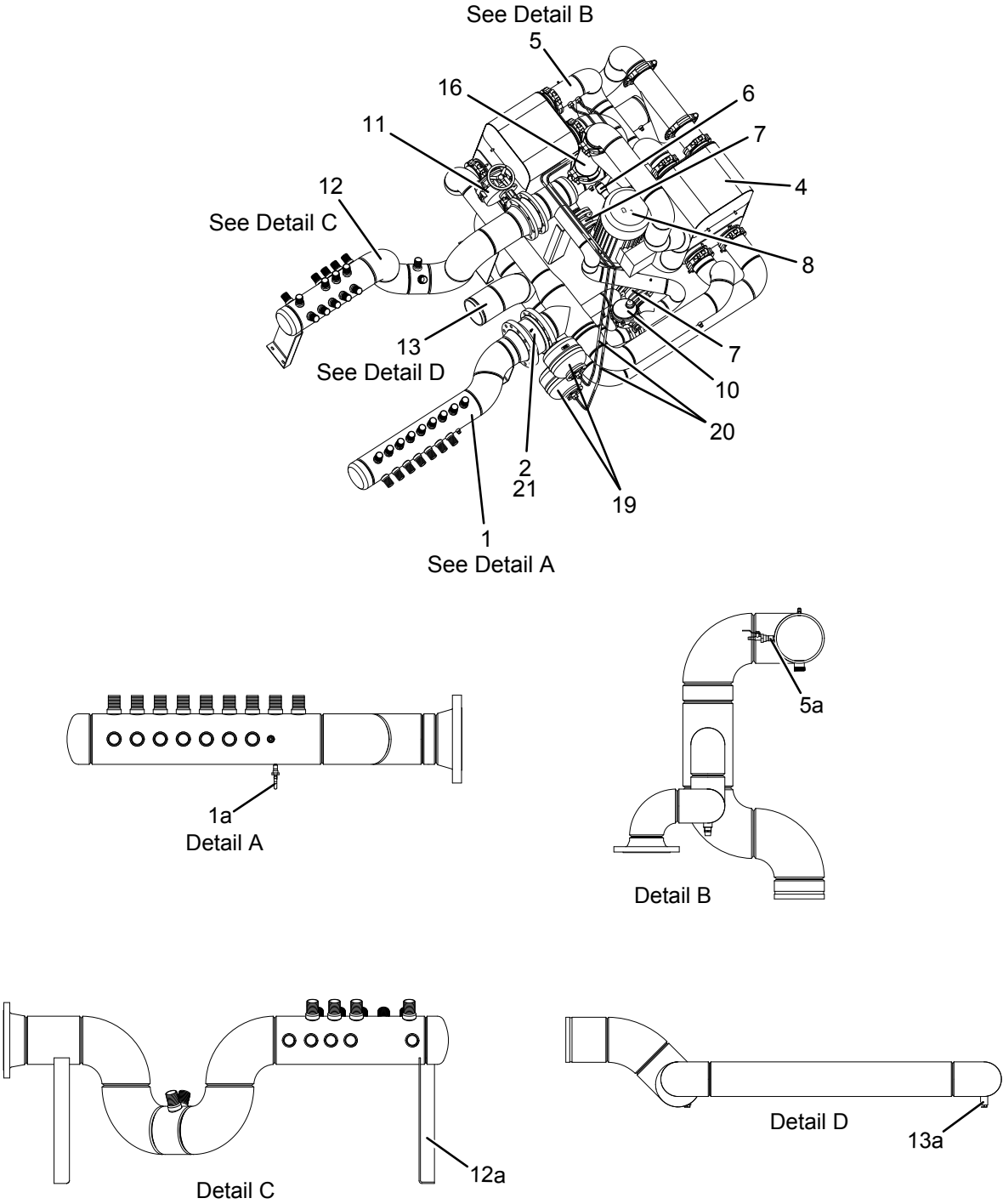


FIGURE 16 - GLYCOL STEEL PIPING MODEL 0259

TABLE 10 - GLYCOL STEEL PIPING MODEL 0289

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
1	Piping Sub Coil To PHE	392-40646-022	5263105	1	17
1a	Valve IsIn Ball Knob Dn15 / 1/2In Thd Br	022-00012-006	1101141	1	17
2	Valve Check Dual Dn200 / 8In Flgfix Ss	022-12576-004	1068393	1	17
4	PHE Ins Assy	392-40651-006	5291039	2	17
5	Piping Sub Phe To Pump	392-40646-032	5291034	1	17
5a	Valve IsIn Ball Knob Dn15 / 1/2In Thd Br	022-00012-006	1101141	1	17
6	Valve Relief 9.7 Bar 1/2In X 1In Thd	022-12847-000	5113677	1	17
7	Exp Joint Expjoint=Rubsinglearch 1620Kpa	026-49647-004	5186666	2	17
8	Pump Centrif 22.0 Kw 400 /3 /50 218 M3/H	026-49638-004	5263033	1	17
10	Valve IsIn Btfl Elec 4In Flgfix Di	022-13188-000	5251249	1	17
11	Valve IsIn Btfl Elec 8In Flgfix Di	022-13189-000	5251540	1	17
12	Piping Sub Pump To Coil	392-40646-025	5263108	1	17
12a	Water Pipe Bracket	092-40645-160	5263078	2	17
13	Piping Sub PHE To Evap	392-40646-031	5291033	1	17
13a	Single-Coupling(Full)	023-24907-005	733980	2	17
15	Strainer Assy Ang 3000Mm 6In Vic Di Pn16	029-27149-000	5251543	2	17
18	Flexible Coupling Victaulic 6	023-23834-003	435474	12	17
19	Tank Exp 12.000L Cs D=280Mm 10.0Bar	026-00070-018	232762	2	17
20	Hose Expn Tank	092-40645-172	5263085	2	17
21	Gasket Ring Dn=8In Cl300 Garlock 5500	028-15075-062	741993	2	17

NOTE: Items with an * are NOT represented.



LD22504

FIGURE 17 - GLYCOL STEEL PIPING MODEL 0289

TABLE 11 - GLYCOL STEEL PIPING MODEL 0309

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
2	Valve, Check Dual Dn200 / 8" Flgfix Ss	022-12576-004	1068393	1	18
6	Valve, Relief 9.7 Bar 1/2" X 1" Thd	022-12847-000	5113677	1	18
7	Joint, Expansion 1620kPa	026-49647-004	5186666	2	18
8	Pump, Centrif 30.0 Kw 400-460 /3 /50/61	026-49638-002	5251542	1	18
10	Valve, Isln Btfl Elec 4" Flgfix Di	022-13188-000	5251249	1	18
11	Valve, Isln Btfl Elec 8" Flgfix Di	022-13189-000	5251540	1	18
15	Strainer, Assy Ang 3000Mm 6" Vic Di Pn17	029-27149-000	5251543	2	18
18	Coupling, Flexible Victaulic (6")	023-23834-003	435474	12	18
19	Tank, Exp 12.000L Cs D=280Mm 10.0Bar	026-00070-018	232762	2	18
21	Gasket, Ring Dn=8" CI300 Garlock 5501	028-15075-062	741993	2	18

NOTE: Items with an * are NOT represented.

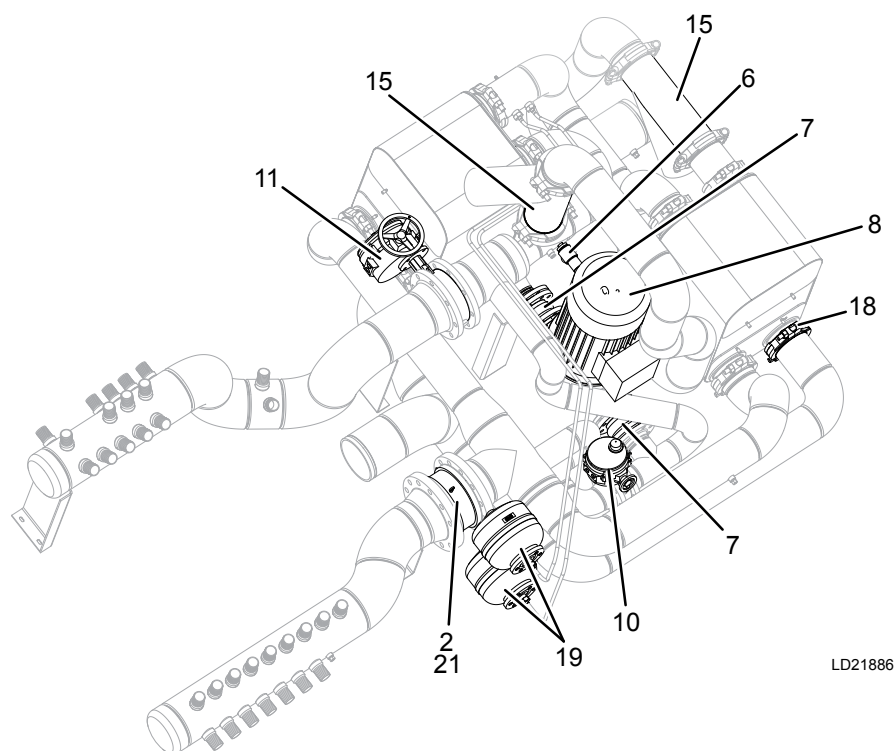
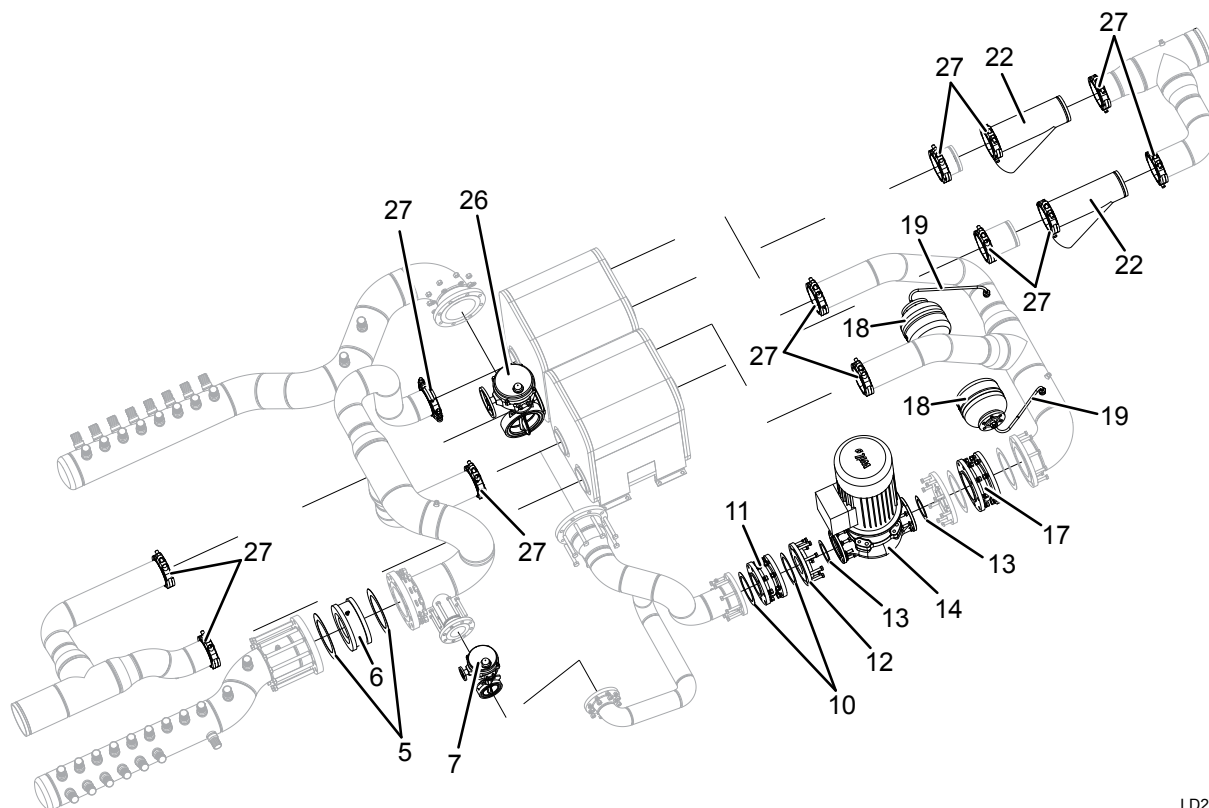


FIGURE 18 - GLYCOL STEEL PIPING MODEL 0309

TABLE 12 - GLYCOL STEEL PIPING MODEL 0359

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
5	Gasket, Ring Dn=8" CI300 Garlock 5501	028-15075-062	741993	2	19
6	Valve, Check Dual Dn200 / 8" Flgfix Ss	022-12576-004	1068393	1	19
7	Valve, Isln Btfl Elec 4" Flgfix Di	022-13188-000	5251249	1	19
10	Gasket, Round Dn=8-3/4" CI151	028-15075-012	705347	2	19
11	Joint, Expansion 6X7	026-45548-000	811343	1	19
12	Plate, Adapter 4" To 6"	092-18461-342	5270921	1	19
13	Gasket, Ring Dn=4ln Pn16 Ptfе	028-17190-004	5186667	2	19
14	Pump, Centrif 30.0 Kw 400-460 /3 /50/61	026-49638-002	5251542	1	19
17	Joint, Expansion	026-47726-000	1105412	1	19
18	Tank, Expansion 12.0L Cs D=280Mm 10.0Bar	026-00070-018	232762	2	19
19	Hose, Expnansion Tank	092-40645-046	5186722	2	19
22	Strainer, Assy Ang 3000Mm 6" Vic Di Pn17	029-27149-000	5251543	2	19
26	Valve, Isln Btfl Elec 8" Flgfix Di	022-13189-000	5251540	1	19
27	Coupling, Flexible Victaulic (6")	023-23834-003	435474	12	19

NOTE: Items with an * are NOT represented.

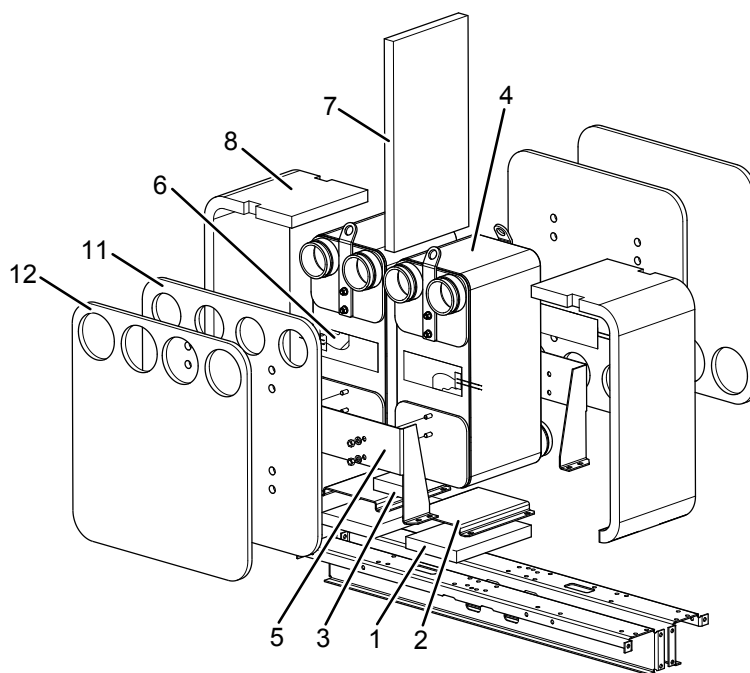


LD21887

FIGURE 19 - GLYCOL STEEL PIPING MODEL 0359

TABLE 13 - PLATE HEAT EXCHANGER INSULATION MODEL 0159

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
1	PHE Insulation	092-40652-018	5370828	2	20
2	Bracket Support PHE	092-42714-028	5370844	2	20
3	PHE Insulation	092-40652-022	5370832	1	20
4	Htexch P&F Evaporator Psig 406 / 406	026-49636-006	5294275	2	20
5	Bracket Support PHE	092-42714-027	5370843	2	20
6	Heater 120 Volts, 45 Watts	025-42878-001	5171450	4	20
7	PHE Insulation	092-40652-023	5370833	1	20
8	PHE Insulation	092-40652-019	5370829	2	20
11	PHE Insulation	092-40652-020	5370830	2	20
12	PHE Insulation	092-40652-021	5370831	2	20

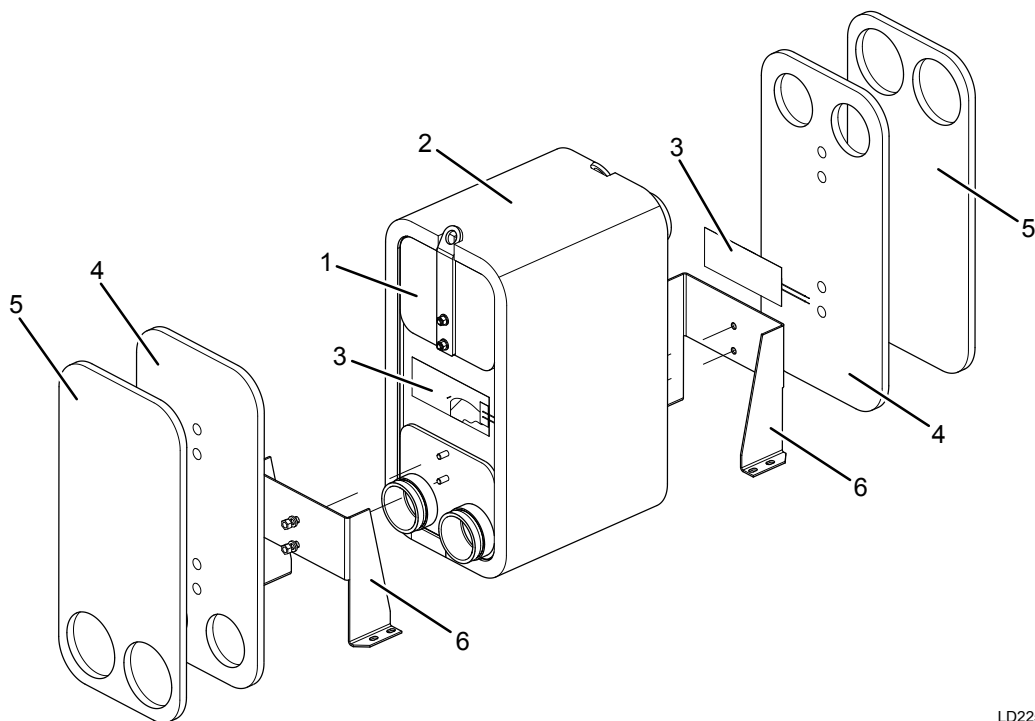


LD22456

FIGURE 20 - PLATE HEAT EXCHANGER INSULATION MODEL 0159

TABLE 14 - PLATE HEAT EXCHANGER INSULATION MODEL 0209

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
1	Htexch P&F Evaporator Psig 406 / 406	026-49636-002	5241524	2	21
2	PHE Insulation	092-40652-004	5241618	4	21
3	Heater 120 Volts, 45 Watts	025-42878-001	5171450	4	21
4	PHE Insulation	092-40652-005	5241619	4	21
5	PHE Insulation	092-40652-006	5241620	4	21
6	Bracket Support PHE	092-42714-003	5241624	4	21

