



REPAIR PARTS

GSZ16 Remote Heat Pump

GSZ160181BD
GSZ160181BE
GSZ160241BC
GSZ160241BD
GSZ160241BE
GSZ160301BC
GSZ160301BD
GSZ160301BE
GSZ160361BB
GSZ160361BC
GSZ160361BD
GSZ160421BB
GSZ160421BC
GSZ160481BB
GSZ160481BC
GSZ160481BD
GSZ160601BB
GSZ160601BC
GSZ160601BD



This manual is to be used by qualified technicians only.

This manual replaces RP-G4304C.

© 2016 - 2017, 2019 Goodman Manufacturing Company, L.P. ♦ 19001 Kermier Rd. ♦ Waller, TX 77484

Important Information

Index

Functional Parts List	3
Illustration and Parts	4 - 9

Views shown are for parts illustrations only, not servicing procedures

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:

Homeowner Support

Goodman Manufacturing Company, L.P.

19001 Kermier Road

Waller, Texas 77484

877-254-4729-Telephone

713-863-2382-Facsimile

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

International Division

Goodman Manufacturing Company, L.P.

19001 Kermier Road

Waller, Texas 77484

713-861-2500-Telephone

713-863-2382-Facsimile

Functional Parts

Part

No: Description:

0151R00194	ADJUSTABLE VALVE, TXV R410A (M14, M15, M16)	0131M00945	MOTOR, 1/6HP, 8PL (M5, M8)
0151R00195	ADJUSTABLE VALVE, TXV R410A (M17, M18, M19)	0131M00038	MOTOR, 1/6HP, 2 SP, 8 PL (M17, M18)
0151R00193	ADJUSTABLE VALVE, TXV R410A (M12, M13)	0131M00754	MOTOR, PSC, 1/6HP, 8PL (M3, M4, M6, M7)
0151R00192	ADJUSTABLE VALVE, TXV R410A (M6, M7, M8)	10135604	RELAY (M17, M18, M19)
0151R00191	ADJUSTABLE VALVE, TXV R410A (M9, M10, M11)	0151R00068	REVERSING VALVE (M3, M4, M5, M6, M7, M8)
0151R00190	ADJUSTABLE VALVE, TXV R410A (M3, M4, M5)	0151R00069	REVERSING VALVE (M1, M2)
0151R00189	ADJUSTABLE VALVE, TXV R410A (M1, M2)	0151R00071	REVERSING VALVE (M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19)
0151R00079	BASE VALVE 3/4" (M1, M2, M3, M4, M5, M6, M7, M8)	B1225022	SOLENOID COIL
0151R00167	BASE VALVE 3/8"		
0151R00080	BASE VALVE 7/8" (M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19)		
10625738	BLADE-FAN 26" ALUM CCW (M9, M14)		
20468101	CABLE-COMPR SOL (M17, M18, M19)		
CAP050300440CS	CAP, 5/30MFD/440V/DUAL RD (M1, M2)		
CAP050350440CS	CAPACITOR 5/35/440V (M3, M4, M5, M6, M7, M8)		
CAP050400440CT	CAPACITOR 5/40/440V/DUAL RD (M17, M18, M19)		
CAP050450440CT	CAPACITOR 5/45/440V/DUAL RD (M9, M10, M11, M12, M13, M14, M15, M16)		
ZP14K6EPFV120	COMP, 20200, 208/230/60/1 (M1, M2)		
ZP20K6EPFV120	COMP, 27200, 208/230/60/1 (M3, M4, M5)		
ZP25K6EPFV120	COMP, 34200, 208/230/60/1 (M6, M7, M8)		
ZP29K6EPFV120	COMP, 39700, 208/230/60/1 (M9, M10, M11)		
ZP34K6EPFV120	COMP, 46500, 208/230/60/1 (M12, M13)		
ZPS49K5EPFV130	COMP, 49100, 208/230/60/1 (M17, M18, M19)		
ZP39K5EPFV130	COMP, 39000, 208/230/60/1 (M14, M15, M16)		
CONT1P025024V	CONTACTOR 25 AMP, 1P, 24V (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11)		
CONT1P030024V	CONTACTOR 30 AMP, 1P, 24V (M12, M13, M14, M15, M16)		
CONT2P040024V	CONTACTOR 40 AMP, 2P, 24V (M17, M18, M19)		
0130M00250	CONTROL, DEFROST		
PCBDM133	DEFROST CONTROL BOARD		
0130M00106	DISC THERMOSTAT(CRNKCS HTR SW)		
0130M00349	DISC-THERMOSTAT (M17, M18, M19)		
0150M00008	FAN BLADE, 22" TNT2203-25 (M1, M2)		
B1086750	FAN BLADE, 22", 3 BLADE, 24 DEG (M12, M13)		
0150M00054	FAN BLADE, 26" (M3, M4, M5, M6, M7, M8, M10, M11, M15, M16, M17, M18, M19)		
0163R00006	HEATER, CRANKCASE 230V, 40W (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11)		
0163R00007	HEATER, CRANKCASE 230V, 40W (M12, M13, M14, M15, M16, M17, M18, M19)		
0130M00089	HIGH PRESSURE SWITCH		
0130M00088	LOW PRESSURE SWITCH		
0131M00813	MOTOR, 1/4HP, 1SP, 6PL (M13)		
0131M00018P	MOTOR, 1/4HP, 1SP, 6PL (M12)		
0131M00061	MOTOR, 1/4HP, 1SP, 8PL (M9, M14)		
0131M00807	MOTOR, 1/4HP, 1SP, 8PL, AL (M10, M11, M15, M16)		
0131M00866	MOTOR, 1/5 HP, 2SP, 8PL (M19)		
0131M00753	MOTOR, 1/6HP, 1SP, 8PL, AL (M1, M2)		

