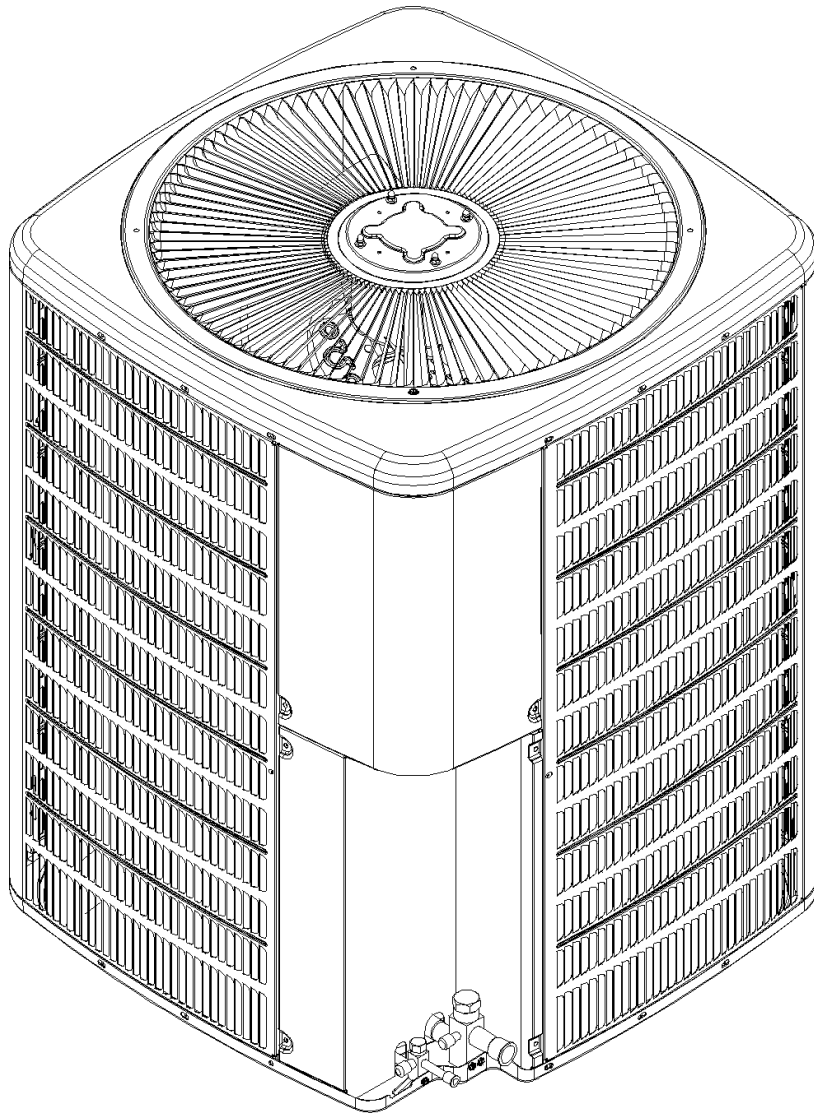


REPAIR PARTS

GSH13 Remote Heat Pumps

GSH130181BB
GSH130181CA
GSH130241BB
GSH130241CA
GSH130361BC
GSH130361CA
GSH130363AE
GSH130421AF
GSH130481AE
GSH130483AE
GSH130601AC
GSH130603AC



This manual is to be used by qualified technicians only.

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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:

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:

0131M00266	1/8 HP 8 PL PSC MOTOR (M1, M2, M3, M4)	0151M00018S	REVERSING VALVE (M1, M2, M3, M4)
0151R00002P	3/4" SERVICE VALVE OPEN LEFT (M1, M2, M3, M4)	0151M00020S	REVERSING VALVE (M5, M6, M7, M9, M10, M11, M12)
B12825171	3/8" SERVICE VALVE	B1225020	SOLENOID COIL CORD W/1/4" TERMINAL
0151R00003P	7/8" SERVICE VALVE OPEN LEFT (M5, M6, M7, M8, M9, M10, M11, M12)		
B1226206	ACCUMULATOR (M1, M2, M3, M4)		
B1226207	ACCUMULATOR .875 (M5, M6, M7, M8, M9, M10, M11, M12)		
CAP050300440RSS	CAPACITOR 5/30/370V (M2, M3)		
CAP050350440RSS	CAPACITOR 5/35/440V (M1, M4, M5)		
CAP050000370VAS	CAPACITOR 5/370V (M7, M10, M12)		
CAP050450440RTS	CAPACITOR 5/45/440V (M6)		
CAP050500440RTS	CAPACITOR 5/50/440V (M8)		
CAP050550440RTS	CAPACITOR 5/55/440V (M9)		
CAP050800440RTS	CAPACITOR 5/80/440V (M11)		
ZR16K5PFV130	COMP,15500,208/230/60/1 (M2)		
ZR21K5PFV130	COMP,21000,208/230/60/1 (M4)		
ZR28K5PFV130	COMP,28500,208/230/60/1 (M6)		
ZR42K5TF5800	COMP,40600,208/230/60/3 (M10)		
ZR54K5TF5800	COMP,54200,200/230/60/3 (M12)		
CR14K7PFV970	COMPRESSOR 14100, 208/230/60/1 (M1)		
CR19K7PFV970	COMPRESSOR 19300, 208/230/60/1 (M3)		
CR28K7TF5970	COMPRESSOR 28000, 200/230/60/3 (M7)		
CR28K7PFV970	COMPRESSOR 28300, 208/230/60/1 (M5)		
ZR36K3PFV930	COMPRESSOR 36900, 208/230/60/1 (M8)		
ZR40K3PFV930	COMPRESSOR 40600, 208/230/60/1 (M9)		
ZR52K3PFV930	COMPRESSOR 52000, 208/230/60/1 (M11)		
0159R00001P	COMPRESSOR SCROLL HARNESS (M6)		
0159R00000P	COMPRESSOR SCROLL HARNESS (M2, M4)		
0131M00012PS	COND MOTOR 1/6 HP, 1 SP, 8 PL (M11, M12)		
CONT2P025024VS	CONTACTOR 25 AMP, 2P, 24V (M1, M2, M3, M4)		
CONT3P025024VS	CONTACTOR 25 AMP, 3P, 24V (M7, M10, M12)		
CONT2P030024VS	CONTACTOR 30 AMP, 2P, 24V (M5, M6, M8, M9)		
CONT2P040024VS	CONTACTOR 40 AMP, 2P, 24V (M11)		
0130R00045	CRANKCASE HEATER SWITCH (M4)		
B1360719	CUT-OUT SWITCH, LOW PRESSURE		
PCBDM130	DEFROST CONTROL BOARD		
B1370803	DEFROST THERMOSTAT		
0131M00061S	MOTOR, 1/4HP, 1SP, 8PL (M5, M6, M7, M8, M9, M10)		
0151M00021S	REVERSING VALVE (M8)		