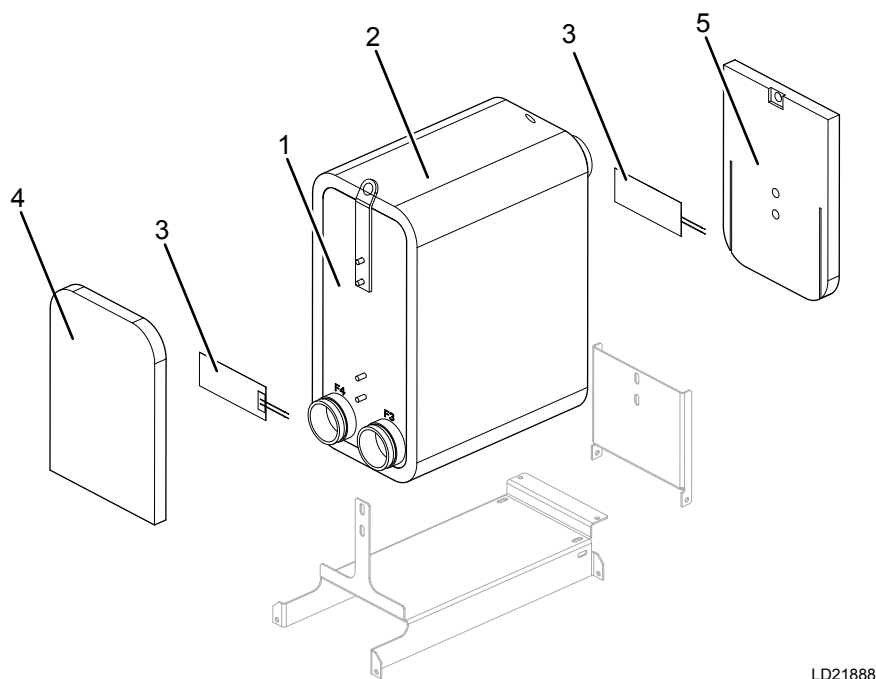


LD22531

FIGURE 21 - PLATE HEAT EXCHANGER INSULATION MODEL 0209

TABLE 15 - PLATE HEAT EXCHANGER INSULATION MODEL 0259

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
1	Htexch, P&F Evaporator Psig 406 / 407	026-49636-001	5186664	2	22
2	Insulation, PHE	092-40652-003	5186739	2	22
3	Heater, 120 Volts, 45 Watts	025-42878-001	5171450	4	22
4	Insulation, PHE	092-40652-002	5186738	2	22
5	Insulation, PHE	092-40652-001	5186737	2	22



LD21888

FIGURE 22 - PLATE HEAT EXCHANGER INSULATION MODEL 0259

TABLE 16 - PLATE HEAT EXCHANGER INSULATION MODEL 0289 AND 0309

ITEM	MODEL	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
1	0289	Htexch P&F Evaporator psig 450 / 450	026-49636-005	5291024	2	23
	0309	Htexch, P&F Evaporator Psig 450 / 451	026-49636-004	5263032	2	
2	0289	Insulation, PHE	092-40652-014	5291029	2	23
	0309		092-40652-012	5263099	2	
3	0289, 0309	Heater, 120 Volts, 45 Watts	025-42878-001	5171450	4	23
4	0289, 0309	Insulation, PHE	092-40652-013	5263100	4	23

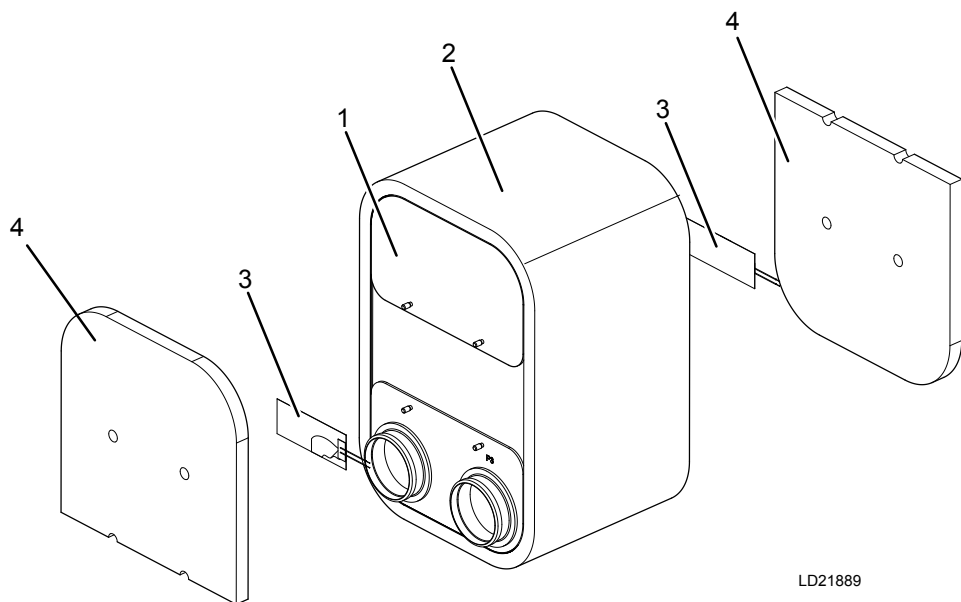


FIGURE 23 - PLATE HEAT EXCHANGER INSULATION MODEL 0309

TABLE 17 - PLATE HEAT EXCHANGER INSULATION MODEL 0359

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
1	Htexch, P&F Evaporator Psig 450 / 451	026-49636-003	5251541	2	24
2	Insulation, 1-1/2"	092-40652-010	5270965	2	24
3	Heater, 120 Volts, 45 Watts	025-42878-001	5171450	4	24
4	Insulation, 3/4"	092-40652-008	5270963	4	24
5	Insulation, 3/4"	092-40652-009	5270964	4	24
6	Support, Heat Exchanger	092-18461-344	5270997	2	24
9	Insulation, 1-1/2"	092-40652-007	5270962	2	24
10	Insulation, 1-1/2"	092-40652-011	5270966	4	24

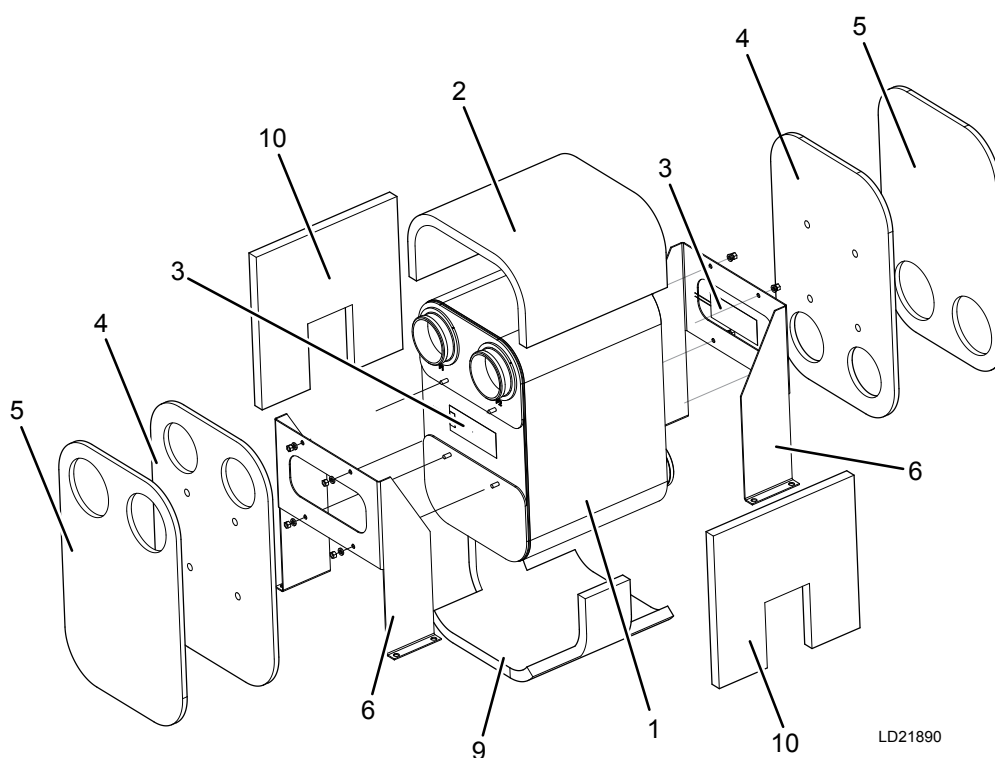


FIGURE 24 - PLATE HEAT EXCHANGER INSULATION MODEL 0359

TABLE 18 - SYSTEM WIRING MODEL 0159

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
3	Gasket Sensor Harness	028-15272-000	556341	1	28
6	Wiring Harness (Corsair Cooler)	575-77880-226	808437	1	31
	Conduit 1/2"	025-30473-000	618151	11'	
	Cooler Heater 3Htr Connector 1/2" 90 Deg Angle	025-31316-000	435091	1	
	Cooler Heater 6Htr Connector 1/2" Straight Connector	025-31310-000	556337	1	
7	Wiring Harness (Corsair Cooler)	575-77880-246	808448	1	31
	Cap-Connector	025-21193-000	737652	1	
8	Evap Heater Wiring Harness	575-77880-204	562477	1	31
	Conduit 1/2"	025-30473-000	618151	17'	
	Connector 1/2" 90 Deg Angle (VSD End)	025-31316-000	435091	1	
	Connector 1/2" Straight (Evap Heater End)	025-31310-000	556337	1	
10	Sensor Temp 3000 Ohms	025-40334-000	739796	6	28
11	Comp Heat Conductive 4 Oz	013-00898-000	616572	1	28
13	Sensor Temp 3000 Ohms At 25	025-28935-000	738242	6	29, 30
15	Sensor Temp Ntc -40 To 110°C	025-47688-000	5167777	1	29
21	Transducer Pressure Sm Tonnage	025-29139-004	520036	4	29
22	Valve, Transducer 1/4 Mpt X	022-09503-000	731261	2	29
38	Electronic Flow Switch	025-44383-001	740486	1	28
39	Flow Switch Cable	025-49131-000	5279351	1	28
41	Connr Ca Str 3/4 Water Tight:	025-32997-000	738791	1	28
100	Closed Loop Harn. Assy.	392-41713-106	5364386	1	*
101	HRS Aux Panel to Main VSD 1A	592-41714-001	5220301	1	32
	Conduit 80mm	025-47662-000	5311869	3Ft	
	Connector, 80mm Straight (Power Panel End)	025-47660-000	5311868	1	
	Connector, 80mm Straight (VSD End)	025-47660-000	5311868	1	
102	HRS Aux Panel to Main VSD 1B	592-41714-002	5220300	1	32
	Conduit 80mm	025-47662-000	5311869	3.5Ft	
	Connector, 80mm Straight (Power Panel End)	025-47660-000	5311868	1	
	Connector, 80mm Straight (VSD End)	025-47660-000	5311868	1	
103	HRS Aux Panel to Main VSD 1C	592-41714-003	5220299	1	32
	Conduit 80mm	025-47662-000	5311869	4Ft	
	Connector, 80mm Straight (Power Panel End)	025-47660-000	5311868	1	
	Connector, 80mm Straight (VSD End)	025-47660-000	5311868	1	
109	HRS Aux Panel To Pump Inverter	592-41714-040	5353636	1	31, 32
	Conduit, 1"	025-47663-003	5167341	2.5Ft	
	Connector, 1" Straight Connector (Power Panel End)	025-47665-004	5167355	1	
	Connector, 1" 90 deg Angle (Pump Inverter End)	025-47664-004	5169601	1	
110	HRS Inverter To Glycol Pump	592-44457-058	5364393	1	31, 32
	Conduit, 1"	025-47663-003	5167341	33Ft	
	Connector, 1" Straight Connector (Power Panel End)	025-47665-004	5167355	1	
	Connector, 1" 90 deg Angle (Pump Inverter End)	025-47664-004	5169601	1	
111	HRS Aux Panel To Cool. Coil Valve	592-44457-059	5364394	1	32
	Conduit, 1/2"	025-47663-001	5167339	28 ft	
	Connector, 1/2" 90 Deg Angle	025-47664-001	5167345	1	
	Connector, 1/2" 90 Deg Angle	025-47664-001	5167345	1	

TABLE 18 - SYSTEM WIRING MODEL 0159 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
112	HRS Aux. Panel To Bypass Proport. Valve	592-44457-060	5364395	1	32
	Conduit, 1/2"	025-47663-001	5167339	28 ft	
	Connector, 1/2" 90 Deg Angle	025-47664-001	5167345	1	
	Connector, 1/2" 90 Deg Angle	025-47664-001	5167345	1	
113	HRS RB To Heat. JB & Pump Inverter	592-44457-061	5364396	1	31, 32, 33
	1/2" Conduit	025-47663-001	5167339	8"	
	3/8" Conduit	025-47663-000	5167338	36.5'	
	3/8" Conduit	025-47663-000	5167338	10'	
	1/2" 90 deg Angle Connector (VSD End)	025-47664-001	5167345	1	
	3-Way Coupler (VSD End)	025-47667-000	5167364	1	
	3/8" 90 Degree Angle Connector (Heater End)	025-47664-000	5167344	1	
	3/8" Straight Connector	025-47665-000	5167351	1	
114	HRS Aux Panel To Heater JB	592-44457-062	5364397	1	33
	Conduit, 1/2"	025-47663-001	167339	30 ft	
	Connector, 1/2" 90 Deg Angle	025-47664-001	5167345	1	
	Connector, 1/2" 90 Deg Angle	025-47664-001	5167345	1	
115	HRS Heater JB to Heaters EPH1	592-41714-015	5220291	52412	33
	1/2" Conduit	025-47663-001	167339	8.5"	
	3/8" Conduit	025-47663-000	5167338	40"	
	1/2" 90 deg Angle Connector (Heater End)	025-47664-001	5167345	1	
	3-Way Coupler (Heater End)	025-47667-000	5167364	1	
	3/8" Connector End Sleeve (EPH11)	025-47668-000	5167365	1	
116	HRS Heater JB to Heaters EPH2	592-41714-016	5220290	1	33
	1/2" Conduit	025-47663-001	167339	53"	
	3/8" Conduit	025-47663-000	5167338	51"	
	1/2" 90 Deg Angle Connector (Heater End)	025-47664-001	5167345	1	
	3-Way Coupler (Heater End)	025-47667-000	5167364	1	
	3/8" Connector End Sleeve (EPH21 End)	025-47668-000	5167365	2	
117	HRS Heater JB To Heaters EGP1&2	592-41714-017	5220289	1	33
	3/8" Conduit	025-47663-000	5167338	2.5'	
	3/8" Straight Connector (Heater End)	025-47665-000	5167351	1	
	3/8" Connector End Sleeve	025-47668-000	5167365	1	
118	HRS Heater JB To Heaters EGP3&4	592-41714-018	5220288	1	33
	3/8" Conduit	025-47663-000	5167338	6.5'	
	3/8" Straight Connector (Heater End)	025-47665-000	5167351	1	
	3/8" Connector End Sleeve (EGP End)	025-47668-000	5167365	1	
119	HRS Heater JB To Heaters EGP5	592-41714-019	5220287	1	33
	3/8" Conduit	025-47663-000	5167338	6.5'	
	3/8" Straight Connector (Heater End)	025-47665-000	5167351	1	
	3/8" Connector End Sleeve (EGP End)	025-47668-000	5167365	1	
120	HRS Heater JB To Heaters EGP6	592-41714-027	5220279	1	33
	3/8" Conduit	025-47663-000	5167338	3.5'	
	3/8" Straight Connector (Heater End)	025-47665-000	5167351	1	
	3/8" Connector End Sleeve (EGP End)	025-47668-000	5167365	1	

TABLE 18 - SYSTEM WIRING MODEL 0159 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
121	Plate Main VSD Power Inlet	092-41681-800	5220273	1	32
122	Phase Wire Disc SW/Fuse	592-44457-068	5353642	1	32
	8 AWG Black Wire	025-34008-000	738973	3'	
123	Phase Wire Disc SW/Fuse	592-44457-069	5353643	1	32
	8 AWG Black Wire	025-34008-000	738973	3'	
124	Phase Wire Disc SW/Fuse	592-44457-070	5353644	1	32
	8 AWG Black Wire	025-34008-000	738973	2'	
144	HRS VSD To Cooling Coil Valve	592-41714-028	5364387	1	33
	Wire, 2 Conductor Shielded	025-30463-002	738502	350"	
	Mini Universal Socket (VSD End)	025-28386-000	737925	3	
145	HRS VSD To Cooling Coil Valve	592-41714-029	5364388	1	33
	Wire, 2 Conductor Shielded	025-30463-002	738502	390"	
	Mini Universal Socket (VSD End)	025-28386-000	737925	3	
146	HRS VSD to Glycol Pump Inverter Control	592-41714-022	5220284	1	29, 30, 31
	Wire, 2 Conductor Shielded	025-30463-002	738502	322"	
	Mini Universal Socket (VSD End)	025-28386-000	737925	3	
147	HRS Cooling Coil Leaving Temp Bcclt	592-41714-030	5364389	1	28
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	250"	
	Tubing, Heat Shrinkable	025-44708-001	842819	.42'	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
148	HRS Heat Exchanger Entering Temp Bhxet	592-41714-031	5364390	1	28
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	315"	
	Tubing, Heat Shrinkable	025-44708-001	842819	.42'	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
149	HRS Heat Exchanger Leaving Temp Bhxlt	592-41714-032	5364391	1	28
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	365"	
	Tubing, Heat Shrinkable	025-44708-001	842819	.42'	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
150	Plate, Sensor Harness YVFA	071-04464-009	5220276	1	28
152	Ring Seal O Elec Fit	025-13609-000	562572	2	28
155	Ring Seal O 1/2 Elec Cnd	025-09613-000	117034	1	28
157	Sys. 1 Comp. Mtr. Temp.	575-77880-422	691263	1	29

TABLE 18 - SYSTEM WIRING MODEL 0159 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
158	Sys. 1 High Level Sw.	575-77880-423	691264	1	29
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	283"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
159	Sys. 1 Cond. Liq. Temp.	575-77880-424	691265	1	29
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	228"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
160	Sys. 1 Disch. Temp.	575-77880-425	691266	1	29
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	200"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
161	Sys. 1 Econ Feed Valve	575-77880-426	691267	1	29
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	4	
	Wire, 4 Conductor Shielded	025-32940-000	738777	256"	
	Plug, Connector (Sensor End)	025-44341-279	859025	1	
162	Sys. 1 Flash Tank Feed	575-77880-427	691268	1	29
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	4	
	Wire, 4 Conductor Shielded	025-32940-000	738777	278"	
	Plug, Connector (Sensor End)	025-44341-279	859025	1	
163	Sys. 1 Suct. Press.	575-77880-428	691269	1	29
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	238"	
	Collar (Sensor End)	025-28950-000	65212	3	
	Receptacle, Contact (Sensor End)	025-28952-000	260	3	
	Plug, Connector (Sensor End)	025-44341-279	859025	1	
164	Sys. 1 Oil Press.	575-77880-429	691270	1	29
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	197"	
	Collar (Sensor End)	025-28950-000	65212	3	
	Receptacle, Contact (Sensor End)	025-28952-000	260	3	
	Plug, Connector (Sensor End)	025-44341-279	859025	1	
165	Sys. 1 Disch. Press.	575-77880-430	691271	1	30
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	131"	
	Collar (Sensor End)	025-28950-000	65212	3	
	Receptacle, Contact (Sensor End)	025-28952-000	260	3	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	

