



BY JOHNSON CONTROLS

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**SERVICE PARTS LIST**

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**Service Parts List**

**RXF**

**ROTARY SCREW COMPRESSOR UNITS**

**WITH**

**QUANTUM™ LX CONTROL**

**MODELS: RXF 12 through 101**

## HOW TO USE SERVICE PARTS LIST

This Service Parts List is for redesigned Frick RXF, Rotary Screw Compressor Units, Models 12—101 built after September 2006. Units built with special options, modifications, or conversions are not taken into consideration.

This Service Parts List provides identification for detail parts by Figure and Index Number, Item Number and Description. To determine correct replacement item, locate item on Figure 1, 2, etc., note index number, refer to corresponding index number in parts list for item number and description. Quantity per assembly is located in QTY. column. Unit of measure is always "each" unless specified otherwise in Quantity column. When Ref. is in QTY. column, this means that the Item Number is for information only and is not necessarily a service replacement part. Contact Baltimore Parts Center for more information. REV. (Revision) column tells the level of the engineering drawing used here. The P & I REF. column gives the number of the item as shown on the Piping and Instrumentation drawing.

The Numerical Parts List can be used to locate a specific item in the Service Parts List. Look for the part by Frick Item Number and it will refer you to the Figure and Index Number where it is located.

Abbreviations found in this manual include:

A/R .....	As Required	SW .....	Socket Weld
HW .....	Hand Wheel	TSOC.....	Thermosyphon Oil Cooler
Ref.....	Reference	WIL .....	Weld-In-Line
SC .....	Seal Cap	WCOC .....	Water Cooled Oil Cooler

The **Unit Data Plate** listing model/serial number etc., is attached to the rear motor mounting bracket, when facing the motor end opposite the coupling.

**NOTE: PLEASE PROVIDE FRICK ORDER NUMBER, UNIT MODEL NUMBER, AND UNIT SERIAL NUMBER WHEN REQUESTING A QUOTATION OR PLACING AN ORDER. FAILURE TO INCLUDE THIS INFORMATION MAY DELAY PROCESSING OF YOUR REQUEST.**

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**RECOMMENDED SPARE PARTS - CURRENT STANDARD DESIGN**

DESCRIPTION	QTY.	MODEL	ITEM NUMBER
<b>UNIT:</b>			
Sensor, Temperature Probe only	1	ALL	639A0151H01
Transducer, Pressure, 0—200 PSIA	1	ALL	913A0146H01
Transducer, Pressure, 0—500 PSIA	1	ALL	913A0146H02
Linear Transmitter, Short Stroke	1	ALL	534C1552H01
Valve, Solenoid, Yuken 120/60 & 110/50	1	12—50	951A0114H01
Valve, Solenoid, Yuken 240/60, 240/50, & 220/50	1	12—50	951A0114H02
Coil for 951A0114H01 Above	2	12—50	951A0114H05
Coil for 951A0114H02 Above	1	12—50	951A0114H06
Valve, Solenoid, Danfoss 120/60 w/DIN	1	ALL	951A0115G01
Valve, Solenoid, Danfoss 240/60 w/DIN	1	ALL	951A0115G02
Coil for 951A0115G01 Above	1	ALL	950A0293H02
Coil for 951A0115G02 Above	1	ALL	950A0293H01
Valve, Solenoid, Vickers 120/60 & 110/50	1	58—101	951A0092H01
Valve, Solenoid, Vickers 240/60 & 220/50	1	58—101	951A0092H02
Coil for 951A0092H01 Above	1	58—101	951A0092H04
Coil for 951A0092H02 Above	1	58—101	951A0092H05
Heater, Oil, 500W, 120V	1	ALL	913A0047H01
Heater, Oil, 1000W, 120V	1	ALL	913A0047H02
Oil Level Sensor less well	1	ALL	913A0123H11
Filter, Coalescing, DeMistifier™	1	12—19	531B0099H03
Filter, Coalescing, DeMistifier™	1	24—50	531B0099H02
Filter, Coalescing, DeMistifier™	1	58—68	531B0099H01
Filter, Coalescing, DeMistifier™	2	58—101	531B0099H01
Gasket, Separator Access Cover	1	12—19	959A0090H02
Gasket, Separator Access Cover	1	24—50	959A0090H05
Gasket, Separator Manway	1	58 & 68	531A0105H03
Gasket, Separator Manway	1	85 & 101	531A0105H04
Cartridge, Oil Filter, SuperFilter™ II	1	12—50	535A0354H02
Element, Filter, Oil, SuperFilter™ II	1	58—101	531A0224H02
Gasket, for 531A0224H02 above	1	58—101	959A0082H02
Kit, Shaft Seal, XJF 95	1	12—19	111Q0043229
Kit, Shaft Seal, XJF 120	1	24—50	534A0980G01
Kit, Shaft Seal, XJF 151	1	58—101	534M0602G02

**Note: This list is based on one unit. When stocking for more than one unit, the quantity should be adjusted to meet your individual requirements.**

For help in identifying valves, see Shutoff Valve Identification Guide S160-800 SPL.

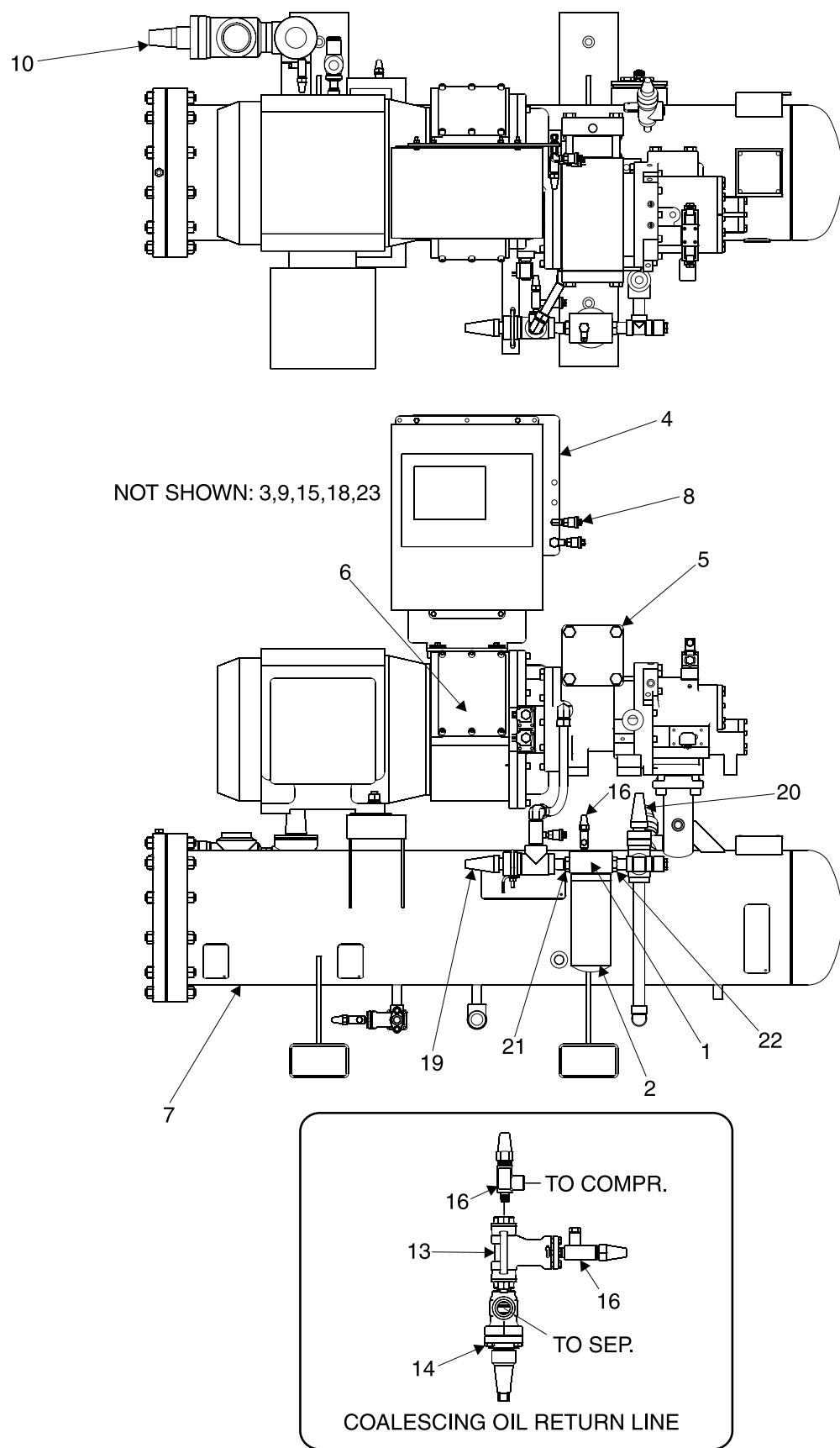


Figure 1. General Arrangement, Typical, RXF 24—50.

FIG. & INDEX	ITEM NUMBER	DESCRIPTION	QTY.	REV.	P & I REF.
1—	535D0316	RXF 12, R-22 & R-717, Screw Compressor Unit	Ref.		
	535D0315	RXF 15 & 19, R-22 & R-717, Screw Compressor Unit	Ref.		
	—	RXF 24, R-22 & R-717, Screw Compressor Unit	Ref.		
	—	RXF 30 & 39, R-22 & R-717, Screw Compressor Unit	Ref.		
	—	RXF 50, R-22 & R-717, Screw Compressor Unit	Ref.		
—1	535A0509H01	Head, Oil Filter, 1" SAE, Current	1		
—2	535A0354H02	Cartridge, Oil Filter, 4-5/8 x 11-5/8", SuperFilter™ II <sup>(1)</sup>	1		
—3	—	Plate Oil Cooler Piping (See Figure 7)	Ref.		
—4	—	Quantum™ LX Control <sup>(2)</sup>	Ref.		
—5	—	Screw Compressor (See Figure 3)	1		
—6	—	Drive Coupling (See Figure 16)	1		
—7	—	Oil Separator and Safety Relief Valve (See Figure 5)	Ref.		
—8	—	Transducer Assembly (See Figure 15)	Ref.		
—9	—	Oil Pump Piping (See Figure 9)	Ref.		
—10	—	Discharge Stop/Check Valve (See Figure 17)	Ref.		
—11	not used				
—12	not used				
—13	720B0030H51	Strainer, 1/2" FPT (Flange Gasket 950A0019H02) <sup>(3)</sup>	1		STR
	720B0030H21	Kit, Screen w/Gasket (Gasket only 720B0055H02) <sup>(3)</sup>	1		
—14	950A0319H01	Valve, Angle, SC, 3/4" SW x 1/2" MPT	1		
	950A0232H21	Kit, Complete Spare Parts	1		
—15	639A0151G01	Sensor, Temperature (See Figure 5)	1		TE
—16	950A0292H01	Valve, Angle, Seal Cap, 1/4" MPT x 1/4" FPT	3		
—17	956A0052H01	Valve, Check, 20 psig, 3/8" (optional)	1		
	956A0052H02	Valve, Check, 45 psig, 3/8" (optional)	1		
—18	950A0240H07	Valve, WIL, Angle, HW, 2-1/2" Danfoss, R-717 <sup>(4)</sup>	1		
	950A0241H07	Valve, WIL, Angle, SC, 2-1/2" Danfoss, R-22 <sup>(4)</sup>	1		
	950A0240H08	Valve, WIL, Angle, HW, 3" Danfoss, R-717 <sup>(4)</sup>	1		
	950A0241H08	Valve, WIL, Angle, SC, 3" Danfoss, R-22 <sup>(4)</sup>	1		
—19	950A0237H03	Valve, Angle, THD, SC, 1", Danfoss	1		
	950A0232H22	Spare Parts Kit, Complete, 1"	1		
—20	950A0233H03	Valve, Angle, SW, SC, 1", Danfoss	1		
	950A0232H22	Spare Parts Kit, Complete, 1"	1		
	950A0245H03	Valve, Globe, SW, SC, 1", Danfoss	1		
	950A0232H22	Spare Parts Kit, Complete, 1"	1		
—21	944A0308H08	Adapter, 1 5/16-12" SAE x 1-11 1/2" NPTM	1		
—22	535A0356H01	Bushing, Orifice (O-ring only 980A0012K69)	1		
—23	535A0009G01	Kit, Seal Drain (nipple, tubing, cylinder, & hardware)	1		

(1) Required for 1-2-3 Warranty.

(2) See Quantum™ LX Manual S90-020 Maintenance, Recommended Spare Parts.

(3) RXF Models 12-15.

(4) See Fig. 17 for service parts

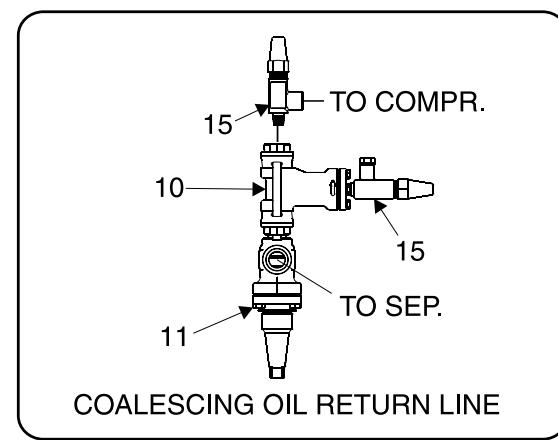
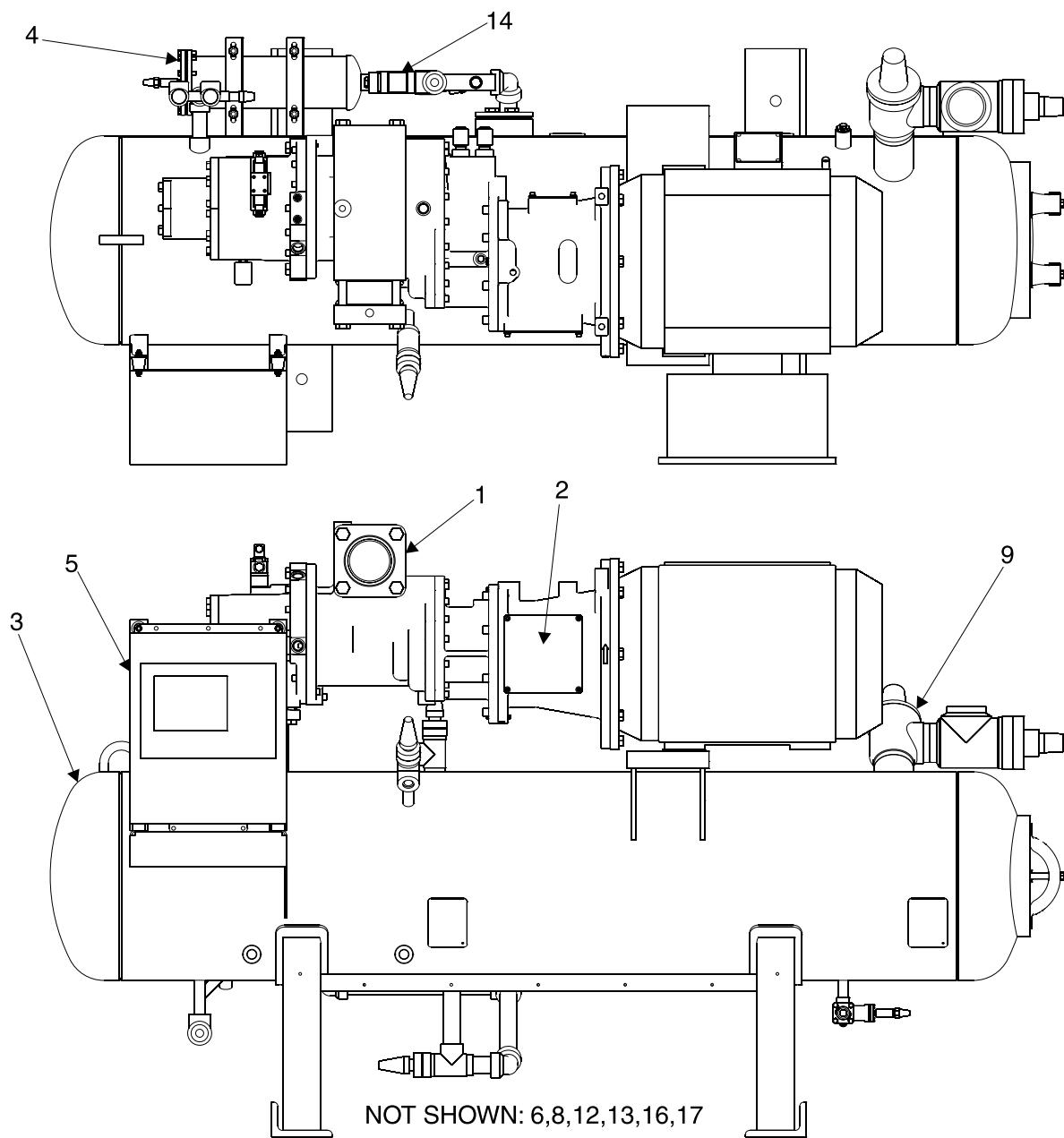


Figure 2. General Arrangement, Typical, RXF 58—101.

FIG. & INDEX	ITEM NUMBER	DESCRIPTION	QTY.	REV.	P & I REF.
2—	—	RXF 58 & 68, R-22 & R-717, Screw Compressor Unit RXF 85 & 101, R-22 & R-717, Screw Compressor Unit	Ref. Ref.		
—1	—	Screw Compressor (See Figure 4)	1		
—2	—	Coupling, Drive (See Figure 16)	1		
—3	—	Oil Separator and Safety Valve (See Figure 6)	1		
—4	—	Oil Filter (See Figure 12)	1		
—5	—	Quantum™ LX Control <sup>(1)</sup>	Ref.		
—6	—	Transducer Assembly (See Figure 15)	Ref.		
—7	—	Not Used			
—8	—	Oil Cooler Piping (See Figure 8)	Ref.		
—9	—	Discharge Stop/Check Valve <sup>(3)</sup>	1		
—10	720B0030H05 720B0030H21	Strainer, FA15 Kit, Basket w/Gasket (Gasket only 720B0055H02)	1 1		STR
—11	950A0319H01 950A0232H21	Valve, Angle, SC, 3/4" SW x 1/2" MPT Kit, Complete Spare Parts	1 1		
—12	950A0240H09 950A0241H09 950A0240H10 950A0241H10	Valve, WIL, Angle, Handwheel, 4", Danfoss, R-717 <sup>(3)</sup> Valve, WIL, Angle, Seal Cap, 4", Danfoss, R-22 <sup>(3)</sup> Valve, WIL, Angle, Handwheel, 5", Danfoss, R-717 <sup>(3)</sup> Valve, WIL, Angle, Seal Cap, 5", Danfoss, R-22 <sup>(3)</sup>	1 1 1 1		
—13	639A0151G01 639A0151H01	Assembly, Temperature Sensor <sup>(2)</sup> Sensor, Temperature, less Well <sup>(2)</sup>	4 4		TE TE
—14	950A0233H05 950A0232H22	Valve, Angle, Seal Cap, 1-1/2", Danfoss Spare Parts Kit, Complete, 1-1/2"	2 1		
—15	950A0292H01	Valve, Angle, Seal Cap, 1/4" MPT x 1/4" FPT	2		
—16	956A0052H01 956A0052H02	Valve, Check, 20 psig, 3/8" Valve, Check, 45 psig, 3/8"	1 1		
—17	535A0009G01	Kit, Seal Drain (nipple, tubing, cylinder, & hardware)	1		

(1) See Quantum™ LX Manual S90-020 Maintenance, Recommended Spare Parts.

(2) See Figure 6.

(3) Discharge Stop/Check Valve not shown, shipped loose. See Fig. 17 for service parts.

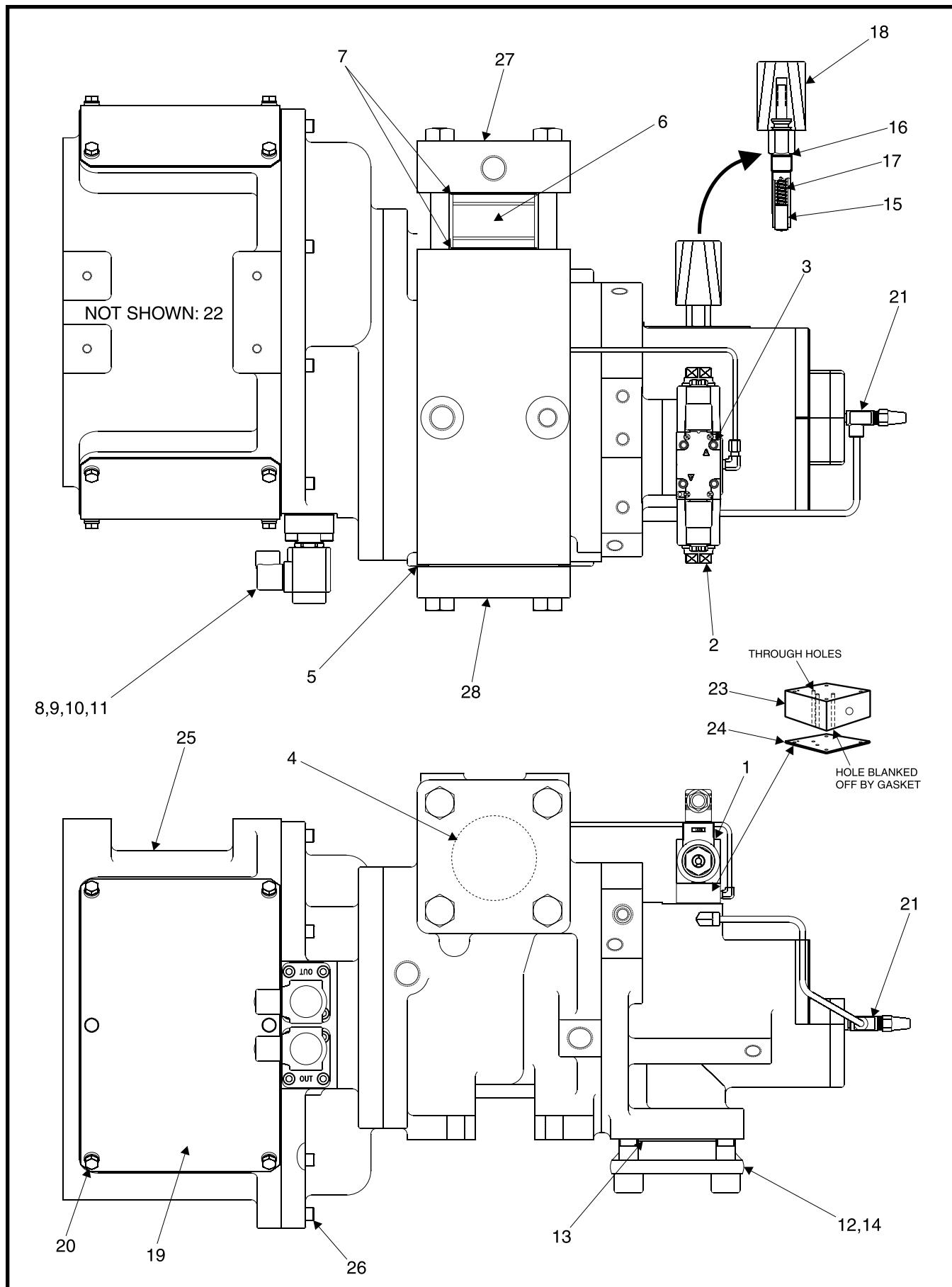


Figure 3. Compressor, XJF 120, RXF 24—50.

FIG. & INDEX	ITEM NUMBER	DESCRIPTION	QTY.	REV.	P & I REF.
3—	534E0452	Compressor, XJF95S, M, L, RXF 12—19			
	534E0305	Compressor, XJF120S, M, L, RXF 24—50			
—1	951A0114H01	Valve, Solenoid, 110/50, 120/60, Yuken	1		
	951A0114H02	Valve, Solenoid, 220/50, 240/60, 240/50, Yuken	1		
	951A0113H20	Seal Kit, Solenoid Valve, Yuken	1		
—2	951A0114H05	Coil, 120-60, 110-50	2		
	951A0114H06	Coil, 240-60, 220-50, 240-50	2		
—3	901A0234H20	Capscrew, Socket Head, M5 x 80mm	4		
—4	534C0428G01	Strainer, Suction, RXF 12—19	1		
	534C0408G01	Strainer, Suction, RXF 24—50	1		
—5	959A0054H08	Gasket, Flange, RXF 12—19	1		
	959A0054H10	Gasket, Flange, RXF 24—50	1		
—6	956A0051H01	Valve, Check, 2 1/2, ANSI Class 125, RXF 12	1		
	956A0051H02	Valve, Check, 3, ANSI Class 125, RXF 15—24	1		
	956A0051H03	Valve, Check, 4, ANSI Class 125, RXF 30—50	1		
—7	959A0054H07	Gasket, Flange, RXF 12—15	2		
	959A0054H08	Gasket, Flange, RXF 19—24	2		
	959A0054H10	Gasket, Flange, RXF 30—50	2		
—8	951A0115G01	Solenoid Valve, Danfoss, 110-120VAC w/DIN Connector	2		
	951A0115G02	Solenoid Valve, Danfoss, 208-240VAC w/DIN Connector	2		
	951A0115H10	Solenoid Valve, Danfoss, less coil	2		
	950A0293H02	Coil, Solenoid Valve, 110-120VAC	2		
	950A0293H01	Coil, Solenoid Valve, 208-240VAC	2		
—9	649A0890H02	DIN Connector (Gasket 649A0890H11)	2		
—10	534C1972H01	Gasket, Danfoss Solenoid Valve	2		
—11	901A0085H19	Capscrew, Socket Head, M8 x 30mm	8		
—12	944A0358H04	Flange, Socket Weld, RXF 12—19	1		
	944A0358H05	Flange, Socket Weld, RXF 24—50	1		
—13	959A0057H06	Gasket, Flange, RXF 12—19	1		
	959A0057H18	Gasket, Flange, RXF 24—50	1		
—14	111Q0740772	Capscrew, Socket Head, (M20 x 2.5) x 75mm, RXF 12—19	4		
	111Q0740741	Capscrew, Socket Head, (M20 x 2.5) x 60mm, RXF 24—50	4		
—15	534B0986H01	Rod, Indicator, RXF 12—19	1		
	534B0987H01	Rod, Indicator, RXF 24—50	1		
—16	980A0012K62	O-ring	1		
—17	534A0883H01	Spring, Compression	1		
—18	534C1552H01	Linear Transmitter, Short Stroke (Slide Valve Indicator)	1		
—19	534C1011H01	Cover, Access, RXF 12—19	2		
	534C0660H01	Cover, Access, RXF 24—50	2		
	534C0709H01	Gasket, Cover Plate, RXF 24—50	2		
—20	901A0085H04	Capscrew, Socket Head, (M8x1.25) x 20mm, RXF 12—19	12		
	333Q0000738	Washer, Flat, RXF 12—19	12		
	534A0506H01	Grommet, RXF 12—19	12		
	111Q0740740	Capscrew, Socket Head, (M12x1.75) x 30mm, RXF 24—50	12		
—21	950A0292H01	Valve, Angle, Needle, Seal Cap, 1/4" MPT x 1/4" FPT	1		
—22	111Q0043229	Kit, Shaft Seal, XJF 95 (Contains Shaft Seal Tool)	1		
	534A0980G01	Kit, Shaft Seal, XJF 120 (Contains Shaft Seal Tool) <sup>(1)</sup>	1		
—23	534B1088H01	Subplate, Yuken Valve	1		
—24	534B1092H01	Gasket, Subplate	1		
—25	534E0437C01	Support, Motor, 95 (tunnel), RXF 12—19	1		
	534E0273C01	Support, Motor, 120 (tunnel), RXF 24—50	1		
—26	901A0089H01	Capscrew, Socket Head, (M12x1.75) x 45mm, RXF 12—50	6		
—27	534C1868H01	Flange, Suction, 2-1/2", RXF 12—15 (XJF 95S & 95M)	1		
	534C1872H01	Flange, Suction, 3", RXF 19 (XJF 95L)	1		
	534C1870H01	Flange, Suction, 3", RXF 24 (XJF 120S)	1		
	534C1874H01	Flange, Suction, 4", RXF 30—50 (XJF 120M & 120L)	1		
—28	534D0349C01	Flange, Blank	1		NV

(1) For 120 compressors made prior to Feb. 1, 2007, use retrofit shaft seal kit 534A0980G02.