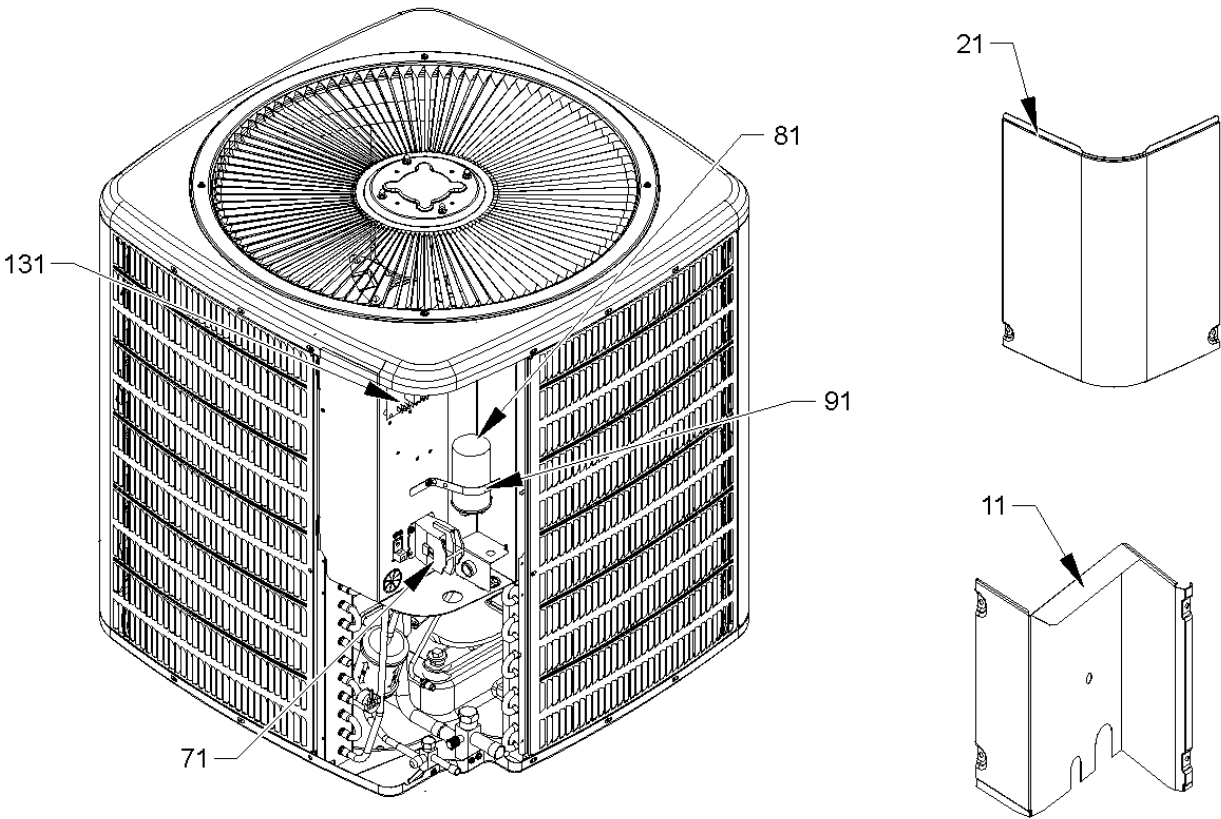
SPECIAL PARTS

0161R00009P NAMEPLATE

Expanded Model Nomenclature

M1 - GSH130181BB
M2 - GSH130181CA
M3 - GSH130241BB
M4 - GSH130241CA
M5 - GSH130361BC
M6 - GSH130361CA
M7 - GSH130363AE
M8 - GSH130421AF
M9 - GSH130481AE
M10 - GSH130483AE
M11 - GSH130601AC
M12 - GSH130603AC

Control Cover/Control Box



Control Cover/Control Box

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

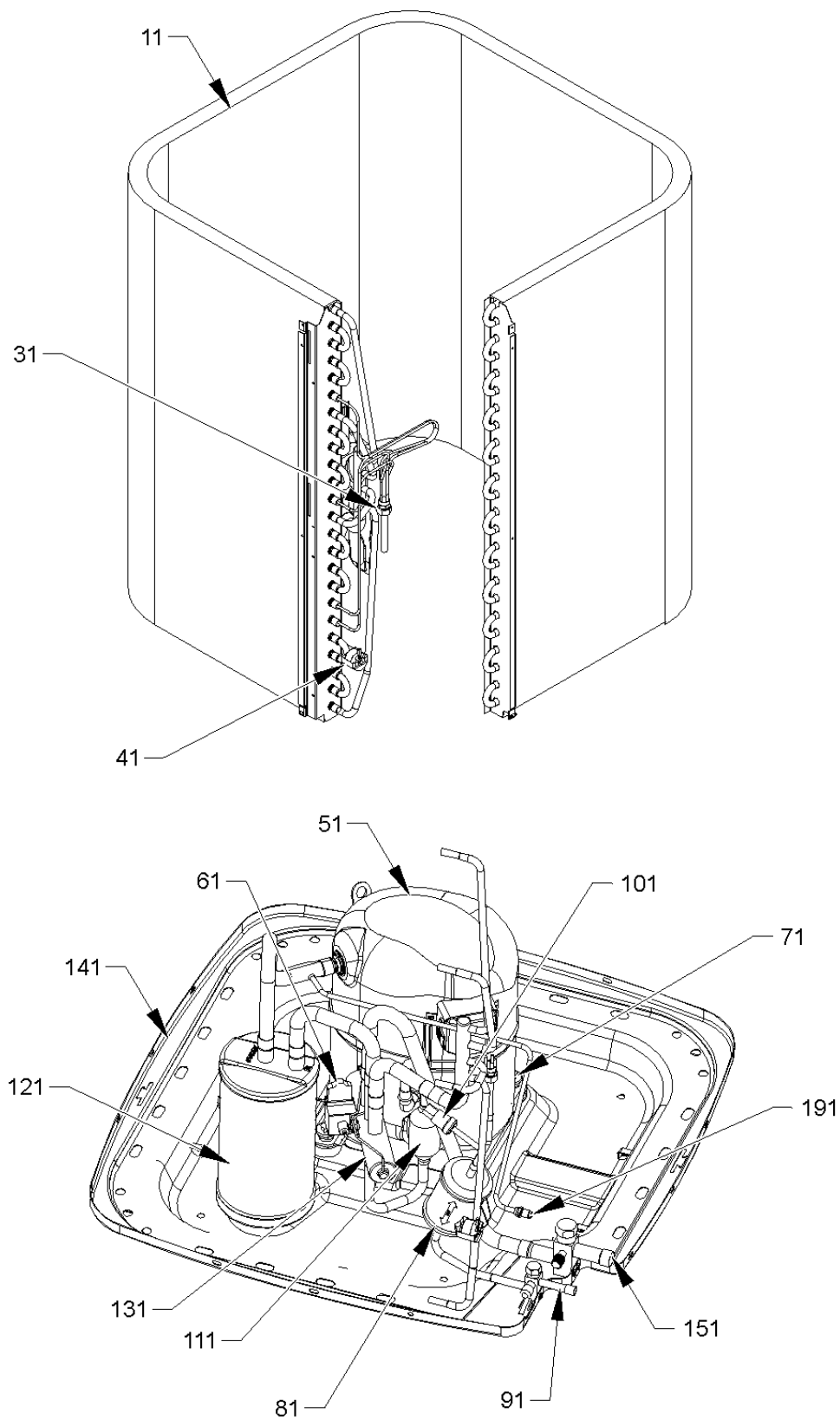
Image 1:

11	4400201PDG	LOWER ACCESS PANEL (M1, M2, M3, M4, M8)
11	4400202PDG	LOWER ACCESS PANEL (M9, M10, M11, M12)
11	4400205PDG	LOWER ACCESS PANEL (M5, M6, M7)
21	0121R00053PDG	CONTROL COVER
71	CONT2P025024VS	CONTACTOR 25 AMP, 2P, 24V (M1, M2, M3, M4)
71	CONT3P025024VS	CONTACTOR 25 AMP, 3P, 24V (M7, M10, M12)
71	CONT2P030024VS	CONTACTOR 30 AMP, 2P, 24V (M5, M6, M8, M9)
71	CONT2P040024VS	CONTACTOR 40 AMP, 2P, 24V (M11)
81	CAP050300440RSS	CAPACITOR 5/30/370V (M2, M3)
81	CAP050350440RSS	CAPACITOR 5/35/440V (M1, M4, M5)
81	CAP050000370VAS	CAPACITOR 5/370V (M7, M10, M12)
81	CAP050450440RTS	CAPACITOR 5/45/440V (M6)
81	CAP050500440RTS	CAPACITOR 5/50/440V (M8)
81	CAP050550440RTS	CAPACITOR 5/55/440V (M9)
81	CAP050800440RTS	CAPACITOR 5/80/440V (M11)
91	4400065	CAPACITOR STRAP
131	PCBDM130	DEFROST CONTROL BOARD
NS	0161R00009P	NAMEPLATE

Expanded Model Nomenclature

M1 - GSH130181BB
M2 - GSH130181CA
M3 - GSH130241BB
M4 - GSH130241CA
M5 - GSH130361BC
M6 - GSH130361CA
M7 - GSH130363AE
M8 - GSH130421AF
M9 - GSH130481AE
M10 - GSH130483AE
M11 - GSH130601AC
M12 - GSH130603AC