TABLE 18 - SYSTEM WIRING MODEL 0159 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
166	Sys. 1 Eductor Line Temp.	575-77880-445	691285	1	29
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	295"	
	Collar (Sensor End)	025-28950-000	65212	3	
	Receptacle, Contact (Sensor End)	025-28952-000	260	3	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
167	Sys. 1 Liq. Press	575-77880-443	691283	1	29
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	249"	
	Collar (Sensor End)	025-28950-000	65212	3	
	Receptacle, Contact (Sensor End)	025-28952-000	260	3	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
168	Sys 1 Flash Tank Liquid Temp	575-77880-797	5325377	1	29
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	325"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
169	Hrs Entering Chilled Liquid Temp	592-41714-033	5364392	1	28
	Socket, Connector (Vsd End)	025-19673-000	737536	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	365"	
	Tubing, Heat Shrinkable	025-44708-001	842819	.42'	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
170	Leaving Chilled Liquid Temp.	575-77880-440	691281	1	28
	Socket, Connector (Vsd End)	025-19673-000	737536	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	312"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
171	Evap. Entering Liquid Temp.	575-77880-795	5167415	1	28
	Socket, Connector (Vsd End)	025-19673-000	737536	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	430"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
172	Wiring Harness 2 Conductor	575-77880-314	562445	1	29
	Socket, Connector (Vsd End)	025-19673-000	737536	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	166"	
	Tubing, Heat Shrinkable	025-44708-001	842819	.42'	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	

TABLE 18 - SYSTEM WIRING MODEL 0159 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
173	Sys. 2 Cond. Liq. Temp.	575-77880-433	691274	1	30
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	236"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
174	Sys. 2 Comp. Mtr. Temp.	575-77880-431	691272	1	30
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	5	
	Wire, 4 Conductor Shielded	025-32940-000	738777	267"	
	1/4" Push-On	025-06874-000	117021	4	
175	Sys. 2 High Level Sw.	575-77880-432	691273	1	30
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	182"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
176	Sys. 2 Disch. Temp.	575-77880-434	691275	1	30
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	319"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
177	Sys. 2 Oil Press.	575-77880-438	691279	1	30
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	317"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
178	Sys. 2 Econ Feed Valve	575-77880-435	691276	1	30
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	4	
	Wire, 4 Conductor Shielded	025-32940-000	738777	223"	
	Plug, Connector (Sensor End)	025-44341-279	859025	1	
179	Sys. 2 Flash Tank Feed	575-77880-436	691277	1	30
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	4	
	Wire, 4 Conductor Shielded	025-32940-000	738777	214"	
	Plug, Connector (Sensor End)	025-44341-279	859025	1	
180	Sys. 2 Suct. Press	575-77880-437	691278	1	30
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	240"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	

TABLE 18 - SYSTEM WIRING MODEL 0159 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
181	Sys. 2 Disch. Press	575-77880-439	691280	1	29
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	351"	
	Collar (Sensor End)	025-28950-000	65212	3	
	Receptacle, Contact (Sensor End)	025-28952-000	260	3	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
182	Sys. 2 Eductor Line Temp.	575-77880-393	691232	1	30
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	221"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
183	Sys. 2 Liq. Press.	575-77880-391	691308	1	30
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	225"	
	Collar (Sensor End)	025-28950-000	65212	3	
	Receptacle, Contact (Sensor End)	025-28952-000	260	3	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
184	Harness Sys 2 Fish Tank Liq. Temp.	575-77880-791	5167412	1	30
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	265"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
200	Gycol Pump 30Hp Inv/Encl Assy	392-48004-006	5296130	1	31
200a	Gycol Pump 30Hp Inv/Encl Assy	024-39686-006	5311867	1	31
200b	Socket For Relay	024-37460-001	5241663	1	31
200c	Relay 120 Vac 1No-1Nc Plug-In Ac=16.0A	024-37461-001	5241664	1	31
211	Heater 120 Volts, 45 Watts	025-42878-001	5171450	4	33
212	Heating Cable	025-45938-001	944456	6	33
217	Heater Junction Box Assembly	392-27755-001	5210073	1	33
218	Fuse Type=Classj 50.00A 600V Time Delay	025-49765-000	5351754	3	32
219	Fuse holder 3 Poles	025-47757-000	5241676	1	32

TABLE 19 - SYSTEM WIRING MODEL 0209

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
3	Gasket Sensor Harness	028-15272-000	556341	1	28
6	Wiring Harness (Corsair Cooler)	575-77880-227	817049	1	31
	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	31
	Connector Cap	025-21193-000	737652	1	
8	Evap Heater Wiring Harness	575-77880-204	562477	1	31
	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 (Heater End)	025-31316-000	435091	1	
10	Sensor Temp 3000 Ohms	025-40334-000	739796	6	28
11	Comp Heat Conductive 4 Oz	013-00898-000	616572	1	28
13	Sensor Temp 3000 Ohms At 25	025-28935-000	738242	6	29, 30
15	Sensor Temp Ntc -40 To 110°C	025-47688-000	5167777	1	29
21	Transducer Pressure Sm Tonnage	025-29139-004	520036	4	29
22	Valve, Transducer 1/4 Mpt X	022-09503-000	731261	2	29
39	Flow Switch Cable	025-49131-000	5279351	1	28
101	HRS Aux Panel To Main Vsd 1A	592-41714-001	5220301	1	32
	Conduit, 80mm	025-47662-000	5311869	3'	
	80mm Straight Connector (Aux End)	025-47660-000	5311868	1	
	80mm Straight Connector (Vsd End)	025-47660-000	5311868	1	
102	HRS Aux Panel To Main Vsd 1B	592-41714-002	5220300	1	32
	Conduit, 80mm	025-47662-000	5311869	3.5'	
	80Mm Straight Connector (Aux End)	025-47660-000	5311868	1	
	80Mm Straight Connector (Vsd End)	025-47660-000	5311868	1	
103	HRS Aux Panel To Main Vsd 1C	592-41714-003	5220299	1	32
	Conduit, 80mm	025-47662-000	5311869	4'	
	80mm Straight Connector (Aux End)	025-47660-000	5311868	1	
	80mm Straight Connector (Vsd End)	025-47660-000	5311868	1	
109	HRS Aux Panel To Pump Inverter	592-41714-040	5353636	1	31, 32
	1" Conduit	025-47663-003	5167341	2.5'	
	1" Straight Connector (Aux End)	025-47665-004	5167355	1	
	1" Straight Connector (Vsd End)	025-47665-004	5167355	1	
110	HRS Inverter To Glycol Pump	592-44457-063	5353637	1	31, 32
	1" Conduit	025-47663-003	5167341	36.5'	
	1" Straight Connector (Aux End)	025-47665-004	5167355	1	
	1" Straight Connector (Vsd End)	025-47665-004	5167355	1	
111	HRS Aux Panel To Clg Coil Valve	592-44457-064	5353638	1	32
	1/2" Conduit	025-47663-001	5167339	31.5'	
	1/2" 90 Degree Angle Connector (Ycpv End)	025-47664-001	5167345	1	
	1/2" 90 Degree Angle Connector (Aux End)	025-47664-001	5167345	1	

TABLE 19 - SYSTEM WIRING MODEL 0209 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
112	Hrsaux Pnl To Byp Proport Valve	592-44457-065	5353639	1	32
	1/2" Conduit	025-47663-001	5167339	27.5'	
	1/2" 90 Degree Angle Connector (Ybpv End)	025-47664-001	5167345	1	
	1/2" 90 Degree Angle Connector (Aux End)	025-47664-001	5167345	1	
113	Hrs Rb To Htr Jb & Pump Inverter	592-44457-066	5353640	1	31, 32, 33
	1/2" Conduit	025-47663-001	5167339	8"	
	3/8" Conduit	025-47663-000	5167338	36.5'	
	3/8" Conduit	025-47663-000	5167338	10'	
	1/2" 90 Degree Angle Connector (Vsd End)	025-47664-001	5167345	1	
	3-Way Coupler 1/2"-3/8" & 3/8"	025-47667-000	5167364	1	
	3/8" 90 Degree Angle Connector (Heater End)	025-47664-000	5167344	1	
	3/8" Straight Connector (Pump End)	025-47665-000	5167351	1	
114	Hrs Aux Panel To Heater Jb	592-44457-067	5353641	1	33
	1/2" Conduit	025-47663-001	5167339	34'	
	1/2" 90 Degree Angle Connector (Aux End)	025-47664-001	5167345	1	
	1/2" 90 Degree Angle Connector (Heater End)	025-47664-001	5167345	1	
115	Hrs Heater Jb To Heaters Eph1	592-41714-015	5220291	1	33
	1/2" Conduit (L1)	025-47663-001	5167339	8.4"	
	3/8" Conduit (L2 & L3)	025-47633-000	-	39.9"	
	1/2" 90 Degree Angle Connector (Heater End)	025-47664-001	5167345	1	
	3-Way Coupler 1/2"-3/8" & 3/8" (Heater End)	025-47667-000	5167364	1	
	3/8" Connector End Sleeve (Eph11 End)	025-47668-000	-	2	
116	Hrs Heater Jb To Heaters Eph2	592-41714-016	5220290	1	33
	1/2" Conduit (L1)	025-47663-001	5167339	53"	
	3/8" Conduit (L2 & L3)	025-47633-000	-	50.5"	
	1/2" 90 Degree Angle Connector (Heater End)	025-47664-001	5167345	1	
	3-Way Coupler 1/2"-3/8" & 3/8" (Heater End)	025-47667-000	5167364	1	
	3/8" Connector End Sleeve (Eph11 End)	025-47668-000	-	2	
117	Hrs Heater Jb To Heaters Egp1&2	592-41714-017	5220289	1	33
	3/8" Conduit	025-47663-000	5167338	2.5'	
	3/8" Straight Connector (Heater End)	025-47665-000	5167351	1	
	3/8" Connector End Sleeve (Egp1&2 End)	025-47668-000	-	1	
118	Hrs Heater Jb To Heaters Egp3&4	592-41714-018	5220288	1	33
	3/8" Conduit	025-47663-000	5167338	6.5'	
	3/8" Straight Connector (Heater End)	025-47665-000	5167351	1	
	3/8" Connector End Sleeve (Egp3&4 End)	025-47668-000	-	1	
119	Hrs Heater Jb To Heaters Egp5	592-41714-019	5220287	1	33
	3/8" Conduit	025-47663-000	5167338	6.5'	
	3/8" Straight Connector (Heater End)	025-47665-000	5167351	1	
	3/8" Connector End Sleeve (Egp5 End)	025-47668-000	-	1	
120	Hrs Heater Jb To Heaters Egp6	592-41714-027	5220279	1	33
	3/8" Conduit	025-47663-000	5167338	3.5'	
	3/8" Straight Connector (Heater End)	025-47665-000	5167351	1	
	3/8" Connector End Sleeve (Egp6 End)	025-47668-000	-	1	

TABLE 19 - SYSTEM WIRING MODEL 0209 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
122	Phase Wire Disc Sw/Fuse	592-44457-068	5353642	1	32
	Wire - 8# Awg	025-34008-000	738973	3'	
	3/8" Insulation Ring Tongue	025-30412-000	738499	1	
123	Phase Wire Disc Sw/Fuse	592-44457-069	5353643	1	32
	Wire - 8# Awg	025-34008-000	738973	3'	
	3/8" Insulation Ring Tongue	025-30412-000	738499	1	
124	Phase Wire Disc Sw/Fuse	592-44457-070	5353644	1	32
	Wire - 8# Awg	025-34008-000	738973	2'	
	3/8" Insulation Ring Tongue	025-30412-000	738499	1	
144	Hrs Vsd To Cooling Coil Valve Ycpv	592-41714-034	5353630	1	33
	Socket, Mini-Univ. (Vsd End)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	443"	
145	Hrs Vsd To Bypass Valve	592-41714-035	5353631	1	33
	Socket, Mini-Univ. (Vsd End)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	482"	
146	Hrs Vsd To Glycol Pump Inverter Control	592-41714-022	5220284	1	29, 30, 31
	Socket, Mini-Univ. (Vsd End)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	222"	
147	Hrs Cooling Coil Leaving Temp Bcclt	592-41714-036	5353632	1	28
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	485"	
	Tubing, Heat Shrinkable	025-44708-001	842819	.042'	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
148	Hrs Heat Exchanger Entering Temp Bhxet	592-41714-037	5353633	1	28
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	541"	
	Tubing, Heat Shrinkable	025-44708-001	842819	.042'	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
149	Hrs Heat Exchanger Leaving Temp Bhxlt	592-41714-038	5353634	1	28
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	583"	
	Tubing, Heat Shrinkable	025-44708-001	842819	.042'	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
150	Plate, Sensor Harness Yvfa	071-04464-009	5220276	1	28
152	Ring Seal O Elec Fit With	025-13697-000	737368	2	28
155	Ring Seal O 1/2 Elec Cnd	025-09613-000	117034	1	28

TABLE 19 - SYSTEM WIRING MODEL 0209 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
157	Sys. 1 Comp. Mtr. Temp.	575-77880-369	691287	1	29
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	5	
	1/4" Push On	025-06874-000	117021	4	
	Wire, 4 Conductor Shielded	025-32940-000	738777	262"	
158	Sys. 1 High Level Sw.	575-77880-423	691264	1	29
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	283"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
159	Sys. 1 Cond. Liq. Temp.	575-77880-424	691265	1	29
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	228"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
160	Sys. 1 Disch. Temp.	575-77880-425	691266	1	29
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	200"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
161	Sys. 1 Econ Feed Valve	575-77880-426	691267	1	29
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	4	
	Wire, 4 Conductor Shielded	025-32940-000	738777	256"	
	Connector M12	025-44341-279	859025	1	
162	Sys. 1 Flash Tank Feed	575-77880-427	691268	1	29
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	4	
	Wire, 4 Conductor Shielded	025-32940-000	738777	278"	
	Connector M12	025-44341-279	859025	1	
163	Sys. 1 Suct. Press.	575-77880-375	691293	1	29
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	254"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
164	Sys. 1 Oil Press.	575-77880-709	840207	1	29
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	209"	
	Tubing, Heat Shrinkable	025-44708-001	842819	.042'	
	Collar (Sensor End)	025-28950-000	65212	3	
	Receptacle, Contact (Sensor End)	025-28952-000	260	3	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	

TABLE 19 - SYSTEM WIRING MODEL 0209 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
165	Sys. 1 Disch. Press.	575-77880-430	691271	1	30
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	131"	
	Collar (Sensor End)	025-28950-000	65212	3	
	Receptacle, Contact (Sensor End)	025-28952-000	260	3	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
166	Sys. 1 Eductor Line Temp.	575-77880-392	691309	1	29
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	329"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
167	Sys. 1 Liq. Press	575-77880-722	840220	1	29
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	270"	
	Tubing, Heat Shrinkable	025-44708-001	842819	.042'	
	Collar (Sensor End)	025-28950-000	65212	3	
	Receptacle, Contact (Sensor End)	025-28952-000	260	3	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
168	Harness Sys 1 Fish Tank Liq. Temp.	575-77880-792	5167414	1	29
	Socket, Mini Univ. (Vsd End)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	350"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
169	Hrs Entering Chilled Liquid	592-41714-039	5353635	1	28
	Socket Connector (Vsd End)	025-19673-000	737536	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	532"	
	Tubing, Heat Shrinkable	025-44708-001	842819	.042'	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
170	Leaving Chilled Liquid Temp.	575-77880-440	691281	1	28
	Socket Connector (Vsd End)	025-19673-000	737536	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	312"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
171	Evap. Entering Liquid Temp.	575-77880-795	5167415	1	28
	Socket Connector (Vsd End)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	430"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	

TABLE 19 - SYSTEM WIRING MODEL 0209 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
172	Wiring Harness 2 Conductor	575-77880-314	562445	1	29
	Socket Connector (Vsd End)	025-19673-000	737536	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	166"	
	Tubing, Heat Shrinkable	025-44708-001	842819	.042'	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
173	Sys. 2 Cond. Liq. Temp.	575-77880-433	691274	1	30
	Socket, Mini Universal (Vsd End)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	236"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
174	Sys. 2 Comp. Mtr. Temp.	575-77880-431	691272	1	30
	Socket, Mini Universal (Vsd End)	025-28386-000	737925	5	
	Wire, 4 Conductor Shielded	025-32940-000	738777	267"	
	1/4" Push On	025-06874-000	117021	4	
175	Sys. 2 High Level Sw.	575-77880-432	691273	1	30
	Socket, Mini Universal (Vsd End)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	182"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
176	Sys. 2 Disch. Temp.	575-77880-434	691275	1	30
	Socket, Mini Universal (Vsd End)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	319"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
177	Sys. 2 Oil Press.	575-77880-438	691279	1	30
	Socket, Mini Universal (Vsd End)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	317"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
178	Sys. 2 Econ Feed Valve	575-77880-435	691276	1	30
	Socket, Mini Universal (Vsd End)	025-28386-000	737925	4	
	Wire, 4 Conductor Shielded	025-32940-000	738777	223"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Connector M12 (Sensor End)	025-44341-279	859025	1	
179	Sys. 2 Flash Tank Feed	575-77880-436	691277	1	30
	Socket, Mini Universal (Vsd End)	025-28386-000	737925	4	
	Wire, 4 Conductor Shielded	025-32940-000	738777	214"	
	Connector M12 (Sensor End)	025-44341-279	859025	1	

TABLE 19 - SYSTEM WIRING MODEL 0209 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
180	Sys. 2 Suct. Press	575-77880-437	691278	1	30
	Socket, Mini Universal (Vsd End)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	240"	
	Collar (Sensor End)	025-28950-000	65212	3	
	Receptacle, Contact (Sensor End)	025-28952-000	260	3	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
181	Sys. 2 Disch. Press	575-77880-439	691280	1	29
	Socket, Mini Universal (Vsd End)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	351"	
	Collar (Sensor End)	025-28950-000	65212	3	
	Receptacle, Contact (Sensor End)	025-28952-000	260	3	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
182	Sys. 2 Educator Line Temp.	575-77880-393	691232	1	30
	Socket, Mini Universal (Vsd End)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	221"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
183	Sys. 2 Liq. Press.	575-77880-391	691308	1	30
	Socket, Mini Universal (Vsd End)	025-28386-000	737925	3	
	Wire, 3 Conductor Shielded	025-30463-003	738503	225"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
184	Harness Sys 2 Fish Tank Liq. Temp.	575-77880-791	5167412	1	30
	Socket, Mini Universal (Vsd End)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	265"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
200	Gycol Pump 30Hp Inv/Encl Assy	392-48004-006	5296130	1	31
200a	Gycol Pump 30Hp Inv/Encl Assy	024-39686-006	5311867	1	31
200b	Relay 120 Vac 1No-1Nc Plug-In Ac=16.0A	024-37461-001	5241664	1	31
211	Heater 120 Volts, 45 Watts	025-42878-001	5171450	4	33
212	Heating Cable	025-45938-001	944456	6	33
217	Heater Junction Box Assembly	392-27755-001	5210073	1	33
	Relay 120 Vac 1No-1Nc Plug-In Ac=16.0A	024-37461-001	5241664	1	
218	Fuse Type=Classj 50.00A 600V Time Delay	025-49765-000	5351754	3	32
219	Fuse Holder 3 Poles	025-47757-000	5241676	1	32