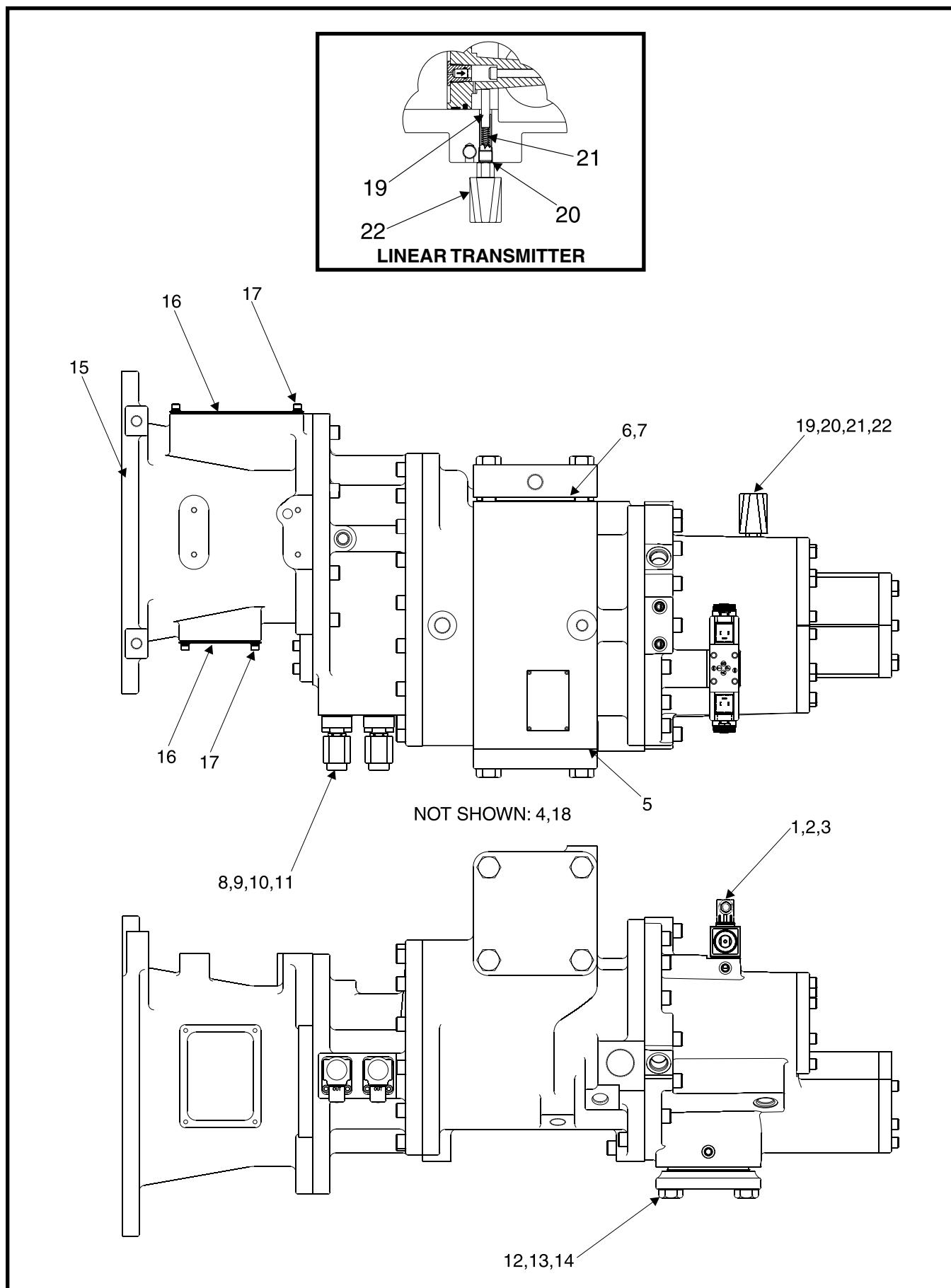


Figure 4. Compressor, Typical, XJF 151, RXF 58—101.

FIG. & INDEX	ITEM NUMBER	DESCRIPTION	QTY.	REV.	P & I REF.
4—	534E0533G01	Compressor, New, XJF 151A, RXF 58	Ref.		
	534E0533S01	Compressor, Remanufactured, XJF 151A, RXF 58	Ref.		
	534E0533G02	Compressor, New, XJF 151M, RXF 68	Ref.		
	534E0533S02	Compressor, Remanufactured, XJF 151M, RXF 68	Ref.		
	534E0533G03	Compressor, New, XJF 151L, RXF 85	Ref.		
	534E0533S03	Compressor, Remanufactured, XJF 151L, RXF 85	Ref.		
	534E0533G04	Compressor, New, XJF 151N, RXF 101	Ref.		
	534E0533S04	Compressor, Remanufactured, XJF 151N, RXF 101	Ref.		
—1	951A0092H01	Valve, Solenoid, 120-60, 110-50, Vickers <sup>(1)</sup>	1		
	951A0092H02	Valve, Solenoid, 240-60, 220-50, Vickers <sup>(1)</sup>	1		
	951A0092H03	Valve, Solenoid, 240-50, Vickers <sup>(1)</sup>	1		
	951A0056H34	Seal Kit, Solenoid Valve, Vickers <sup>(1)</sup>	1		
—2	951A0092H04	Coil w/DIN connector, 120-60, 110-50 <sup>(1)</sup>	2		
	951A0092H05	Coil w/DIN connector, 240-60, 220-50 <sup>(1)</sup>	2		
	951A0092H06	Coil w/DIN connector, 240-50 <sup>(1)</sup>	2		
—3	111Q0740878	Capscrew, Socket Head, M5 x 30mm <sup>(1)</sup>	4		
—4	534B0527H01	Strainer, Suction	1		
—5	980A0012B91	O-ring, Suction Flange	1		
—6	956A0015H03	Valve, Check <sup>(1)</sup>	1		
—7	959A0054H11	Gasket, Check Valve and Suction Flange	2		
—8	951A0115G01	Solenoid Valve, Danfoss, 110-120VAC w/DIN Connector	2		
	951A0115G02	Solenoid Valve, Danfoss, 208-240VAC w/DIN Connector	2		
	951A0115H10	Solenoid Valve, Danfoss, less coil	2		
	950A0293H02	Coil, Solenoid Valve, 110-120VAC	2		
	950A0293H01	Coil, Solenoid Valve, 208-240VAC	2		
—9	649A0890H02	DIN Connector (Gasket 649A0890H11)	2		
—10	534C1972H01	Gasket, Danfoss Solenoid Valve	2		
—11	901A0085H19	Capscrew, Socket Head, M8 x 30mm	8		
—12	959A0057H09	Gasket	1		
—13	944A0358H06	Flange, Socket Weld, 4 "	1		
—14	111Q0740781	Capscrew, Hex Head, M22 x 60mm	4		
—15	534E0521C01	Support, Motor, Cast Iron, XJF 151	Ref.		
—16	534A0566H01	Plate, Cover, Small	1		
	534A0567H01	Plate, Cover, Large	1		
—17	901A0085H04	Capscrew, Socket Head, M8 x 20mm	8		
	534A0506H01	Grommet	8		
	333Q0000738	Washer, Flat, M8	8		
—18	534M0602G02	Kit, Shaft Seal	1		
—19	534B1023H01	Rod, Indicator	1		
—20	980A0012K62	O-ring	1		
—21	534A0032H02	Spring, Compression	1		
—22	534C1552H01	Transmitter, Linear, Short Stroke	1		

(1) Replacement solenoid valves include coils. Index numbers 1, 2, 3, and 6 are not supplied with replacement compressors.

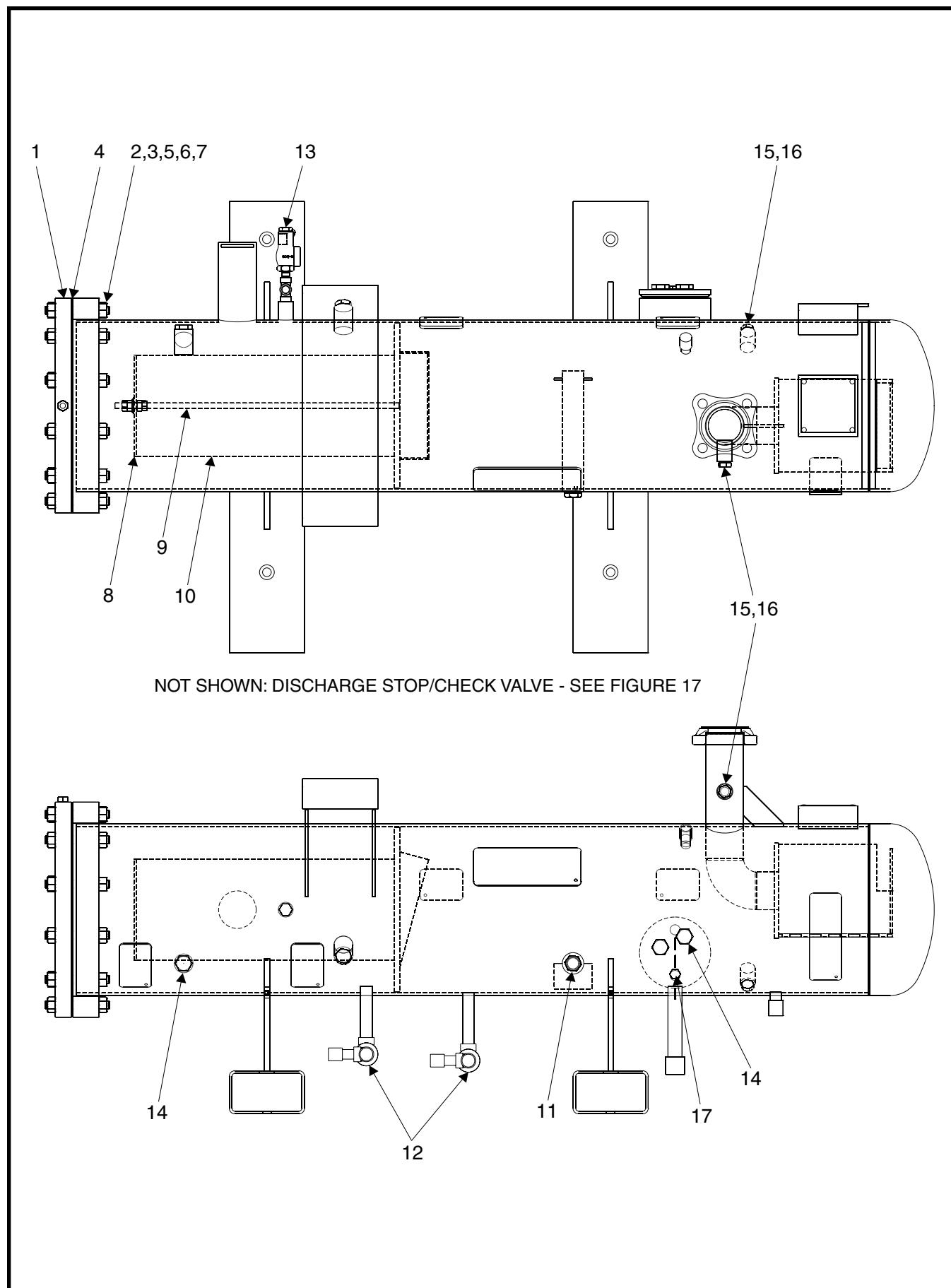


FIG. & INDEX	ITEM NUMBER	DESCRIPTION	QTY.	REV.	P & I REF.
5—	548E0330G01 548E0398G01	Oil Separator, 14 x 75-3/16", RXF 12—19 Oil Separator, 16 x 75-7/16", RXF 24—50	Ref. Ref.		
—1	548C0509H02 548C0509H05	Cover, 17-7/8" O.D., RXF 12—19 Cover, 19-7/8" O.D., RXF 24—50	1 1		
—2	901A0098H13 901A0099H09	Stud, 17-7/8" O.D. Cover, 5/8-11 x 4-1/2", RXF 12—19 Stud, 19-7/8" O.D. Cover, 5/8-11 x 5", RXF 24—50	12 16		
—3	902A0021H02	Nut, Hi-Tensile, 5/8-11 UNC	24-32		
—4	959A0090H02 959A0090H05	Gasket, 17-7/8" O.D. Cover, RXF 12—19 Gasket, 19-7/8" O.D. Cover, RXF 24—50	1 1		
—5	902A0021H01	Nut, High Tensile, 1/2-13 UNC	2		
—6	905A0012H05	Washer, 1/2"	1		
—7	540D0217H06	Seal	1		
—8	548C0150G02 540D0217G02	Plate, End, RXF 12—19 Plate, End, RXF 24—50	1 1		
—9	548C0147G02 548A0068G01	Stud, Filter, RXF 12—19 Stud, Filter, RXF 24—50	1 1		
—10	531B0099H03 531B0099H02	Filter, Demistifier™, Coalescing, RXF 12—19 Filter, Demistifier™, Coalescing, RXF 24—50	1 1		
—11	913A0047H01 913A0047H02 913A0047H03 913A0047H04	Heater, Oil, 500W, 120VAC Heater, Oil, 1000W, 120VAC Heater, Oil, 500W, 240VAC Heater, Oil, 1000W, 240VAC	1 1 1 1	HTR HTR HTR HTR	
—12	950A0233H01 950A0232H21 950A0233H02 950A0232H21 950A0233H03 950A0232H22	Valve, Angle, SW, SC, 1/2" (Danfoss) Spare Parts Kit, Complete, 1/2" Valve, Angle, SW, SC, 3/4" (Danfoss) Spare Parts Kit, Complete, 3/4" Valve, Angle, SW, SC, 1" (Danfoss) Spare Parts Kit, Complete, 1"	1 1 2 1 1 1		
—13	952A0051H10 952A0052H10 955B0005H01 955B0005H02	Valve, Safety, 1/2" Valve, Safety, 3/4" Valve, Shutoff, 1/2" Valve, Shutoff, 3/4"	1 1 1 1	PSV PSV	
—14	947A0003H04	Sight Glass, 1"	3		
—15	639A0151G01 639A0151H01	Sensor, Temperature, w/Well Sensor, Temperature	3-4 3-4	TE	
—16	913A0098H01	Well, Temperature Sensor	3-4		
—17	913A0123H01 913A0123H11	Liquid Level Float Switch Assembly Assembly, Oil Level Sensor Sensor, Oil Level, less well	Ref. 1 1		

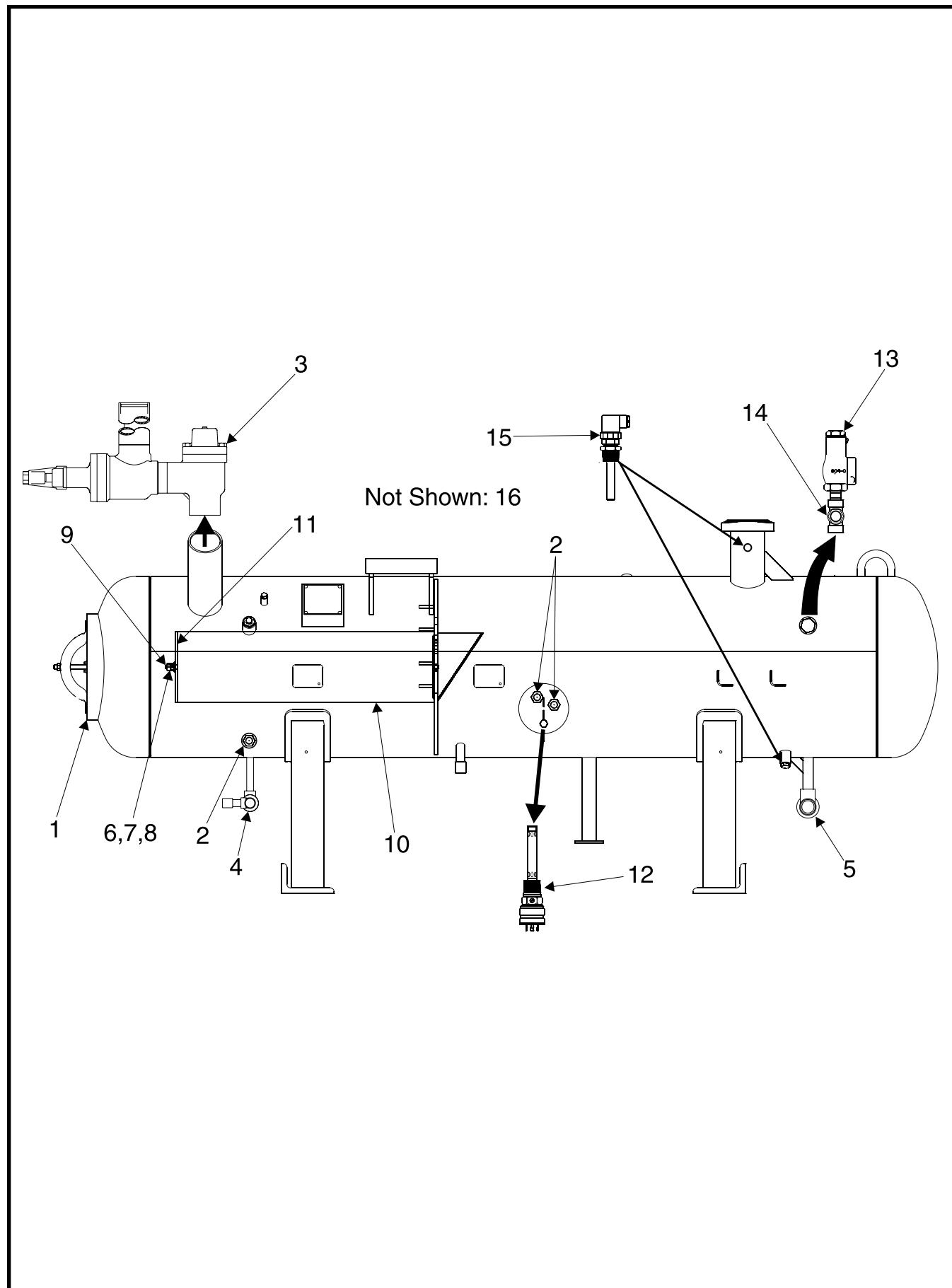


Figure 6. Oil Separator, Typical, RXF 58—101.

FIG. & INDEX	ITEM NUMBER	DESCRIPTION	QTY.	REV.	P & I REF.
6—	548E0399G01 548E0400G01	Oil Separator, RXF 58 & 68 Oil Separator, RXF 85 & 101	Ref. Ref.		
—1	531A0105H03 531A0105H04	Gasket, Manway, RXF 58 & 68 Gasket, Manway, RXF 85 & 101	1 1		
—2	947A0003H04	Sight Glass, 1 "	3		
—3	—	Valve, Discharge, Stop/Check (See Fig. 17)	1		
—4	950A0319H01 950A0232H21	Valve, Angle, 3/4" SW x 1/2" MPT, SC, Danfoss Spare Parts Kit, Complete	1 1		
—5	950A0233H03 950A0232H22	Valve, Angle, SW, SC, 1", Danfoss Spare Parts Kit, Complete, 1"	2 1		
—6	905A0012H05 905A0012H05	Washer, 1/2", RXF 58 & 68 Washer, 1/2", RXF 85 & 101	1 2		
—7	540D0217H06 540D0217H06	Seal Washer, RXF 58 & 68 Seal Washer, RXF 85 & 101	1 2		
—8	902A0021H01 902A0021H01	Nut, Hi-Tensile, 1/2", RXF 58 & 68 Nut, Hi-Tensile, 1/2", RXF 85 & 101	2 4		
—9	540D0217G03 540D0217G03	Rod, Threaded, 1/2-13NC x 42-3/4", RXF 58 & 68 Rod, Threaded, 1/2-13NC x 42-3/4", RXF 85 & 101	1 2		
—10	531B0099H01 531B0099H01	Filter, Demistifier™, Coalescing, RXF 58 & 68 Filter, Demistifier™, Coalescing, RXF 85 & 101	1 2		
—11	540D0217G02 540D0217G02	Plate, End Assembly, RXF 58 & 68 Plate, End Assembly, RXF 85 & 101	1 2		
—12	913A0123H01 913A0123H11	Assembly, Oil Level Sensor (Flow Switch) Sensor, Oil Level (Flow Switch) less well	1 1		
	580C0440G10 580C0424G10 580C0425G10 580C0426G10	Assembly, Dual Safety Valve, 1/2", 300 PSIG (S812) Assembly, Dual Safety Valve, 1/2", 300 PSIG (S813) Assembly, Dual Safety Valve, 3/4", 300 PSIG Assembly, Dual Safety Valve, 1", 300 PSIG	Ref. Ref. Ref. Ref.	PSV PSV PSV PSV	
—13	952A0062H10 952A0051H10 952A0052H10 952A0053H10	Valve, Safety Relief, 1/2" (S812) Valve, Safety Relief, 1/2" (S813) Valve, Safety Relief, 3/4" Valve, Safety Relief, 1 "	2 2 2 2		
—14	955B0005H01 955B0005H02 955B0005H03	Valve, Shutoff, 1/2" Valve, Shutoff, 3/4" Valve, Shutoff, 1 "	1 1 1		
—15	639A0151H01 649A0890H01 649A0890H11 913A0100H01 913A0098H01	Sensor, Temperature, less DIN Connector Connector, DIN (with M3 connection for shielded cable) Gasket, DIN Thermal Compound, Temperature Sensor Well, Temperature Sensor	2 2 2 A/R 1		
—16	913A0047H01 913A0047H02 913A0047H03 913A0047H04	Heater, Oil, 500W, 120VAC Heater, Oil, 1000W, 120VAC Heater, Oil, 500W, 240VAC Heater, Oil, 1000W, 240VAC	1 1 1 1	HTR HTR HTR HTR	

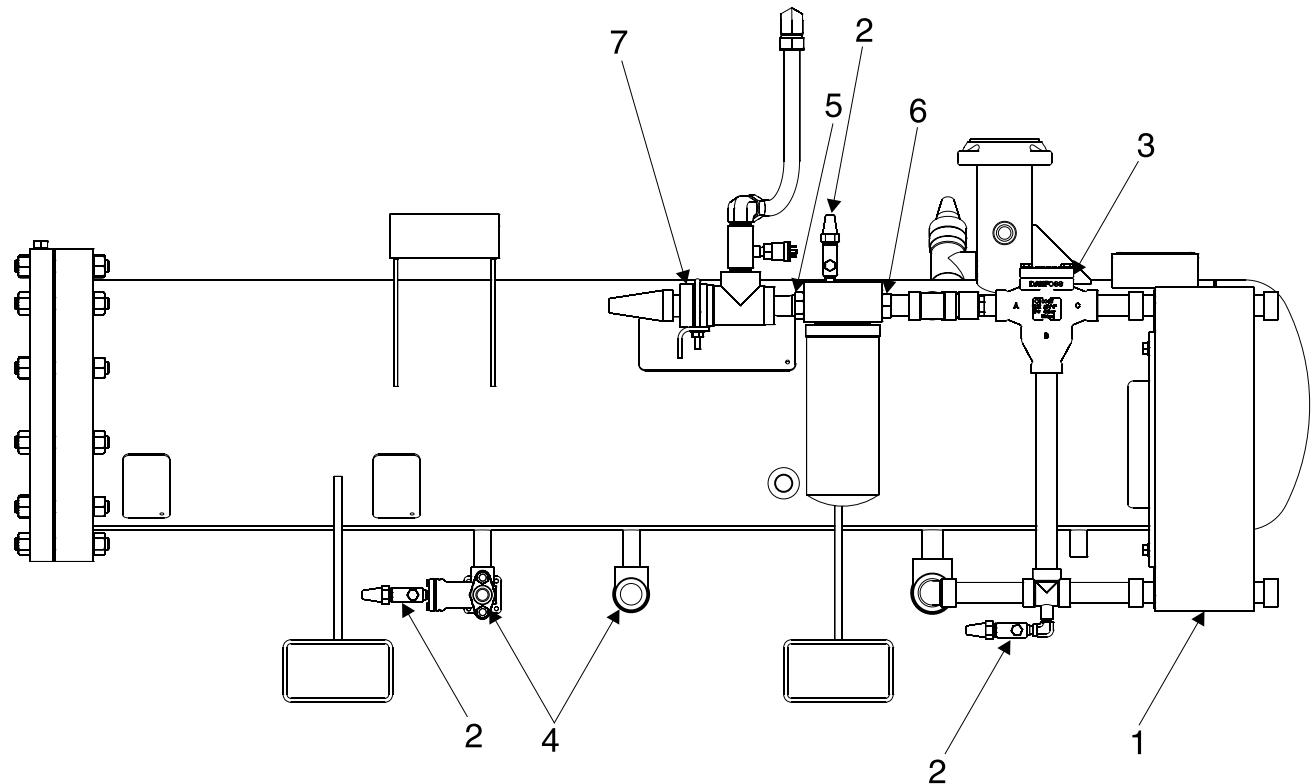


Figure 7. Plate Oil Cooler Piping, Typical, RXF 12—50.

