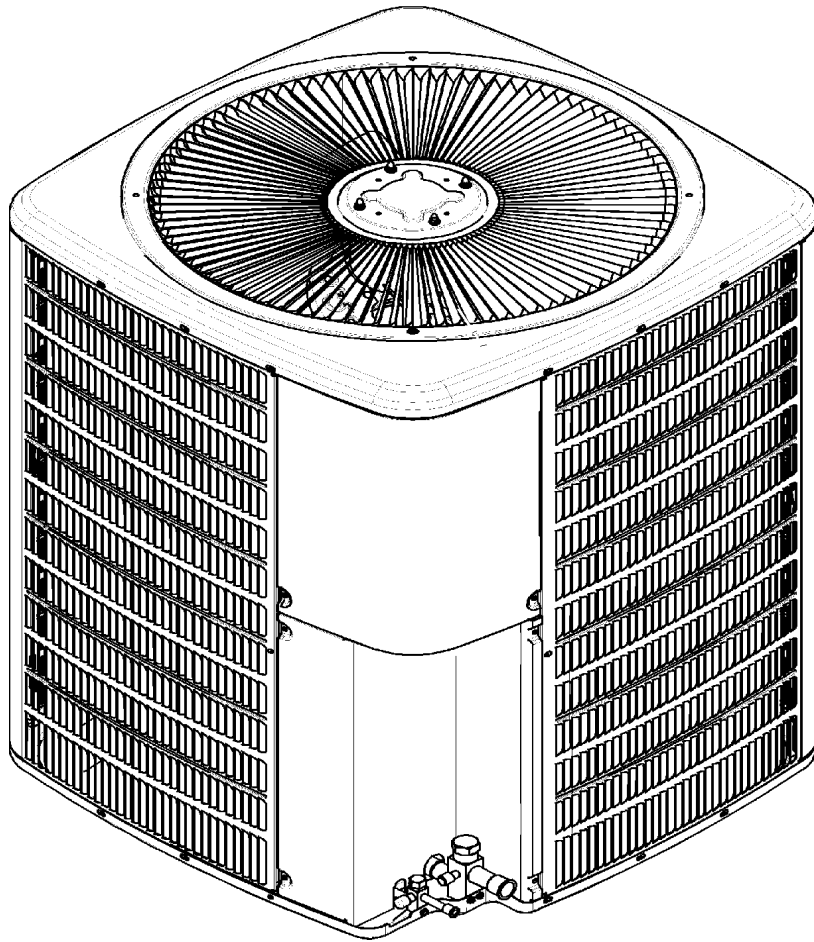


REPAIR PARTS

SSZ14 R-410A Remote Heat Pumps

SSZ140181AA
SSZ140181AB
SSZ140241AA
SSZ140241AB
SSZ140241AC
SSZ140241AD
SSZ140241AE
SSZ140301AA
SSZ140301AB
SSZ140301AC
SSZ140361AA
SSZ140361AB
SSZ140361AC
SSZ140361AD
SSZ140361AE
SSZ140361AF
SSZ140421AA
SSZ140421AB
SSZ140421AC
SSZ140421AD
SSZ140481AA
SSZ140481AB
SSZ140481AC
SSZ140481AD
SSZ140601AA
SSZ140601AB
SSZ140601AC
SSZ140601AD



This manual is to be used by qualified technicians only.

This manual replaces RP-358D.

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Important Information

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Views shown are for parts illustrations only, not servicing procedures.

Rev. E: Contactor CONT2P030024VS changed to CONT2P025024VS.
Contactor CONT1P030024VS changed to CONT2P030024VS.
Low Pressure Cut Out Switch 0130R00001 changed to 0130R00000S.
Compressor ZP32K3EPFV930 changed to ZP31K5EPFV830
Changed M3, M4, and M6 Cond Motor from 0130M00016PS to 0130M00060S.