TABLE 20 - SYSTEM WIRING MODEL 0259

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
10	Sensor, Temp Tt Min=-40°C Max=110°C	025-47671-000	5167564	6	27
11	Compound, Heat Conductive 4 Oz	013-00898-000	616572	1	27
13	Sensor, Temp Tt Min=-40°C Max=110°C	025-47673-000	5167566	6	25, 26
15	Sensor, Temp Tt Min=-40°C Max=110°C	025-47688-000	5167777	1	25
21	Transducer, Pressure	025-29139-004	520036	2	25, 26
22	Valve, Transducer 1/4 Mpt X	022-09503-000	731261	2	25, 26
38	Switch, Electronic Flow	025-44383-001	740486	1	27
39	Cable	025-44383-002	740487	1	27
40	Switch, Electronic Flow	375-94519-001	799183	1	*
	Switch, Electronic Flow	025-44383-001	740486	1	
	Cable	025-44383-002	740487	1	
	Adapter, Welding	025-44383-003	740488	1	
	Kit, Switch Electronic Flow	075-94519-001	5170841	1	
147	Harness, Cooling Coil Leaving Temp Bcclt	592-41714-023	5220283	1	27
	Socket, Mini Univ. (VSD End)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	440"	
	Tubing, Heat Shrinkable	025-44708-001	842819	.5"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
148	Harness, Heat Exchanger Entering Temp Bhxet	592-41714-024	5220282	1	27
	Socket, Mini Univ. (VSD End, P24)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	497"	
	Tubing, Heat Shrinkable	025-44708-001	842819	.5"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
149	Harness, Heat Exchanger Leaving Temp Bhxlt	592-41714-025	5220281	1	27
	Socket, Mini Univ. (VSD End, P22)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	539"	
	Tubing, Heat Shrinkable	025-44708-001	842819	.5"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
157	Harness, Sys. 1 Comp. Mtr. Temp.	575-77880-369	691287	1	25
	Socket, Mini Univ. (VSD End)	025-28386-000	737925	5	
	Wire, 4 Conductor Shielded	025-32940-000	738777	262"	
	Connector, Push-On (Comp End, Sys1 Comp)	025-06874-000	117021	4	
158	Harness, Sys. 1 High Level Sw.	575-77880-423	691264	1	25
	Socket, Mini Univ. (VSD End, P26)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	283"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	

TABLE 20 - SYSTEM WIRING MODEL 0259 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
159	Harness, Sys. 1 Cond. Liq. Temp.	575-77880-424	691265	1	25
	Socket, Mini Univ. (VSD End, P27)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	228"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
160	Harness, Sys. 1 Disch. Temp.	575-77880-425	691266	1	25
	Socket, Mini Univ. (VSD End, P28)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	200"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
161	Harness, Sys. 1 Econ Feed Valve	575-77880-426	691267	1	25
	Socket, Mini Univ. (VSD End, P28)	025-28386-000	737925	4	
	Wire, 4 Conductor Shielded	025-32940-000	738777	256"	
	Connector, M12-183827-Te (Valve End)	025-44341-279	859025	1	
162	Harness, Sys. 1 Flash Tank Feed	575-77880-427	691268	1	25
	Socket, Mini Univ. (VSD End, P28)	025-28386-000	737925	4	
	Wire, 4 Conductor Shielded	025-32940-000	738777	278"	
	Connector, M12-183827-Te (Tank End)	025-44341-279	859025	1	
163	Harness, Sys. 1 Suct. Press.	575-77880-375	691293	1	25
	Socket, Mini Univ. (VSD End, P29)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	254"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
164	Harness, Sys. 1 Oil Press.	575-77880-709	840207	1	25
	Socket, Mini Univ. (VSD End, P29)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	209"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Tubing, Heat Shrinkable (Sensor End)	025-44708-001	842819	.5"	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
165	Harness, Sys. 1 Disch. Press.	575-77880-430	691271	1	26
	Socket, Mini Univ. (VSD End, P29)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	131"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
166	Harness, Sys. 1 Eductor Line Temp.	575-77880-392	691309	1	25
	Socket, Mini Univ. (VSD End, P49)	025-28386-000	737925	4	
	Wire, 2 Conductor Shielded	025-30463-002	738502	329"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	

TABLE 20 - SYSTEM WIRING MODEL 0259 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
167	Harness, Sys. 1 Liq. Press	575-77880-722	840220	1	25
	Socket, Mini Univ. (VSD End, P76)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	270"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Tubing, Heat Shrinkable (Sensor End)	025-44708-001	842819	.5"	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
168	Harness, Sys 1 Flsh Tank Liq. Temp.	575-77880-792	5167414	1	25
	Socket, Mini Univ. (VSD End, Microboard)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	350"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
169	Harness, Entering Chilled Liquid Temp	592-41714-026	5220280	1	27
	Socket, Connector (VSD End, P25)	025-19673-000	737536	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	487"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Tubing, Heat Shrinkable (Sensor End)	025-44708-001	842819	.5"	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
170	Harness, Leaving Chilled Liquid Temp.	575-77880-440	691281	1	27
	Socket, Connector (VSD End, P25)	025-19673-000	737536	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	312"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
171	Harness, Evap. Entering Liquid Temp.	575-77880-795	5167415	1	27
	Socket, Connector (VSD End, Microboard)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	360"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
172	Harness, 2 Conductor	575-77880-314	562445	1	25
	Socket, Connector (VSD End, P25)	025-19673-000	737536	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	166"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Tubing, Heat Shrinkable (Sensor End)	025-44708-001	842819	.5"	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
173	Harness, Sys. 2 Cond. Liq. Temp.	575-77880-433	691274	1	26
	Socket, Mini Univ. (VSD End, P31)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	236"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	

TABLE 20 - SYSTEM WIRING MODEL 0259 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
174	Harness, Sys. 2 Comp. Mtr. Temp.	575-77880-431	691272	1	26
	Socket, Mini Univ. (VSD End, P30)	025-28386-000	737925	5	
	Wire, 4 Conductor Shielded	025-32940-000	738777	267"	
	Connector, Push-On (Comp End, Sys1 Comp Jb)	025-06874-000	117021	4	
175	Harness, Sys. 2 High Level Sw.	575-77880-432	691273	1	26
	Socket, Mini Univ. (VSD End, P30)	025-28386-000	737925	5	
	Wire, 2 Conductor Shielded	025-30463-002	738502	182"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
176	Harness, Sys. 2 Disch. Temp.	575-77880-434	691275	1	26
	Socket, Mini Univ. (VSD End, P32)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	319"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
177	Harness, Sys. 2 Oil Press.	575-77880-438	691279	1	26
	Socket, Mini Univ. (VSD End, P33)	025-28386-000	737925	4	
	Wire, 2 Conductor Shielded	025-30463-002	738502	317"	
	Collar (Sensor End)	025-28950-000	65212	3	
	Receptacle, Contact (Sensor End)	025-28952-000	260	3	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
178	Harness, Sys. 2 Econ Feed Valve	575-77880-435	691276	1	26
	Socket, Mini Univ. (VSD End, P33)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	317"	
	Collar (Sensor End)	025-28950-000	65212	3	
	Receptacle, Contact (Sensor End)	025-28952-000	260	3	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
179	Harness, Sys. 2 Flash Tank Feed	575-77880-436	691277	1	26
	Socket, Mini Univ. (VSD End, P32)	025-28386-000	737925	4	
	Wire, 4 Conductor Shielded	025-32940-000	738777	214"	
	Connector, M12-183827-Te (Tank End)	025-44341-279	859025	1	
180	Harness, Sys. 2 Suct. Press	575-77880-437	691278	1	26
	Socket, Mini Univ. (VSD End, P33)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	240"	
	Collar (Sensor End)	025-28950-000	65212	3	
	Receptacle, Contact (Sensor End)	025-28952-000	260	3	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
181	Harness, Sys. 2 Disch. Press	575-77880-439	691280	1	25
	Socket, Mini Univ. (VSD End, P33)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	351"	
	Collar (Sensor End)	025-28950-000	65212	3	
	Receptacle, Contact (Sensor End)	025-28952-000	260	3	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	

TABLE 20 - SYSTEM WIRING MODEL 0259 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
182	Harness, Sys. 2 Eductor Line Temp.	575-77880-393	691232	1	26
	Socket, Mini Univ. (VSD End, P53)	025-28386-000	737925	3	
	Wire, 3 Conductor Shielded	025-30463-003	738503	221"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
183	Harness, Sys. 2 Liq. Press.	575-77880-391	691308	1	26
	Socket, Mini Univ. (VSD End, P77)	025-28386-000	737925	3	
	Wire, 3 Conductor Shielded	025-30463-003	738503	225"	
	Collar (Sensor End)	025-28950-000	65212	3	
	Receptacle, Contact (Sensor End)	025-28952-000	260	3	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
184	Harness, Sys 2 Flsh Tank Liq. Temp.	575-77880-791	5167412	1	26
	Socket, Mini Univ. (VSD End, Microboard)	025-28386-000	737925	4	
	Wire, 2 Conductor Shielded	025-30463-002	738502	265"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	

NOTE: Items with an * are NOT represented.

TABLE 21 - SYSTEM WIRING MODEL 0289

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
3	Gasket Sensor Harness	028-15272-000	556341	1	28
6	Wiring Harness (Corsair Cooler)	575-77880-227	817049	1	31
	1/2" Conduit	025-30473-000	618151	14'	
	1/2" 90 Deg 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	31
	Connector Cap	025-21193-000	737652	1	
8	Evap Heater Wiring Harness	575-77880-204	562477	1	31
	1/2" Conduit	025-30473-000	618151	17'	
	1/2" 90 Deg Angle Connector (P36 End)	025-31316-000	435091	1	
	1/2" Straight Connector (3HTR End)	025-31316-000	435091	1	
10	Sensor Temp 3000 Ohms	025-40334-000	739796	6	28
11	Comp Heat Conductive 4 Oz	013-00898-000	616572	1	28
13	Sensor Temp 3000 Ohms At 25	025-28935-000	738242	6	29, 30
15	Sensor Temp Ntc -40 To 110°C	025-47688-000	5167777	1	29
21	Transducer Pressure Sm Tonnage	025-29139-004	520036	4	29
22	Valve, Transducer 1/4 Mpt X	022-09503-000	731261	2	29
39	Flow Switch Cable	025-49131-000	5279351	1	28
101	HRS Aux Panel to Main VSD 1A	592-41714-001	5220301	1	32
	80mm Conduit	025-47662-000	5311869	3'	
	80mm Straight Connector (Aux End)	025-47660-000	5311868	1	
	80mm Straight Connector (VSD End)	025-47660-000	5311868	1	
102	HRS Aux Panel to Main VSD 1B	592-41714-002	5220300	1	32
	80mm Conduit	025-47662-000	5311869	3.5'	
	80mm Straight Connector (Aux End)	025-47660-000	5311868	1	
	80mm Straight Connector (VSD End)	025-47660-000	5311868	1	
103	HRS Aux Panel to Main VSD 1C	592-41714-003	5220299	1	32
	80mm Conduit	025-47662-000	5311869	4'	
	80mm Straight Connector (Aux End)	025-47660-000	5311868	1	
	80mm Straight Connector (VSD End)	025-47660-000	5311868	1	
109	HRS AUX PANEL TO PUMP INVERTER	592-41714-040	5353636	1	31, 32
	1" Conduit	025-47663-003	5167341	2.5'	
	1" Straight Connector (Aux End)	025-47665-004	5167355	1	
	1" 90 Deg Angle Connector (Inverter End)	025-47664-004	5169601	1	
110	HRS INVERTER TO GLYCOL PUMP	592-44457-063	5353637	1	31, 32
	1" Conduit	025-47663-003	5167341	36.5'	
	1" Straight Connector (Aux End)	025-47665-004	5167355	1	
	1" 90 Deg Angle Connector (Inverter End)	025-47664-004	5169601	1	
111	HRS AUX PANEL TO CLG COIL VALVE YCPV	592-44457-064	5353638	1	32
	1/2" Conduit	025-47663-001	5167339	31.5'	
	1/2" 90 deg Angle Connector (Coil End)	025-47664-001	5167345	1	
	1/2" 90 deg Angle Connector (Aux End)	025-47664-001	5167345	1	

TABLE 21 - SYSTEM WIRING MODEL 0289 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
112	HRS AUX PNL TO BYP PROPORT VALVE	592-44457-065	5353639	1	32
	1/2" Conduit	025-47663-001	5167339	27.5'	
	1/2" 90 deg Angle Connector (Coil End)	025-47664-001	5167345	1	
	1/2" 90 deg Angle Connector (Aux End)	025-47664-001	5167345	1	
113	HRS RB TO HTR JB & PUMP INVERTER	592-44457-066	5353640	1	31, 32, 33
	1/2" Conduit	025-47663-001	5167339	8"	
	3/8" Conduit	025-47663-000	5167338	36.5'	
	3/8" Conduit	025-47663-000	5167338	10'	
	1/2" 90 deg Angle Connector (VSD End)	025-47664-001	5167345	1	
	3-Way Coupler 1/2'-3/8" & 3/8" (VSD End)	025-47667-000	5167364	1	
	3/8" 90 deg Angle Connector (Heater End)	025-47664-000	5167344	1	
	3/8" Straight Connector (Inverter End)	025-47665-000	5167351	1	
114	HRS AUX PANEL TO HEATER JB	592-44457-067	5353641	1	33
	1/2" Conduit	025-47663-001	5167339	34'	
	1/2" 90 deg Angle Connector (Aux End)	025-47664-001	5167345	1	
	1/2" 90 deg Angle Connector (Heater End)	025-47664-001	5167345	1	
115	HRS Heater JB to Heaters EPH1	592-41714-015	5220291	1	33
	1/2" Conduit	025-47663-001	5167339	8.5"	
	3/8" Conduit	025-47663-000	5167338	40"	
	1/2" 90 deg Angle Connector (Heater End)	025-47664-001	5167345	1	
	3-Way Coupler 1/2'-3/8" & 3/8" (Heater End)	025-47667-000	5167364	1	
	3/8" Connector End Sleeve (EPH11 End)	025-47668-000	5167365	1	
116	HRS Heater JB to Heaters EPH2	592-41714-016	5220290	1	33
	1/2" Conduit	025-47663-001	5167339	53"	
	3/8" Conduit	025-47663-000	5167338	51"	
	1/2" 90 deg Angle Connector (Heater End)	025-47664-001	5167345	1	
	3-Way Coupler 1/2'-3/8" & 3/8" (Heater End)	025-47667-000	5167364	1	
	3/8" Connector End Sleeve (EPH11 End)	025-47668-000	5167365	1	
117	HRS HEATER JB TO HEATERS EGP1&2	592-41714-017	5220289	1	33
	3/8" Conduit	025-47663-000	5167338	2.5'	
	3/8" Straight Connector (Heater End)	025-47665-000	5167351	1	
	3/8" Connector End Sleeve (EGP1&2 End)	025-47668-000	5167365	1	
118	HRS HEATER JB TO HEATERS EGP3&4	592-41714-018	5220288	1	33
	3/8" Conduit	025-47663-000	5167338	6.5'	
	3/8" Straight Connector (Heater End)	025-47665-000	5167351	1	
	3/8" Connector End Sleeve (EGP1&2 End)	025-47668-000	5167365	1	
119	HRS HEATER JB TO HEATERS EGP5	592-41714-019	5220287	1	33
	3/8" Conduit	025-47663-000	5167338	6.5'	
	3/8" Straight Connector (Heater End)	025-47665-000	5167351	1	
	3/8" Connector End Sleeve (EGP5 End)	025-47668-000	5167365	1	

TABLE 21 - SYSTEM WIRING MODEL 0289 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
120	HRS HEATER JB TO HEATERS EGP6	592-41714-027	5220279	1	33
	3/8" Conduit	025-47663-000	5167338	3.5'	
	3/8" Straight Connector (Heater End)	025-47665-000	5167351	1	
	3/8" Connector End Sleeve (EGP6 End)	025-47668-000	5167365	1	
144	HRS VSD TO COOLING COIL VALVE YCPV	592-41714-034	5353630	1	33
	Wire, 2 Conductor Shielded	025-30463-002	738502	443"	
	Socket, Mini Univ.	025-28386-000	737925	3	
145	HRS VSD TO BYPASS VALVE	592-41714-035	5353631	1	33
	Wire, 2 Conductor Shielded	025-30463-002	738502	482"	
	Socket, Mini Univ.	025-28386-000	737925	3	
146	HRS VSD to Glycol Pump Inverter Control	592-41714-022	5220284	1	29, 30, 31
	Wire, 2 Conductor Shielded	025-30463-002	738502	222"	
	Socket, Mini Univ.	025-28386-000	737925	3	
147	HRS COOLING COIL LEAVING TEMP BCCLT	592-41714-036	5353632	1	28
	Wire, 2 Conductor Shielded	025-30463-002	738502	485"	
	Socket, Mini Univ.	025-28386-000	737925	3	
	Plug Connector	025-28951-000	62724	1	
	Tubing Heat Shrinkable	025-44708-001	842819	.42'	
148	HRS HEAT EXCHANGER ENTERING TEMP BHXET	592-41714-037	5353633	1	28
	Socket, Mini Univ.	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	541"	
	Tubing, Heat Shrinkable	025-44708-001	842819	.042'	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
149	HRS HEAT EXCHANGER LEAVING TEMP BHXLT	592-41714-038	5353634	1	28
	Socket, Mini Univ.	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	583"	
	Tubing, Heat Shrinkable	025-44708-001	842819	.042'	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
150	Plate, Sensor Harness YVFA	071-04464-009	5220276	1	28
152	RING SEAL O ELEC FIT WITH	025-13697-000	737368	2	28
155	RING SEAL O 1/2 ELEC CND	025-09613-000	117034	1	28
157	SYS. 1 COMP. MTR. TEMP.	575-77880-369	691287	1	29
	Socket, Mini Univ.	025-28386-000	737925	5	
	Wire, 2 Conductor Shielded	025-30463-002	738502	262"	
	1/4" Push On	025-06874-000	117021	4	
158	SYS. 1 HIGH LEVEL SW.	575-77880-423	691264	1	29
	Socket, Mini Univ.	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	283"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	