FIG. & INDEX	ITEM NUMBER	DESCRIPTION	QTY.	REV.	P & I REF.
7—	720M0409G02	Thermosyphon Oil Cooler Piping, Plate Cooler w/Amot	Ref.		
—1	990A0087H01	Oil Cooler, Flat Plate, 5 x 20-20, 300 PSIG	1		
	990A0087H02	Oil Cooler, Flat Plate, 5 x 20-30, 300 PSIG	1		
	990A0087H03	Oil Cooler, Flat Plate, 5 x 20-40, 300 PSIG	1		
	990A0087H04	Oil Cooler, Flat Plate, 5 x 20-50, 300 PSIG	1		
	990A0087H05	Oil Cooler, Flat Plate, 5 x 20-60, 300 PSIG	1		
	990A0087H06	Oil Cooler, Flat Plate, 5 x 20-70, 300 PSIG	1		
	990A0087H07	Oil Cooler, Flat Plate, 5 x 20-80, 300 PSIG	1		
	990A0087H08	Oil Cooler, Flat Plate, 5 x 20-100, 300 PSIG	1		
—2	950A0292H01	Valve, Angle, S.C., 1/4" MPT x 1/4" FPT	3		
—3	950A0296H01	Valve, Temperature Regulating, 1" SW, Amot	1		
	950A0296H11	Kit, Service	1		
	950A0029H21	Element, Thermostatic, 120°	1		
	950A0029G31	Kit, Seal	1		
—4	950A0233H02	Valve (drain), Angle, 3/4" SW, SC, Danfoss	2		
	950A0232H21	Spare Parts Kit, Complete, 3/4"	1		
—5	944A0308H08	Adapter, 1" FPT x 1" SAE (O-ring 980A0012K69)	1		
—6	535A0356H01	Bushing, Orifice (O-ring 980A0012K69)	1		
—7	950A0237H03	Valve, Angle, THD, SC, 1", Danfoss	1		
	950A0232H22	Spare Parts Kit, Complete, 1"	1		

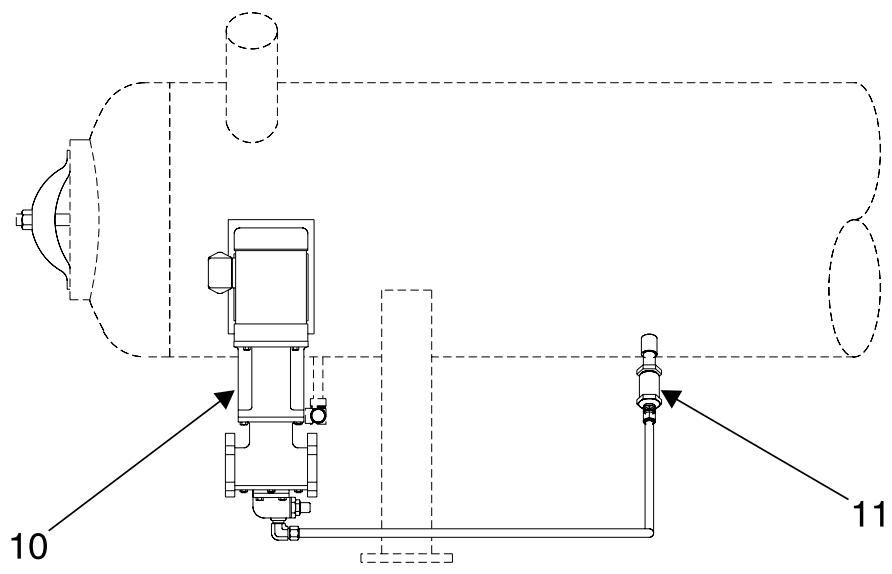
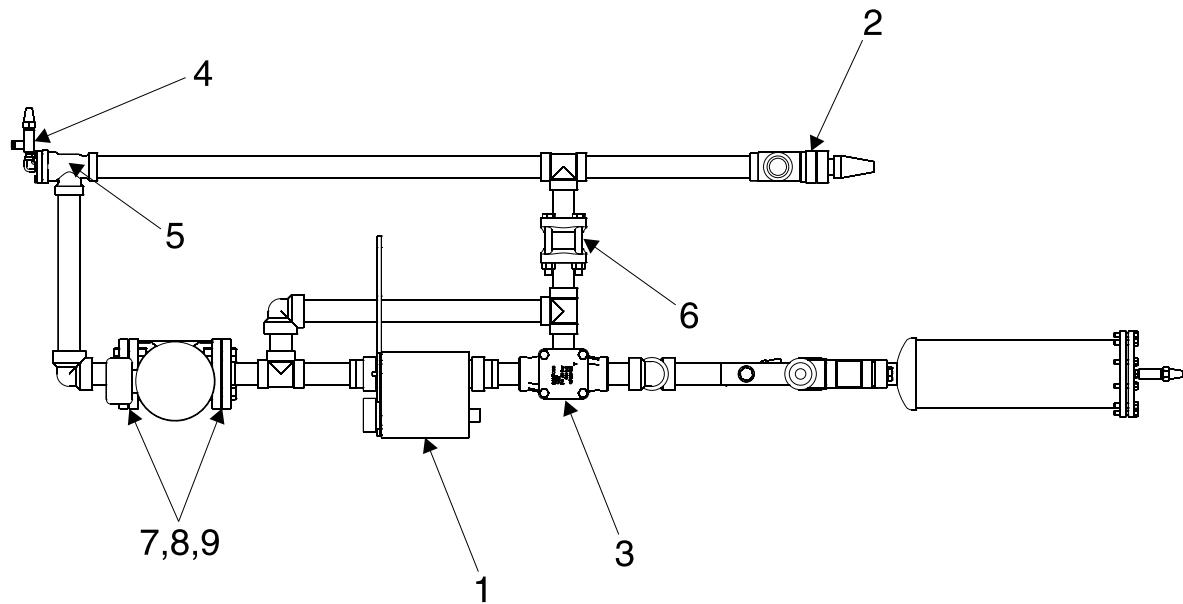


Figure 8. Plate Oil Cooler Piping, Typical, RXF 58—101.

FIG. & INDEX	ITEM NUMBER	DESCRIPTION	QTY.	REV.	P & I REF.
8—	—	Piping, Plate WCOC, 58—101	Ref.	—	
—1	990A0090H01	Heat Exchanger, ANHP52-20H	1		
	990A0090H02	Heat Exchanger, ANHP52-30H	1		
	990A0090H03	Heat Exchanger, ANHP52-40H	1		
	990A0090H04	Heat Exchanger, ANHP52-50H	1		
	990A0090H05	Heat Exchanger, ANHP52-60H	1		
	990A0090H06	Heat Exchanger, ANHP52-70H	1		
	990A0090H07	Heat Exchanger, ANHP52-80H	1		
	990A0090H08	Heat Exchanger, ANHP52-100H	1		
	990A0088H01	Heat Exchanger, ANHP76-64H	1		
	990A0088H02	Heat Exchanger, ANHP76-100H	1		
	990A0088H03	Heat Exchanger, ANHP76-120H	1		
	990A0088H04	Heat Exchanger, ANHP76-150H	1		
—2	950A0233H05	Valve, Angle, 1-1/2" SW, SC, Danfoss	1		
	950A0232H22	Spare Parts Kit, Complete, 1-1/2"	1		
—3	950A0294H01	Valve, Temperature Control, 1-1/2" SW	1		
	950A0294H11	Thermostat and Gasket Kit	1		
—4	950A0292H01	Valve, Angle, S.C., 1/4 MPT x 1/4" FPT	1		
—5	950A0320H05	Strainer, Angled, 1-1/2" SW	1		
	950A0320H15	Gasket & Screen	1		
—6	956A0012G03	Valve, Check, 1-1/2"	1		
—7	944A0108H05	Flange, 1-1/2" 300PSI	2		
—8	959A0054H25	Gasket, 1-1/2" 300PSI	2		
—9	901A0172H03	Flange Bolt Kit, 1-1/2"	2		
—10	960A0082G01	Pump, 1HP, 208/230/460-3-60, 190/180-3-50	1		
	960A0082G02	Pump, 1HP, 575-3-60	1		
	960A0082G03	Pump, 1HP, 415-3-50	1		
	960A0082H01	Pump only	1		
	960A0076H41	Shaft Seal Kit, Pump	1		
	914A0015H01	Motor only, 208/230/460-3-60, 190/380-3-50	1		
	914A0015H06	Motor only, 575-3-60	1		
	914A0015H05	Motor only, 415-3-50	1		
	960A0066H11	Coupling Assembly only	1		
—11	956A0014H01	Valve, Check, 3/4" NPT	1		

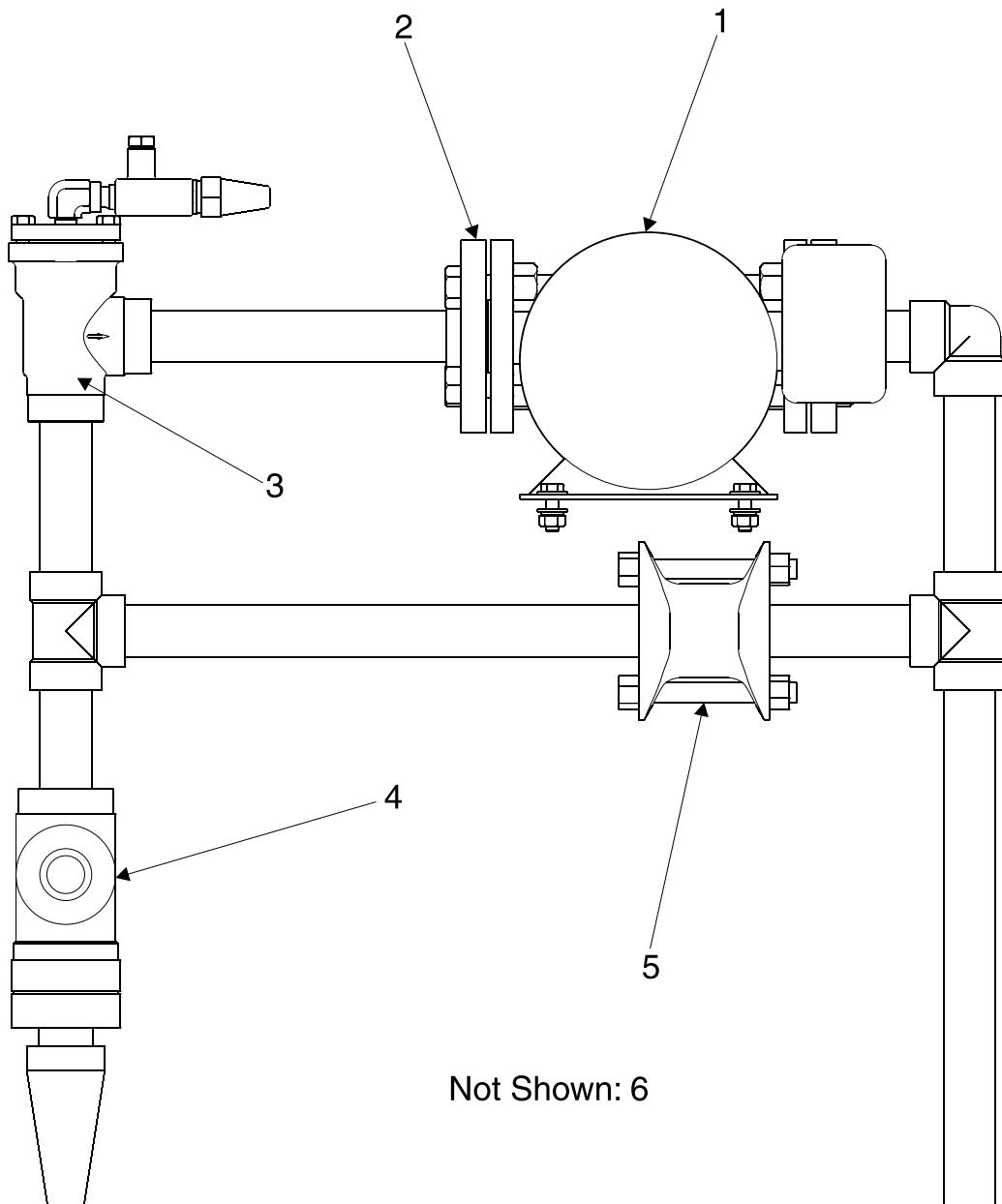


Figure 9. Oil Pump and Piping, Typical, RXF 24—50.

FIG. & INDEX	ITEM NUMBER	DESCRIPTION	QTY.	REV.	P & I REF.
9—	720M0410G01	19/23 GPM Cycling Full Lube Pump, RXF 24—50	Ref.		
—1	960A0090G01	Assembly, Pump & Motor, 220/460VAC, 60 Hz, 9/11 GPM <sup>(1)</sup>	1		
	914A0015H01	Motor, 220/460VAC, 60 Hz <sup>(1)</sup>	1		
	960A0090H01	Pump, 9/11 GPM	1		
	960A0075H41	Seal, Shaft	1		
	960A0068H11	Coupling	1		
	960A0090G02	Assembly, Pump & Motor, 220/460VAC, 60 Hz, 9 GPM <sup>(2)</sup>	1		
	914A0015H05	Motor, 220/460VAC, 60 Hz <sup>(2)</sup>	1		
	960A0090H01	Pump, 9 GPM	1		
	960A0075H41	Seal, Shaft	1		
	960A0068H11	Coupling	1		
	960A0090G03	Assembly, Pump & Motor, 190/380VAC, 50 Hz, 11 GPM	1		
	914A0015H06	Motor, 190/380VAC, 50 Hz, 575 VAC, 60 Hz	1		
	960A0090H01	Pump, 11 GPM	1		
	960A0075H41	Seal, Shaft	1		
	960A0068H11	Coupling	1		
—2	959A0054H23	Gasket, Flange	2		
—3	950A0320H03	Strainer, Angle, 1 "	1		
	950A0320H13	Gasket, & Screen	1		
—4	950A0233H03	Valve, Angle, SC, 1 " SW, RXF 24—50 (Danfoss)	1		
	950A0232H22	Spare Parts Kit, Complete, 1 "	1		
—5	956A0012G07	Valve, Check, 1 ", 11/23 GPM (Optional)	1		
—6	956A0014H01	Valve, Check, 3/4 " (return to tank relief)	1		
(1) or 190/380VAC, 50 Hz, 5 GPM.					
(2) or 415VAC, 50 Hz.					

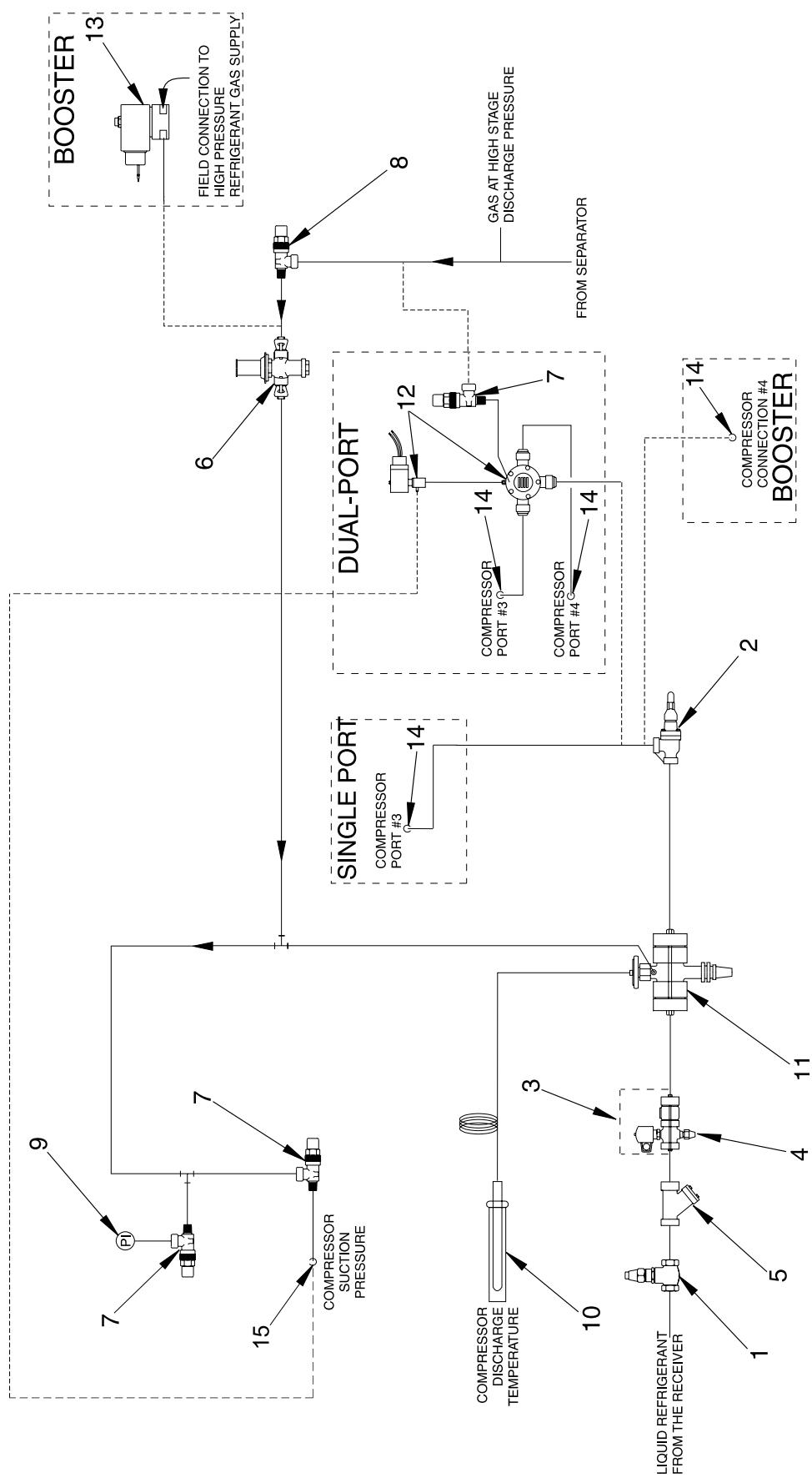


Figure 10. Liquid Injection Piping, Typical.

FIG. & INDEX	ITEM NUMBER	DESCRIPTION	QTY.	REV.	P & I REF.
10—	720D0198	Liquid Injection Assembly, Single-Port	Ref.	B	
	720D0199	Liquid Injection Assembly, Dual-Port	Ref.	C	
	720D0200	Liquid Injection Assembly, Booster	Ref.	B	
—1	950A0249H01	Valve, Globe, Seal Cap, 1/2" NPT, Danfoss	1		
	950A0232H21	Spare Parts Kit, Complete, 1/2"	1		
	950A0249H02	Valve, Globe, Seal Cap, 3/4 " NPT, Danfoss	1		
	950A0232H21	Spare Parts Kit, Complete, 3/4 "	1		
	950A0245H01	Valve, Globe, Seal Cap, 1/2 " SW, Danfoss	1		
	950A0232H21	Spare Parts Kit, Complete, 1/2 "	1		
	950A0245H02	Valve, Globe, Seal Cap, 3/4 " SW, Danfoss	1		
	950A0232H21	Spare Parts Kit, Complete, 3/4 "	1		
	950A0245H03	Valve, Globe, Seal Cap, 1 ", SW, Danfoss	1		
	950A0232H22	Spare Parts Kit, Complete, 1 "	1		
—2	950A0237H01	Valve, Angle, Seal Cap, 1/2" NPT, Danfoss	1		
	950A0232H21	Spare Parts Kit, Complete, 1/2 "	1		
	950A0237H02	Valve, Angle, Seal Cap, 3/4 " NPT, Danfoss	1		
	950A0232H21	Spare Parts Kit, Complete, 3/4 "	1		
	950A0233H01	Valve, Angle, Seal Cap, 1/2 " SW, Danfoss	1		
	950A0232H21	Spare Parts Kit, Complete, 1/2 "	1		
	950A0233H02	Valve, Angle, Seal Cap, 3/4 " SW, Danfoss	1		
	950A0232H21	Spare Parts Kit, Complete, 3/4 "	1		
—3	720M0151G01	Kit, Liquid Injection, 1/2 ", w/DAE 2—15, R-717	Ref.		
	720M0151G02	Kit, Liquid Injection, 1/2 ", w/DAE 20—50, R-717	Ref.		
	720M0151G03	Kit, Solenoid Valve, 3/4 ",w/AAE 75—100, R-717	Ref.		
	720M0151G04	Kit, Solenoid Valve, w/HVE 2—16, R-22	Ref.		
	720M0151G05	Kit, Solenoid Valve, w/MVE 12—34, R-22	Ref.		
—4	950A0190H13	Valve, Solenoid, 3/4 " FPT, w/AAE, DAE 10 & 15, HVE	1		SV
	950A0190H01	Coil, Solenoid, 120V/60Hz (early)	1		
	950A0190H02	Coil, Solenoid, 240V/60Hz (early)	1		
	950A0215G01	Coil, 120VAC (RFX 58-101 w/DIN connector)	1		
	950A0215G02	Coil, 240VAC (RFX 58-101 w/DIN connector)	1		
	959A0089H02	Gasket, Flange, 3/4 "	3		
	947A0010H02	Sightglass, 3/4 "	1		
	950A0190H11	Valve, Solenoid, 1/2 ", w/DAE 2—15, R-717	1		SV
	950A0190H01	Coil, Solenoid, 120V/60Hz (early)	1		
	950A0190H02	Coil, Solenoid, 240V/60Hz (early)	1		
	950A0215G01	Coil, 120VAC (RFX 58-101 w/DIN connector)	1		
	950A0215G02	Coil, 240VAC (RFX 58-101 w/DIN connector)	1		
	959A0089H03	Gasket, Flange, 1/2 "	3		
	947A0010H01	Sightglass, 1/2 "	1		
	950A0190H15	Valve, Solenoid, 1 " FPT, w/MVE 12—34, R-22	1		
	950A0190H01	Coil, Solenoid, 120V/60Hz (early)	1		
	950A0190H02	Coil, Solenoid, 240V/60Hz (early)	1		
	950A0215G01	Coil, 120VAC (RFX 58-101 w/DIN connector)	1		
	950A0215G02	Coil, 240VAC (RFX 58-101 w/DIN connector)	1		
	959A0089H02	Gasket, Flange, 1 "	3		
	947A0010H02	Sightglass, 1 "	1		

FIG. & INDEX	ITEM NUMBER	DESCRIPTION	QTY.	REV.	P & I REF.
10—	—	Liquid Injection Assembly, Cont'd	Ref.		
—5	950A0019H01	Strainer, 100 Mesh, 1/2" FPT	1		
	950A0019H04	Kit, Screen and Gasket	1		
	950A0054H01	Strainer, 80 Mesh, 1/2" FPT	1		
	950A0054H04	Kit, Screen and Gasket	1		
	950A0012H01	Strainer, 80 Mesh, 3/4" FPT	1		
	950A0069H03	Strainer, 60 Mesh, 1/2" FPT	1		
	950A0069H21	Gasket, Screen	2		
	950A0069H33	Screen, 60 Mesh	1		
	950A0069H04	Strainer, 60 Mesh, 3/4" FPT	1		
	950A0069H22	Gasket, Screen	2		
	950A0069H34	Screen, 60 Mesh	1		
	950A0069H05	Strainer, 60 Mesh, 1" FPT	1		
	950A0069H23	Gasket, Screen	2		
	950A0069H35	Screen, 60 Mesh	1		
—6	954A0008H01	Regulator, Pressure, 3/8" FPT	1		
	954A0008H02	Element, Replacement	1		
—7	950A0292H01	Valve, Angle, Seal Cap, 1/4" MPT x 1/4" FPT	1-2		
—8	950A0292H02	Valve, Angle, Seal Cap, 3/8" MPT x 3/8" FPT	1-2		
—9	990A0011H02	Gauge, Pressure	1		PI
—10	531A0139H01	Well	1		
—11	954A0070H01	Assembly, Valve, Motor, Danfoss, ICM 20A, 3/4" SW	1		
	954A0070H11	ICM 20A Valve only	1		
	954A0070H14	ICM 20A Top Cover/Function Module	1		
	954A0070H17	Disassembly Kit	1		
	954A0070H18	Tool	1		
	954A0070H19	Actuator Motor only	1		
	954A0070H02	Assembly, Valve, Motor, Danfoss, ICM 20B, 3/4" SW	1		
	954A0070H12	ICM 20B Valve only	1		
	954A0070H15	ICM 20B Top Cover/Function Module	1		
	954A0070H17	Disassembly Kit	1		
	954A0070H18	Tool	1		
	954A0070H19	Actuator Motor only	1		
	954A0070H03	Assembly, Valve, Motor, Danfoss, ICM 20C, 3/4" SW	1		
	954A0070H13	ICM 20C Valve only	1		
	954A0070H16	ICM 20C Top Cover/Function Module	1		
	954A0070H17	Disassembly Kit	1		
	954A0070H18	Tool	1		
	954A0070H19	Actuator Motor only	1		