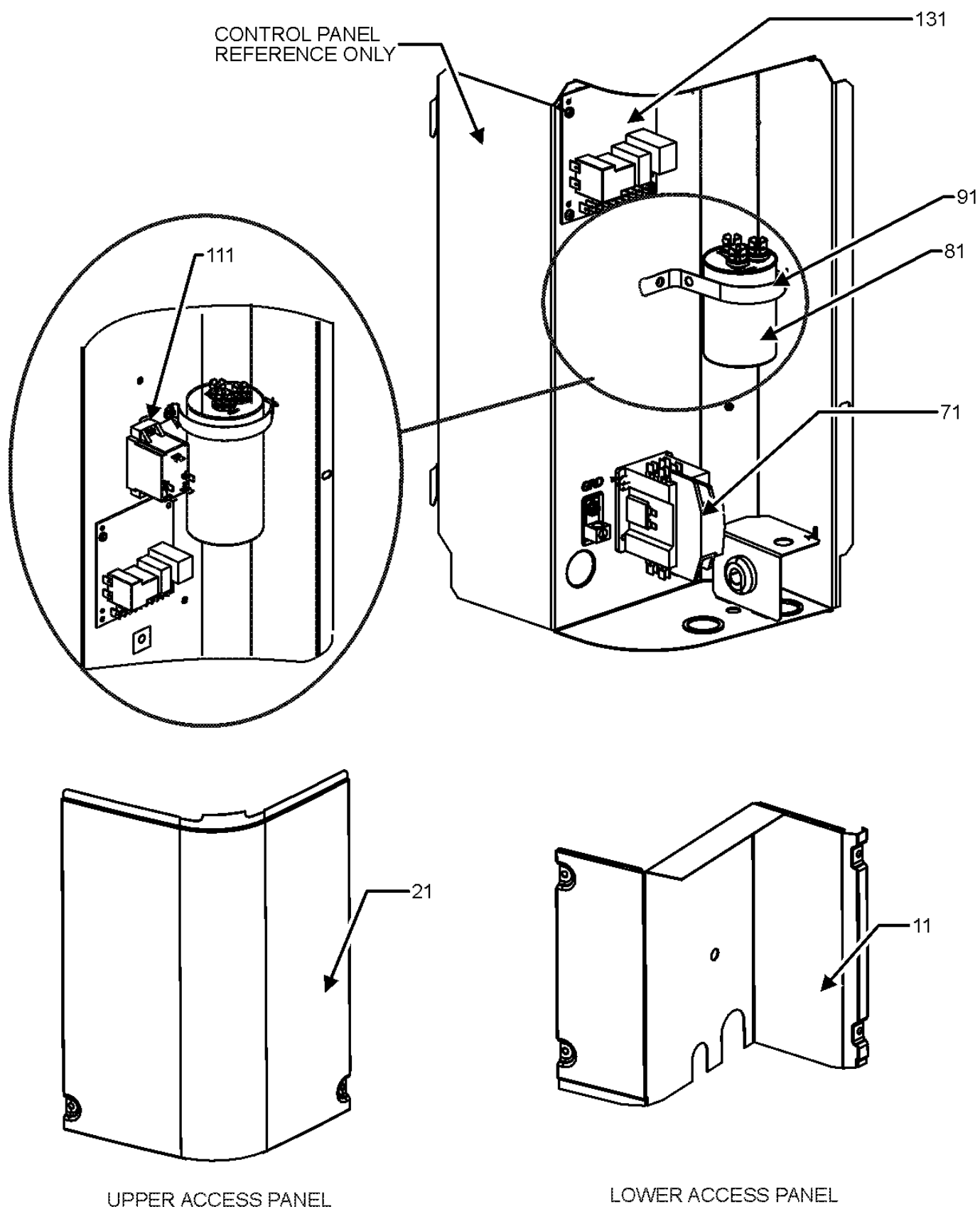
SPECIAL PARTS

0161R00092 NAMEPLATE, GOODMAN

Expanded Model Nomenclature

M1 - GSZ160181BD
M2 - GSZ160181BE
M3 - GSZ160241BC
M4 - GSZ160241BD
M5 - GSZ160241BE
M6 - GSZ160301BC
M7 - GSZ160301BD
M8 - GSZ160301BE
M9 - GSZ160361BB
M10 - GSZ160361BC
M11 - GSZ160361BD
M12 - GSZ160421BB
M13 - GSZ160421BC
M14 - GSZ160481BB
M15 - GSZ160481BC
M16 - GSZ160481BD
M17 - GSZ160601BB
M18 - GSZ160601BC
M19 - GSZ160601BD

Control Cover and Control Box



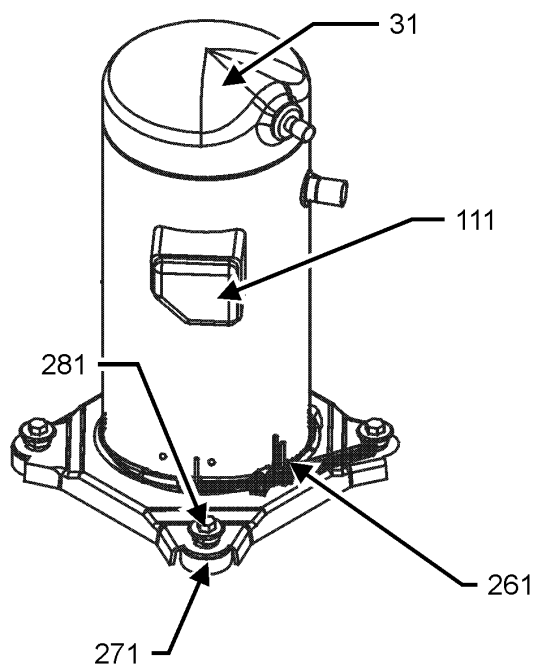
Control Cover and Control Box

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0121R00154PDG		PANEL, LOWER ACCESS PNT (M1, M2, M12, M13)
11	0121R00328PDG		PANEL, LOWER ACCESS PNT (M9, M10, M11)
11	0121R00625PDG		PANEL, LOWER ACCESS PNT (M3, M4, M5, M6, M7, M8, M14, M15, M16)
11	0121R00662PDG		PANEL, LOWER ACCESS PNT (M17, M18, M19)
21	0121R00053PDG		CONTROL COVER (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)
21	0121R00054PDG		CONTROL COVER (M17, M18, M19)
71	CONT1P025024V		CONTACTOR 25 AMP, 1P, 24V (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11)
71	CONT1P030024V		CONTACTOR 30 AMP, 1P, 24V (M12, M13, M14, M15, M16)
71	CONT2P040024V		CONTACTOR 40 AMP, 2P, 24V (M17, M18, M19)
81	CAP050300440CS		CAP,5/30MFD/440V/DUAL RD (M1, M2)
81	CAP050350440CS		CAPACITOR 5/35/440V (M3, M4, M5, M6, M7, M8)
81	CAP050400440CT		CAPACITOR 5/40/440V/DUAL RD (M17, M18, M19)
81	CAP050450440CT		CAPACITOR 5/45/440V/DUAL RD (M9, M10, M11, M12, M13, M14, M15, M16)
91	4400065		CAPACITOR STRAP
111	10135604		RELAY (M17, M18, M19)
131	PCBDM133		DEFROST CONTROL BOARD
NS	0161R00092		NAMEPLATE, GOODMAN