TABLE 21 - SYSTEM WIRING MODEL 0289 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
159	SYS. 1 COND. LIQ. TEMP.	575-77880-424	691265	1	29
	Socket, Mini Univ.	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	228"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
160	SYS. 1 DISCH. TEMP.	575-77880-425	691266	1	29
	Socket, Mini Univ.	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	200"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
161	SYS. 1 ECON FEED VALVE	575-77880-426	691267	1	29
	Socket, Mini Univ.	025-28386-000	737925	4	
	Wire, 4 Conductor Shielded	025-32940-000	738777	256"	
	Connector M12	025-44341-279	859025	1	
162	SYS. 1 FLASH TANK FEED	575-77880-427	691268	1	29
	Socket, Mini Univ.	025-28386-000	737925	4	
	Wire, 4 Conductor Shielded	025-32940-000	738777	278"	
	Connector M12	025-44341-279	859025	1	
163	SYS. 1 SUCT. PRESS.	575-77880-375	691293	1	29
	Socket, Mini Univ.	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	859025	254"	
	Collar (Sensor End)	025-28950-000	65212	3	
	Receptacle, Contact (Sensor End)	025-28952-000	260	3	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
164	SYS. 1 OIL PRESS.	575-77880-709	840207	1	29
	Socket, Mini Univ.	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	859025	209"	
	Tubing, Heat Shrinkable	025-44708-001	842819	.042'	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
165	SYS. 1 DISCH. PRESS.	575-77880-430	691271	1	30
	Socket, Mini Univ.	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	859025	131"	
	Collar (Sensor End)	025-28950-000	65212	3	
	Receptacle, Contact (Sensor End)	025-28952-000	260	3	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
166	SYS. 1 EDUCTOR LINE TEMP.	575-77880-392	691309	1	29
	Socket, Mini Univ.	025-28386-000	737925	3	
	Wire, 3 Conductor Shielded	025-30463-003	859025	131"	
	Collar (Sensor End)	025-28950-000	65212	3	
	Receptacle, Contact (Sensor End)	025-28952-000	260	3	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	

TABLE 21 - SYSTEM WIRING MODEL 0289 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
167	SYS. 1 LIQ. PRESS	575-77880-722	840220	1	29
	Socket, Mini Univ.	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	270"	
	Tubing, Heat Shrinkable	025-44708-001	842819	.042'	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
168	HARNESS SYS 1 FLSH TANK LIQ. TEMP.	575-77880-792	5167414	1	29
	Socket, Mini Univ.	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-000	738503	350"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
169	HRS ENTERING CHILLED LIQUID	592-41714-039	5353635	1	28
	Socket, Connector	025-19673-000	737536	3	
	Wire, 2 Conductor Shielded	025-30463-000	738503	532"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Tubing, Heat Shrinkable	025-44708-001	842819	.042'	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
170	LEAVING CHILLED LIQUID TEMP.	575-77880-440	691281	1	28
	Socket, Connector	025-19673-000	737536	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	312"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
171	EVAP. ENTERING LIQUID TEMP.	575-77880-795	5167415	1	28
	Socket, Connector	025-19673-000	737536	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	430"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
172	WIRING HARNESS 2 CONDUCTOR	575-77880-314	562445	1	29
	Socket, Connector	025-19673-000	737536	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	166"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Tubing, Heat Shrinkable	025-44708-001	842819	.042'	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
173	SYS. 2 COND. LIQ. TEMP.	575-77880-433	691274	1	30
	Socket, Connector	025-19673-000	737536	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	236"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	

TABLE 21 - SYSTEM WIRING MODEL 0289 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
174	SYS. 2 COMP. MTR. TEMP.	575-77880-431	691272	1	30
	Socket, Mini Univ.	025-28386-000	737925	5	
	Wire, 4 Conductor Shielded	025-32940-000	738777	267"	
	1/4" Push On	025-06874-000	117021	4	
175	SYS. 2 HIGH LEVEL SW.	575-77880-432	691273	1	30
	Socket, Mini Univ.	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	182"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
176	SYS. 2 DISCH. TEMP.	575-77880-434	691275	1	30
	Socket, Mini Univ.	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	319"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
177	SYS. 2 OIL PRESS.	575-77880-438	691279	1	30
	Socket, Mini Univ.	025-28386-000	737925	3	
	Wire, 3 Conductor Shielded	025-30463-003	738503	317"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
178	SYS. 2 ECON FEED VALVE	575-77880-435	691276	1	30
	Socket, Mini Univ.	025-28386-000	737925	4	
	Wire, 4 Conductor Shielded	025-32940-000	738777	223"	
	Connector M12	025-44341-279	859025	1	
179	SYS. 2 FLASH TANK FEED	575-77880-436	691277	1	30
	Socket, Mini Univ.	025-28386-000	737925	4	
	Wire, 4 Conductor Shielded	025-32940-000	738777	214"	
	Connector M12	025-44341-279	859025	1	
180	SYS. 2 SUCT. PRESS	575-77880-437	691278	1	30
	Socket, Mini Univ.	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	240"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
181	SYS. 2 DISCH. PRESS	575-77880-439	691280	1	29
	Socket, Mini Univ.	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	351"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	

TABLE 21 - SYSTEM WIRING MODEL 0289 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
182	SYS. 2 EDUCTOR LINE TEMP.	575-77880-393	691232	1	30
	Socket, Mini Univ.	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	221"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
183	SYS. 2 LIQ. PRESS.	575-77880-391	691308	1	30
	Socket, Mini Univ.	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	225"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
184	HARNESS SYS 2 FLSH TANK LIQ. TEMP.	575-77880-791	5167412	1	30
	Socket, Mini Univ.	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	265"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
200	Gycol Pump 30Hp Inv/Encl Assy	392-48004-006	5296130	1	31
200a	Gycol Pump 30Hp Inv/Encl Assy	024-39686-006	5311867	1	31
200b	Relay 120 Vac 1No-1Nc Plug-In Ac=16.0A	024-37461-001	5241664	1	31
200c	Hrs Inv To Relay	592-41714-102	5220277	1	31
211	Heater 120 Volts, 45 Watts	025-42878-001	5171450	4	33
217	Heater Junction Box Assembly	392-27755-001	5210073	1	33
	Socket For relay	024-37460-001	5241663	2	
	Relay 120 VAC 1NO-1NC Plug-in AC=16.0A	024-37461-001	5241664	2	
218	Fuse Type=ClassJ 50.00A 600V Time Delay	025-49765-000	5351754	3	32
219	Fuse holder 3 Poles	025-47757-000	5241676	1	32

TABLE 22 - SYSTEM WIRING MODEL 0309

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
10	Sensor, Temp Tt Min=-40°C Max=110°C	025-47671-000	5167564	6	27
11	Compound, Heat Conductive 4 Oz	013-00898-000	616572	1	27
13	Sensor, Temp Tt Min=-40°C Max=110°C	025-47673-000	5167566	6	25, 26
15	Sensor, Temp Tt Min=-40°C Max=110°C	025-47688-000	5167777	1	25
21	Transducer, Pressure Sm Tonnage	025-29139-004	520036	2	25, 26
22	Valve, Transducer 1/4 Mpt X	022-09503-000	731261	2	25, 26
38	Switch, Electronic Flow	025-44383-001	740486	1	27
39	Cable	025-44383-002	740487	1	27
40	Switch, Electronic Flow	375-94519-001	799183	1	*
	Switch, Electronic Flow	025-44383-001	740486	1	
	Cable	025-44383-002	740487	1	
	Adapter, Welding	025-44383-003	740488	1	
	Kit, Switch Electronic Flow	075-94519-001	5170841	1	
147	Harness, Cooling Coil Leaving Temp Bcclt	592-41714-023	5220283	1	27
	Socket, Mini Univ. (VSD End)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	440"	
	Tubing, Heat Shrinkable	025-44708-001	842819	.042'	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
148	Harness, Heat Exchanger Entering Temp Bhxet	592-41714-024	5220282	1	27
	Socket, Mini Univ. (VSD End, P24)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	842819	497"	
	Tubing, Heat Shrinkable	025-44708-001	842819	.5"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
149	Harness, Heat Exchanger Leaving Temp Bhxlt	592-41714-025	5220281	1	27
	Socket, Mini Univ. (VSD End, P22)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	842819	539"	
	Tubing, Heat Shrinkable	025-44708-001	842819	.5"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
157	Harness, Sys. 1 Comp. Mtr. Temp.	575-77880-369	691287	1	25
	Socket, Mini Univ. (VSD End)	025-28386-000	737925	5	
	Wire, 4 Conductor Shielded	025-32940-000	738777	262"	
	Connector, Push-On (Comp End, Sys1 Comp)	025-06874-000	117021	4	
0158	Harness, Sys. 1 High Level Sw.	575-77880-423	691264	1	25
	Socket, Mini Univ. (VSD End, P26)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	842819	283"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	

TABLE 20 - SYSTEM WIRING MODEL 0309 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
159	HARNESS, SYS. 1 COND. LIQ. TEMP.	575-77880-424	691265	1	25
	Socket, Mini Univ. (VSD End, P27)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	228"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
160	HARNESS, SYS. 1 DISCH. TEMP.	575-77880-425	691266	1	25
	Socket, Mini Univ. (VSD End, P28)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	200"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
161	HARNESS, SYS. 1 ECON FEED VALVE	575-77880-426	691267	1	25
	Socket, Mini Univ. (VSD End, P28)	025-28386-000	737925	4	
	Wire, 4 Conductor Shielded	025-32940-000	738777	256"	
	Connector, M12-183827-TE (Valve End)	025-44341-279	859025	1	
162	HARNESS, SYS. 1 FLASH TANK FEED	575-77880-427	691268	1	25
	Socket, Mini Univ. (VSD End, P28)	025-28386-000	737925	4	
	Wire, 4 Conductor Shielded	025-32940-000	738777	278"	
	Connector, M12-183827-TE (Tank End)	025-44341-279	859025	1	
163	HARNESS, SYS. 1 SUCT. PRESS.	575-77880-375	691293	1	25
	Socket, Mini Univ. (VSD End, P29)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	254"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
164	HARNESS, SYS. 1 OIL PRESS.	575-77880-709	840207	1	25
	Socket, Mini Univ. (VSD End, P29)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	209"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Tubing, Heat Shrinkable (Sensor End)	025-44708-001	842819	.5"	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
165	HARNESS, SYS. 1 DISCH. PRESS.	575-77880-430	691271	1	26
	Socket, Mini Univ. (VSD End, P29)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	131"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
166	HARNESS, SYS. 1 EDUCTOR LINE TEMP.	575-77880-392	691309	1	25
	Socket, Mini Univ. (VSD End, P49)	025-28386-000	737925	4	
	Wire, 2 Conductor Shielded	025-30463-002	738502	329"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	

TABLE 20 - SYSTEM WIRING MODEL 0309 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
167	Harness, Sys. 1 Liq. Press	575-77880-722	840220	1	25
	Socket, Mini Univ. (VSD End, P76)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	270"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Tubing, Heat Shrinkable (Sensor End)	025-44708-001	842819	.5"	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
168	Harness, Sys 1 Flsh Tank Liq. Temp.	575-77880-792	5167414	1	25
	Socket, Mini Univ. (VSD End, Microboard)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	350"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
169	Harness, Entering Chilled Liquid Temp	592-41714-026	5220280	1	27
	Socket, Connector (VSD End, P25)	025-19673-000	737536	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	487"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Tubing, Heat Shrinkable (Sensor End)	025-44708-001	842819	.5"	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
170	Harness, Leaving Chilled Liquid Temp.	575-77880-440	691281	1	27
	Socket, Connector (VSD End, P25)	025-19673-000	737536	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	312"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
171	Harness, Evap. Entering Liquid Temp.	575-77880-795	5167415	1	27
	Socket, Connector (VSD End, Microboard)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	360"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
172	Harness, 2 Conductor	575-77880-314	562445	1	25
	Socket, Connector (VSD End, P25)	025-19673-000	737536	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	166"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Tubing, Heat Shrinkable (Sensor End)	025-44708-001	842819	.5"	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
173	Harness, Sys. 2 Cond. Liq. Temp.	575-77880-433	691274	1	26
	Socket, Mini Univ. (VSD End, P31)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	236"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	

TABLE 20 - SYSTEM WIRING MODEL 0309 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
174	Harness, Sys. 2 Comp. Mtr. Temp.	575-77880-431	691272	1	26
	Socket, Mini Univ. (VSD END, P30)	025-28386-000	737925	5	
	Wire, 4 Conductor Shielded	025-32940-000	738777	267"	
	Connector, Push-On (Comp End, Sys1 Comp JB)	025-06874-000	117021	4	
175	Harness, Sys. 2 High Level Sw.	575-77880-432	691273	1	26
	Socket, Mini Univ. (VSD END, P30)	025-28386-000	737925	5	
	Wire, 2 Conductor Shielded	025-30463-002	738502	182"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
176	Harness, Sys. 2 Disch. Temp.	575-77880-434	691275	1	26
	Socket, Mini Univ. (VSD END, P32)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	319"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
177	Harness, Sys. 2 Oil Press.	575-77880-438	691279	1	26
	Socket, Mini Univ. (VSD END, P33)	025-28386-000	737925	4	
	Wire, 2 Conductor Shielded	025-30463-002	738502	317"	
	Collar (Sensor End)	025-28950-000	65212	3	
	Receptacle, Contact (Sensor End)	025-28952-000	260	3	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
178	Harness, Sys. 2 Econ Feed Valve	575-77880-435	691276	1	26
	Socket, Mini Univ. (VSD END, P33)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	317"	
	Collar (Sensor End)	025-28950-000	65212	3	
	Receptacle, Contact (Sensor End)	025-28952-000	260	3	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
179	Harness, Sys. 2 Flash Tank Feed	575-77880-436	691277	1	26
	Socket, Mini Univ. (VSD END, P32)	025-28386-000	737925	4	
	Wire, 4 Conductor Shielded	025-32940-000	738777	214"	
	Connector, M12-183827-TE (Tank End)	025-44341-279	859025	1	
180	Harness, Sys. 2 Suct. Press	575-77880-437	691278	1	26
	Socket, Mini Univ. (VSD END, P33)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	240"	
	Collar (Sensor End)	025-28950-000	65212	3	
	Receptacle, Contact (Sensor End)	025-28952-000	260	3	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
181	Harness, Sys. 2 Disch. Press	575-77880-439	691280	1	25
	Socket, Mini Univ. (VSD END, P33)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	351"	
	Collar (Sensor End)	025-28950-000	65212	3	
	Receptacle, Contact (Sensor End)	025-28952-000	260	3	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	

TABLE 20 - SYSTEM WIRING MODEL 0309 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
182	Harness, Sys. 2 Eductor Line Temp.	575-77880-393	691232	1	26
	Socket, Mini Univ. (VSD END, P53)	025-28386-000	737925	3	
	Wire, 3 Conductor Shielded	025-30463-003	738503	221"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
183	Harness, Sys. 2 Liq. Press.	575-77880-391	691308	1	26
	Socket, Mini Univ. (VSD END, P77)	025-28386-000	737925	3	
	Wire, 3 Conductor Shielded	025-30463-003	738503	225"	
	Collar (Sensor End)	025-28950-000	65212	3	
	Receptacle, Contact (Sensor End)	025-28952-000	260	3	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
184	Harness, Sys 2 Flsh Tank Liq. Temp.	575-77880-791	5167412	1	26
	Socket, Mini Univ. (VSD END, Microboard)	025-28386-000	737925	4	
	Wire, 2 Conductor Shielded	025-30463-002	738502	265"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	

NOTE: Items with an * are NOT represented.

TABLE 23 - SYSTEM WIRING MODEL 0359

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
10	Sensor, Temp TT Min=-40°C Max=110°C	025-47671-000	5167564	3	27
11	Compound, Heat Conductive 4 oz	013-00898-000	616572	1	27
13	Sensor, Temp TT Min=-40°C Max=110°C	025-47673-000	5167566	6	26
15	Sensor, Temp TT Min=-40°C Max=110°C	025-47688-000	5167777	1	25
21	Transducer, Pressure	025-29139-004	520036	4	25, 26
22	Valve, Transducer 1/4 Mpt X	022-09503-000	731261	2	25, 26
38	Switch, Electronic Flow	025-44383-001	740486	1	27
39	Cable, Flow Switch	025-49131-000	5279351	1	27
147	Harness, Cooling Coil Leaving Temp	592-44457-023	5279379	1	27
	Socket, Mini Univ. (VSD END, P21)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	415"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Tubing, Heat Shrinkable (Sensor End)	025-44708-001	842819	.5"	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
148	Harness, Heat Exchanger Entering Te	592-44457-024	5279380	1	27
	Socket, Mini Univ. (VSD END, P21)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	415"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Tubing, Heat Shrinkable (Sensor End)	025-44708-001	842819	.5"	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
149	Harness, Heat Exchanger Leaving Tem	592-44457-025	5279381	1	27
	Socket, Mini Univ. (VSD END, P21)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	512"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Tubing, Heat Shrinkable (Sensor End)	025-44708-001	842819	.5"	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
157	Harness, Sys. 1 Compr. Mtr. Temp.	575-77880-343	808485	1	25
	Socket, Mini Univ. (VSD END, P26)	025-28386-000	737925	5	
	Wire, 4 Conductor Shielded	025-32940-000	738777	292"	
	Connector, Push-On (Comp End, Sys1 Comp JB)	025-06874-000	117021	4	
158	Harness, Sys. 1 High Level Sw.	575-77880-357	683416	1	25
	Socket, Mini Univ. (VSD END, P26)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	335"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
159	Harness, Sys. 1 Cond. Liq. Temp.	575-77880-358	683418	1	25
	Socket, Mini Univ. (VSD END, P27)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	273"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	

TABLE 12 - SYSTEM WIRING MODEL 0359 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
160	Harness, Sys 1 Disch. Temp.	575-77880-345	683419	1	25
	Socket, Mini Univ. (VSD END, P28)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	223"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
161	Harness, Sys. 1 Econ. Feed	575-77880-361	683420	1	25
	Socket, Mini Univ. (VSD END, P28)	025-28386-000	737925	4	
	Wire, 4 Conductor Shielded	025-32940-000	738777	307"	
	Connector, M12-183827-TE (Valve End)	025-44341-279	859025	1	
162	Harness, Sys. 1 Flash Tank Feed	575-77880-359	683421	1	25
	Socket, Mini Univ. (VSD END, P28)	025-28386-000	737925	4	
	Wire, 4 Conductor Shielded	025-32940-000	738777	331"	
	Connector, M12-183827-TE (Valve End)	025-44341-279	859025	1	
163	Harness, Sys. 1 Suct. Press.	575-77880-347	683423	1	25
	Socket, Mini Univ. (VSD END, P28)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	277"	
	Collar (Sensor End)	025-28950-000	65212	3	
	Receptacle, Contact (Sensor End)	025-28952-000	260	3	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
164	Harness, Sys. 1 Oil Press.	575-77880-349	683424	1	25
	Socket, Mini Univ. (VSD END, P29)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	219"	
	Collar (Sensor End)	025-28950-000	65212	3	
	Receptacle, Contact (Sensor End)	025-28952-000	260	3	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
165	Harness, Wiring	575-77880-726	840224	1	26
	Socket, Mini Univ. (VSD END, P29)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	219"	
	Collar (Sensor End)	025-28950-000	65212	3	
	Receptacle, Contact (Sensor End)	025-28952-000	260	3	
	Tubing, Heat Shrinkable (Sensor End)	025-44708-001	842819	.5"	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
166	Harness, Sys. 1 Eductor Line Temp.	575-77880-363	683435	1	25
	Socket, Mini Univ. (VSD END, P49)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	291"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
167	Harness, Sys. 1 Liq. Press.	575-77880-360	683434	1	25
	Socket, Mini Univ. (VSD END, P76)	025-28386-000	737925	3	
	Wire, 3 Conductor Shielded	025-30463-003	738503	291"	
	Collar (Sensor End)	025-28950-000	65212	3	
	Receptacle, Contact (Sensor End)	025-28952-000	260	3	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	