FIG. & INDEX	ITEM NUMBER	DESCRIPTION	QTY.	REV.	P & I REF.
—12	951A0053H01	Valve, Solenoid, Less Coil, 3/4 " Flare	1		
	951A0095H01	Coil, 120VAC (w/DIN connector)	1		
	951A0095H02	Coil, 240VAC (w/DIN connector)	1		
	649A0890H01	Connector, DIN	1		
	944A0117H01	Fitting, Connector, Female, 1/8-27" Parker Ferulok	2		
	111Q0351038	Sleeve, 3/4 " Flare	3		
	111Q0351039	Nut, 3/4 " Flare	3		
	111Q0351068	Tube, Reducing, 3/4 to 1/2 "	3		
—13	951A0020H01	Solenoid Valve, R-717, R-22	1		SV-10
	951A0020H11	Coil, Solenoid Valve, 120V	1		
	951A0020H16	Coil, Solenoid Valve, 240V	1		
—14	980A0012K66	O-ring, 3-912	1-2		
	980A0012K74	O-ring, 3-932	1-2		
—15	980A0012K60	O-ring, 3-906	1-2		
	980A0012K74	O-ring, 3-932	1-2		

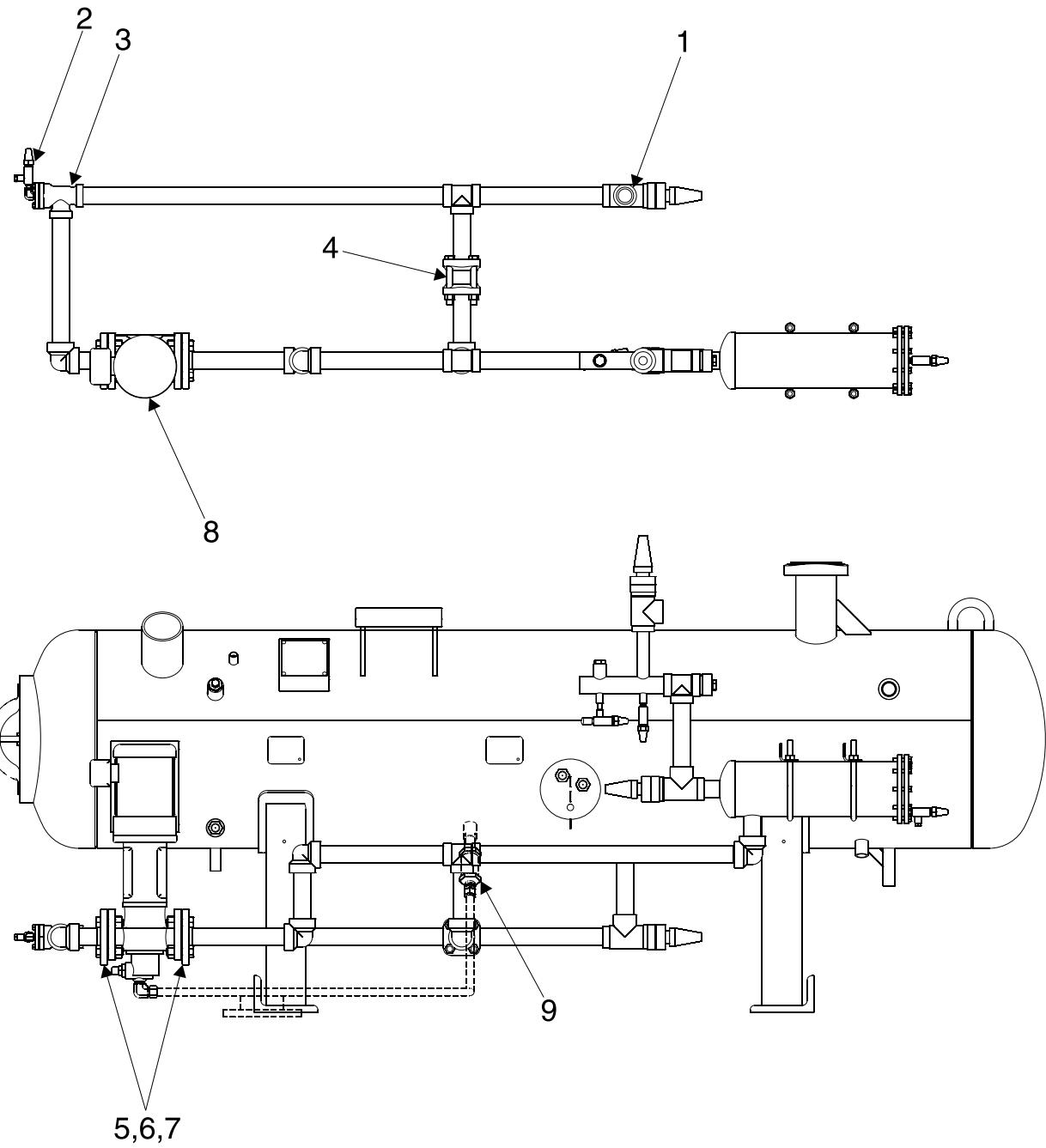


Figure 11. Oil Pump & Piping, RXF 58—101.

FIG. & INDEX	ITEM NUMBER	DESCRIPTION	QTY.	REV.	P & I REF.
11—	—	Oil Piping, 58 & 68	Ref.		
	—	Oil Piping w/Pump, 58 & 68	Ref.		
	—	Oil Piping, 85 & 101	Ref.		
	—	Oil Piping w/Pump, 85 & 101	Ref.		
—1	950A0233H05	Valve, Angle, SC, 1-1/2" SW, Danfoss	1		
	950A0232H22	Spare Parts Kit, Complete, 1-1/2"	1		
—2	950A0292H01	Valve, Angle, Seal Cap, 1/4" MPT x 1/4" FPT	1		
—3	950A0320H05	Strainer, Angle, 1-1/2" SW	1		
	950A0320H15	Gasket & Screen, 1-1/2"	1		
—4	956A0012G03	Valve, Check, 1-1/2" SW	1		
—5	944A0108H05	Flange, 1-1/2" SW ANSI, 300#	2		
—6	959A0054H25	Gasket, 1-1/2" - 300# Flange	2		
—7	901A0172H03	Flange Bolt Kit, 1-1/2" - 300# ANSI	2		
—8	960A0082G01	Pump, 1HP, 208/230/460-3-60, 190/180-3-50	1		
	960A0082G02	Pump, 1HP, 575-3-60	1		
	960A0082G03	Pump, 1HP, 415-3-50	1		
	960A0082H01	Pump only	1		
	960A0076H41	Shaft Seal Kit, Pump	1		
	914A0015H01	Motor only, 208/230/460-3-60, 190/380-3-50	1		
	914A0015H06	Motor only, 575-3-60	1		
	914A0015H05	Motor only, 415-3-50	1		
	960A0066H11	Coupling Assembly only	1		
—9	956A0014H01	Valve, Check, 3/4" NPT	1		

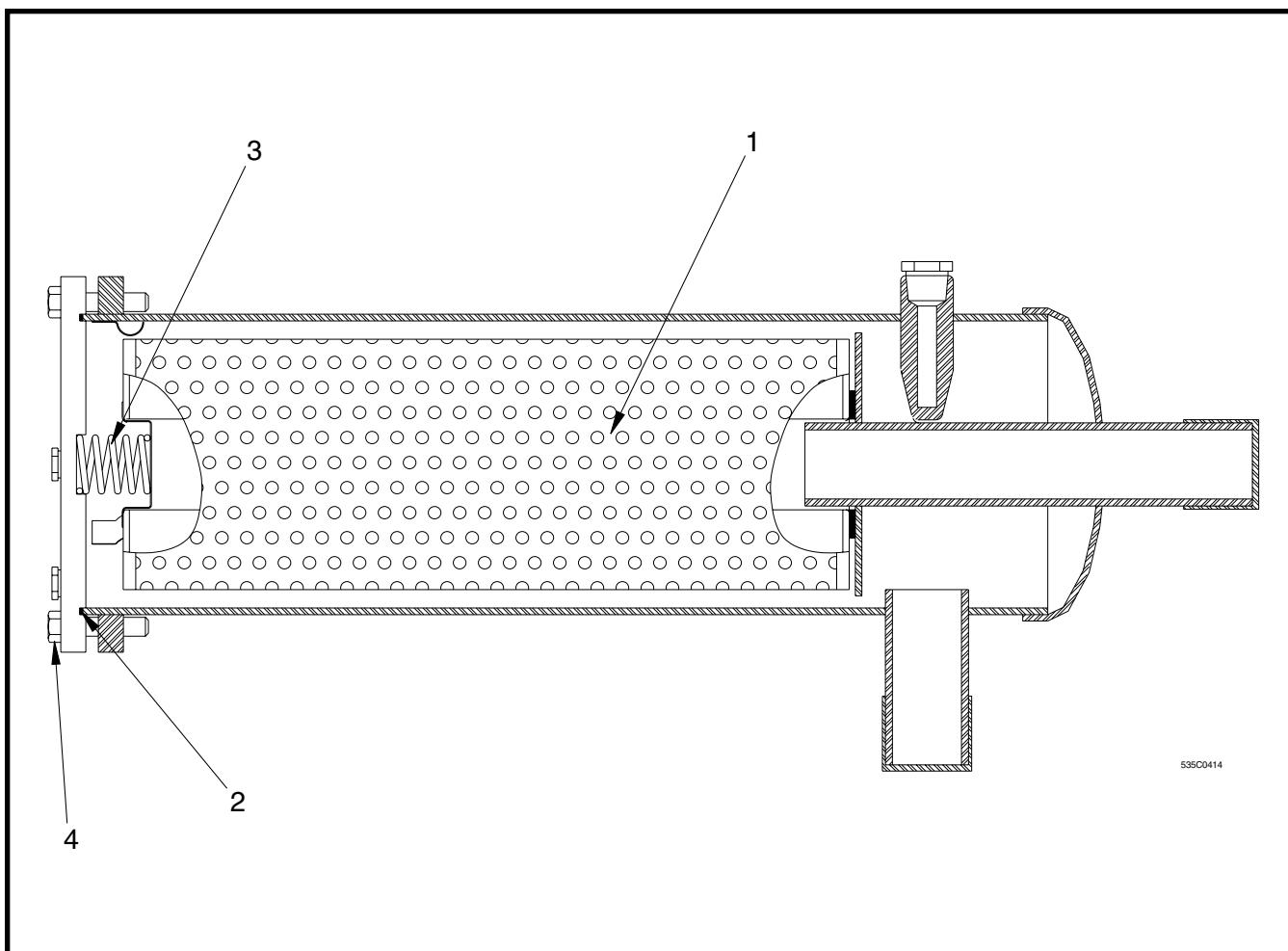


Figure 12. Oil Filter, Standard, RXF 58—101.

FIG. & INDEX	ITEM NUMBER	DESCRIPTION	QTY.	REV.	P & I REF.
12—	535C0513H01	Oil Filter Assembly	Ref.	B	F-1
—1	531A0224H02	Element, Oil Filter, SuperFilter™ II	1		
—2	959A0082H02	Gasket	1		
—3	535A0378H01	Spring	1		
—4	—	Capscrew, 3/8" x 1-3/4" UNC	10		

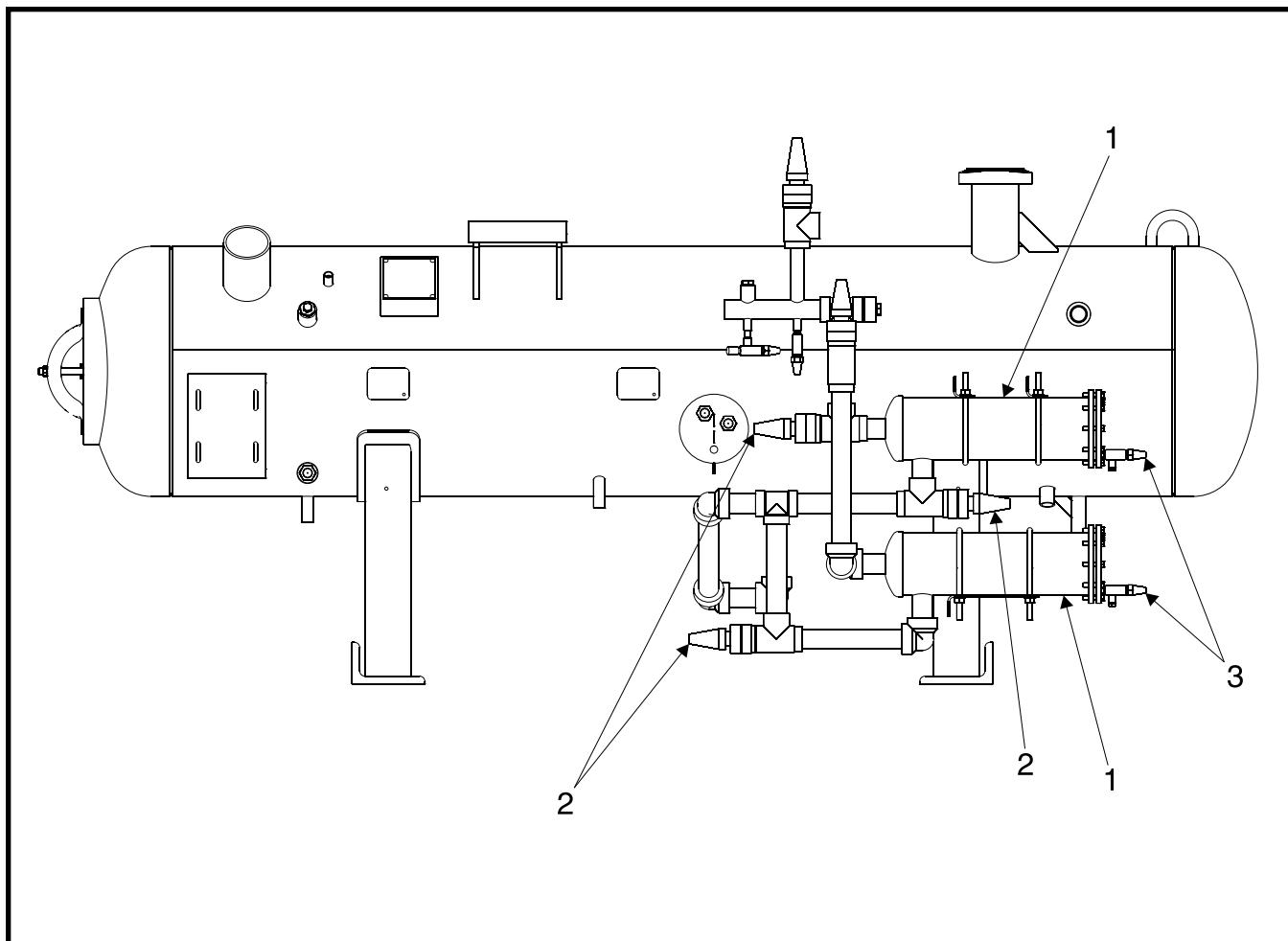


Figure 13. Dual Oil Filter, Typical, RXF 58—101.

FIG. & INDEX	ITEM NUMBER	DESCRIPTION	QTY.	REV.	P & I REF.
13—	720D0408 720D0395	Piping, Dual Oil Filter, 58 & 68 Piping, Dual Oil Filter, 85 & 101	Ref. Ref.	— —	
—1	535C0513H01	Filter Assembly, 6" (See Figure 12)	2		
—2	950A0233H05 950A0232H22	Valve, Angle, SC, 1-1/2" SW, Danfoss Spare Parts Kit, Complete, 1-1/2"	4 1		
—3	950A0292H01	Valve, Angle, SC, 1/4" MPT x 1/4" FPT	3		

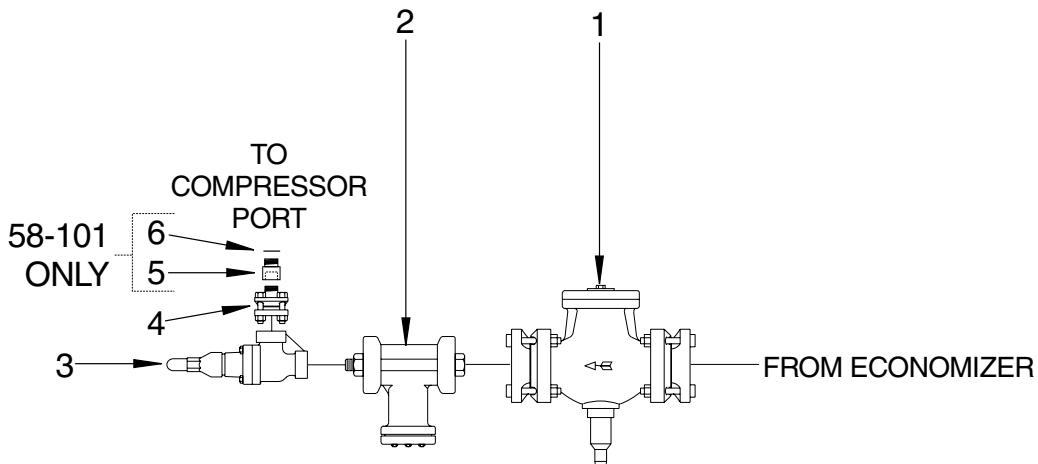


Figure 14. Economizer Kit, Typical.

FIG. & INDEX	ITEM NUMBER	DESCRIPTION	QTY.	REV.	P & I REF.
14—	535B0056	Economizer Details		Ref.	
—1	956A0025H22	Valve, Check, 1-1/4", RXF 12—68, R-22	1		
	959A0057H04	Gasket, Flange, 1-1/4"	2		
	956A0025H28	Valve, Check, Modified, 1-1/4", RXF 12—68, R-717	1		
	959A0057H04	Gasket, Flange, 1-1/4"	2		
	956A0025H23	Valve, Check, Modified, 1-5/8", RXF 85 & 101	1		
	959A0057H05	Gasket, Flange, 1-1/2"	2		
—2	950A0001H05	Strainer, 1-1/4", RXF 12—68	1		
	959A0057H04	Gasket, Flange, 1-1/4"	2		
	950A0001H06	Strainer, 2", RXF 85 & 101	1		
	959A0057H07	Gasket, Flange, 2"	2		
	950A0001H08	Strainer, 1-1/2", RXF 85 & 101	1		
	959A0057H05	Gasket, Flange, 1-1/2"	2		
—3	950A0233H04	Valve, Angle, SC, SW, 1-1/4", Danfoss	1		
	950A0233H05	Valve, Angle, SC, SW, 1-1/2", Danfoss	1		
	950A0232H22	Spare Parts Kit, Complete, 1-1/4 & 1-1/2"	1		
—4	944A0360G10	Flange, Union, SW, 1-1/4"	1		
	959A0057H04	Gasket, 1-1/4"	2		
	944A0360G11	Flange, Union, SW, 1-1/2"	1		
	959A0057H05	Gasket, 1-1/2"	2		
—5	944A0246H19	Adapter, 1-1/2" NPTF to 1-7/8" UNF	1		
—6	980A0012K72	O-Ring	1		

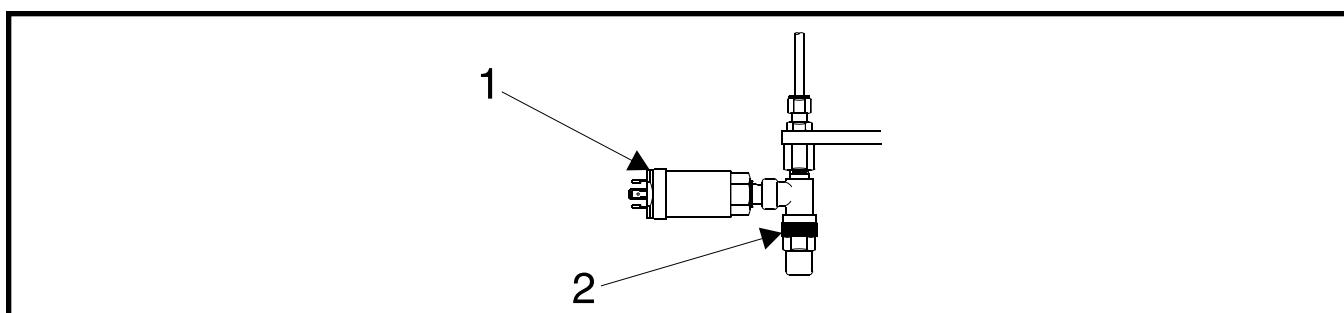
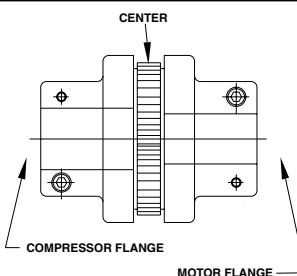


Figure 15. Transducer Piping Assembly.

FIG. & INDEX	ITEM NUMBER	DESCRIPTION	QTY.	REV.	P & I REF.
15—	—	Transducer Piping Assembly		Ref.	
—1	913A0146H01	Transducer, 0 - 200 PSIA	3		
—1	913A0146H02	Transducer, 0 - 500 PSIA	3		
—2	950A0292H01	Valve, Angle, SC, 1/4" MPT x 1/4" FPT	3		



MODEL	SIZE	COMPRESSOR FLANGE		CENTER	MOTOR FLANGE	
		PART NO.	BORE		PART NO.	BORE
12—19	6C	930A0093H73	1.378	930A0093H61	930A0093H80	1.375
12—19	6C	930A0093H73	1.378	930A0093H61	930A0093H72	1.625
12—19	6C	930A0093H73	1.378	930A0093H61	930A0093H63	1.875
12—19	7C	930A0093H67	1.378	930A0093H58	930A0093H60	1.875
12—19	7C	930A0093H67	1.378	930A0093H58	930A0093H96	1.625
12—19	8C	930A0093H69	1.378	930A0093H01	930A0093H53	2.375
12—19	8C	930A0093H69	1.378	930A0093H01	930A0093H03	1.875
12—19	8C	930A0093H69	1.378	930A0093H01	930A0093H04	2.125
24—50	6C	930A0093H62	1.575	930A0093H61	930A0093H63	1.875
24—50	6C	930A0093H62	1.575	930A0093H61	930A0093H72	1.625
24—50	6C	930A0093H62	1.575	930A0093H61	930A0093H83	1.125
24—50	7C	930A0093H59	1.575	930A0093H58	930A0093H60	1.875
24—50	7C	930A0093H59	1.575	930A0093H58	930A0093H82	1.375
24—50	8C	930A0093H54	1.575	930A0093H01	930A0093H03	1.875
24—50	8C	930A0093H54	1.575	930A0093H01	930A0093H04	2.125
24—50	8C	930A0093H54	1.575	930A0093H01	930A0093H53	2.375
24—50	8C	930A0093H54	1.575	930A0093H01	930A0093H77	2.165
24—50	8C	930A0093H54	1.575	930A0093H01	930A0093H92	2.362
58—101	8C	930A0093H39	2.000	930A0093H01	930A0093H03	1.875
58—101	8C	930A0093H39	2.000	930A0093H01	930A0093H04	2.125
58—101	8C	930A0093H39	2.000	930A0093H01	930A0093H53	2.375
58—101	9C	930A0093H37	2.000	930A0093H05	930A0093H09	2.375
58—101	10C	930A0120H01	2.000	930A0093H11	930A0120H02	2.375

Figure 16. Drive Coupling.

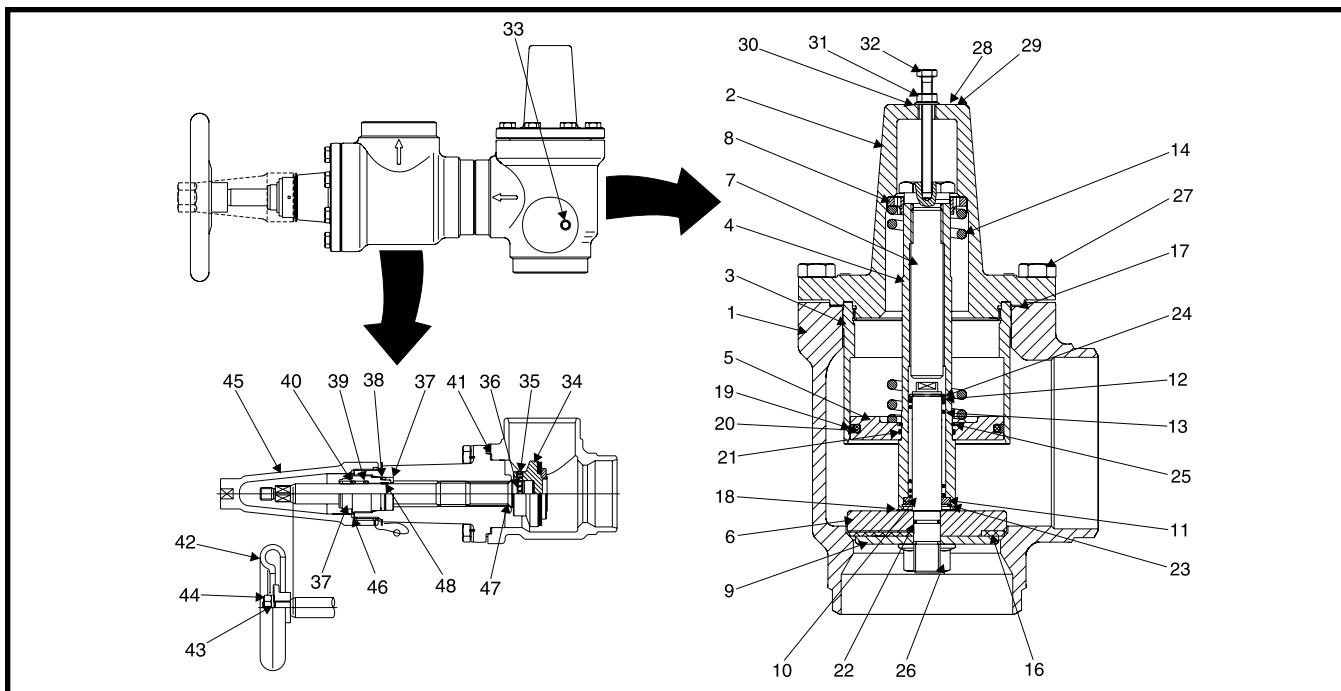


Figure 17. 2-1/2—5" Discharge Stop/Check Valve, Danfoss.