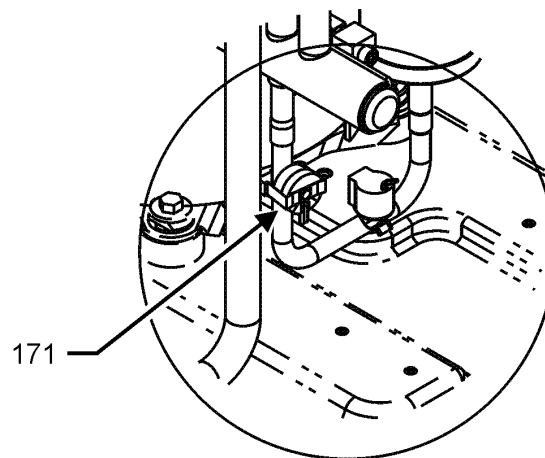
Expanded Model Nomenclature

M1 - GSZ160181BD
 M2 - GSZ160181BE
 M3 - GSZ160241BC
 M4 - GSZ160241BD
 M5 - GSZ160241BE
 M6 - GSZ160301BC
 M7 - GSZ160301BD
 M8 - GSZ160301BE
 M9 - GSZ160361BB
 M10 - GSZ160361BC
 M11 - GSZ160361BD
 M12 - GSZ160421BB
 M13 - GSZ160421BC
 M14 - GSZ160481BB
 M15 - GSZ160481BC
 M16 - GSZ160481BD
 M17 - GSZ160601BB
 M18 - GSZ160601BC
 M19 - GSZ160601BD