Text Codes:

AR - As Required

NA - Not Available

NS - Not Shown

00000000 - See Note

QTY - Quantity Example (QTY 3) (If Quantity not shown, Quantity = 1)

M - Model Example (M1) (If M Code not shown, then part is used on all Models)

Expanded Model Nomenclature:

Example

M1 - Model#1

M2 - Model#2

M3 - Model#3

Goodman Manufacturing Company, L.P. is not responsible for personal injury or property damage resulting from improper service. Review all service information before beginning repairs.

Warranty service must be performed by an authorized technician, using authorized factory parts. If service is required after the warranty expires, Goodman Manufacturing Company, L.P. also recommends contacting an authorized technician and using authorized factory parts.

Goodman Manufacturing Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

For assistance within the U.S.A. contact:

Consumer Affairs Department

Goodman Manufacturing Company, L.P.

7401 Security Way

Houston, Texas 77040

877-254-4729-Telephone

713-863-2382-Facsimile

For assistance outside the U.S.A. contact:

International Division

Goodman Manufacturing Company, L.P.

7401 Security Way

Houston, Texas 77040

713-861-2500-Telephone

713-863-2382-Facsimile

Functional Parts

Part

No: Description:

Expanded Model Nomenclature

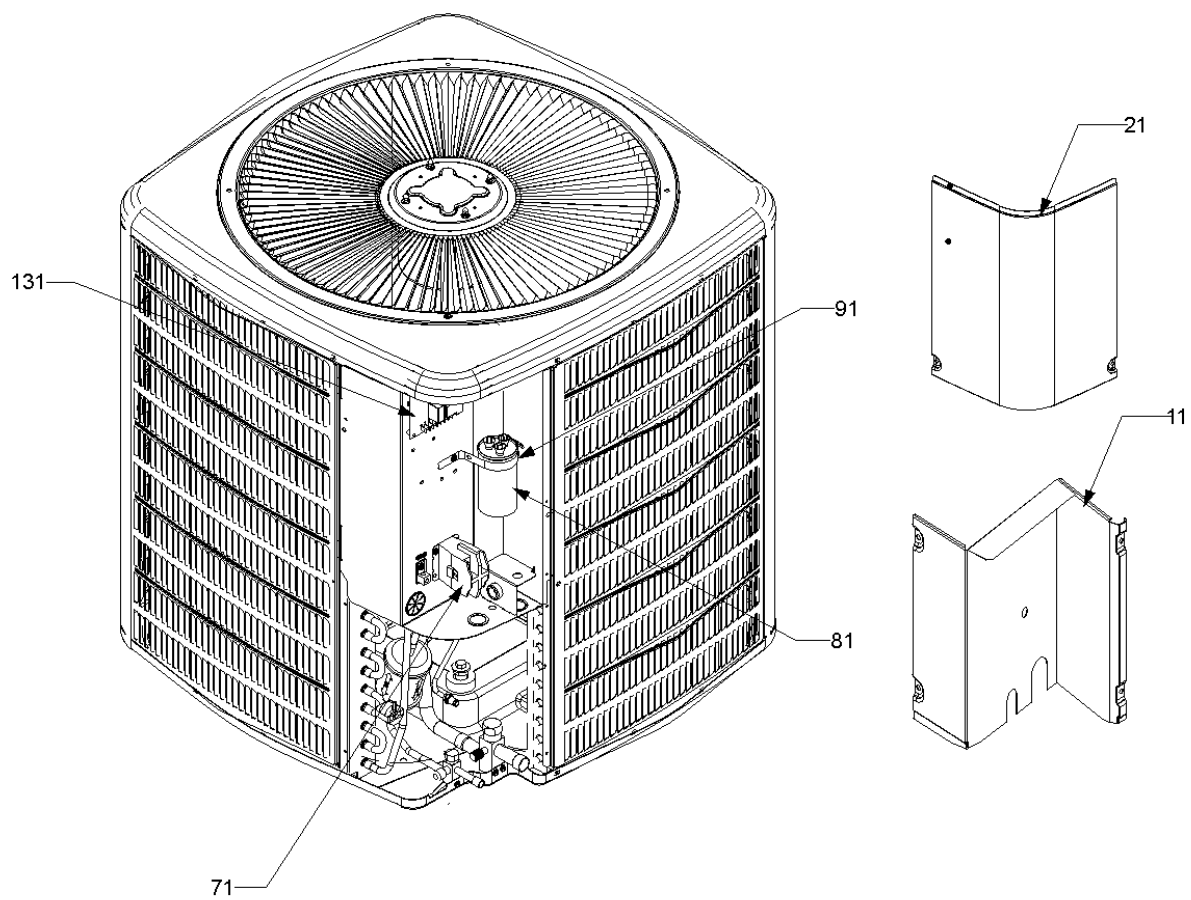
CAP050300370RSS	CAPACITOR 5/30/370V [CONTROL BOX] (M1, M2)
CAP050400370RSS	CAPACITOR 5/40/370V [CONTROL BOX] (M3, M4, M5, M6, M7, M8, M9, M10)
CAP050450370RSS	CAPACITOR 5/45/370V [CONTROL BOX] (M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24)