Figure 17. DISCHARGE STOP-CHECK VALVE ASSEMBLY				
ASSEMBLY	APPLICATION	SIZE	STOP VALVE	CHECK VALVE
582C0028G01	HIGH STAGE HW	2-1/2	950A0240H07	956A0043H01
582C0028G02	HIGH STAGE SC	2-1/2	950A0241H07	956A0043H01
582C0028G03	BOOSTER HW	2-1/2	950A0240H07	956A0043H02
582C0028G04	BOOSTER SC	2-1/2	950A0241H07	956A0043H02
582C0029G01	HIGH STAGE HW	3	950A0240H08	956A0044H01
582C0029G02	HIGH STAGE SC	3	950A0241H08	956A0044H01
582C0029G03	BOOSTER HW	3	950A0240H08	956A0044H02
582C0029G04	BOOSTER SC	3	950A0241H08	956A0044H02
582C0030G01	HIGH STAGE HW	4	950A0240H09	956A0045H01
582C0030G02	HIGH STAGE SC	4	950A0241H09	956A0045H01
582C0030G03	BOOSTER HW	4	950A0240H09	956A0045H02
582C0030G04	BOOSTER SC	4	950A0241H09	956A0045H02
582C0031G01	HIGH STAGE HW	5	950A0240H10	956A0046H01
582C0031G02	HIGH STAGE SC	5	950A0241H10	956A0046H01
582C0031G03	BOOSTER HW	5	950A0240H10	956A0046H02
582C0031G04	BOOSTER SC	5	950A0241H10	956A0046H02

Fig. 17. STOP VALVE REPAIR KITS (See index next page)

VALVE	DESCR.	SIZE Inch	● COMPLETE SPARES KIT <sup>(1)</sup>	❖ PACKING GLAND KIT <sup>(2)</sup>	◆ CONE KIT <sup>(3)</sup>	♦ HW/SC KIT <sup>(4)</sup>	■ CAP & BONNET KIT <sup>(5)</sup>
950A0240H07	BW - HW	2-1/2	950A0240H24	950A0232H33	950A0240H44	950A0232H53	N/A
950A0240H08	BW - HW	3	950A0240H25	950A0240H34	950A0240H45	950A0240H54	N/A
950A0240H09	BW - HW	4	950A0240H26	950A0240H34	950A0240H46	950A0240H55	N/A
950A0240H10	BW - HW	5	950A0240H27	950A0240H35	950A0240H47	950A0240H56	N/A
950A0241H07	BW - SC	2-1/2	950A0240H24	950A0232H33	950A0240H44	950A0233H62	950A0241H54
950A0241H08	BW - SC	3	950A0240H25	950A0240H34	950A0240H45	950A0241H63	950A0241H55
950A0241H09	BW - SC	4	950A0240H26	950A0240H34	950A0240H46	950A0241H63	950A0241H56
950A0241H10	BW - SC	5	950A0240H27	950A0240H35	950A0240H47	950A0241H64	950A0241H57

(1) Consists of Cone, Setscrew, Steel Balls, O-ring, Cap Gasket, Soft Backseat.

(2) Consists of Packing Gland and Washer, O-rings, Wear Ring, and U-sleeves (where applicable).

(3) Consists of Cone, Setscrew, Steel Balls, O-ring.

(4) Consists of Handwheel, Washer, Screw/Nut or Seal Cap and Gasket.

(5) Consists of O-ring and Cap Gasket (plus Soft Backseat where applicable ).

FIG. & INDEX	ITEM NUMBER	DESCRIPTION	QTY.	REV.	P & I REF.
17—	—	<b>Discharge Stop Check Valve Assembly</b> <b>Check Valve (For P/N, see chart previous page)</b>	Ref.		
—1	—	Housing	Ref.		
—2	—	Bonnet	1		
—3	—	Piston Cylinder	1		
—4	—	Piston Rod	1		
—5	—	Piston	1		
—6	—	Cone	1		
—7	—	Spring Screw	1		
—8	—	Spring Bushing	1		
—9	—	Cone Plate	1		
—10	—	Cone Rod	1		
—11	—	Rear Bushing	1		
—12	—	Front Bushing	1		
—13	—	Spring	1		
—14	Spring Kit*	Spring	1		
—15	—	Plug (not shown)	1		
—16	Seal Kit*	Teflon Ring	1		
—17	Seal Kit*	Bonnet Gasket	1		
—18	Seal Kit*	Nylon Washer	1		
—19	Seal Kit*	Glyd Ring®	1		
—20	Seal Kit*	O-Ring	1		
—21	Seal Kit*	O-Ring	1		
—22	Seal Kit*	O-Ring	1		
—23	—	Spring Ring	1		
—24	—	Spring Ring	1		
—25	—	Spring Ring	1		
—26	—	Nut	1		
—27	—	Set Screw	A/R		
—28	Spring Kit*	Marking Plate	1		
—29	Spring Kit*	Rivet	1		
—30	—	Washer	1		
—31	—	Nut	1		
—32	—	Screw	1		
—33	950A0292H01	Valve, Angle, Needle,SC, 1/4" MPT x 1/4" FPT <b>Stop Valve (For P/N, see charts previous page)</b>	1	Ref.	
—34	●◆	Cone & Cone Seal	1		
—35	●◆	Setscrew	1		
—36	●◆	Balls, Steel	A/R		
—37	❖	Gland, Packing	1		
—38	❖	Washer, Packing	1		
—39	❖	O-ring	1		
—40	❖	O-ring	1		
—41	●◆■	O-ring	1		
—42	♦	Handwheel	1		
—43	♦	Washer	1		
—44	♦	Screw/Nut	1		
—45	♦	Cap	1		
—46	●♦■	Gasket, Cap	1		
—47	●■	Baskseat, Soft	1		

\* See Check Valve Repair Kits Chart, below.

Figure 17. CHECK VALVE REPAIR KITS (See index above)

VALVE	APPLICATION	SIZE Inch	BONNET GASKET	SEAL KIT	7.2 PSI SPRING KIT	14.5 PSI SPRING KIT	29 PSI SPRING KIT
956A0043H01	HIGH STAGE	2-1/2	956A0043H11	956A0043H12	956A0043H15	956A0043H13	956A0043H14
956A0043H02	BOOSTER	2-1/2	956A0043H11	956A0043H12	956A0043H15	956A0043H13	956A0043H14
956A0044H01	HIGH STAGE	3	956A0044H11	956A0044H12	956A0044H15	956A0044H13	956A0044H14
956A0044H02	BOOSTER	3	956A0044H11	956A0044H12	956A0044H15	956A0044H13	956A0044H14
956A0045H01	HIGH STAGE	4	956A0045H11	956A0045H12	956A0045H15	956A0045H13	956A0045H14
956A0045H02	BOOSTER	4	956A0045H11	956A0045H12	956A0045H15	956A0045H13	956A0045H14
956A0046H01	HIGH STAGE	5	956A0046H11	956A0046H12	956A0046H15	956A0046H13	956A0046H14

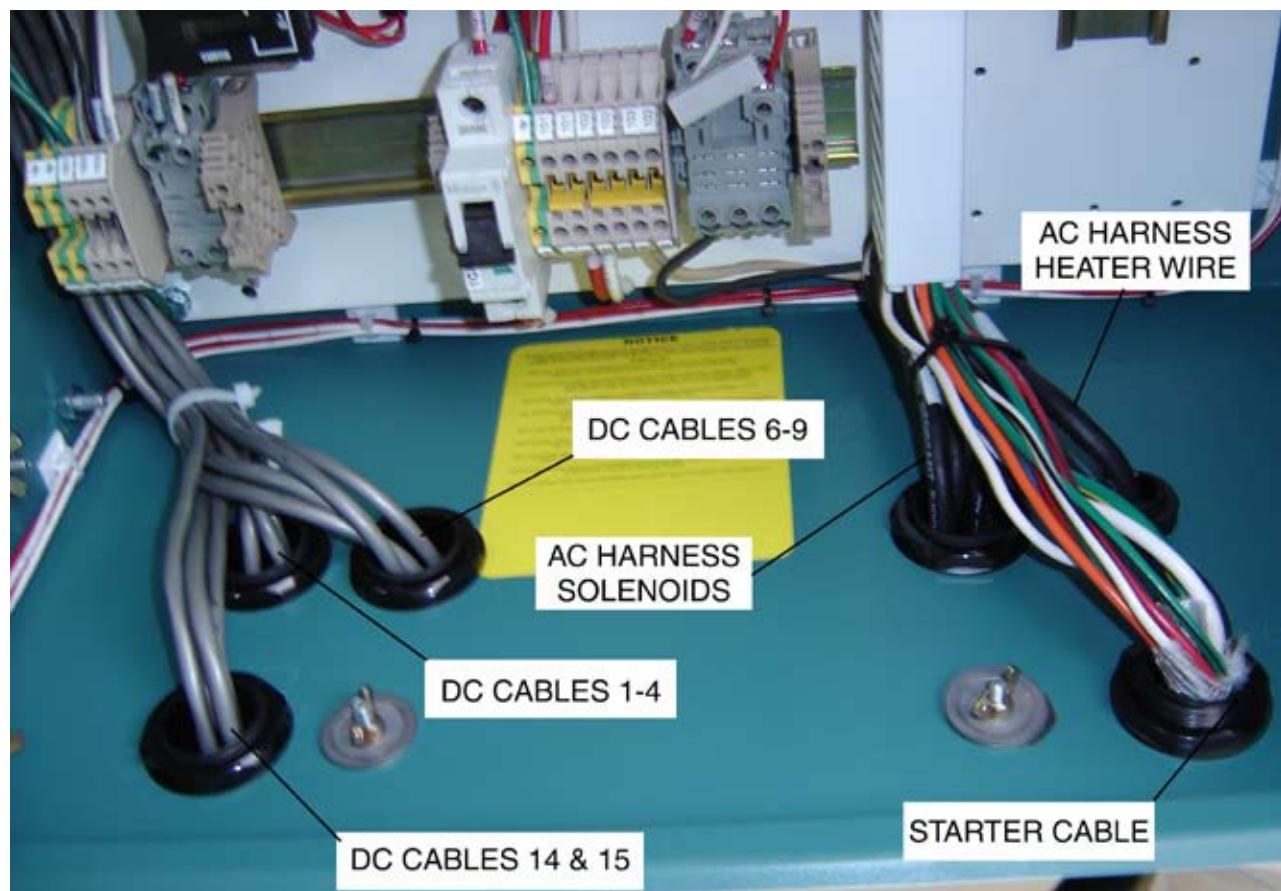


Figure 18a. Wiring Harness Installation, RXF 24 — 50.

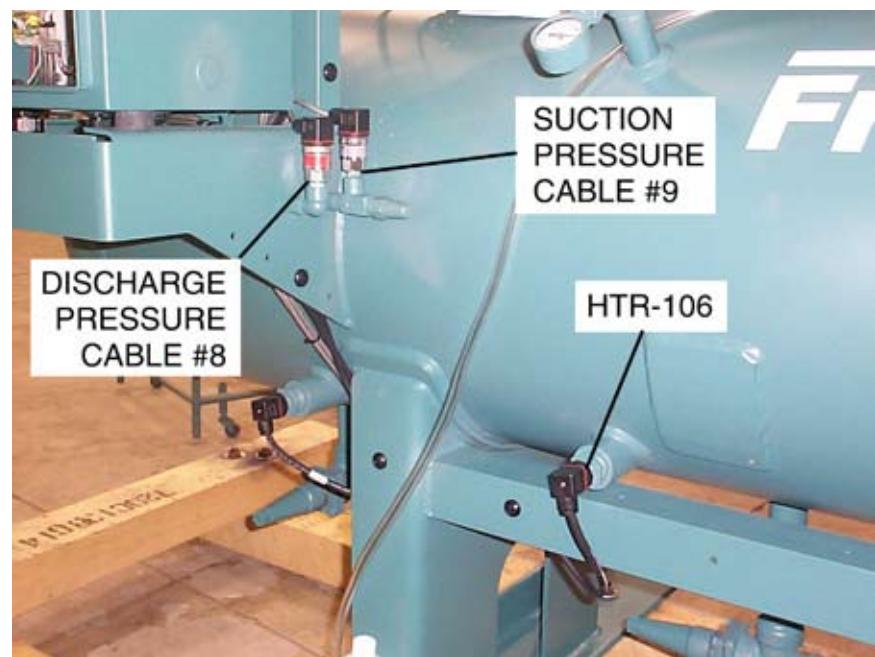
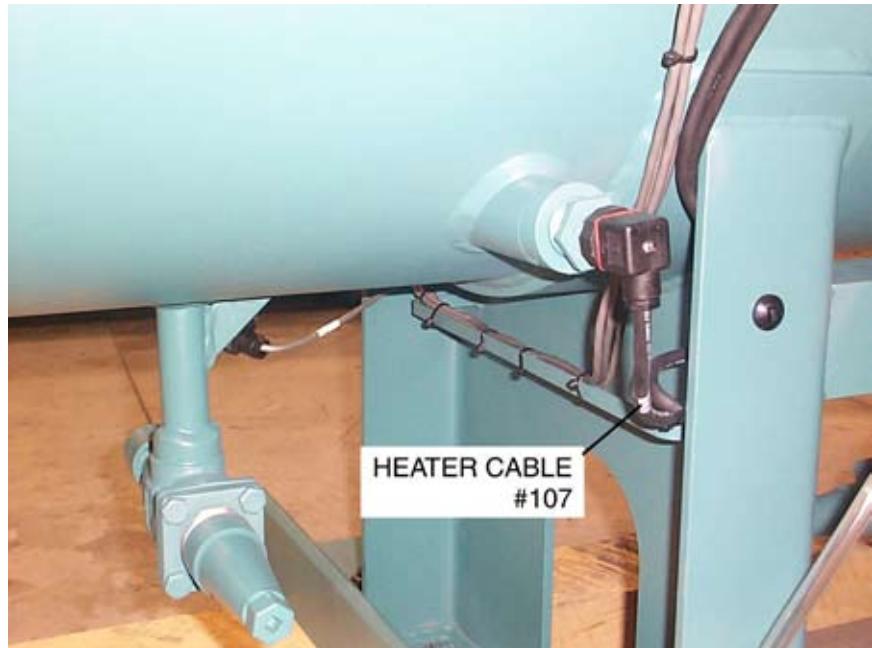


Figure 18b. Wiring Harness Installation, RXF 24 — 50.

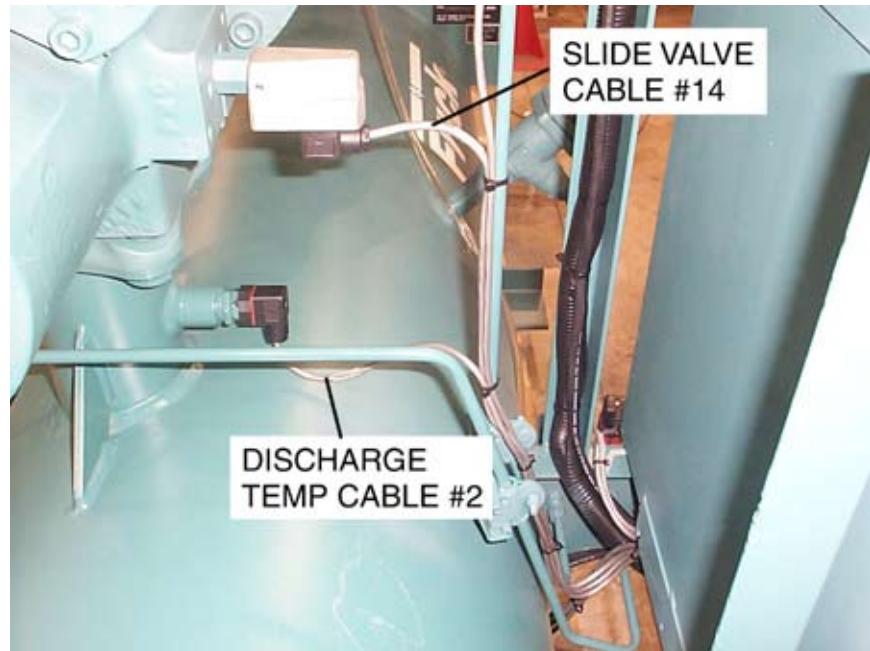


Figure 18c. Wiring Harness Installation, RXF 24 — 50.

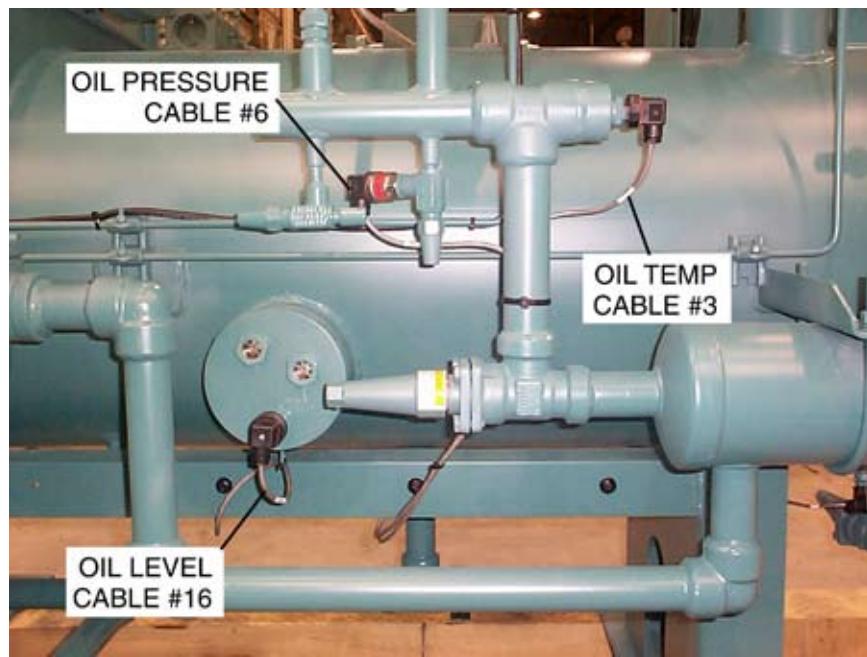
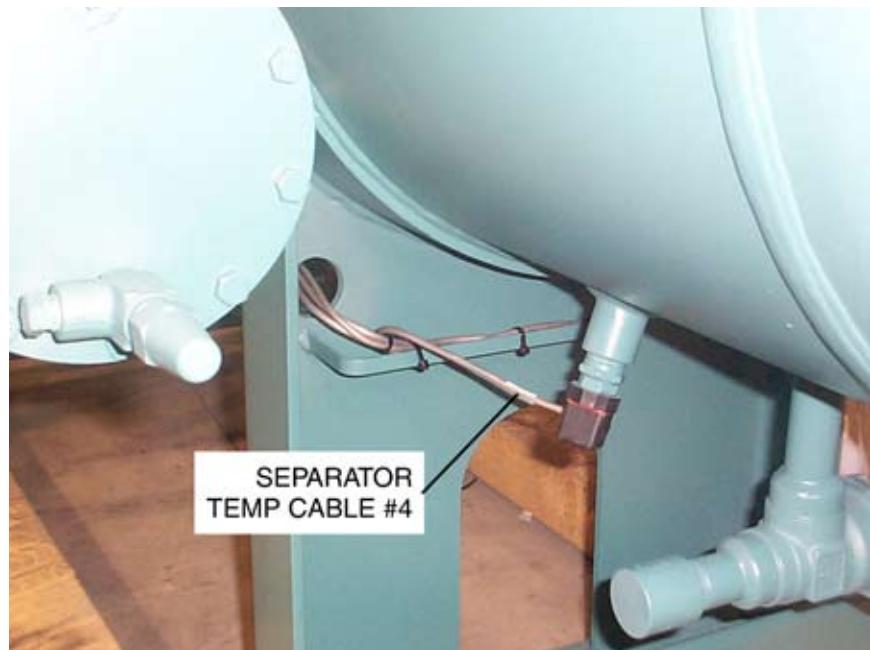


Figure 18d. Wiring Harness Installation, RXF 24 — 50.

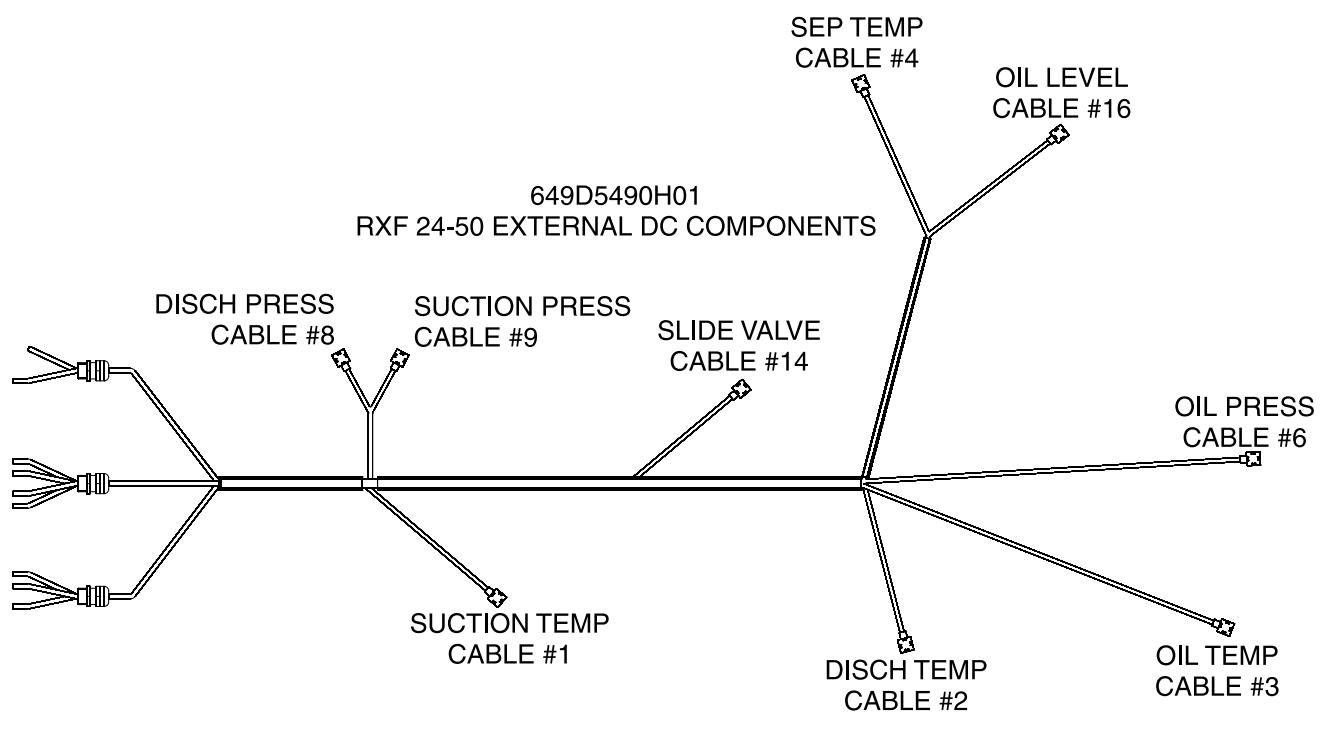
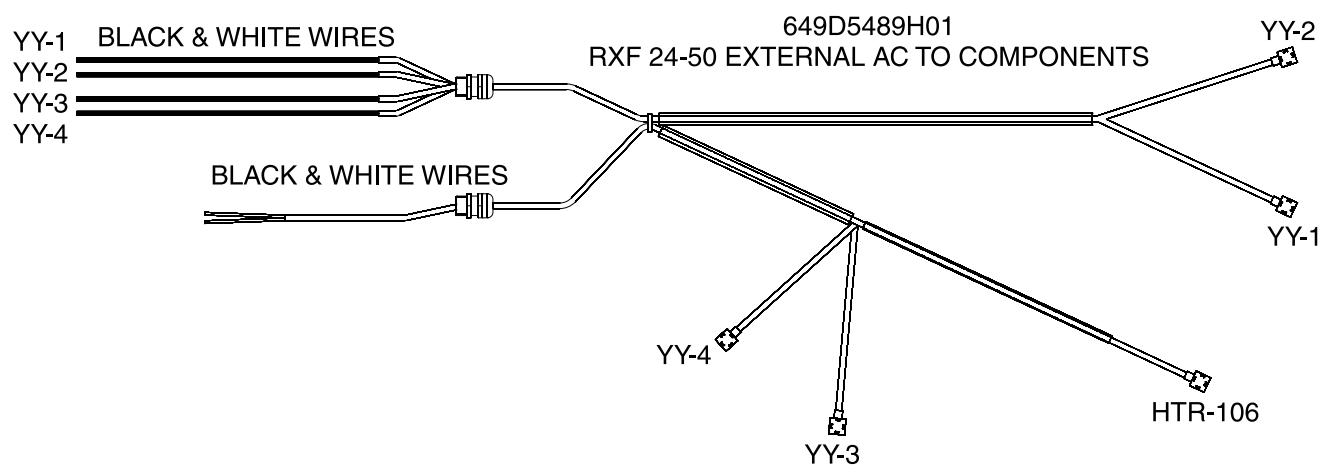


Figure 18e. Wiring Harness, RXF 24 — 50.