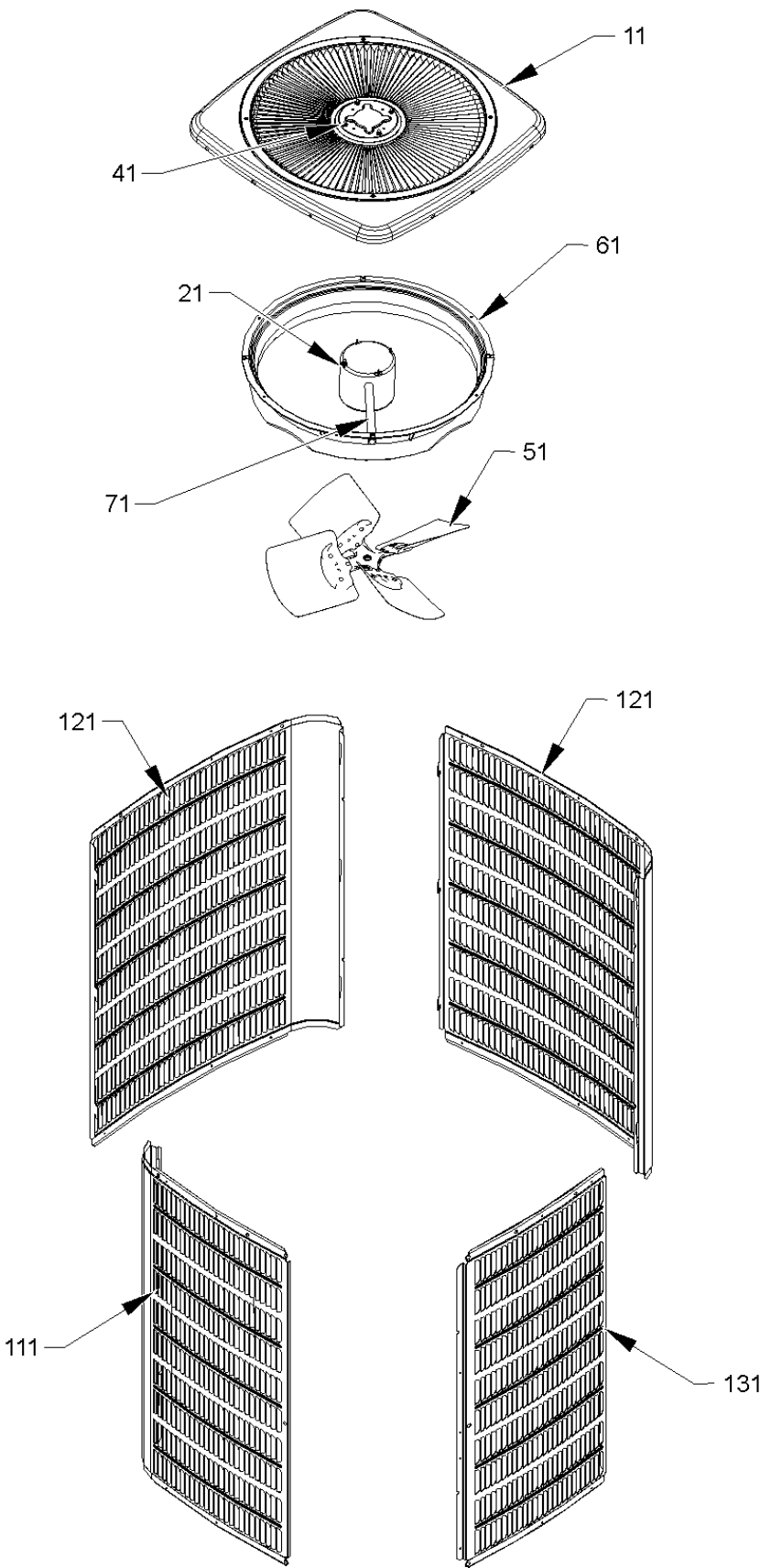
Basepan/Tubing Assembly



Basepan/Tubing Assembly

Ref. Part			Ref. Part		
No: No:	Description:		No: No:	Description:	
Image 1:			Image 1:		
11	0201R00150S	ASSY, COIL CIRCUIT (M1, M2, M3, M4)	NS	B1789853	FLOW CHECK PISTON KIT .053 (M1, M2)
11	0201R00053S	TUBING ASSY, COND COIL (M12)	NS	B1789859	FLOW CHECK PISTON KIT .059 (M3, M4)
11	0201R00068S	TUBING ASSY, COND COIL (M9, M10)	NS	B1789871	FLOW CHECK PISTON KIT .071 (M5, M6, M7)
11	0201R00070S	TUBING ASSY, COND COIL (M8)	NS	B1789882	FLOW CHECK PISTON KIT .082 (M8)
11	0201R00157s	TUBING ASSY, COND COIL (M3, M4)	Expanded Model Nomenclature M1 - GSH130181BB M2 - GSH130181CA M3 - GSH130241BB M4 - GSH130241CA M5 - GSH130361BC M6 - GSH130361CA M7 - GSH130363AE M8 - GSH130421AF M9 - GSH130481AE M10 - GSH130483AE M11 - GSH130601AC M12 - GSH130603AC		
11	1362203	TUBING ASSY, COND COIL (M5, M6, M7)			
11	1362206	TUBING ASSY, COND COIL (M11)			
41	B1370803	DEFROST THERMOSTAT			
51	ZR16K5PFV130	COMP,15500,208/230/60/1 (M2)			
51	ZR21K5PFV130	COMP,21000,208/230/60/1 (M4)			
51	ZR28K5PFV130	COMP,28500,208/230/60/1 (M6)			
51	ZR42K5TF5800	COMP,40600,208/230/60/3 (M10)			
51	ZR54K5TF5800	COMP,54200,200/230/60/3 (M12)			
51	CR14K7PFV970	COMPRESSOR 14100, 208/230/60/1 (M1)			
51	CR19K7PFV970	COMPRESSOR 19300, 208/230/60/1 (M3)			
51	CR28K7TF5970	COMPRESSOR 28000, 200/230/60/3 (M7)			
51	CR28K7PFV970	COMPRESSOR 28300, 208/230/60/1 (M5)			
51	ZR36K3PFV930	COMPRESSOR 36900, 208/230/60/1 (M8)			
51	ZR40K3PFV930	COMPRESSOR 40600, 208/230/60/1 (M9)			
51	ZR52K3PFV930	COMPRESSOR 52000, 208/230/60/1 (M11)			
61	B1225020	SOLENOID COIL CORD W/1/4"TERMINAL			
71	M0221641	TF SHOULDER SCREW (QTY 4)			
91	B12825171	3/8" SERVICE VALVE			
101	B1360719	CUT-OUT SWITCH, LOW PRESSURE			