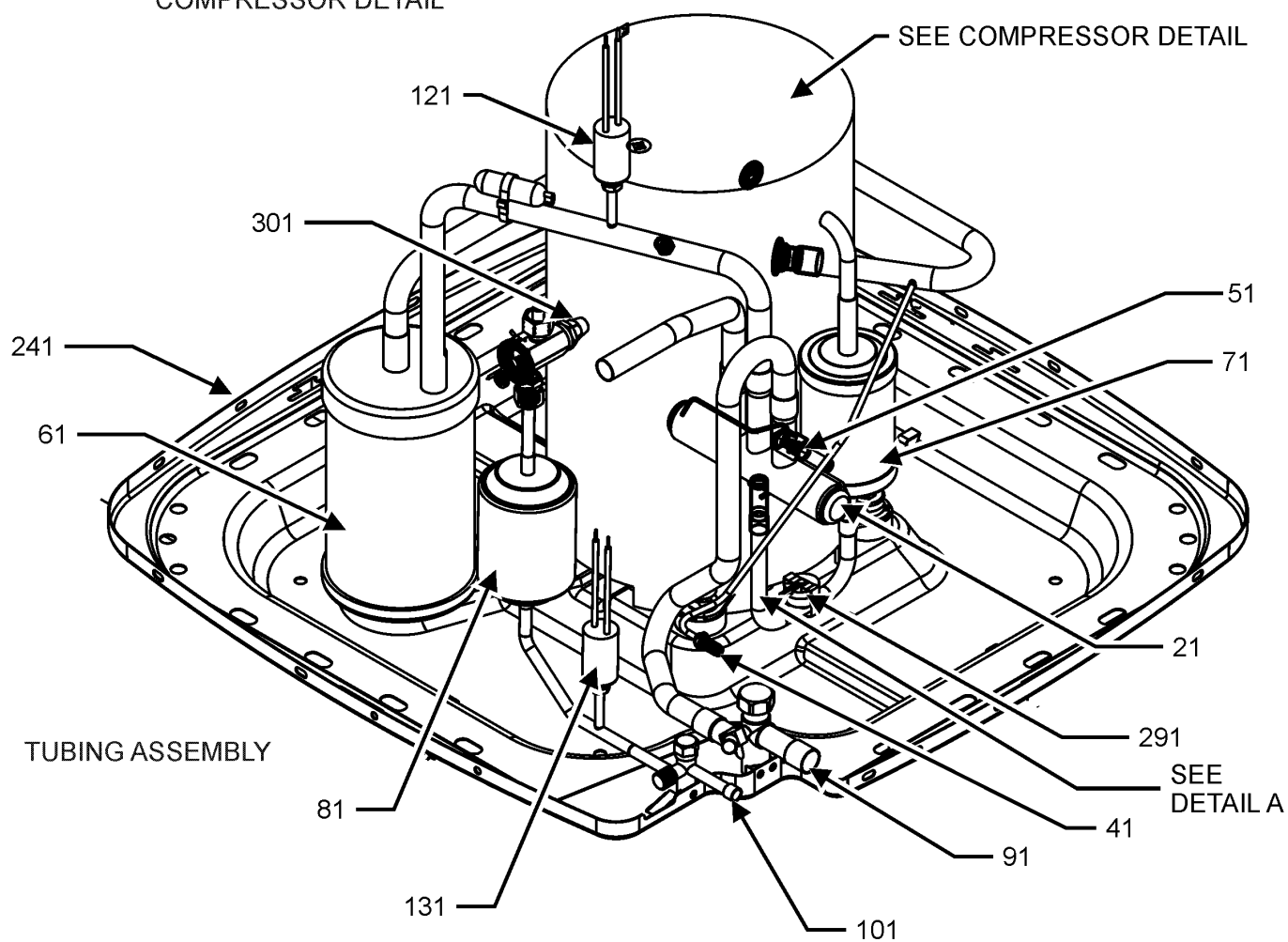
Compressor and Tubing Assembly



COMPRESSOR DETAIL



(5T MODEL)
DETAIL A



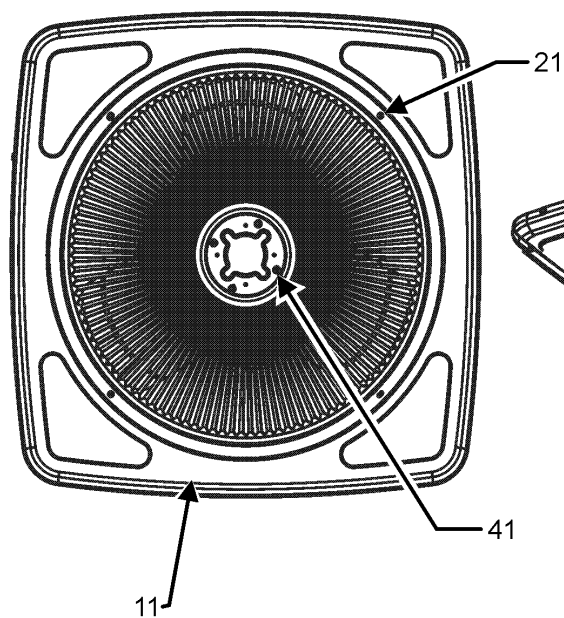
TUBING ASSEMBLY

Compressor and Tubing Assembly

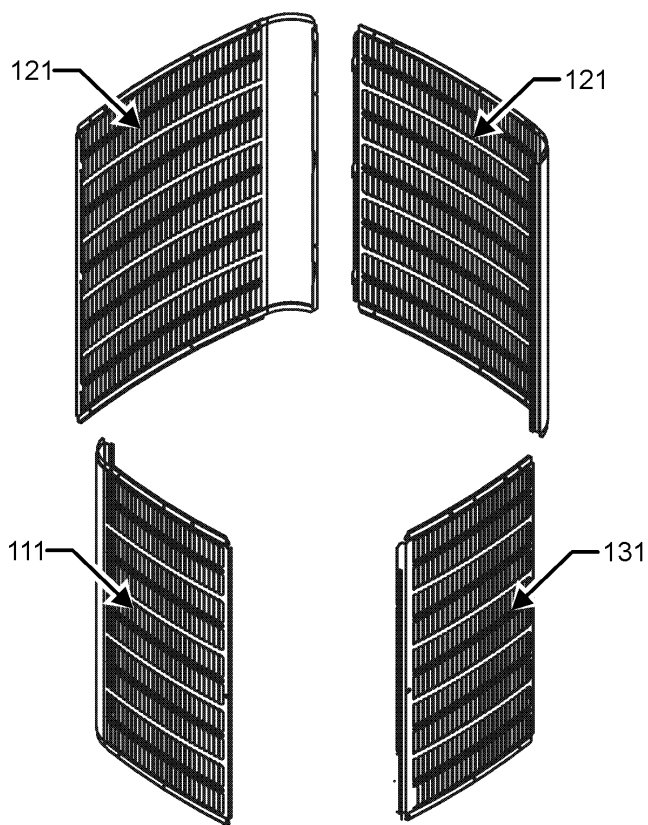
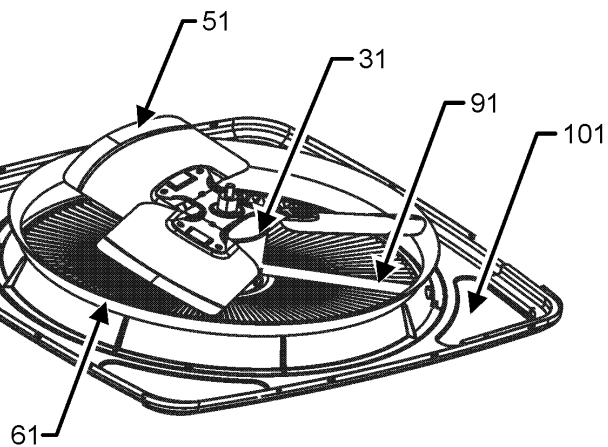
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:		Expanded Model Nomenclature	
21	0151R00068	REVERSING VALVE (M3, M4, M5, M6, M7, M8)	M1 - GSZ160181BD
21	0151R00069	REVERSING VALVE (M1, M2)	M2 - GSZ160181BE
21	0151R00071	REVERSING VALVE (M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19)	M3 - GSZ160241BC
31	ZP14K6EPFV120	COMP, 20200, 208/230/60/1 (M1, M2)	M4 - GSZ160241BD
31	ZP20K6EPFV120	COMP, 27200, 208/230/60/1 (M3, M4, M5)	M5 - GSZ160241BE
31	ZP25K6EPFV120	COMP, 34200, 208/230/60/1 (M6, M7, M8)	M6 - GSZ160301BC
31	ZP29K6EPFV120	COMP, 39700, 208/230/60/1 (M9, M10, M11)	M7 - GSZ160301BD
31	ZP34K6EPFV120	COMP, 46500, 208/230/60/1 (M12, M13)	M8 - GSZ160301BE
31	ZPS49K5EPFV130	COMP, 49100,208/230/60/1 (M17, M18, M19)	M9 - GSZ160361BB