FIG. & INDEX	ITEM NUMBER	DESCRIPTION	QTY.	REV.	P & I REF.
18—	649D5489 649D5490 649D5560	Wiring Harness, 24-50, External AC Components Wiring Harness, 24-50, External DC Components Harness Installation, 24-50	Ref. Ref. Ref.	D D -	
—1	649D5489H01	Harness, External AC to Components, 24-50	1		
—2	649D5490H01	Harness, External DC to Components, 24-50	1		
	649A0890H01 649A0890H11	Connector, DIN w/M3 connection for shielded cable Gasket, DIN Connector	A/R A/R		

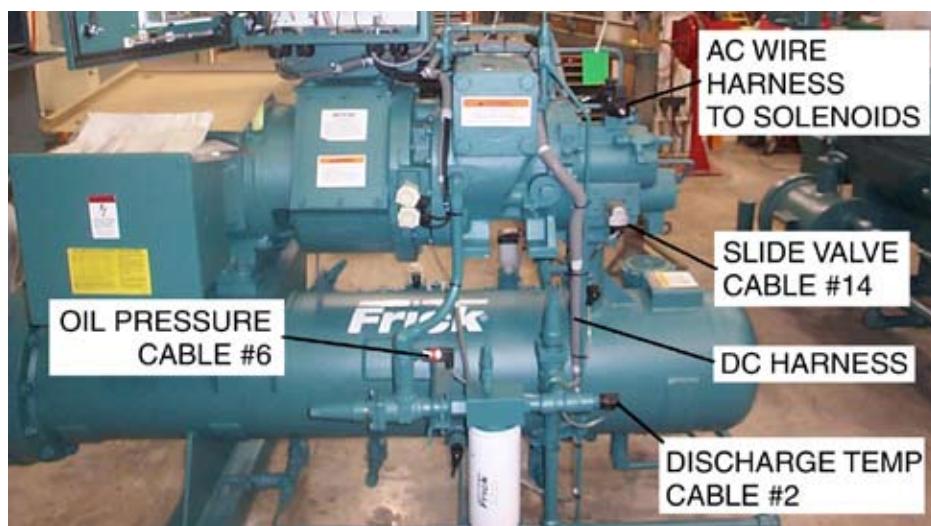
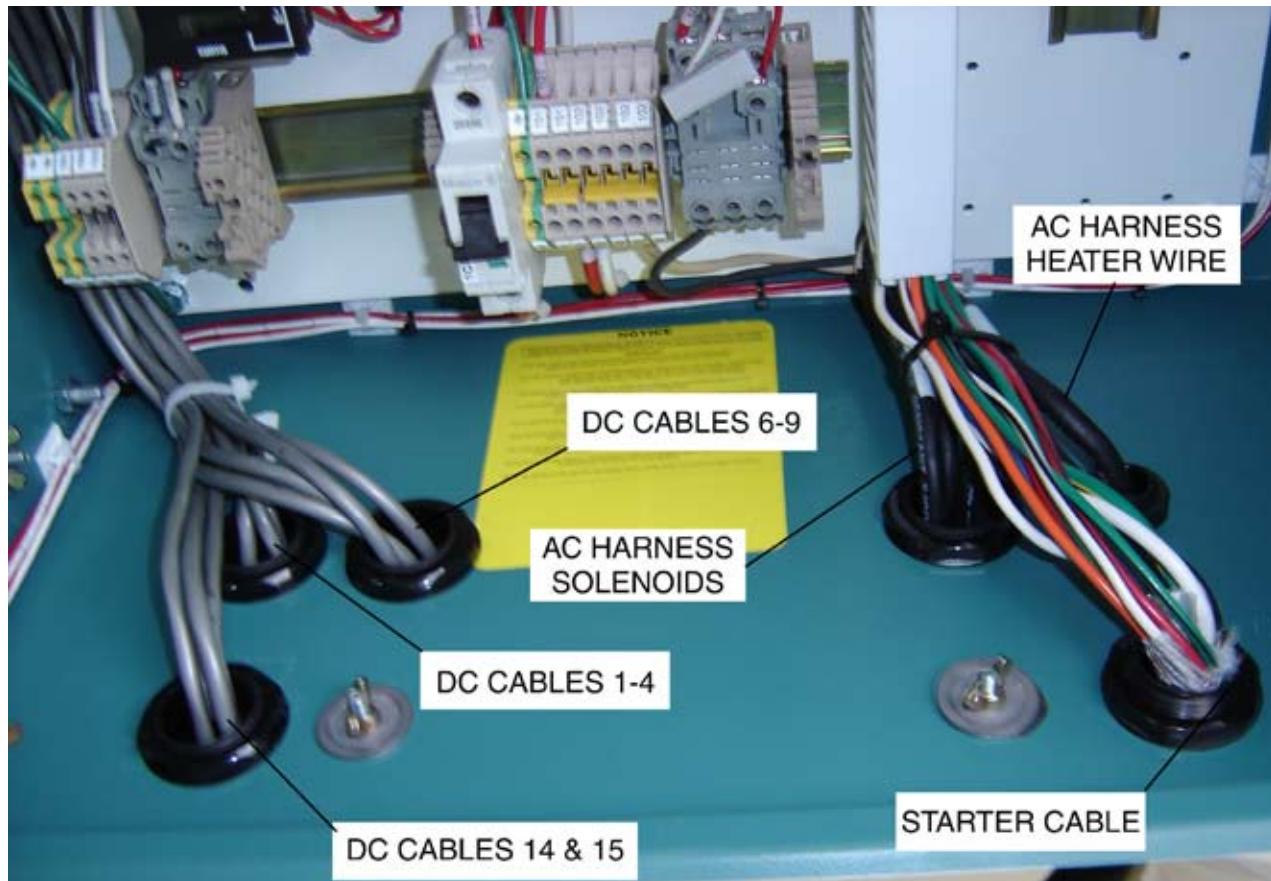


Figure 19a. Wiring Harness Installation, RXF 58 — 101.

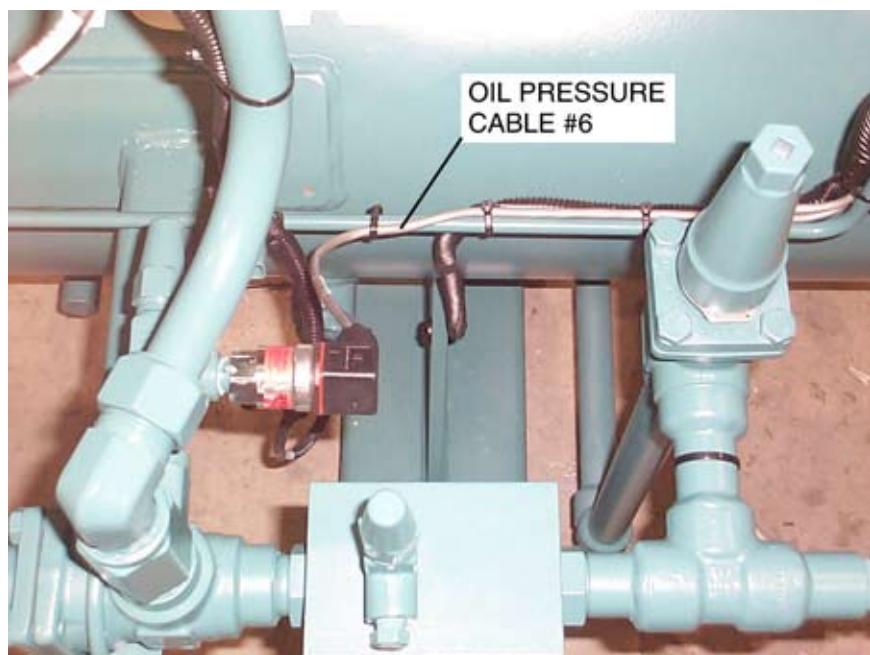
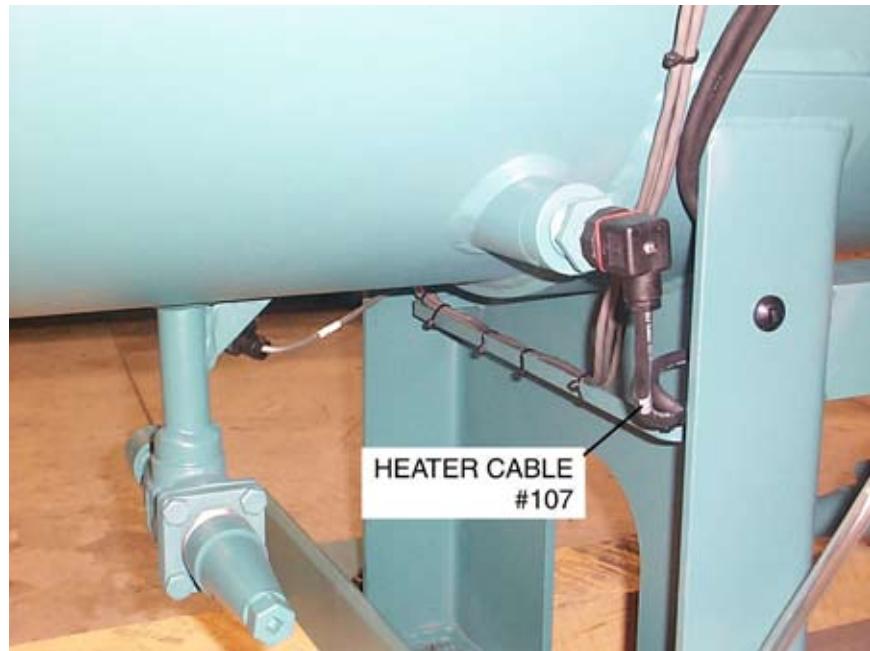


Figure 19b. Wiring Harness Installation, RXF 58 — 101.

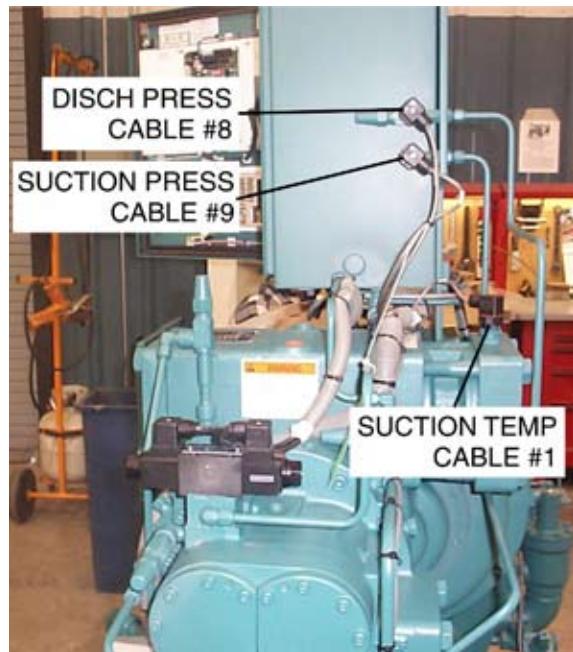
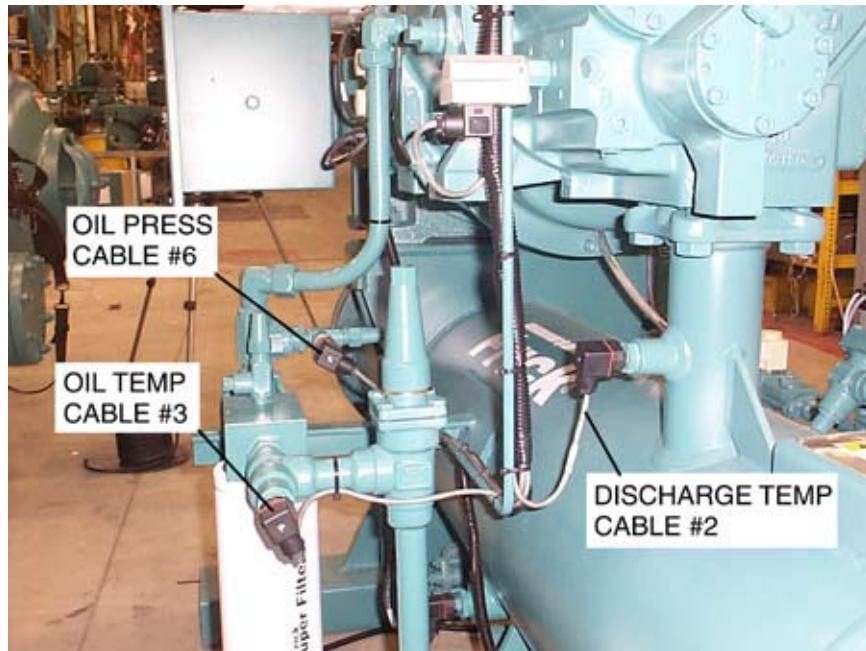


Figure 19c. Wiring Harness Installation, RXF 58 — 101.

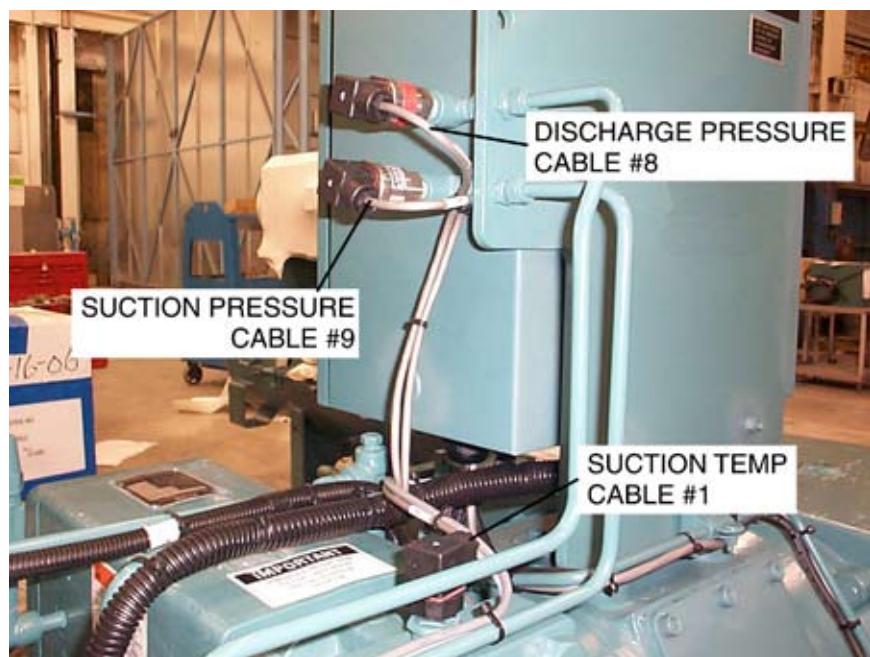


Figure 19d. Wiring Harness Installation, RXF 58 — 101.

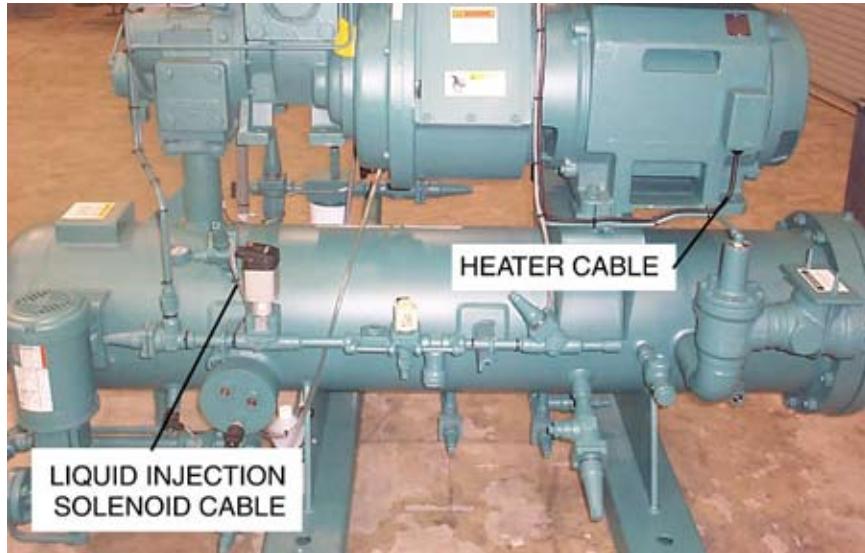
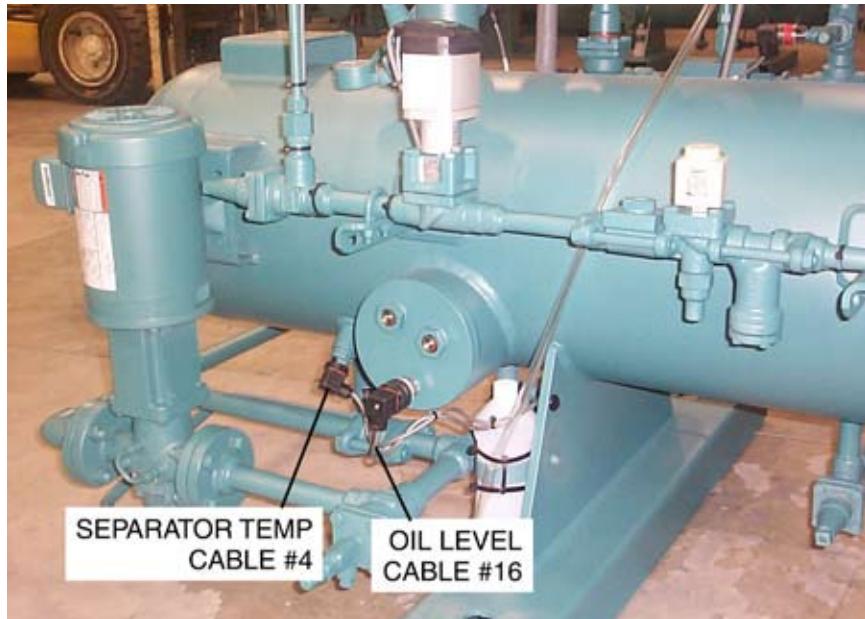


Figure 19e. Wiring Harness Installation, RXF 58 — 101.

FIG. & INDEX	ITEM NUMBER	DESCRIPTION	QTY.	REV.	P & I REF.
19—	649D5468	Wiring Harness, 58-101, External AC Components	Ref.	D	
	649D5469	Wiring Harness, 58-101, External DC Components	Ref.	D	
	649D5561	Harness Installation, 58-101	Ref.	-	
—1	649D5468H01	Harness, External AC to Components, 58-101	1		
—2	649D5469H01	Harness, External DC to Components, 58-101	1		
	649A0890H01	Connector, DIN w/M3 connection for shielded cable	A/R		
	649A0890H11	Gasket, DIN Connector	A/R		

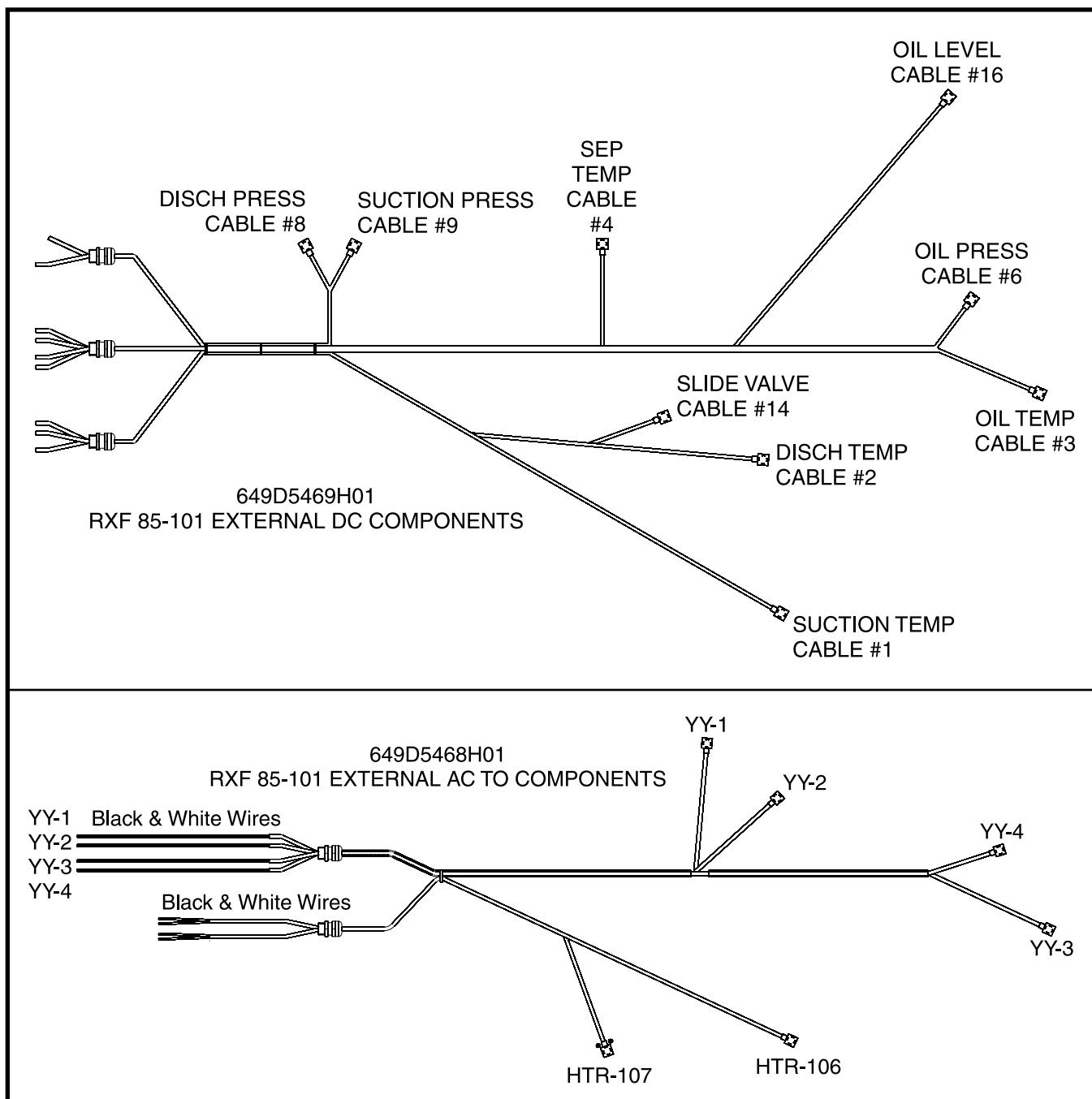
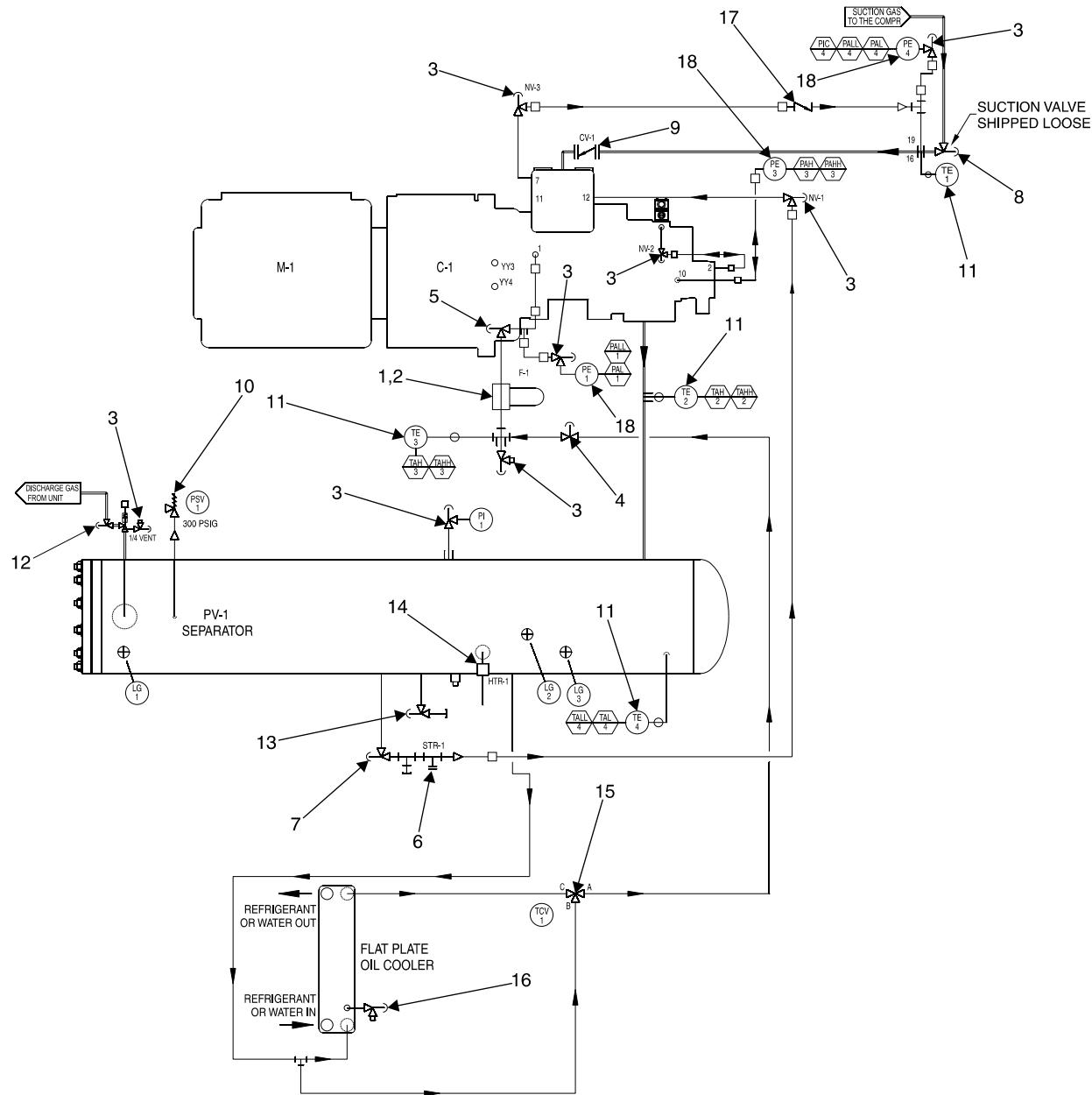


Figure 19f. Wiring Harness, RXF 58 — 101.