TABLE 12 - SYSTEM WIRING MODEL 0359 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
168	Harness, Sys 1 Flash Tank Liquid Temp.	575-77880-793	5186611	1	25
	Socket, Mini Univ. (VSD END, Microboard)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	395"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
169	Harness, Entering Chilled Liquid Temp	592-44457-026	5279382	1	27
	Socket, Connector (VSD END, P25)	025-19673-000	737536	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	470"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Tubing, Heat Shrinkable (Sensor End)	025-44708-001	842819	.5"	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
170	Harness, Lwt	575-77880-738	872609	1	27
	Socket, Connector (VSD END, P25)	025-19673-000	737536	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	374"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Tubing, Heat Shrinkable (Sensor End)	025-44708-001	842819	.5"	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
171	Harness, Evap. Entering Liquid Temp.	575-77880-796	5186613	1	27
	Socket, Connector (VSD END, Microboard)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	415"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
172	Harness, 2 Conductor	575-77880-314	562445	1	25
	Socket, Connector (VSD END, P25)	025-19673-000	737536	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	166"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Tubing, Heat Shrinkable (Sensor End)	025-44708-001	842819	.5"	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
173	Harness, 2 Conductor	575-77880-309	562450	1	26
	Socket, Mini Univ. (VSD END, P31)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	239"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Tubing, Heat Shrinkable (Sensor End)	025-44708-001	842819	.5"	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
174	Harness, Sys. 2 Compr. Mtr. Temp.	575-77880-779	985917	1	26
	Socket, Mini Univ. (VSD END, P30)	025-28386-000	737925	5	
	Wire, 4 Conductor Shielded	025-32940-000	738777	312"	
	Connector, Push-On (Comp End, Sys2 Comp JB)	025-06874-000	117021	4	

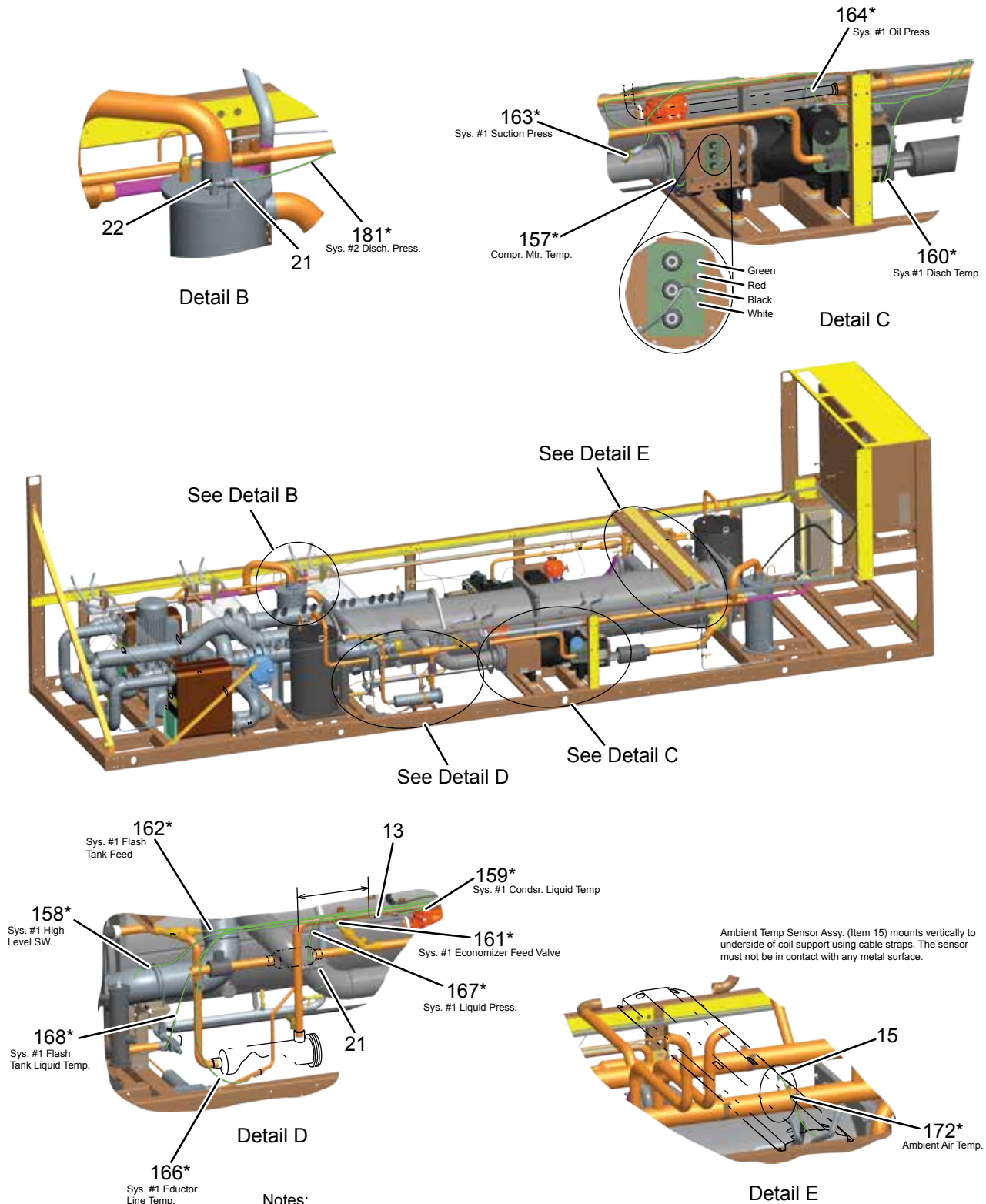
TABLE 12 - SYSTEM WIRING MODEL 0359 (CONT'D)

ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
175	Harness, Sys. #2 High Level Sw.	575-77880-328	577001	1	26
	Socket, Mini Univ. (VSD END, P30)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	195"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
176	Harness, Sys 2 Disch. Temp.	575-77880-734	872605	1	26
	Socket, Mini Univ. (VSD END, P32)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	362"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Tubing, Heat Shrinkable (Sensor End)	025-44708-001	842819	.5"	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
177	Harness, Sys. 2 Oil Press.	575-77880-350	683430	1	26
	Socket, Mini Univ. (VSD END, P33)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	350"	
	Collar (Sensor End)	025-28950-000	65212	3	
	Receptacle, Contact (Sensor End)	025-28952-000	260	3	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
178	Harness, Sys. 2 Econ. Feed	575-77880-362	683428	1	26
	Socket, Mini Univ. (VSD END, P32)	025-28386-000	737925	4	
	Wire, 4 Conductor Shielded	025-32940-000	738777	226"	
	Connector, M12-183827-TE (Tank End)	025-44341-279	859025	1	
179	Harness, Sys. 2 Flash Tank Feed	575-77880-383	691301	1	26
	Socket, Mini Univ. (VSD END, P32)	025-28386-000	737925	4	
	Wire, 4 Conductor Shielded	025-32940-000	738777	219"	
	Connector, M12-183827-TE (Tank End)	025-44341-279	859025	1	
180	Harness, Sys. 2 Suct. Press.	575-77880-348	683429	1	26
	Socket, Mini Univ. (VSD END, P33)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	269"	
	Collar (Sensor End)	025-28950-000	65212	3	
	Receptacle, Contact (Sensor End)	025-28952-000	260	3	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
181	Harness, Sys 2 Disch Press	575-77880-737	872608	1	25
	Socket, Mini Univ. (VSD END, P33)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	411"	
	Collar (Sensor End)	025-28950-000	65212	3	
	Receptacle, Contact (Sensor End)	025-28952-000	260	3	
	Tubing, Heat Shrinkable (Sensor End)	025-44708-001	842819	.5"	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	

TABLE 12 - SYSTEM WIRING MODEL 0359 (CONT'D)

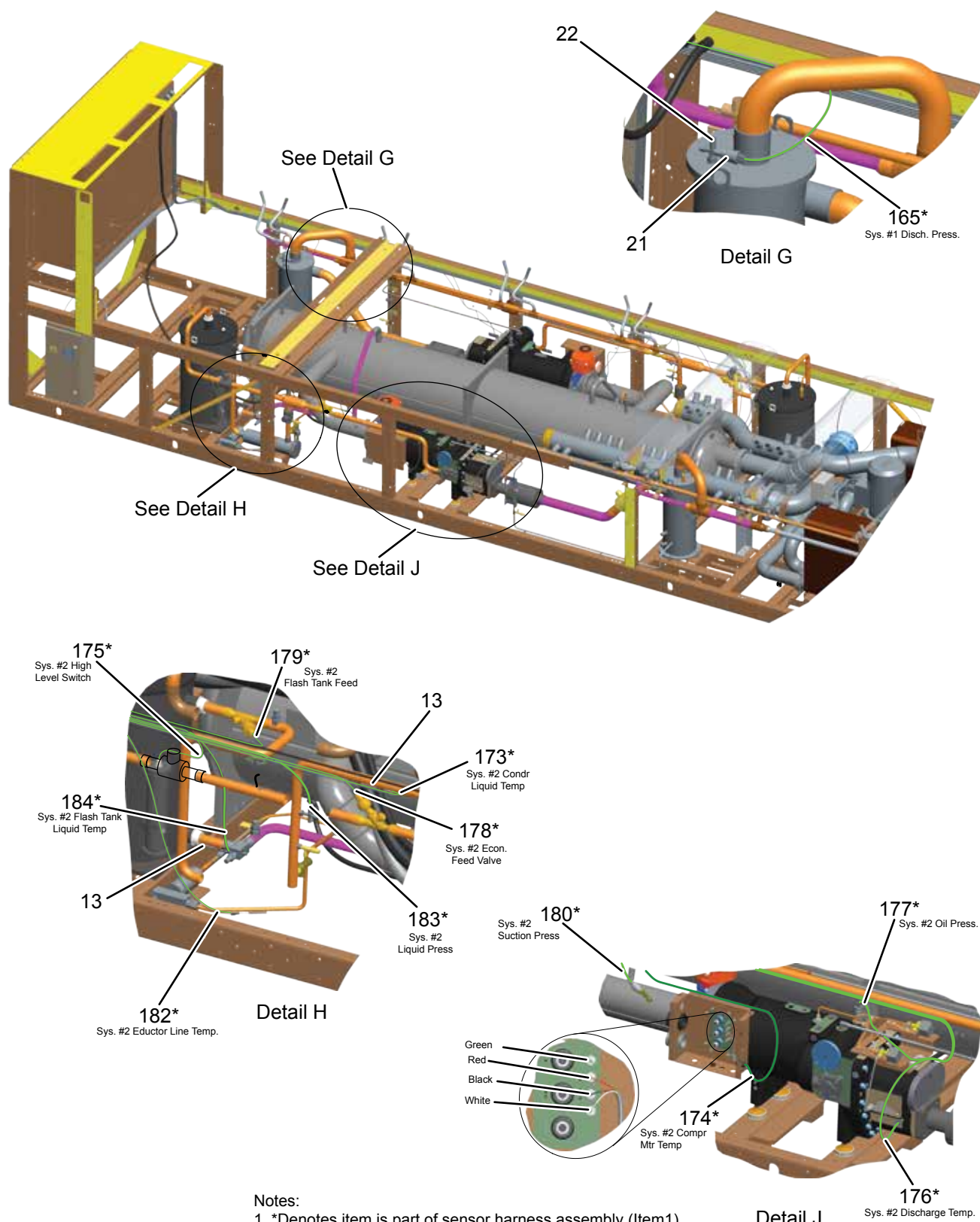
ITEM	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
182	Harness, Sys. 2 Eductor Line Temp.	575-77880-364	683436	1	26
	Socket, Mini Univ. (VSD END, P53)	025-28386-000	737925	3	
	Wire, 2 Conductor Shielded	025-30463-002	738502	254"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	
183	Harness, Sys 2 Liq Press	575-77880-741	872612	1	26
	Socket, Mini Univ. (VSD END, P77)	025-28386-000	737925	4	
	Wire, 3 Conductor Shielded	025-30463-003	738503	246"	
	Collar (Sensor End)	025-28950-000	65212	3	
	Receptacle, Contact (Sensor End)	025-28952-000	260	3	
	Tubing, Heat Shrinkable (Sensor End)	025-44708-001	842819	.5"	
	Plug, Connector (Sensor End)	025-28954-000	62725	1	
184	Harness, Sys. 2 Flash Tank Liquid Temp.	575-77880-794	5186612	1	26
	Socket, Mini Univ. (VSD END, Microboard)	025-28386-000	737925	3	
	Wire, 3 Conductor Shielded	025-30463-003	738503	272"	
	Collar (Sensor End)	025-28950-000	65212	2	
	Receptacle, Contact (Sensor End)	025-28952-000	260	2	
	Plug, Connector (Sensor End)	025-28951-000	62724	1	

NOTE: Items with an * are NOT represented.



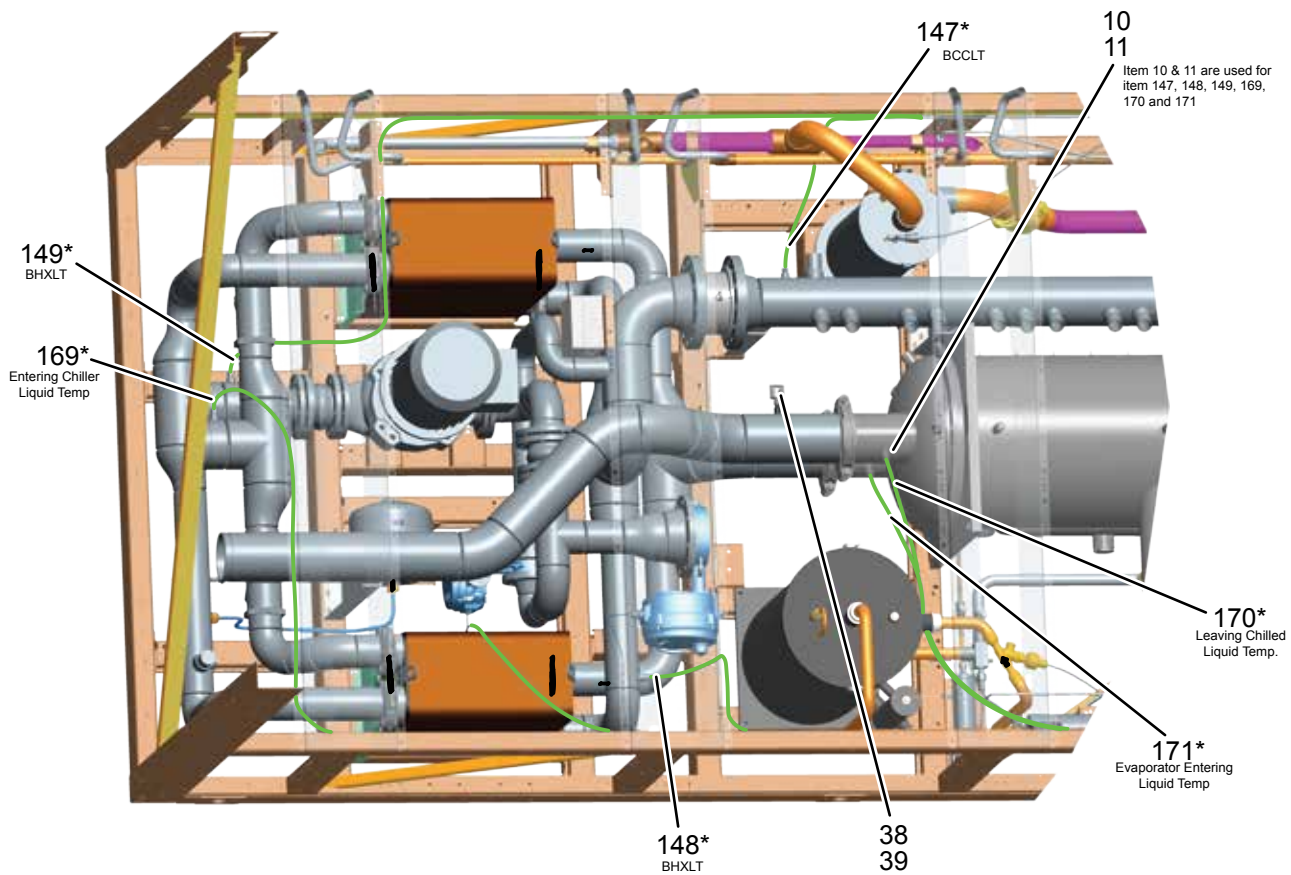
LD21891

FIGURE 25 - SYSTEM WIRING MODEL 0259, 0309 AND 0359



LD21892

FIGURE 26 - SYSTEM WIRING MODEL 0259, 0309 AND 0359

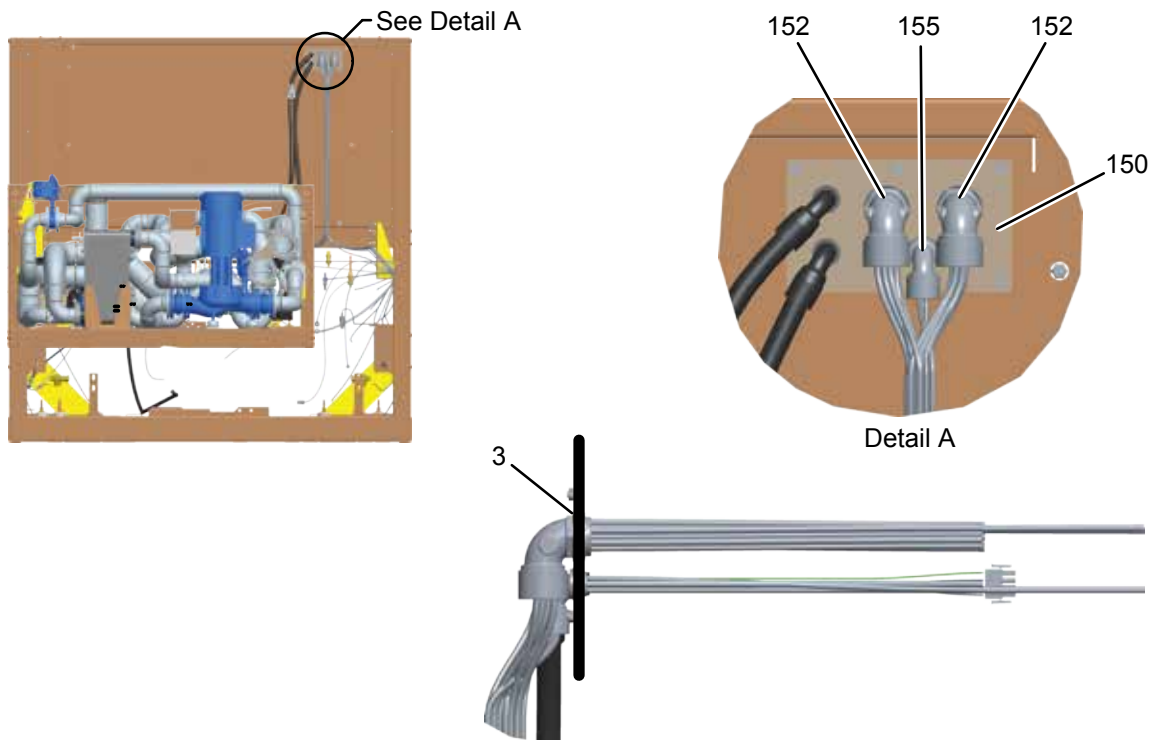


Notes:

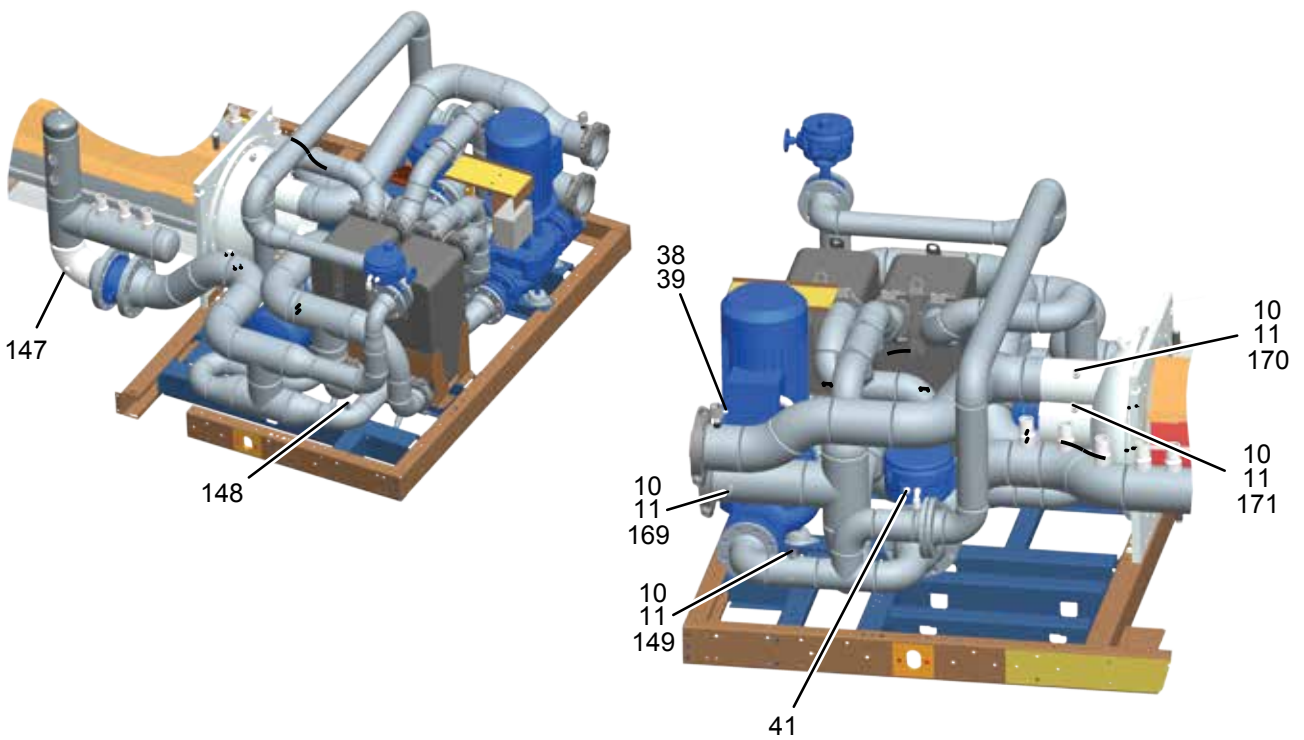
1. Apply thermal conductive compound (Item 11) in each sensor well to ensure reliable thermocontact between bulb and cooling liquid.
2. *Denotes Item is part of sensor harness assembly (Item 1).