31	ZP39K5EPFV130	COMP,39000,208/230/60/1 (M14, M15, M16)	M10 - GSZ160361BC
41	0163M00175	CAP WITH O-RING	M11 - GSZ160361BD
51	0130M00410	REVERSING VALVE HARNESS	M12 - GSZ160421BB
61	0151L00010	ACCUMULATOR (M17, M18, M19)	M13 - GSZ160421BC
61	B1226207	ACCUMULATOR (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)	M14 - GSZ160481BB
61	0151R00004P	ACCUMULATOR .750 (M1, M2)	M15 - GSZ160481BC
71	0162R00007	MUFFLER 1/2 X 1/2	M16 - GSZ160481BD
81	20485201	BI-FLOW FILTER DRIER	M17 - GSZ160601BB
91	0151R00079	BASE VALVE 3/4" (M1, M2, M3, M4, M5, M6, M7, M15, M16, M17, M18, M19)	M18 - GSZ160601BC
91	0151R00080	BASE VALVE 7/8" (M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19)	M19 - GSZ160601BD
101	0151R00167	BASE VALVE 3/8"	
111	0159R00001P	COMPRESSOR SCROLL HARNESS (M1, M2, M12, M13)	
111	0159R00002P	COMPRESSOR SCROLL HARNESS (M3, M4, M5, M6, M7, M8, M9, M10, M11, M14, M15, M16)	
111	0159R00009	COMPRESSOR SCROLL HARNESS (M17, M18, M19)	
121	0130M00088	LOW PRESSURE SWITCH	
131	0130M00089	HIGH PRESSURE SWITCH	