**LEGEND**

AS	AIR SUPPLY	PCV	PRESSURE CONTROL VALVE	TW	THERMOWELL
C	COMPRESSOR	PDSLL	LOW DIFFERENTIAL PRESS. SHUTDOWN	VI	VI CONTROL
CV	CHECK VALVE	PE	PRESSURE ELEMENT	WS	WATER SUPPLY
DP	DISCHARGE PRESSURE	PI	PRESSURE INDICATOR	YY	SOLENOID VALVE/EVENT VALVE
F	FILTER OR FILTER DRIER	PI/TIC	PRESS./TEMP INDICATING CONTROLLER	1	MAIN OIL SUPPLY
FG	FLOW GLASS	PM	PUMP MOTOR	2	SLIDE VALVE PISTON
HTR	HEATER	PS	AUTO CYCLE/PRESSURE SWITCH	3	LOW VI LIQUID INJECTION
HV	HAND ACTUATED VALVE	PSV	PRESSURE SAFETY VALVE	4	HIGH VI LIQUID INJECTION
LG	SIGHT OR LEVEL GLASS	SP	SUCTION PRESSURE	5	ECONOMIZER
LSL	OIL LEVEL SWITCH LOW	STR	STRAINER	6	OIL DRAIN
LSLL	LOW OIL LEVEL SHUTDOWN	TAH	HIGH TEMP. SHUTDOWN	7	SUCTION PRESSURE
M	MOTOR	TAHH	HIGH TEMP. SHUTDOWN	8	CLOSED THREAD
1MC	MOTOR CONTROL CENTER	TAL	LOW TEMP. SHUTDOWN	10	DISCHARGE PRESSURE
2MC	MOTOR CONTROL CENTER	TALL	LOW TEMP. SHUTDOWN	11	LIQ. INJ. BLEED LINE
OP	OIL PRESSURE	TCV	TEMPERATURE CONTROL VALVE	12	COALESCER BLEED LINE
P	PUMP	TE	TEMPERATURE ELEMENT	15	VENT - UNLOADING
PAH	HIGH PRESSURE ALARM	TI	TEMPERATURE INDICATOR	16	THERMOWELL
PAHH	HIGH PRESSURE SHUTDOWN	TS	TEMPERATURE SWITCH	19	SUCTION PRESSURE
PAL	LOW PRESSURE ALARM	TSH	TEMP. SWITCH HIGH ALARM		
PALL	LOW PRESSURE SHUTDOWN	TSLL	LIQUID INJECTION SHUTOFF		

Figure 20. Piping & Instrumentation w/o Oil Pump, RXF 12 — 19.

FIG. & INDEX	ITEM NUMBER	DESCRIPTION	QTY.	REV.	P & I REF.
20—	—	Piping & Instrumentation, RXF 12—19	Ref.	—	
—1	535A0509H01	Head, Oil Filter	1		
—2	535A0354H02	Cartridge, Oil Filter, SuperFilter™ II	1		
—3	950A0292H01	Valve, Angle, Needle, SC, 1/4" MPT x 1/4" FPT	8		
—4	950A0245H03	Valve, Globe, SW, SC, 1", Danfoss	1		
	950A0232H22	Spare Parts Kit, Complete, 1"	1		
	950A0232H42	Spare Parts Kit, Cone, 1"	1		
	950A0232H32	Spare Parts Kit, Packing Gland, 1"	1		
	950A0233H52	Spare Parts Kit, Cap & Bonnet, 1"	1		
	950A0233H62	Spare Parts Kit, Seal Cap & Gasket, 1"	1		
—5	950A0237H02	Valve, Angle, THD, SC, 3/4", Danfoss	1		
	950A0232H21	Spare Parts Kit, Complete, 3/4"	1		
	950A0232H41	Spare Parts Kit, Cone, 3/4"	1		
	950A0232H31	Spare Parts Kit, Packing Gland, 3/4"	1		
	950A0233H51	Spare Parts Kit, Cap & Bonnet, 3/4"	1		
	950A0233H61	Spare Parts Kit, Seal Cap & Gasket, 3/4"	1		
	950A0237H03	Valve, Angle, THD, SC, 1", Danfoss	1		
	950A0232H22	Spare Parts Kit, Complete, 1"	1		
	950A0232H42	Spare Parts Kit, Cone, 1"	1		
	950A0232H32	Spare Parts Kit, Packing Gland, 1"	1		
	950A0233H52	Spare Parts Kit, Cap & Bonnet, 1"	1		
	950A0233H62	Spare Parts Kit, Seal Cap & Gasket, 1"	1		
—6	950A0019H01	Strainer, 1/2" FPT	1		STR
	950A0019H02	Gasket, Flange	1		
	950A0019H03	Gasket, Screen	1		
—7	950A0019H04	Kit, Screen w/Gasket	1		
	950A0233H01	Valve, Angle, SW, SC, 1/2"	1		
	950A0232H21	Spare Parts Kit, Complete, 1/2"	1		
	950A0232H41	Spare Parts Kit, Cone, 1/2"	1		
	950A0232H31	Spare Parts Kit, Packing Gland, 1/2"	1		
	950A0233H51	Spare Parts Kit, Cap & Bonnet, 1/2"	1		
	950A0233H61	Spare Parts Kit, Seal Cap & Gasket, 1/2"	1		
—8	950A0241H07	Valve, WIL, Angle, SC, 2-1/2" Danfoss (See Figure 17)	1		
	950A0241H08	Valve, WIL, Angle, SC, 3" Danfoss (See Figure 17)	1		
	950A0241H09	Valve, WIL, Angle, SC, 4" Danfoss (See Figure 17)	1		
—9	956A0051H01	Valve, Check, 2 1/2, ANSI Class 125, RXF 12	1		
	956A0051H02	Valve, Check, 3, ANSI Class 125, RXF 15—24	1		
	956A0051H03	Valve, Check, 4, ANSI Class 125, RXF 30—50	1		
—10	952A0051H10	Valve, Safety, 1/2" 300#	1		PSV
	952A0052H10	Valve, Safety, 3/4" 300#	1		PSV
—11	639A0151G01	Assembly, Sensor, Temperature	4		TE
	639A0151H01	Sensor, Temperature (Less DIN Connector)	4		
	649A0890H01	Connector, DIN (with M3 connection for shielded cable)	4		
	649A0890H11	Gasket, DIN	4		
	913A0100H01	Thermal Compound, Temperature Sensor		A/R	
—12	—	Valve, Discharge Stop/Check (See Figure 17)	1		
—13	950A0233H02	Valve, Angle, SW, SC, 3/4"	1		
	950A0232H21	Spare Parts Kit, Complete, 3/4"	1		
	950A0232H41	Spare Parts Kit, Cone, 3/4"	1		
	950A0232H31	Spare Parts Kit, Packing Gland, 3/4"	1		
	950A0233H51	Spare Parts Kit, Cap & Bonnet, 3/4"	1		
	950A0233H61	Spare Parts Kit, Seal Cap & Gasket, 3/4"	1		
—14	913A0047H01	Heater, Oil, 500W, 120VAC, w/DIN	1		HTR
	913A0047H02	Heater, Oil, 1000W, 120VAC, w/DIN	1		HTR
	913A0047H03	Heater, Oil, 500W, 240VAC, w/DIN	1		HTR
	913A0047H04	Heater, Oil, 1000W, 240VAC, w/DIN	1		HTR
—15	950A0282H01	Valve, Temperature Regulating, 1" SW, 120°F, Hansen	1		
	950A0282H11	Kit, Service, consisting of Thermostat and Gasket	1		
—16	950A0292H03	Valve, Angle, S.C., Stop, Needle, 1/2 MPT, Danfoss	1		
—17	956A0052H01	Valve, Check, 20 PSI, 3/8 NPTF	1		
	956A0052H02	Valve, Check, 45 PSI, 3/8 NPTF	1		
	956A0053H01	Valve, Check, 20 PSI, 1/2 NPTF	1		
	956A0053H01	Valve, Check, 45 PSI, 1/2 NPTF	1		
—18	913A0146H01	Transducer, Pressure, 0—200 PSIA	2		PE
	913A0146H02	Transducer, Pressure, 0—500 PSIA	2		PE

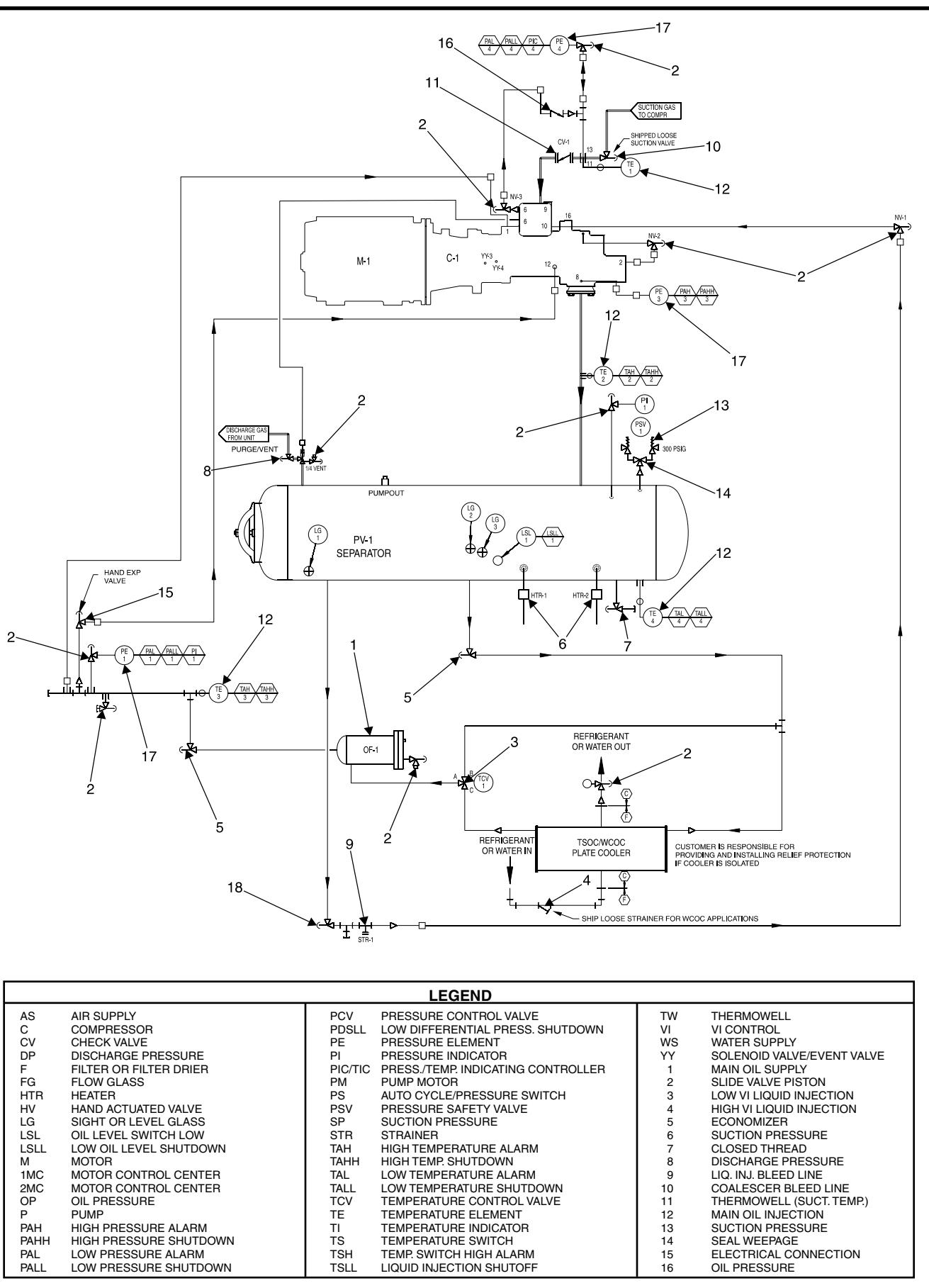


Figure 21. Piping & Instrumentation w/o Oil Pump, RXF 58 — 101.

FIG. & INDEX	ITEM NUMBER	DESCRIPTION	QTY.	REV.	P & I REF.
21—	—	Piping & Instrumentation, RXF 58—101	Ref.	—	
—1	—	Oil Filter (See Figure 12)	1		
—2	950A0292H01	Valve, Angle, Needle, SC, 1/4" MPT x 1/4" FPT	8		
—3	950A0195H01	Valve, Temperature Control, Hansen, 1-1/2" SW	1		TCV
	950A0195H11	Thermostat and Gasket Kit, Hansen	1		
	950A0195H03	Valve, Temperature Control, FPE, 1-1/2" SW	1		
	950A0195H12	Element, Lip Seal, & Housing Seal Kit, FPE	1		
—4	950A0075H06	Strainer, Y-type, 2" Flanged	1		
	950A0075H26	Screen, Strainer, 2"	1		
	950A0075H46	Gasket, Strainer, 2"	1		
	950A0075H08	Strainer, Y-type, 3" Flanged	1		
	950A0075H28	Screen, Strainer, 3"	1		
	950A0075H48	Gasket, Strainer, 3"	1		
—5	950A0233H04	Valve, Angle, Seal Cap, 1-1/4", Danfoss	1		
	950A0233H05	Valve, Angle, Seal Cap, 1-1/2", Danfoss	1		
	950A0232H22	Spare Parts Kit, Complete, 1-1/4 & 1-1/2"	1		
	950A0232H42	Spare Parts Kit, Cone, 1-1/4 & 1-1/2"	1		
	950A0232H32	Spare Parts Kit, Packing Gland, 1-1/4 & 1-1/2"	1		
	950A0233H52	Spare Parts Kit, Cap & Bonnet, 1-1/4 & 1-1/2"	1		
	950A0233H62	Spare Parts Kit, Seal Cap & Gasket, 1-1/4 & 1-1/2"	1		
—6	913A0092G01	Heater, Oil, 500W, 120VAC, w/DIN	1		HTR
	913A0092G02	Heater, Oil, 1000W, 120VAC, w/DIN	1		HTR
	913A0092G03	Heater, Oil, 500W, 240VAC, w/DIN	1		HTR
	913A0092G04	Heater, Oil, 1000W, 240VAC, w/DIN	1		HTR
—7	950A0233H03	Valve, Angle, SW, SC, 1", Danfoss	1		
	950A0232H22	Spare Parts Kit, Complete, 1"	1		
	950A0232H42	Spare Parts Kit, Cone, 1"	1		
	950A0232H32	Spare Parts Kit, Packing Gland, 1"	1		
	950A0233H52	Spare Parts Kit, Cap & Bonnet, 1"	1		
	950A0233H62	Spare Parts Kit, Seal Cap & Gasket, 1"	1		
—8	—	Valve, Discharge Stop/Check (See Figure 17)	1		
—9	950A0019H01	Strainer, 1/2" FPT	1		STR
	950A0019H02	Gasket, Flange	1		
	950A0019H03	Gasket, Screen	1		
	950A0019H04	Kit, Screen w/Gasket	1		
—10	950A0241H09	Valve, WIL, Angle, SC, 4", Danfoss (See Fig. 17)	1		
	950A0241H10	Valve, WIL, Angle, SC, 5", Danfoss (See Fig. 17)	1		
—11	956A0051H04	Valve, Check, 5", ANSI Class 125	1		
—12	639A0151G01	Assembly, Temperature Sensor	4		TE
	639A0151H01	Sensor, Temperature, less Well	4		
	913A0098H01	Well only	4		
	649A0890H01	DIN Connector	4		
	649A0890H11	DIN Gasket	4		
	913A0100H01	Thermal Compound	A/R		
—13	952A0051H10	Valve, Safety Relief 813, 1/2" FPT in x 1" FPT out	2		
	952A0052H10	Valve, Safety Relief 814, 3/4" FPT in x 1 1/4" FPT out	2		
	952A0053H09	Valve, Safety Relief 815, 1" FPT in x 1 1/2" FPT out	2		
	952A0055H07	Valve, Safety Relief 851, 1" MPT in x 2" MPT out	2		
—14	955B0005H01	Valve, Shutoff, Three-way, 1/2"	1		
	955B0005H02	Valve, Shutoff, Three-way, 3/4"	1		
	955B0005H03	Valve, Shutoff, Three-way, 1"	1		
—15	954A0062H03	Valve, Hand Expansion, 1" SW/FPT	1		
	954A0062H23	Kit, Bonnet O-ring & Cap Gasket	1		
	954A0062H28	Kit, Gaskets Complete*	1		
	954A0062H33	Kit, Packing Gland, Gaskets, O-rings	1		
	954A0062H38	Kit, Cap & Gasket	1		
—16	956A0052H01	Valve, Check, 20 PSI, 3/8 NPTF	1		
	956A0052H02	Valve, Check, 45 PSI, 3/8 NPTF	1		
	956A0053H01	Valve, Check, 20 PSI, 1/2 NPTF	1		
	956A0053H01	Valve, Check, 45 PSI, 1/2 NPTF	1		
—17	913A0146H01	Transducer, Pressure, 0—200 PSIA	2		PE
	913A0146H02	Transducer, Pressure, 0—500 PSIA	2		PE
—18	950A0233H01	Valve, Angle, SW, SC, 1/2"	1		
	950A0232H21	Repair Kit, Complete, 1/2"	1		

\* Includes Cone complete w/steel balls & allen screw, gaskets complete for packing gland, O-ring for housing/bonnet, gasket for cap, distance ring, & allen key.

FRICK COMPRESSOR OILS			
Number	5 Gallon	55 Gallon	330 Gallon
2A	111Q0550019	111Q0550020	333Q0001866
3	111Q0550001	111Q0550010	333Q0001861
4	—	111Q0550005	—
5	111Q0550008	111Q0550009	—
6	333Q0000940	333Q0000941	—
7	111Q0550024	111Q0550025	—
9	333Q0000850	333Q0000849	333Q0001862
9ST	333Q0001905	333Q0001904	—
10	333Q0000740	333Q0000739	—
11	333Q0000852	333Q0000851	333Q0001863
11ST	333Q0001907	333Q0001906	—
12	333Q0001141	333Q0001142	—
12B	333Q0001883	333Q0001884	—
13	333Q0001253	333Q0001254	—
14	333Q0001144	333Q0001145	—
18	—	333Q0001892	—
19	333Q0001899	333Q0001900	—
20	333Q0001902	333Q0001903	—
NG 1	—	333Q0001850	—
NG 2	—	333Q0001851	—
NG 3	—	333Q0001852	—

Oil Analysis Kit - 333Q0001853  
Tube of Motor Grease - 333Q0001860

FRICK BLUE PAINT	
Size Each	Item Number
1 PT.	993A0001H01*
1 GAL.	333Q0000404
2 GAL.	333Q0000724**

\* Spray Can

\*\* Matte finish epoxy paint. One gallon each of resin and cure which require mixing.

FRICK FLANGE GASKETS			
GASKET NO.	FLANGE SIZE	ID	OD
959A0057H01	1/4	29/32	1-11/32
959A0057H02	3/8 & 1/2	1-9/32	1-23/32
959A0057H03	3/4 & 1	1-21/32	2-3/32
959A0057H04	1-1/4	1-27/32	2-9/32
959A0057H05	1-1/2	2-1/8	2-3/4
959A0057H06	2-1/2	3	3-3/4
959A0057H07	2	2-1/2	3-1/4
959A0057H08	3-1/2	4-1/8	4-7/8
959A0057H09	4	4-3/4	5-1/2
959A0057H10	5	6-1/4	7
959A0057H11	6	7-3/8	8-1/8
959A0057H12	8	9-9/16	10-1/2
959A0057H13	10	11-7/8	12-15/16
959A0057H14	12	13-1/4	14-1/4
959A0057H15	14	14-3/4	16-1/32
959A0057H16	3/4	1-5/16	1-13/16
959A0057H18	3	3-5/8	4-3/8

<b>ADAPTERS - STRAIGHT THREAD TO NPTF</b>		
<b>Straight Thread Size</b>	<b>NPTF Size</b>	<b>Frick Part Number</b>
9/16-18	1/4-18	944A0246H01
3/4-16	1/4-18	944A0246H02
3/4-16	3/8-18	944A0246H03
3/4-16	1/2-14	944A0246H04
7/8-14	1/4-18	944A0246H05
7/8-14	3/8-18	944A0246H06
7/8-14	1/2-14	944A0246H07
7/8-14	3/4-14	944A0246H08
1 1/16-12	1/2-14	944A0246H09
1 1/16-12	3/4-14	944A0246H10
1 3/16-12	1/2-14	944A0246H11
1 3/16-12	3/4-14	944A0246H12
1 5/16-12	1/2-14	944A0246H13
1 5/16-12	3/4-14	944A0246H14
1 5/16-12	1-11 1/2	944A0246H15
1 5/8-12	1-11 1/2	944A0246H16
1 5/8-12	1 1/4-11 1/2	944A0246H17
1 7/8-12	1-11 1/2	944A0246H18
1 7/8-12	1 1/2-11 1/2	944A0246H19
7/16-20	1/4-18	944A0246H20

<b>STOP VALVE COMPLETE REPAIR KIT</b>				
<b>HANSEN</b>	<b>TYPE</b>	<b>CONN.</b>	<b>SIZE (Inch)</b>	<b>REPAIR KIT</b>
950A0233H01	ANGLE	SW - SC	1/2	950A0232H21
950A0233H02	ANGLE	SW - SC	3/4	950A0232H21
950A0233H03	ANGLE	SW - SC	1	950A0232H22
950A0233H04	ANGLE	SW - SC	1-1/4	950A0232H22
950A0233H05	ANGLE	SW - SC	1-1/2	950A0232H22
950A0237H01	ANGLE	THD - SC	1/2	950A0232H21
950A0237H02	ANGLE	THD - SC	3/4	950A0232H21
950A0237H03	ANGLE	THD - SC	1	950A0232H22
950A0240H07	ANGLE	BW - HW	2-1/2	950A0240H24
950A0240H08	ANGLE	BW - HW	3	950A0240H25
950A0240H09	ANGLE	BW - HW	4	950A0240H26
950A0240H10	ANGLE	BW - HW	5	950A0240H27
950A0241H07	ANGLE	BW - SC	2-1/2	950A0240H24
950A0241H08	ANGLE	BW - SC	3	950A0240H25
950A0241H09	ANGLE	BW - SC	4	950A0240H26
950A0241H10	ANGLE	BW - SC	5	950A0240H27
950A0245H01	GLOBE	SW - SC	1/2	950A0232H21
950A0245H02	GLOBE	SW - SC	3/4	950A0232H21
950A0245H03	GLOBE	SW - SC	1	950A0232H22
950A0249H01	GLOBE	THD - SC	1/2	950A0232H21
950A0249H02	GLOBE	THD - SC	3/4	950A0232H21
950A0319H01	ANGLE	SW - SC	3/4	950A0232H21

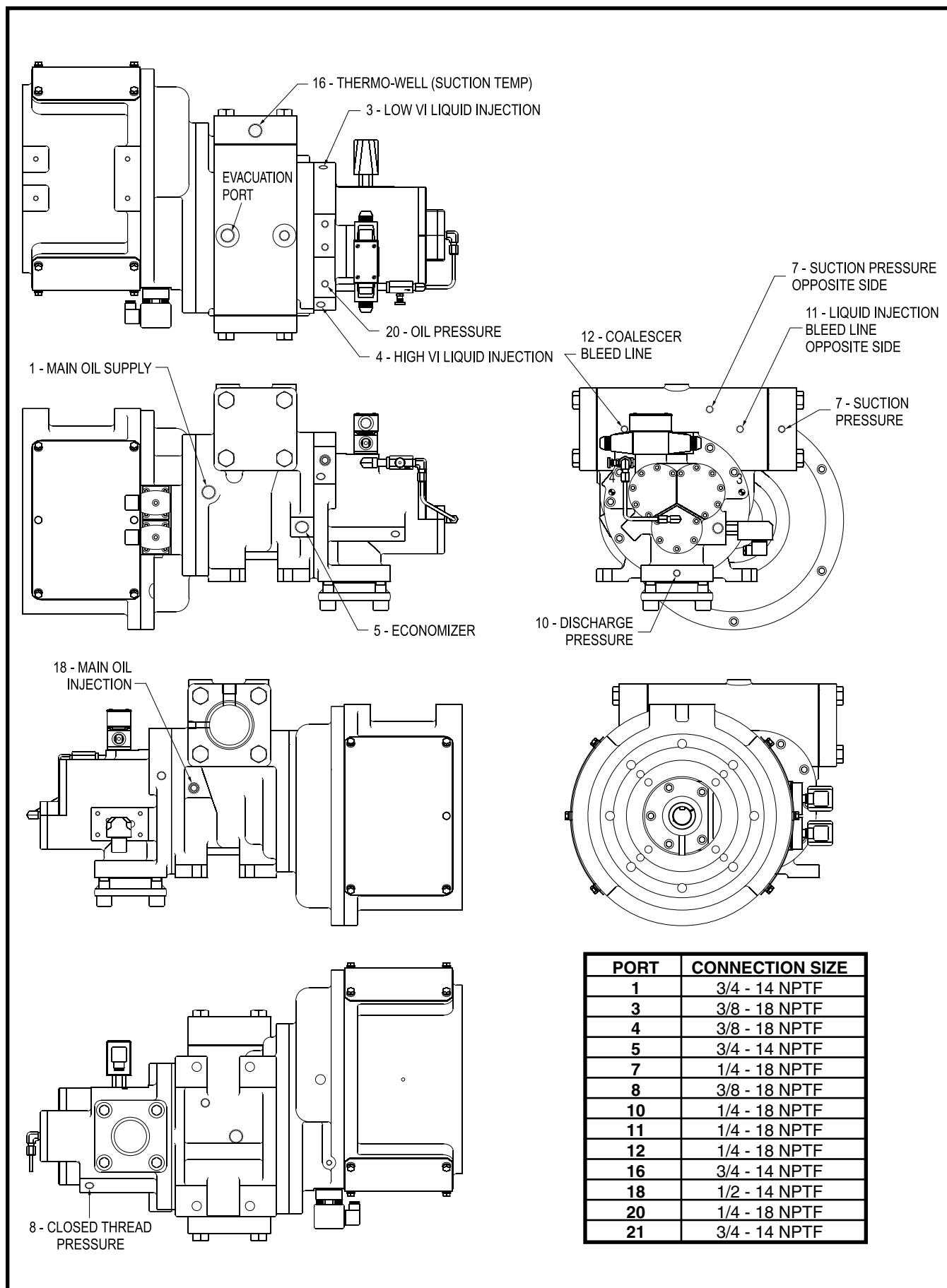
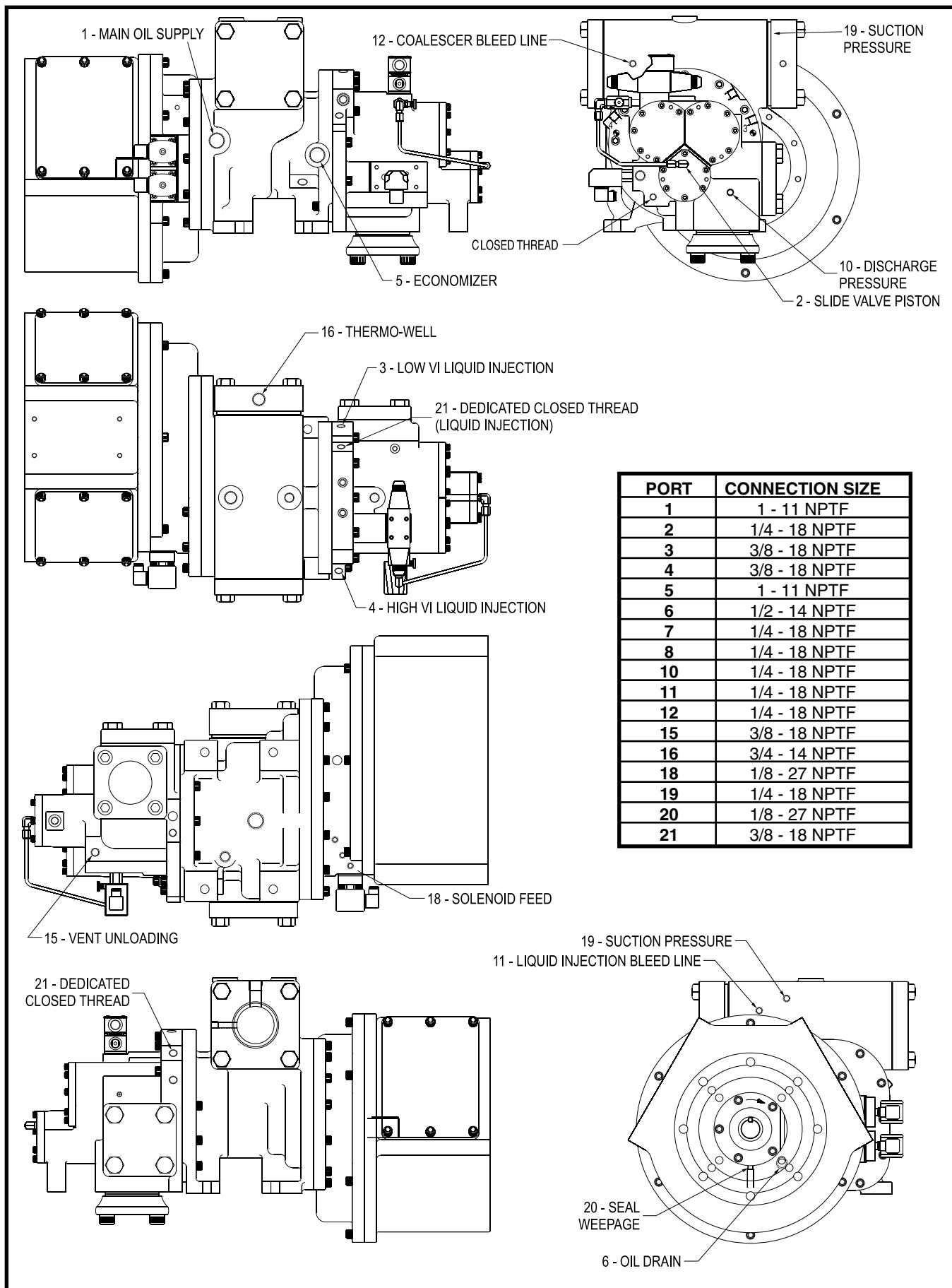


Figure 22. RXF 12—19, XJF 95 Port Locations.