CAP050700370RTS	CAPACITOR 5/70/370V [CONTROL BOX] (M25, M26, M27, M28)
ZP16K5EPFV830	COMPRESSOR 15500, 208/230/60/1 (M1, M2)
ZP21K5EPFV830	COMPRESSOR 21300, 208/230/60/1 (M3, M4, M5, M6, M7)
ZP25K5EPFV830	COMPRESSOR 25200, 208/230/60/1 (M8, M9, M10)
ZP31K5EPFV830	COMPRESSOR 31100, 208/230/60/1 (M11, M12, M13, M14, M15, M16)
ZP34K5EPFV830	COMPRESSOR 34500, 208/230/60/1 (M17, M18, M19, M20)
ZP39K5EPFV830	COMPRESSOR 39000, 208/230/60/1 (M21, M22, M23, M24)
ZP51K5EPFV830	COMPRESSOR 51000, 208/230/60/1 (M25, M26, M27, M28)
0131M00019PS	COND MOTOR 1/12 HP, 1 SP, 8 PL (M1, M2)
0131M00014PS	COND MOTOR 1/4 HP, 1 SP, 8 PL (M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)
0131M00060S	COND MOTOR 1/6 HP, 1 SP, 8 PL (M3, M4, M5, M6, M7)
0131M00012PS	COND MOTOR 1/6 HP, 1 SP, 8 PL (M8, M9, M10)
CONT2P025024VS	CONTACTOR 25 AMP, 2P, 24V (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20)
CONT2P030024VS	CONTACTOR 30 AMP, 2P, 24V (M21, M22, M23, M24, M25, M26, M27, M28)
20322603	CUT-OUT SWITCH, HIGH PRESSURE
0130R00000S	CUT-OUT SWITCH, LOW PRESSURE
PCBDM101S	DEFROST CONTROL BOARD
B1370803	DEFROST THERMOSTAT

M1 - SSZ140181AA
M2 - SSZ140181AB
M3 - SSZ140241AA
M4 - SSZ140241AB
M5 - SSZ140241AC
M6 - SSZ140241AD
M7 - SSZ140241AE
M8 - SSZ140301AA
M9 - SSZ140301AB
M10 - SSZ140301AC
M11 - SSZ140361AA
M12 - SSZ140361AB
M13 - SSZ140361AC
M14 - SSZ140361AD
M15 - SSZ140361AE
M16 - SSZ140361AF
M17 - SSZ140421AA
M18 - SSZ140421AB
M19 - SSZ140421AC
M20 - SSZ140421AD
M21 - SSZ140481AA
M22 - SSZ140481AB
M23 - SSZ140481AC
M24 - SSZ140481AD
M25 - SSZ140601AA
M26 - SSZ140601AB
M27 - SSZ140601AC
M28 - SSZ140601AD