171	0130M00349	DISC-THERMOSTAT (M17, M18, M19)	
241	0121R00006PDG	BASE PAN 29" (M1, M2, M12, M13)	
241	0121R00007PDG	BASE PAN 35" (M3, M4, M5, M6, M7, M8, M9, M10, M11, M14, M15, M16, M17, M18, M19)	
261	0163R00006	HEATER, CRANKCASE 230V, 40W (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11)	
261	0163R00007	HEATER, CRANKCASE 230V, 40W (M12, M13, M14, M15, M16, M17, M18, M19)	
271	B1339533	COMPRESSOR GROMMET (QTY 4)	
281	M0221641	TF SHOULDER SCREW (QTY 4)	
291	0130M00106	DISC THERMOSTAT(CRNKCS HTR SW)	
301	0151R00189	ADJUSTABLE VALVE, TXV R410A (M1, M2)	
301	0151R00190	ADJUSTABLE VALVE, TXV R410A (M3, M4, M5)	
301	0151R00191	ADJUSTABLE VALVE, TXV R410A (M9, M10, M11)	
301	0151R00192	ADJUSTABLE VALVE, TXV R410A (M6, M7, M8)	
301	0151R00193	ADJUSTABLE VALVE, TXV R410A (M12, M13)	
301	0151R00194	ADJUSTABLE VALVE, TXV R410A (M14, M15, M16)	
301	0151R00195	ADJUSTABLE VALVE, TXV R410A (M17, M18, M19)	
NS	20468101	CABLE-COMPR SOL (M17, M18, M19)	
NS	0130M00410	REVERSING VALVE HARNESS	
NS	B1225022	SOLENOID COIL	