**Figure 23. RXF 24—50, XJF 120 Port Locations.**

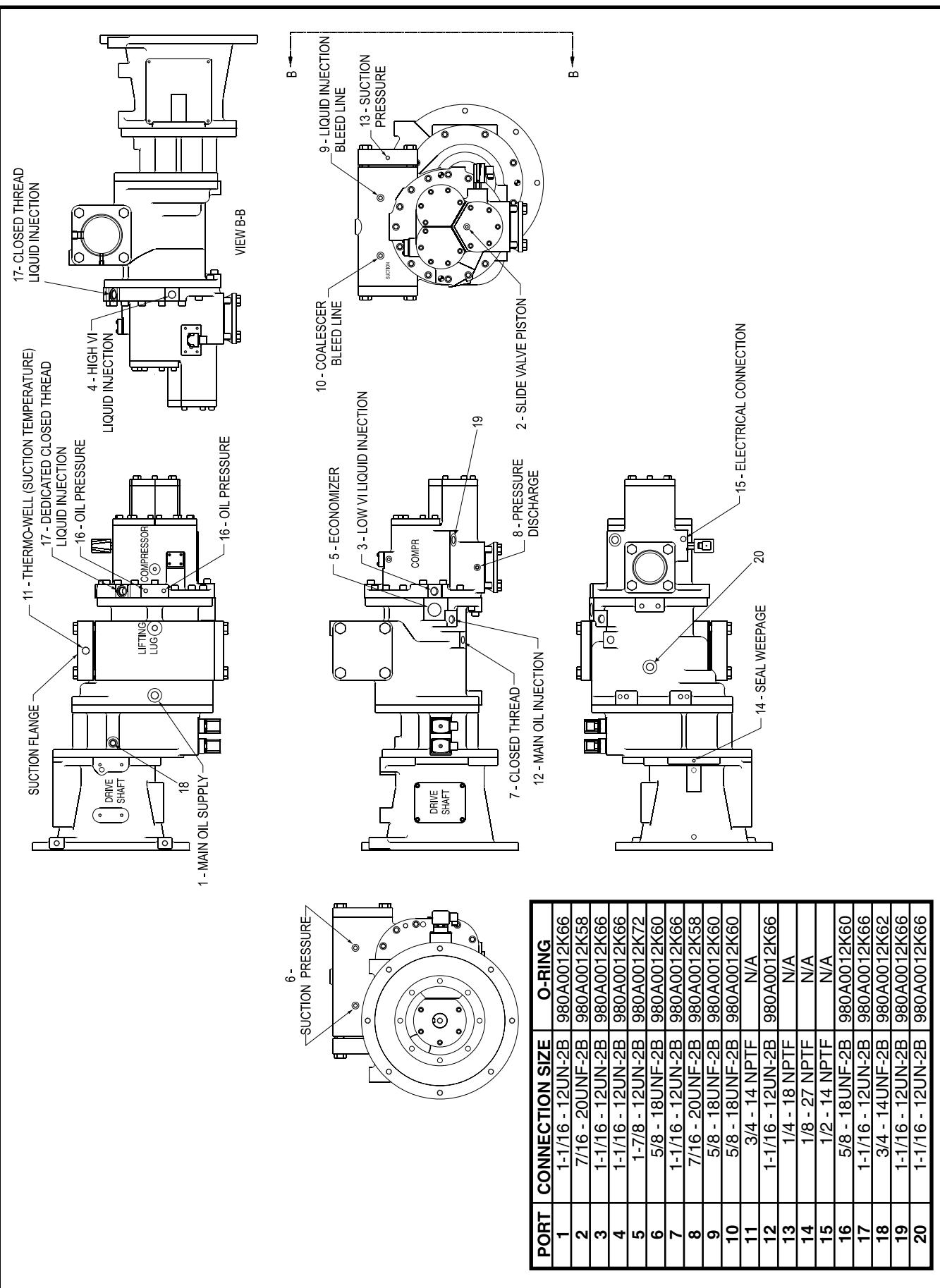


Figure 24. RXF 58—101, XJF 151 Port Locations & O-rings.

MISCELLANEOUS TUBING AND CONNECTORS	
111Q0350059	Connection, 1/2 ODF x 3/8" MPT
111Q0350715	Connection, 1/2 ODF x 1'2" MPT
111Q0350956	Connection, 1/2 ODF x 3/4" MPT
111Q0350958	Elbow, 3/4 ODT x 3/4" MPT
111Q0350970	Connection, Steel, 3/4 ODF x 3/4" MPT
111Q0350990	Connection, 1" ODF x 1" MPT
111Q0351015	Connection, Steel, 3/4 ODF x 1" MPT
111Q0351034	Connection, Steel, 3/4 ODF x 1/2" MPT
111Q0351098	Connection, 1" ODT x 1" FPT
111Q0880123	Tubing, Steel, 1/2 x .035" wall
111Q0880127	Tubing, Steel, 3/4 x .049" wall
111Q0880337	Tubing, Stainless Steel, 3/8 x .035" wall
111Q0880339	Tubing, Steel, 1 x .049" wall
111Q0880452	Tubing, Stainless Steel, 1/4 x .035" wall
333Q0000012	Connection, 3/4 ODT x 3/4" FPT
333Q0000467	Connection, Bulkhead, 1/4 ODT x 1/4" MPT
944A0113H01	Elbow, Stainless Steel, 1/4 ODT x 1/8" MPT
944A0113H02	Elbow, Stainless Steel, 1/4 ODT x 1/4" MPT
944A0113H03	Elbow, Stainless Steel, 3/8 ODT x 1/4" MPT
944A0113H05	Connection, 1/2 ODF x 3/8" MPT
944A0116H02	Connection, Stainless Steel, 1/4 ODT x 1/4" MPT
944A0116H05	Connection, Stainless Steel, 3/8 ODT x 1/4" MPT
944A0116H06	Connection, Stainless Steel, 3/8 ODT x 1/8" MPT
944A0116H07	Connection, Stainless Steel, 3/8 ODT x 3/8" MPT
944A0117H01	Connection, 1/4 OD x 1/8" FPT
944A0118H02	Union, Stainless Steel, 3/8" ODT
944A0119H02	Tee Union, Stainless Steel, 3/8" Tube
944A0121H03	Tee, Female, Branch, Stainless Steel, 3/8 x 1/4 FPT x 3/8"
944A0122H02	Tee, Stainless Steel, 1/4 x 1/4" MPT
944A0197H02	Tee, Male Run, 1/4 MPT x 1/4" FPT
944A0197H03	Tee, Male Run, 3/8 MPT x 3/8" FPT
944A0211H02	Elbow, Street, 1/4"
944A0235H12	Connector, Male, 1" ODT x 1-1/16-12 SAE (O-ring 980A0012K66)
944A0246H01	Adapter, 9/16-18 SAE x 1/4 NPTF (O-ring 980A0012K60)
944A0248H02	Elbow, 1/4" ODT x 7/16-20 SAE (O-ring 980A0012K58)
944A0248H04	Elbow, 3/8" ODT x 9/16-18 SAE (O-ring 980A0012K60)
944A0288H08	Elbow, 3/4" ODT x 1-1/16-12 SAE (O-ring 980A0012K66)
944A0439H01	Nipple, 1/4-18 x 1-1/2", SS
944A0439H02	Nipple, 1/4-18 x 2", SS
944A0439H03	Nipple, 1/4-18 x 3", SS
944A0439H04	Nipple, 3/8-18 x 2", SS

ITEM NUMBER	FIG. & INDEX NO.	ITEM NUMBER	FIG. & INDEX NO.	ITEM NUMBER	FIG. & INDEX NO.
111Q0043229	3—22	535A0356H01	7—6	720M0151G03	10—3
111Q0351038	10—12	535A0378H01	12—3	720M0151G04	10—3
111Q0351039	10—12	535A0509H01	1—1	720M0151G05	10—3
111Q0351068	10—12	535A0509H01	20—1	901A0085H04	3—20
111Q0740740	3—20	535C0513H01	13—1	901A0085H04	4—17
111Q0740741	3—14	540D0217G02	5—8	901A0085H19	3—11
111Q0740772	3—14	540D0217G02	6—11	901A0085H19	4—11
111Q0740781	4—14	540D0217G02	6—11	901A0089H01	3—26
111Q0740878	4—3	540D0217G03	6—9	901A0098H13	5—2
333Q0000738	3—20	540D0217G03	6—9	901A0099H09	5—2
333Q0000738	4—17	540D0217H06	5—7	901A0172H03	8—9
531A0105H03	6—1	540D0217H06	6—7	901A0172H03	11—7
531A0105H04	6—1	540D0217H06	6—7	901A0234H20	3—3
531A0139H01	10—10	548A0068G01	5—9	902A0021H01	5—5
531A0224H02	12—1	548C0147G02	5—9	902A0021H01	6—8
531B0099H01	6—10	548C0150G02	5—8	902A0021H01	6—8
531B0099H01	6—10	548C0509H02	5—1	902A0021H02	5—3
531B0099H02	5—10	548C0509H05	5—1	905A0012H05	5—6
531B0099H03	5—10	580C0424G10	6—12	905A0012H05	6—6
534A0032H02	4—21	580C0425G10	6—12	905A0012H05	6—6
534A0506H01	3—20	580C0426G10	6—12	913A0047H01	5—11
534A0506H01	4—17	580C0440G10	6—12	913A0047H01	6—16
534A0566H01	4—16	639A0151G01	1—15	913A0047H01	20—14
534A0567H01	4—16	639A0151G01	2—13	913A0047H02	5—11
534A0883H01	3—17	639A0151G01	5—15	913A0047H02	6—16
534A0980G01	3—22	639A0151G01	20—11	913A0047H02	20—14
534B0527H01	4—4	639A0151G01	21—12	913A0047H03	5—11
534B0986H01	3—15	639A0151H01	2—13	913A0047H03	6—16
534B0987H01	3—15	639A0151H01	5—15	913A0047H03	20—14
534B1023H01	4—19	639A0151H01	6—15	913A0047H04	5—11
534B1088H01	3—23	639A0151H01	20—11	913A0047H04	6—16
534B1092H01	3—24	639A0151H01	21—12	913A0047H04	20—14
534C0408G01	3—4	649A0890H01	6—15	913A0092G01	21—6
534C0428G01	3—4	649A0890H01	10—12	913A0092G02	21—6
534C0660H01	3—19	649A0890H01	18—2	913A0092G03	21—6
534C0709H01	3—19	649A0890H01	19—2	913A0092G04	21—6
534C1011H01	3—19	649A0890H01	20—11	913A0098H01	5—16
534C1552H01	3—18	649A0890H01	21—12	913A0098H01	6—15
534C1552H01	4—22	649A0890H02	3—9	913A0098H01	21—12
534C1868H01	3—27	649A0890H02	4—9	913A0100H01	6—15
534C1870H01	3—27	649A0890H11	6—15	913A0100H01	20—11
534C1872H01	3—27	649A0890H11	18—2	913A0100H01	21—12
534C1874H01	3—27	649A0890H11	19—2	913A0123H01	5—17
534C1972H01	3—10	649A0890H11	20—11	913A0123H01	6—12
534C1972H01	4—10	649A0890H11	21—12	913A0123H11	5—17
534D0349C01	3—28	649D5468H01	19—1	913A0123H11	6—12
534E0273C01	3—25	649D5469H01	19—2	913A0146H01	15—1
534E0437C01	3—25	649D5489H01	18—1	913A0146H01	20—18
534E0521C01	4—15	649D5490H01	18—2	913A0146H01	21—17
534M0602G02	4—18	720B0030H05	2—10	913A0146H02	15—1
535A0009G01	1—23	720B0030H21	1—13	913A0146H02	20—18
535A0009G01	2—17	720B0030H21	2—10	913A0146H02	21—17
535A0354H02	1—2	720B0030H51	1—13	914A0015H01	8—10
535A0354H02	20—2	720M0151G01	10—3	914A0015H01	9—1
535A0356H01	1—22	720M0151G02	10—3	914A0015H01	11—8

ITEM NUMBER	FIG. & INDEX NO.	ITEM NUMBER	FIG. & INDEX NO.	ITEM NUMBER	FIG. & INDEX NO.
914A0015H05	8—10	950A0075H46	21—4	950A0232H22	21—7
914A0015H05	9—1	950A0075H48	21—4	950A0232H31	20—5
914A0015H05	11—8	950A0190H01	10—4	950A0232H31	20—7
914A0015H06	8—10	950A0190H01	10—4	950A0232H31	20—13
914A0015H06	9—1	950A0190H01	10—4	950A0232H32	20—4
914A0015H06	11—8	950A0190H02	10—4	950A0232H32	20—5
944A0108H05	8—7	950A0190H02	10—4	950A0232H32	21—5
944A0108H05	11—5	950A0190H02	10—4	950A0232H32	21—7
944A0117H01	10—12	950A0190H11	10—4	950A0232H41	20—5
944A0246H19	14—5	950A0190H13	10—4	950A0232H41	20—7
944A0308H08	1—21	950A0190H15	10—4	950A0232H41	20—13
944A0308H08	7—5	950A0195H01	21—3	950A0232H42	20—4
944A0358H04	3—12	950A0195H03	21—3	950A0232H42	20—5
944A0358H05	3—12	950A0195H11	21—3	950A0232H42	21—5
944A0358H06	4—13	950A0195H12	21—3	950A0232H42	21—7
944A0360G10	14—4	950A0215G01	10—4	950A0233H01	5—12
944A0360G11	14—4	950A0215G01	10—4	950A0233H01	10—2
947A0003H04	5—14	950A0215G01	10—4	950A0233H01	20—7
947A0003H04	6—2	950A0215G02	10—4	950A0233H01	21—18
947A0010H01	10—4	950A0215G02	10—4	950A0233H02	5—12
947A0010H02	10—4	950A0215G02	10—4	950A0233H02	7—4
947A0010H02	10—4	950A0232H21	1—14	950A0233H02	10—2
950A0001H05	14—2	950A0232H21	2—11	950A0233H02	20—13
950A0001H06	14—2	950A0232H21	5—12	950A0233H03	1—20
950A0001H08	14—2	950A0232H21	5—12	950A0233H03	5—12
950A0012H01	10—5	950A0232H21	6—4	950A0233H03	6—5
950A0019H01	1—12	950A0232H21	7—4	950A0233H03	9—4
950A0019H01	10—5	950A0232H21	10—1	950A0233H03	21—7
950A0019H01	20—6	950A0232H21	10—1	950A0233H04	14—3
950A0019H01	21—9	950A0232H21	10—1	950A0233H04	21—5
950A0019H02	20—6	950A0232H21	10—1	950A0233H05	2—14
950A0019H02	21—9	950A0232H21	10—2	950A0233H05	8—2
950A0019H03	20—6	950A0232H21	10—2	950A0233H05	11—1
950A0019H03	21—9	950A0232H21	10—2	950A0233H05	13—2
950A0019H04	1—12	950A0232H21	10—2	950A0233H05	14—3
950A0019H04	10—5	950A0232H21	20—5	950A0233H05	21—5
950A0019H04	20—6	950A0232H21	20—7	950A0233H51	20—5
950A0019H04	21—9	950A0232H21	20—13	950A0233H51	20—7
950A0029G31	7—3	950A0232H21	21—18	950A0233H51	20—13
950A0029H21	7—3	950A0232H22	1—19	950A0233H52	20—4
950A0054H01	10—5	950A0232H22	1—20	950A0233H52	20—5
950A0054H04	10—5	950A0232H22	1—20	950A0233H52	21—5
950A0069H03	10—5	950A0232H22	2—14	950A0233H52	21—7
950A0069H04	10—5	950A0232H22	5—12	950A0233H61	20—5
950A0069H05	10—5	950A0232H22	6—5	950A0233H61	20—7
950A0069H21	10—5	950A0232H22	7—7	950A0233H61	20—13
950A0069H22	10—5	950A0232H22	8—2	950A0233H62	20—4
950A0069H23	10—5	950A0232H22	9—4	950A0233H62	20—5
950A0069H33	10—5	950A0232H22	10—1	950A0233H62	21—5
950A0069H34	10—5	950A0232H22	11—1	950A0233H62	21—7
950A0069H35	10—5	950A0232H22	13—2	950A0237H01	10—2
950A0075H06	21—4	950A0232H22	14—3	950A0237H02	10—2
950A0075H08	21—4	950A0232H22	20—4	950A0237H02	20—5
950A0075H26	21—4	950A0232H22	20—5	950A0237H03	1—19
950A0075H28	21—4	950A0232H22	21—5	950A0237H03	7—7

ITEM NUMBER	FIG. & INDEX NO.	ITEM NUMBER	FIG. & INDEX NO.	ITEM NUMBER	FIG. & INDEX NO.
950A0237H03	20—5	951A0020H11	10—13	954A0070H18	10—11
950A0240H07	1—18	951A0020H16	10—13	954A0070H18	10—11
950A0240H08	1—18	951A0053H01	10—12	954A0070H19	10—11
950A0240H09	2—12	951A0056H34	4—1	954A0070H19	10—11
950A0240H10	2—12	951A0092H01	4—1	954A0070H19	10—11
950A0241H07	1—18	951A0092H02	4—1	955B0005H01	5—13
950A0241H07	20—8	951A0092H03	4—1	955B0005H01	6—14
950A0241H08	1—18	951A0092H04	4—2	955B0005H01	21—14
950A0241H08	20—8	951A0092H05	4—2	955B0005H02	5—13
950A0241H09	2—12	951A0092H06	4—2	955B0005H02	6—14
950A0241H09	20—8	951A0095H01	10—12	955B0005H02	21—14
950A0241H09	21—10	951A0095H02	10—12	955B0005H03	6—14
950A0241H10	2—12	951A0113H20	3—1	955B0005H03	21—14
950A0241H10	21—10	951A0114H01	3—1	956A0012G03	8—6
950A0245H01	10—1	951A0114H02	3—1	956A0012G03	11—4
950A0245H02	10—1	951A0114H05	3—2	956A0012G07	9—5
950A0245H03	1—20	951A0114H06	3—2	956A0014H01	8—11
950A0245H03	10—1	951A0115G01	3—8	956A0014H01	9—6
950A0245H03	20—4	951A0115G01	4—8	956A0014H01	11—9
950A0249H01	10—1	951A0115G02	3—8	956A0015H03	4—6
950A0249H02	10—1	951A0115G02	4—8	956A0025H22	14—1
950A0282H01	20—15	951A0115H10	3—8	956A0025H23	14—1
950A0282H11	20—15	951A0115H10	4—8	956A0025H28	14—1
950A0292H01	1—16	952A0051H10	5—13	956A0051H01	3—6
950A0292H01	2—15	952A0051H10	6—13	956A0051H01	20—9
950A0292H01	3—21	952A0051H10	20—10	956A0051H02	3—6
950A0292H01	7—2	952A0051H10	21—13	956A0051H02	20—9
950A0292H01	8—4	952A0052H10	5—13	956A0051H03	3—6
950A0292H01	10—7	952A0052H10	6—13	956A0051H03	20—9
950A0292H01	11—2	952A0052H10	20—10	956A0051H04	21—11
950A0292H01	13—3	952A0052H10	21—13	956A0052H01	1—17
950A0292H01	15—2	952A0053H09	21—13	956A0052H01	2—16
950A0292H01	20—3	952A0053H10	6—13	956A0052H01	20—17
950A0292H01	21—2	952A0055H07	21—13	956A0052H01	21—16
950A0292H02	10—8	952A0062H10	6—13	956A0052H02	1—17
950A0292H03	20—16	954A0008H01	10—6	956A0052H02	2—16
950A0293H01	3—8	954A0008H02	10—6	956A0052H02	20—17
950A0293H01	4—8	954A0062H03	21—15	956A0052H02	21—16
950A0293H02	3—8	954A0062H23	21—15	956A0053H01	20—17
950A0293H02	4—8	954A0062H28	21—15	956A0053H01	20—17
950A0294H01	8—3	954A0062H33	21—15	956A0053H01	21—16
950A0294H11	8—3	954A0062H38	21—15	956A0053H01	21—16
950A0296H01	7—3	954A0070H01	10—11	959A0054H07	3—7
950A0296H11	7—3	954A0070H02	10—11	959A0054H08	3—5
950A0319H01	1—11	954A0070H03	10—11	959A0054H08	3—7
950A0319H01	1—14	954A0070H11	10—11	959A0054H10	3—5
950A0319H01	2—11	954A0070H12	10—11	959A0054H10	3—7
950A0319H01	6—4	954A0070H13	10—11	959A0054H11	4—7
950A0320H03	9—3	954A0070H14	10—11	959A0054H23	9—2
950A0320H05	8—5	954A0070H15	10—11	959A0054H25	8—8
950A0320H05	11—3	954A0070H16	10—11	959A0054H25	11—6
950A0320H13	9—3	954A0070H17	10—11	959A0057H04	14—1
950A0320H15	8—5	954A0070H17	10—11	959A0057H04	14—1
950A0320H15	11—3	954A0070H17	10—11	959A0057H04	14—2
951A0020H01	10—13	954A0070H18	10—11	959A0057H04	14—4

ITEM NUMBER	FIG. & INDEX NO.	ITEM NUMBER	FIG. & INDEX NO.	ITEM NUMBER	FIG. & INDEX NO.
959A0057H05	14—1	990A0088H02	8—1		
959A0057H05	14—2	990A0088H03	8—1		
959A0057H05	14—4	990A0088H04	8—1		
959A0057H06	3—13	990A0090H01	8—1		
959A0057H07	14—2	990A0090H02	8—1		
959A0057H09	4—12	990A0090H03	8—1		
959A0057H18	3—13	990A0090H04	8—1		
959A0082H02	12—2	990A0090H05	8—1		
959A0089H02	10—4	990A0090H06	8—1		
959A0089H02	10—4	990A0090H07	8—1		
959A0089H03	10—4	990A0090H08	8—1		
959A0090H02	5—4				
959A0090H05	5—4				
960A0066H11	8—10				
960A0066H11	11—8				
960A0068H11	9—1				
960A0068H11	9—1				
960A0068H11	9—1				
960A0075H41	9—1				
960A0075H41	9—1				
960A0075H41	9—1				
960A0076H41	8—10				
960A0076H41	11—8				
960A0082G01	8—10				
960A0082G01	11—8				
960A0082G02	8—10				
960A0082G02	11—8				
960A0082G03	8—10				
960A0082G03	11—8				
960A0082H01	8—10				
960A0082H01	11—8				
960A0090G01	9—1				
960A0090G02	9—1				
960A0090G03	9—1				
960A0090H01	9—1				
960A0090H01	9—1				
960A0090H01	9—1				
980A0012B91	4—5				
980A0012K60	10—15				
980A0012K62	3—16				
980A0012K62	4—20				
980A0012K66	10—14				
980A0012K72	14—6				
980A0012K74	10—14				
980A0012K74	10—15				
990A0011H02	10—9				
990A0087H01	7—1				
990A0087H02	7—1				
990A0087H03	7—1				
990A0087H04	7—1				
990A0087H05	7—1				
990A0087H06	7—1				
990A0087H07	7—1				
990A0087H08	7—1				
990A0088H01	8—1				

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