SPECIAL PARTS

IO-259G	INSTALLATION INSTRUCTIONS
0161R00009P	NAMEPLATE
RP-358E	REPAIR PARTS MANUAL

Control Panel Assembly



Control Panel Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
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Image 1:

11	4400202PDG	LOWER ACCESS PANEL (M1, M2, M21, M22, M23, M24)
11	4400205PDG	LOWER ACCESS PANEL (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M25, M26, M27, M28)
21	0121R00053PDG	CONTROL COVER
71	CONT2P025024VS	CONTACTOR 25 AMP, 2P, 24V (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20)
71	CONT2P030024VS	CONTACTOR 30 AMP, 2P, 24V (M21, M22, M23, M24, M25, M26, M27, M28)
81	CAP050300370RSS	CAPACITOR 5/30/370V [CONTROL BOX] (M1, M2)
81	CAP050400370RSS	CAPACITOR 5/40/370V [CONTROL BOX] (M3, M4, M5, M6, M7, M8, M9, M10)
81	CAP050450370RSS	CAPACITOR 5/45/370V [CONTROL BOX] (M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24)
81	CAP050700370RTS	CAPACITOR 5/70/370V [CONTROL BOX] (M25, M26, M27, M28)
91	4400065	CAPACITOR STRAP
131	PCBDM101S	DEFROST CONTROL BOARD
NS	0161R00009P	NAMEPLATE

Expanded Model Nomenclature

M1 - SSZ140181AA
M2 - SSZ140181AB
M3 - SSZ140241AA
M4 - SSZ140241AB
M5 - SSZ140241AC
M6 - SSZ140241AD
M7 - SSZ140241AE
M8 - SSZ140301AA
M9 - SSZ140301AB
M10 - SSZ140301AC
M11 - SSZ140361AA
M12 - SSZ140361AB
M13 - SSZ140361AC
M14 - SSZ140361AD
M15 - SSZ140361AE
M16 - SSZ140361AF
M17 - SSZ140421AA
M18 - SSZ140421AB
M19 - SSZ140421AC
M20 - SSZ140421AD
M21 - SSZ140481AA
M22 - SSZ140481AB
M23 - SSZ140481AC
M24 - SSZ140481AD
M25 - SSZ140601AA
M26 - SSZ140601AB
M27 - SSZ140601AC
M28 - SSZ140601AD