Cabinet Top and Side Panel Assembly

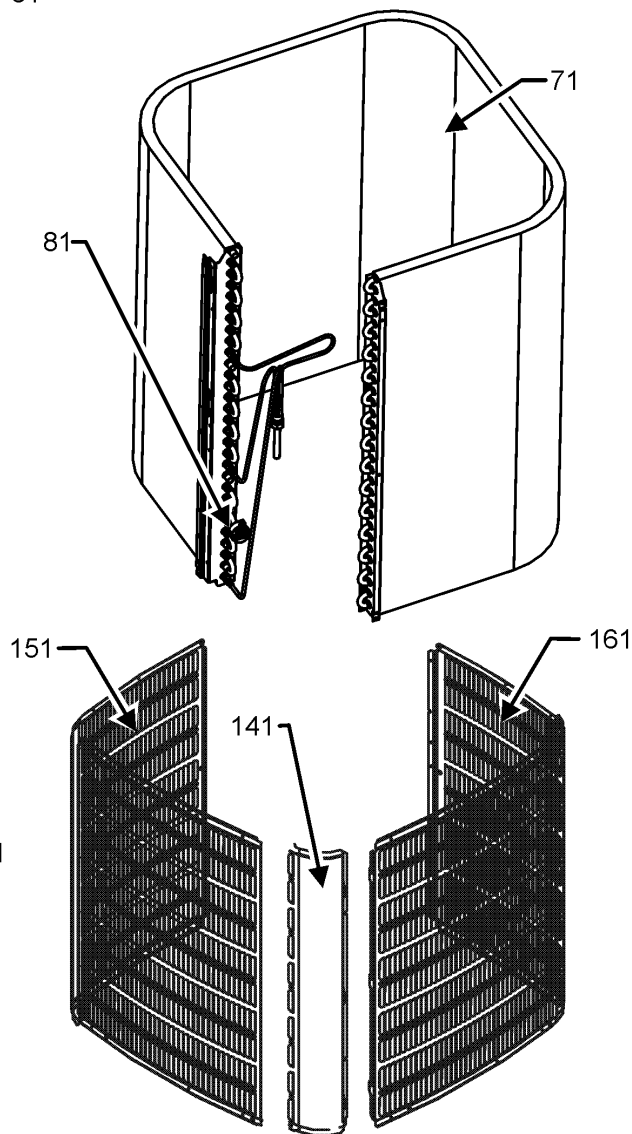
TOP VIEW



BOTTOM VIEW



LOUVER PANEL ASSEMBLY
STYLE 1



LOUVER PANEL ASSEMBLY
STYLE 2

Cabinet Top and Side Panel Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:		Expanded Model Nomenclature	
11	0121R00010PDG	TOP PANEL 29" (M1, M2, M12, M13)	M1 - GSZ160181BD
11	0121R00269PDG	Top Panel, 35" Pnt (M3, M4, M5, M6, M7, M8, M9, M10, M11, M14, M15, M16, M17, M18, M19)	M2 - GSZ160181BE
21	0163M00004	SCREW #10X3/4", BLACK (QTY 4)	M3 - GSZ160241BC
31	0131M00018P	MOTOR, 1/4HP, 1SP, 6PL (M12)	M4 - GSZ160241BD
31	0131M00813	MOTOR, 1/4HP, 1SP, 6PL (M13)	M5 - GSZ160241BE
31	0131M00061	MOTOR, 1/4HP, 1SP, 8PL (M9, M14)	M6 - GSZ160301BC
31	0131M00807	MOTOR, 1/4HP, 1SP, 8PL, AL (M10, M11, M15, M16)	M7 - GSZ160301BD
31	0131M00866	MOTOR, 1/5 HP, 2SP, 8PL (M19)	M8 - GSZ160301BE
31	0131M00753	MOTOR, 1/6HP, 1SP, 8PL, AL (M1, M2)	M9 - GSZ160361BB
31	0131M00945	MOTOR, 1/6HP, 8PL (M5, M8)	M10 - GSZ160361BC
31	0131M00038	MOTOR, 1/6HP, 2 SP, 8 PL (M17, M18)	M11 - GSZ160361BD
31	0131M00754	MOTOR, PSC, 1/6HP, 8PL (M3, M4, M6, M7)	M12 - GSZ160421BB
41	0163M00006P	ACORN NUT 5/16 HEX BLACK (QTY 4)	M13 - GSZ160421BC
51	10625738	BLADE-FAN 26" ALUM CCW (M9, M14)	M14 - GSZ160481BB
51	0150M00008	FAN BLADE, 22" TNT2203-25 (M1, M2)	M15 - GSZ160481BC
51	B1086750	FAN BLADE, 22", 3 BLADE, 24 DEG (M12, M13)	M16 - GSZ160481BD
51	0150M00054	FAN BLADE, 26" (M3, M4, M5, M6, M7, M8, M10, M11, M15, M16, M17, M18, M19)	M17 - GSZ160601BB