LD21893

FIGURE 27 - SYSTEM WIRING MODEL 0259, 0309 AND 0359

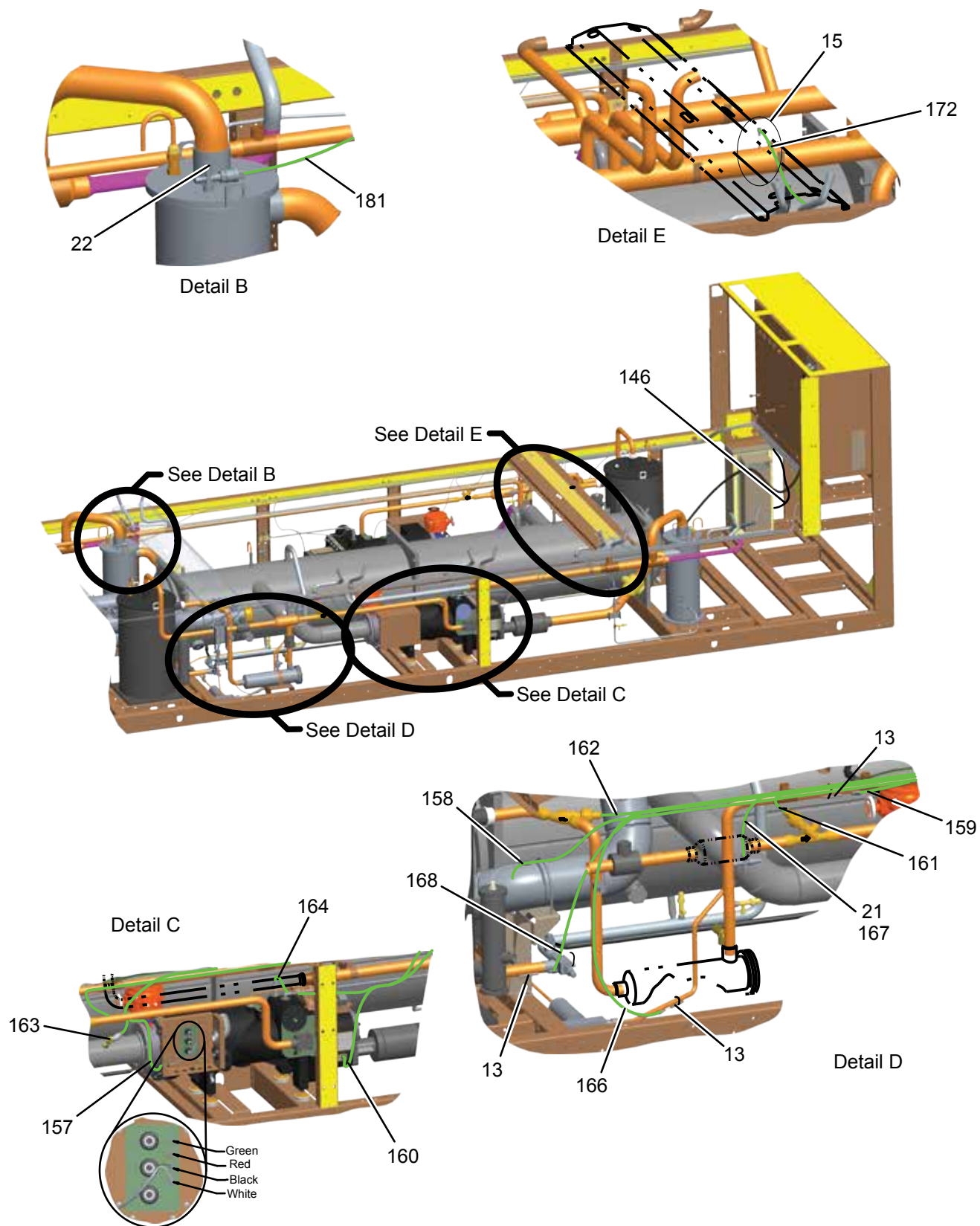


LD22505



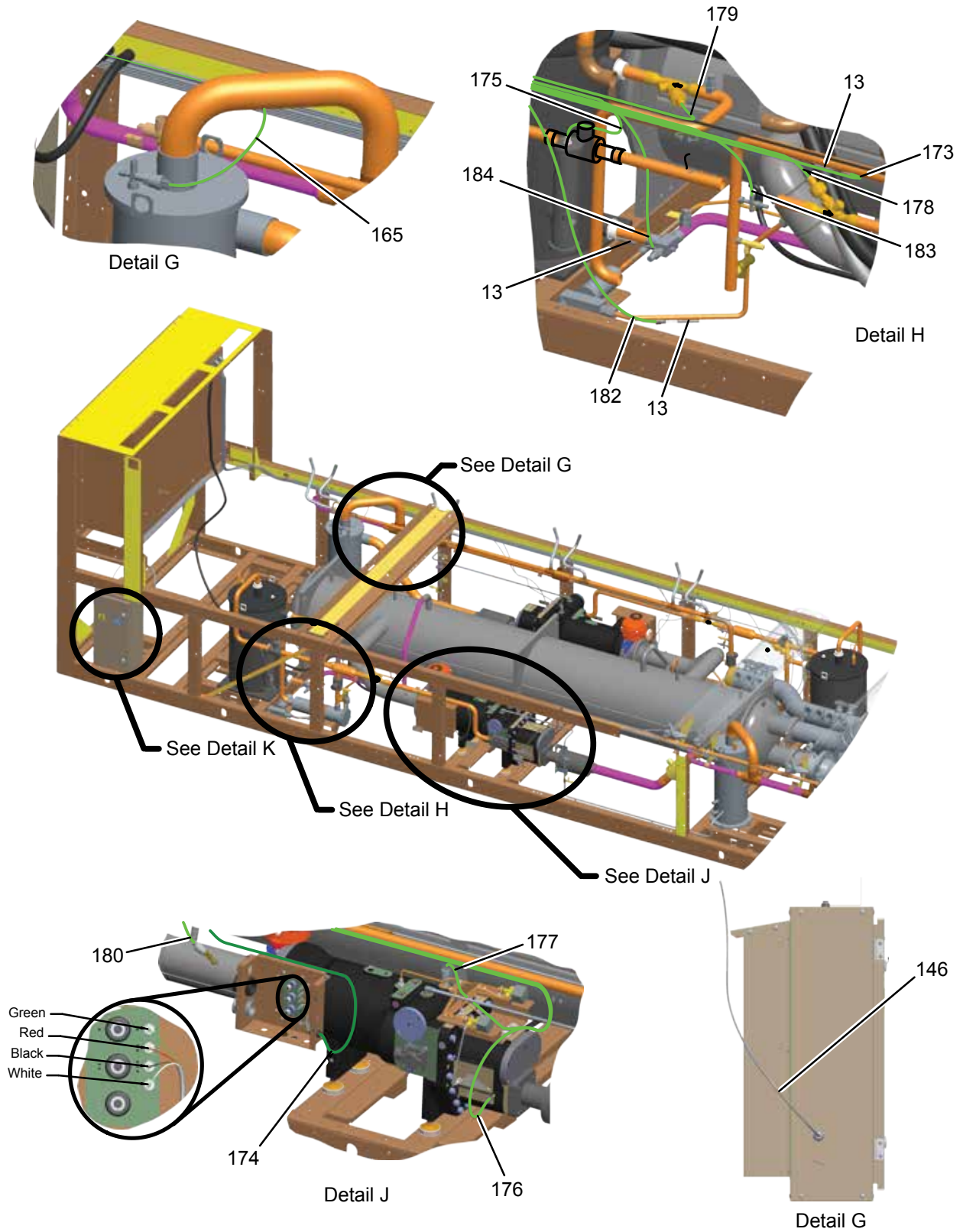
LD22508

FIGURE 28 - SYSTEM WIRING MODELS 0159, 0209, 0289



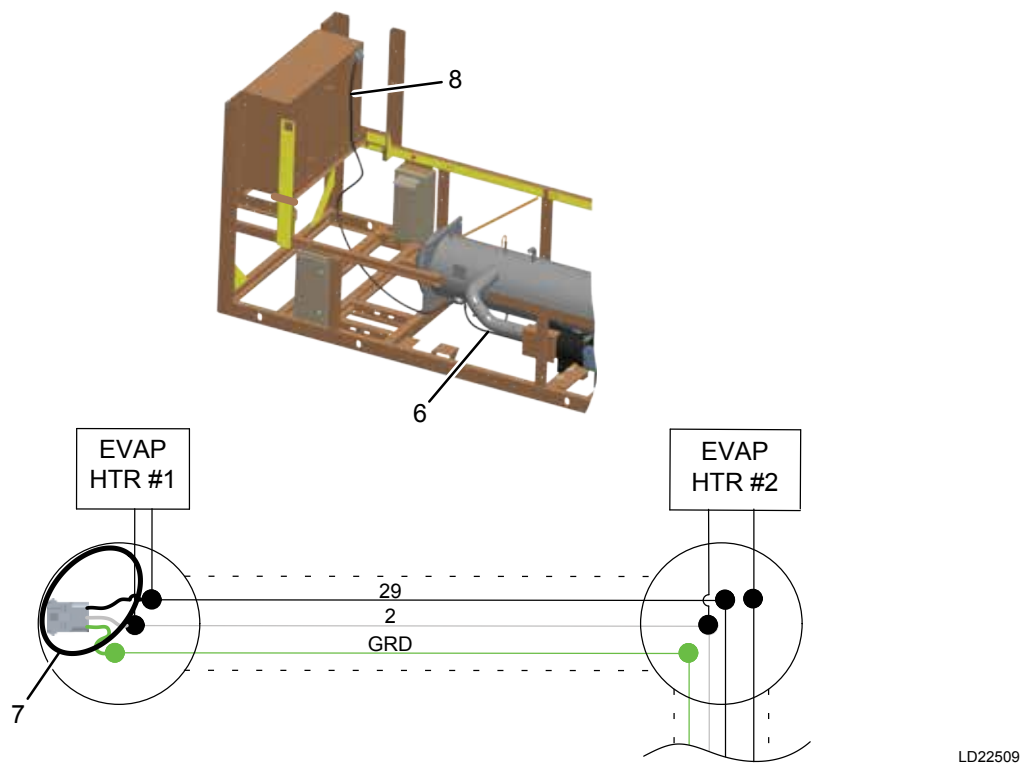
LD22506

FIGURE 29 - SYSTEM WIRING MODELS 0159, 0209, 0289

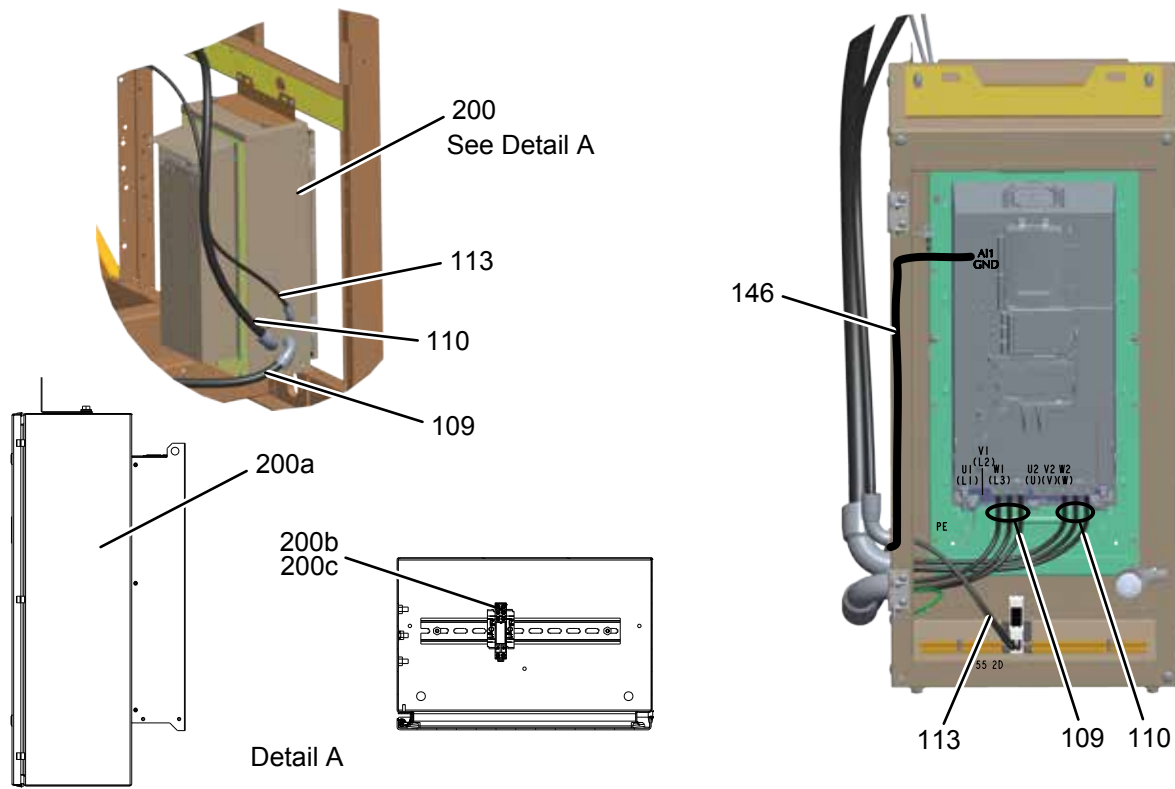


LD22507

FIGURE 30 - SYSTEM WIRING MODELS 0159, 0209, 0289

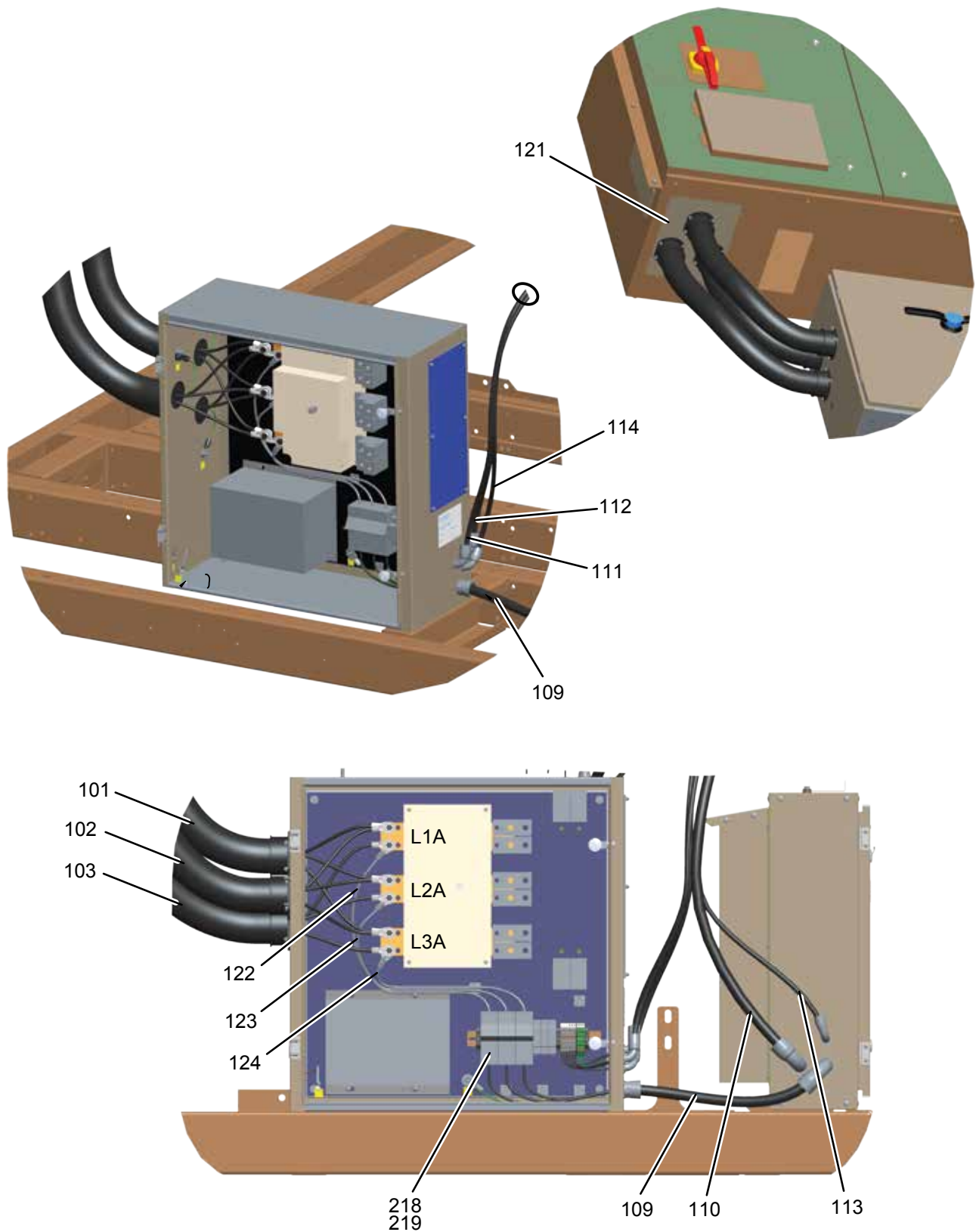


LD22509



LD22511

FIGURE 31 - SYSTEM WIRING MODELS 0159, 0209, 0289



LD22510

FIGURE 32 - SYSTEM WIRING MODELS 0159, 0209, 0289

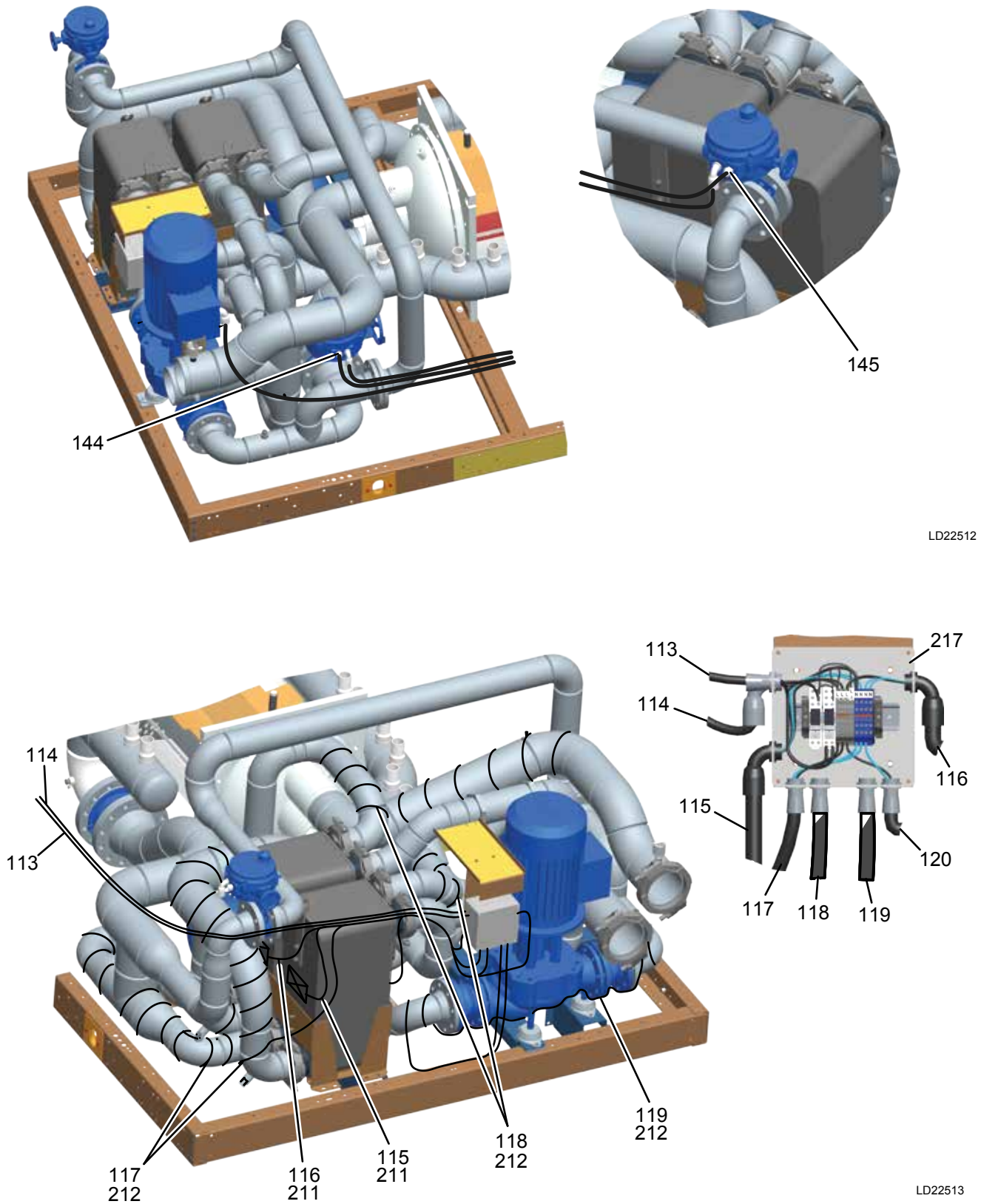


FIGURE 33 - SYSTEM WIRING MODELS 0159, 0209, 0289

TABLE 24 - 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	34
	50	L, G		024-36874-004	635527		
	50	C					
4	17,28,46,58	L	Bracket, Fan Support	092-18461-051	5143880	4	34
	50	L, G					
	50	C					
6	17,28,46,58	L	Fan, Impeller (900Mm)	026-45538-000	706270	1	34
	50	L, G		026-46066-000	635529		
	50	C		026-50193-000	5281094		

NOTE: Items with an * are NOT represented.

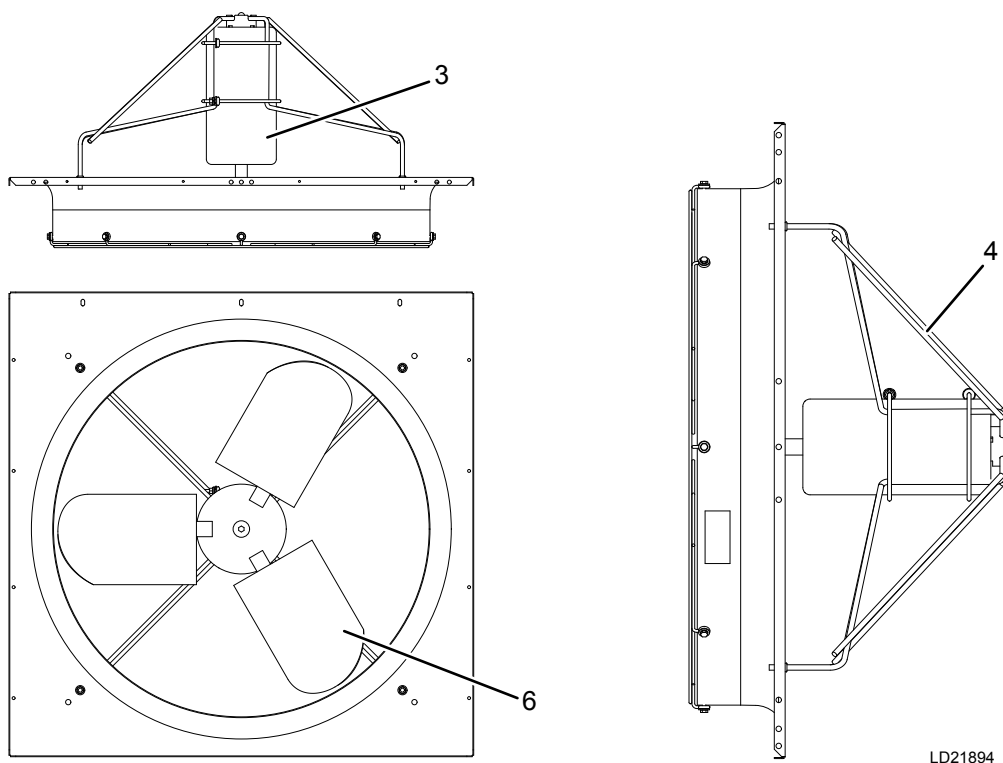


FIGURE 34 - FAN DECK

TABLE 25 - COIL MODULE

ITEM	PIN 50 =	DESCRIPTION	PART NUMBER	SAP NUMBER	QUANTITY	FIGURE
2	M	COIL, POST-COATED MICROCHANNEL	326-46798-001	5292397	2	36
	N		326-46798-000	696081		
	T		326-46798-001	529397		
39	M, N	COIL, POST COATED GLYCOL	326-48199-000	1187123	2	35, 36
	T		326-48199-000	1187123		
53	M, N, T	COIL, FREE COOLING GLYCOL	392-18458-102	5143893	1	35, 36
54	M, N, T	COIL, FREE COOLING GLYCOL	392-18458-101	5143892	1	35, 36

NOTE: Items with an * are NOT represented.

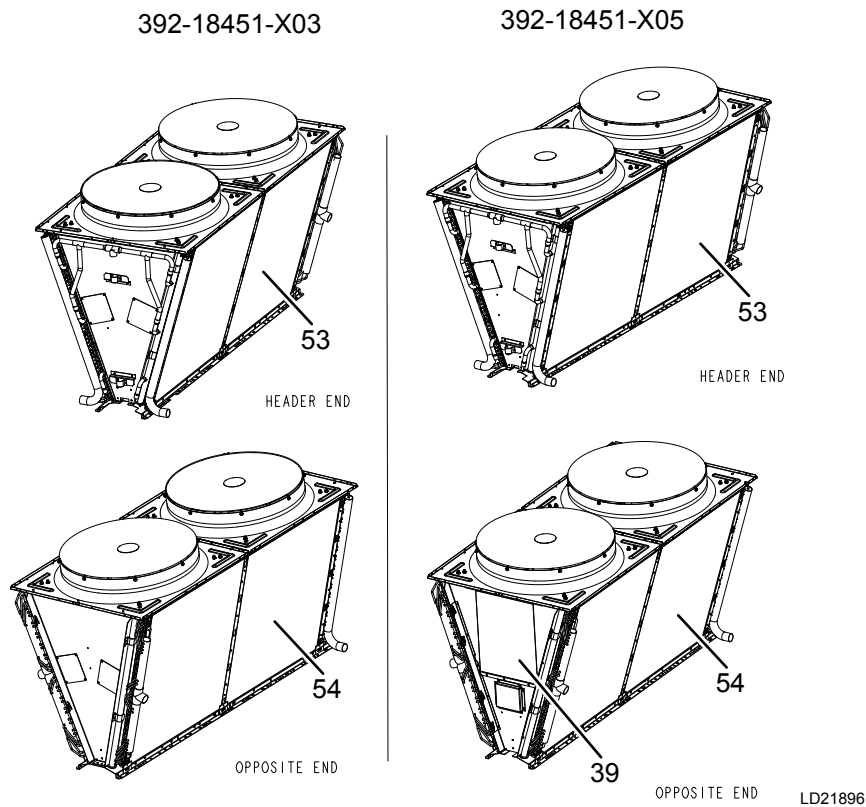


FIGURE 35 - COIL MODULE

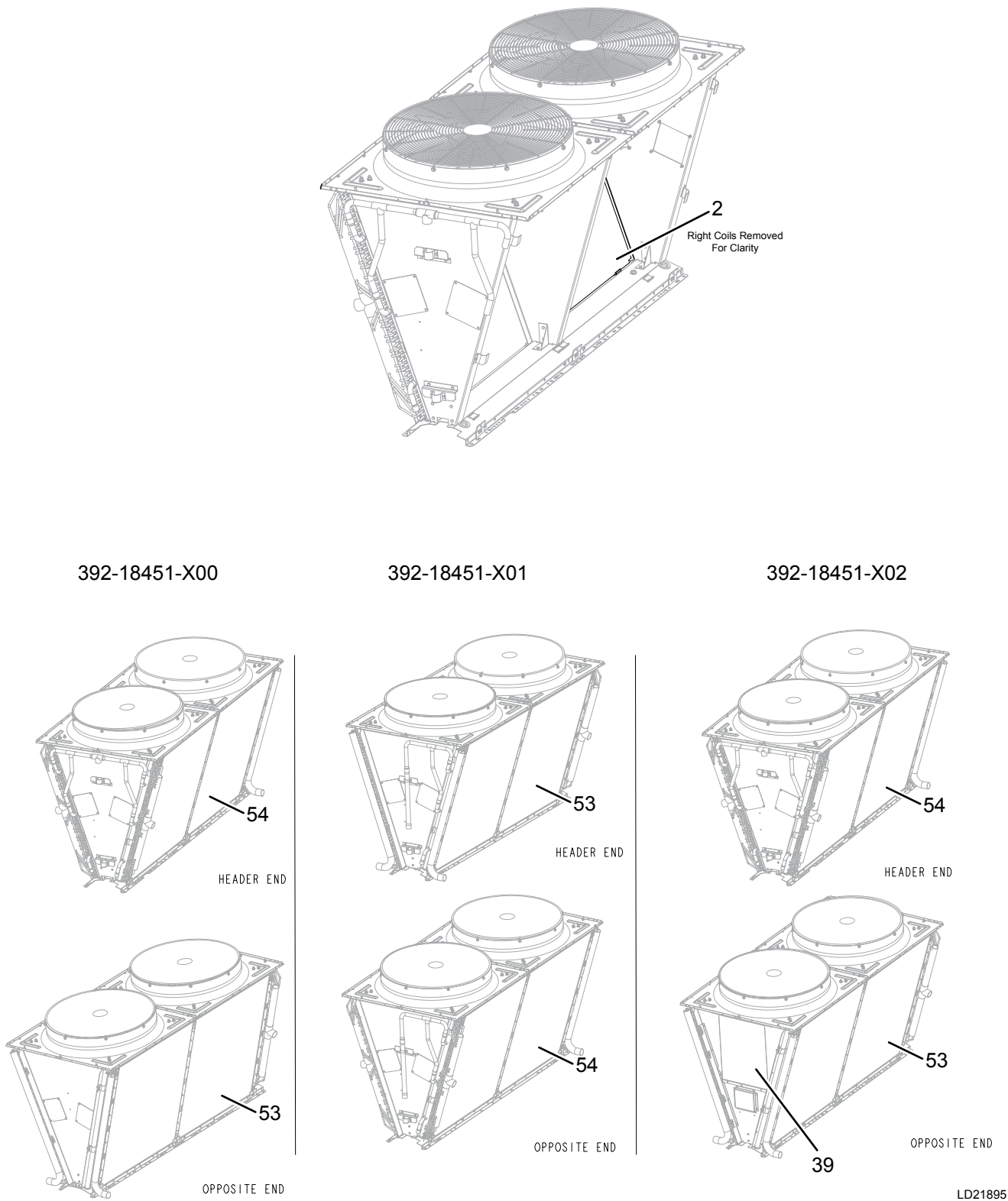


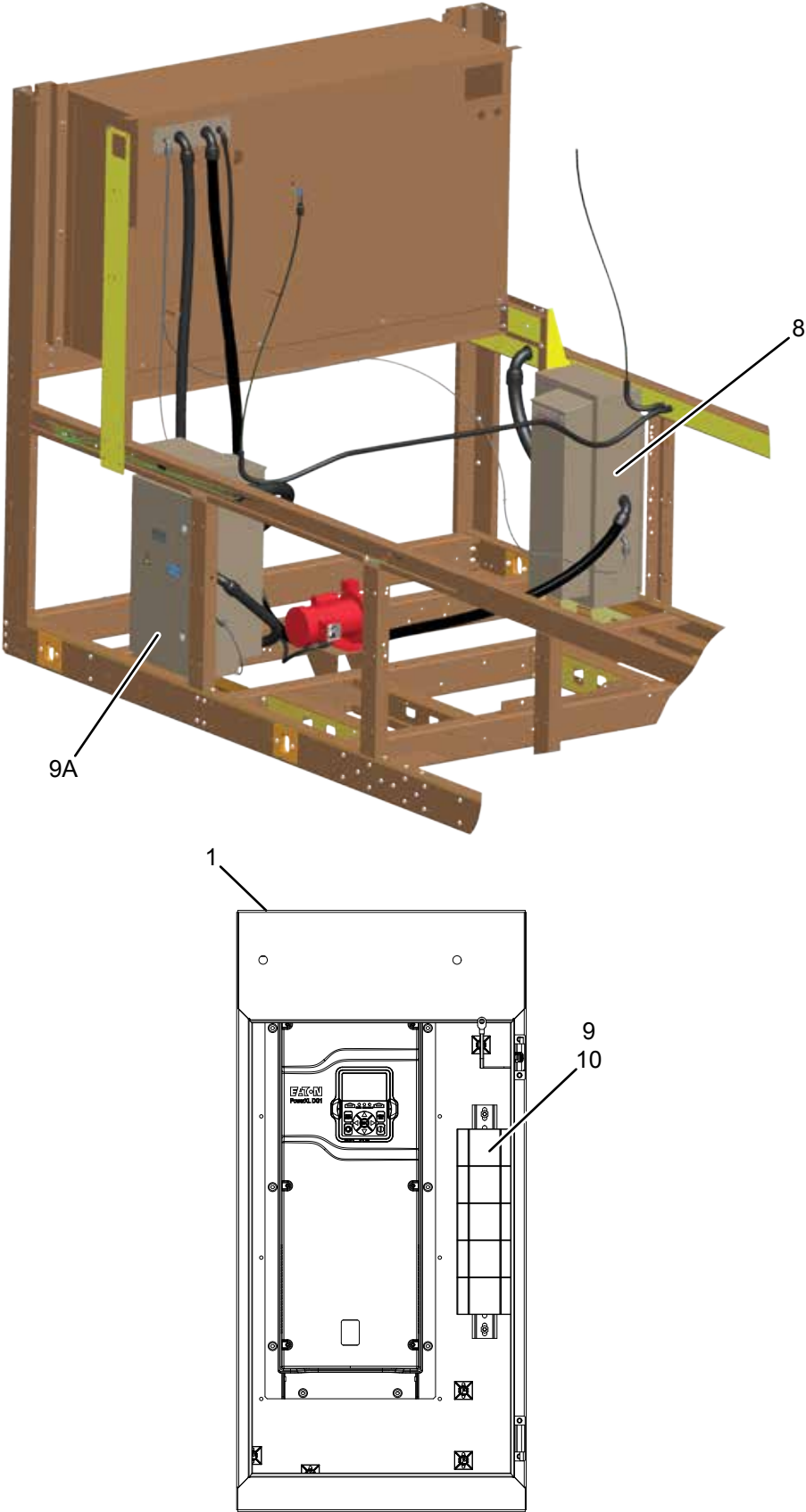
FIGURE 36 - COIL MODULE

TABLE 26 - 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 37 - FAN INVERTER

TABLE 27 - 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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