Basepan/Compressor/Tubing Assembly

Image 1

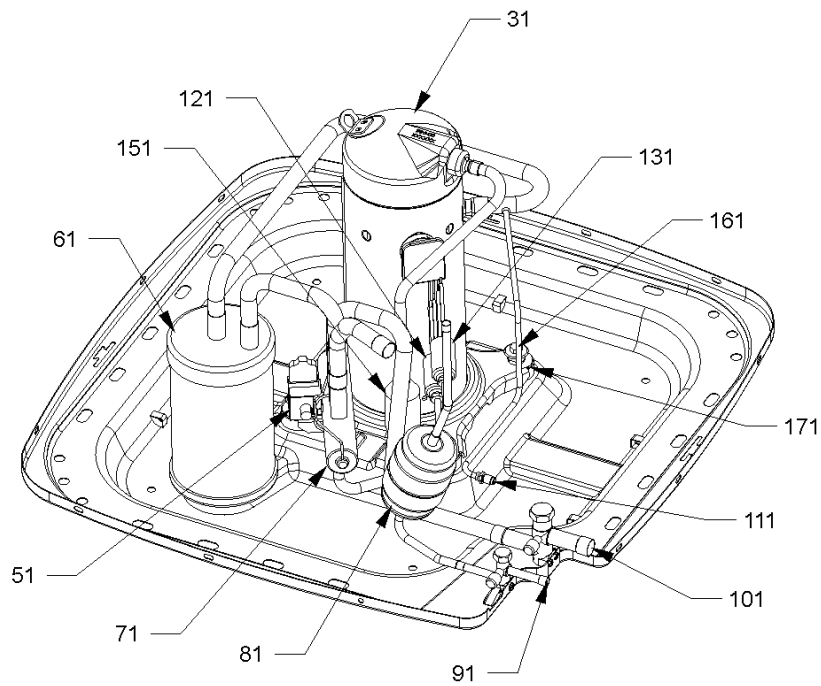
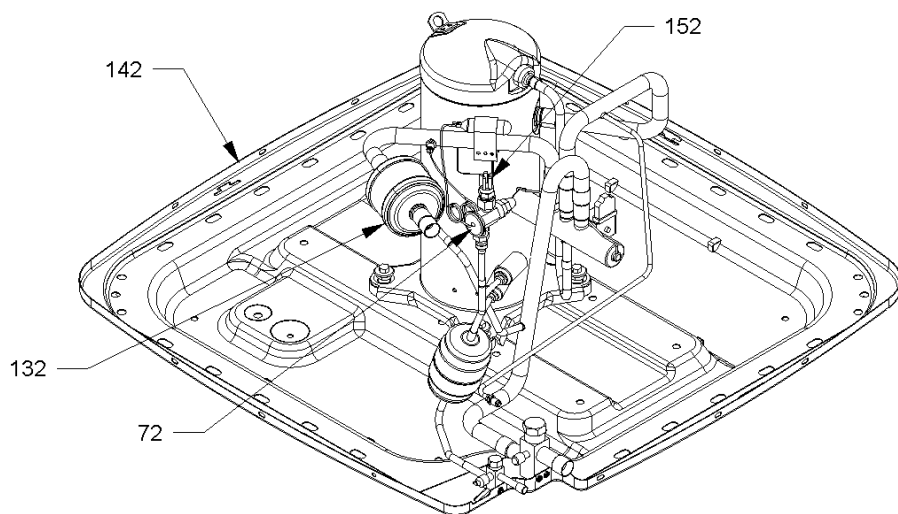