61	0161R00048	MOLDED RING-VENTURI 22 (M1, M2, M12, M13)	M18 - GSZ160601BC
61	0161R00049	MOLDED RING-VENTURI 26" (M3, M4, M5, M6, M7, M8, M9, M10, M11, M14, M15, M16, M17, M18, M19)	M19 - GSZ160601BD
71	0201R00628	COIL TUBING ASSY (M1, M2)	
71	0201R00631	COIL TUBING ASSY (M9, M10, M11)	
71	0201R00632	COIL TUBING ASSY (M12, M13)	
71	0201R00633	COIL TUBING ASSY (M14, M15, M16)	
71	0201R00634	COIL TUBING ASSY (M17, M18, M19)	
71	0201R00664	COIL TUBING ASSY (M3, M4, M5, M6, M7, M8)	
81	0130M00250	CONTROL, DEFROST	
91	0161R00002P	CONDUIT (M1, M2, M12, M13)	
91	0161R00004P	CONDUIT (M3, M4, M5, M6, M7, M8, M9, M10, M11, M14, M15, M16, M17, M18, M19)	
101	0154R00006	GASKET, CONTROL PANEL	
111	0121R00592PDGB	PANEL 1, BENT LOUVER 35_34.64 (M3, M4, M5, M6, M7, M8, M14, M15, M16)	
111	0121R00593PDGB	PANEL 1, BENT LOUVER 35_39.84 (M9, M10, M11, M17, M18, M19)	
121	0121R00594PDGB	PANEL 2, BENT LOUVER 35_34.64 (M3, M4, M5, M6, M7, M8, M14, M15, M16)	
121	0121R00595PDGB	PANEL 2, BENT LOUVER 35_39.84 (M9, M10, M11, M17, M18, M19)	
131	0121R00596PDG	PANEL 3, LOUVER 35_34.64 PNT (M3, M4, M5, M6, M7, M8, M14, M15, M16)	
131	0121R00597PDG	PANEL 3, LOUVER 35_39.84 PNT (M9, M10, M11, M17, M18, M19)	
141	0121R00355PDG	LOUVER POST, PDG 34.88 (M1, M2, M12, M13)	
151	0121R00587PDGLS	LOUVER PANEL, 29" CHASSIS, PNT (M1, M2, M12, M13)	
161	0121R00587PDGRS	LOUVER PANEL, 29" CHASSIS, PNT (M1, M2, M12, M13)	
NS	0163M00005P	WASHER, BLACK (.50 OD .218ID) (QTY 4)	