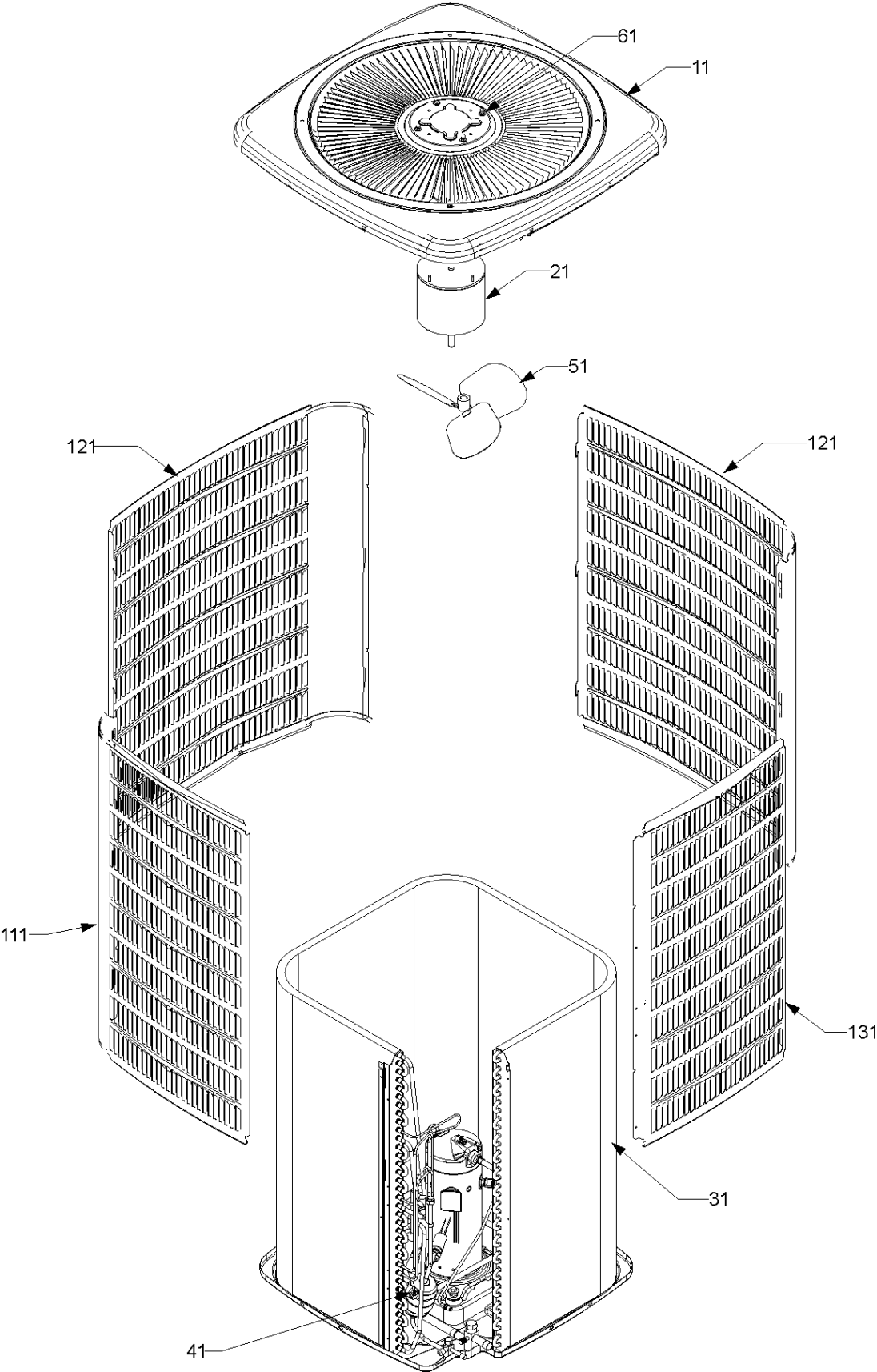
Image 2



Basepan/Compressor/Tubing Assembly

Ref. Part No: No: Description:			Ref. Part No: No: Description:		
Image 1:			Image 2:		
31	ZP16K5EPFV830	COMPRESSOR 15500, 208/230/60/1 (M1, M2)	132	0151R00005	COMPENSATOR 16 OZ (M11, M12, M13, M14, M15, M17, M18, M19, M21, M22, M23, M25, M26, M27)
31	ZP21K5EPFV830	COMPRESSOR 21300, 208/230/60/1 (M3, M4, M5, M6, M7)			
31	ZP25K5EPFV830	COMPRESSOR 25200, 208/230/60/1 (M8, M9, M10)	142	0121R00006PDG	BASE PAN 29" (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10)
31	ZP31K5EPFV830	COMPRESSOR 31100, 208/230/60/1 (M11, M12, M13, M14, M15, M16)	142	0121R00007PDG	BASE PAN 35" (M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)
31	ZP34K5EPFV830	COMPRESSOR 34500, 208/230/60/1 (M17, M18, M19, M20)			
31	ZP39K5EPFV830	COMPRESSOR 39000, 208/230/60/1 (M21, M22, M23, M24)	152	0162M00024	FLOWRATOR .041 (M1, M2)
			152	0162M00033	FLOWRATOR .047 (M3, M4, M5, M6, M7)
31	ZP51K5EPFV830	COMPRESSOR 51000, 208/230/60/1 (M25, M26, M27, M28)	152	0162M00035	FLOWRATOR .053 (M8, M9, M10)
			152	0162M00087	FLOWRATOR .053 (M16)
51	B1225020	SOLENOID COIL CORD W/1/4"TERMINAL	152	0162M00070	FLOWRATOR .059 (M20)
61	0151R00004P	ACCUMULATOR .750 (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10)	152	0162M00088	FLOWRATOR .059 (M24)
			152	0162M00085	FLOWRATOR .065 (M28)
61	B1226207	ACCUMULATOR .875 (M16, M20, M24, M28)	152	0162M00027	FLOWRATOR .188 (M11, M12, M13, M14, M15, M17, M18, M19, M25, M26, M27)
71	B1227315S	REVERSING VALVE (M1, M2, M3, M4, M5, M6, M7)			
71	B1227316S	REVERSING VALVE (M8, M9, M10)	152	0162M00036	FLOWRATOR .188 (M21, M22, M23)
71	B1227318S	REVERSING VALVE (M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)	Expanded Model Nomenclature		
			M1 - SSZ140181AA M2 - SSZ140181AB M3 - SSZ140241AA M4 - SSZ140241AB M5 - SSZ140241AC M6 - SSZ140241AD M7 - SSZ140241AE M8 - SSZ140301AA M9 - SSZ140301AB M10 - SSZ140301AC M11 - SSZ140361AA M12 - SSZ140361AB M13 - SSZ140361AC M14 - SSZ140361AD M15 - SSZ140361AE M16 - SSZ140361AF M17 - SSZ140421AA M18 - SSZ140421AB M19 - SSZ140421AC M20 - SSZ140421AD M21 - SSZ140481AA M22 - SSZ140481AB M23 - SSZ140481AC M24 - SSZ140481AD M25 - SSZ140601AA M26 - SSZ140601AB M27 - SSZ140601AC M28 - SSZ140601AD		
81	20485201	BI-FLOW FILTER DRIER			
91	B12825171	3/8" SERVICE VALVE			
101	0151R00002P	3/4" SERVICE VALVE OPEN LEFT (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10)			
101	0151R00003P	7/8" SERVICE VALVE OPEN LEFT (M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)			
111	B1787000	VALVE CORE			
121	0130R00000S	CUT-OUT SWITCH, LOW PRESSURE			
131	20322603	CUT-OUT SWITCH, HIGH PRESSURE			
151	0162R00007	MUFFLER 1/2 X 1/2 (M16, M20, M24, M28)			
151	B1219301	MUFFLER 1/2 X 1/2 (M6, M7, M10, M14, M15)			
161	M0221641	TF SHOULDER SCREW (QTY 4)			
171	B1339533	COMPRESSOR GROMMET (QTY 4)			
NS	0159R00001P	COMPRESSOR SCROLL HARNESS (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10)			
NS	0159R00002P	COMPRESSOR SCROLL HARNESS (M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)			
NS	B1488806S	COMPRESSOR SOUND BLANKET (M17, M18, M19, M21, M22, M23, M25, M26, M27)			
NS	B1488807S	COMPRESSOR SOUND BLANKET (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M20, M24, M28)			
NS	B1488810S	COMPRESSOR SOUND BLANKET (M16)			
NS	B1789871	FLOW CHECK PISTON KIT .071 (M16)			
NS	B1789876	FLOW CHECK PISTON KIT .076 (M20)			
NS	B1789880	FLOW CHECK PISTON KIT .080 (M24)			
NS	B1789888	FLOW CHECK PISTON KIT .088 (M28)			
NS	B1225022S	SOLENOID COIL			
Image 2:					
72	0151M00002	TXV VALVE (M11, M12, M13, M14, M15, M17, M18, M19)			
72	0151M00003	TXV VALVE (M21, M22, M23, M25, M26, M27)			

Cabinet Top/Side Panels



Cabinet Top/Side Panels

Ref. Part No: No:		Description:	Ref. Part No: No: Description:	
<i>Image 1:</i>			Expanded Model Nomenclature	
11	0121R00010PDG	TOP PANEL 29" (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10)	M1 - SSZ140181AA M2 - SSZ140181AB M3 - SSZ140241AA M4 - SSZ140241AB M5 - SSZ140241AC M6 - SSZ140241AD M7 - SSZ140241AE M8 - SSZ140301AA M9 - SSZ140301AB M10 - SSZ140301AC M11 - SSZ140361AA M12 - SSZ140361AB M13 - SSZ140361AC M14 - SSZ140361AD M15 - SSZ140361AE M16 - SSZ140361AF M17 - SSZ140421AA M18 - SSZ140421AB M19 - SSZ140421AC M20 - SSZ140421AD M21 - SSZ140481AA M22 - SSZ140481AB M23 - SSZ140481AC M24 - SSZ140481AD M25 - SSZ140601AA M26 - SSZ140601AB M27 - SSZ140601AC M28 - SSZ140601AD	
11	0121R00012PDG	TOP PANEL 35" (M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)		
21	0131M00019PS	COND MOTOR 1/12 HP, 1 SP, 8 PL (M1, M2)		
21	0131M00014PS	COND MOTOR 1/4 HP, 1 SP, 8 PL (M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)		
21	0131M00012PS	COND MOTOR 1/6 HP, 1 SP, 8 PL (M8, M9, M10)		
21	0131M00060S	COND MOTOR 1/6 HP, 1 SP, 8 PL (M3, M4, M5, M6, M7)		
31	0201R00060S	TUBING ASSY, COND COIL (M21, M22, M23, M24)		
31	0201R00061S	TUBING ASSY, COND COIL (M3, M4, M5, M6, M7)		
31	0201R00062S	TUBING ASSY, COND COIL (M8, M9, M10)		
31	0201R00071S	TUBING ASSY, COND COIL (M1, M2)		
31	0201R00072S	TUBING ASSY, COND COIL (M11, M12, M13, M14, M15, M16, M17, M18, M19, M20)		
31	0201R00073S	TUBING ASSY, COND COIL (M25, M26, M27, M28)		
41	B1370803	DEFROST THERMOSTAT		
51	10625737S	FAN BLADE 22" ALUM CCW (M1, M2)		
51	0150M00008S	FAN BLADE 22" TNT2203-25 (M3, M4, M5, M6, M7, M8, M9, M10)		
51	10625738S	FAN BLADE 26" ALUM CCW (M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)		
61	0163M00006P	ACORN NUT 5/16 HEX BLACK (M1, M2, M3, M4, M5, M6, M7, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)		
61	B1783803	ACORN NUT 5/16 HEX YELLOW ZINC (M8)		
111	0121R00025PDGB	LOUVERED SIDE PANEL (M1, M2)		
111	0121R00027PDGB	LOUVERED SIDE PANEL (M3, M4, M5, M6, M7, M8, M9, M10)		
111	0121R00042PDGB	LOUVERED SIDE PANEL (M21, M22, M23, M24)		
111	0121R00043PDGB	LOUVERED SIDE PANEL (M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M25, M26, M27, M28)		
121	0121R00031PDGB	LOUVERED SIDE PANEL (M1, M2)		
121	0121R00033PDGB	LOUVERED SIDE PANEL (M3, M4, M5, M6, M7, M8, M9, M10)		
121	0121R00046PDGB	LOUVERED SIDE PANEL (M21, M22, M23, M24)		
121	0121R00047PDGB	LOUVERED SIDE PANEL (M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M25, M26, M27, M28)		
131	0121R00037PDG	LOUVERED SIDE PANEL (M1, M2)		
131	0121R00039PDG	LOUVERED SIDE PANEL (M3, M4, M5, M6, M7, M8, M9, M10)		
131	0121R00050PDG	LOUVERED SIDE PANEL (M21, M22, M23, M24)		
131	0121R00051PDG	LOUVERED SIDE PANEL (M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M25, M26, M27, M28)		
NS	0161R00003P	CONDUIT (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10)		
NS	0161R00005P	CONDUIT (M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)		