111	B1219301	MUFFLER 1/2 X 1/2 (M1, M2, M3, M4, M5, M6, M7)			
121	B1226206	ACCUMULATOR (M1, M2, M3, M4)			
121	B1226207	ACCUMULATOR .875 (M5, M6, M7, M8, M9, M10, M11, M12)			
131	0151M00018S	REVERSING VALVE (M1, M2, M3, M4)			
131	0151M00020S	REVERSING VALVE (M5, M6, M7, M9, M10, M11, M12)			
131	0151M00021S	REVERSING VALVE (M8)			
141	0121R00005PDG	BASE PAN 26" (M1, M2, M3, M4)			
141	0121R00006PDG	BASE PAN 29" (M5, M6, M7, M8, M9, M10)			
141	0121R00007PDG	BASE PAN 35" (M11, M12)			
151	0151R00002P	3/4" SERVICE VALVE OPEN LEFT (M1, M2, M3, M4)			
151	0151R00003P	7/8" SERVICE VALVE OPEN LEFT (M5, M6, M7, M8, M9, M10, M11, M12)			
NS	B1339530	COMPRESSOR GROMMET (M1, M3, M5, M7)			
NS	B1339533	COMPRESSOR GROMMET (M2, M4, M6, M8, M9, M10, M11, M12)			
NS	0159R00000P	COMPRESSOR SCROLL HARNESS (M2, M4)			
NS	0159R00001P	COMPRESSOR SCROLL HARNESS (M6)			
NS	0130R00045	CRANKCASE HEATER SWITCH (M4)			
NS	B1789886	FLOW CHECK PISTON KIT (M9, M10)			
NS	B1789896	FLOW CHECK PISTON KIT (M12)			

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	0121R00269PDG	PANEL, TOP 35" PNT (M11, M12)	M1 - GSH130181BB
11	0121R00008PDG	TOP PANEL 26" (M1, M2, M3, M4)	M2 - GSH130181CA
11	0121R00010PDG	TOP PANEL 29" (M5, M6, M7, M8, M9, M10)	M3 - GSH130241BB
21	0131M00266	1/8 HP 8 PL PSC MOTOR (M1, M2, M3, M4)	M4 - GSH130241CA
21	0131M00012PS	COND MOTOR 1/6 HP, 1 SP, 8 PL (M11, M12)	M5 - GSH130361BC
21	0131M00061S	MOTOR, 1/4HP, 1SP, 8PL (M5, M6, M7, M8, M9, M10)	M6 - GSH130361CA
41	0163M00006P	ACORN NUT 5/16 HEX BLACK (QTY 4)	M7 - GSH130363AE
51	0150M00018S	FAN BLADE 20" (M1, M2)	M8 - GSH130421AF
51	0150M00012S	FAN BLADE 20" CCW (M3, M4)	M9 - GSH130481AE
51	0150M00008S	FAN BLADE 22" TNT2203-25 (M5, M6, M7, M8)	M10 - GSH130483AE
51	10625738S	FAN BLADE 26" ALUM CCW (M11, M12)	M11 - GSH130601AC
51	B1086765S	FAN BLADE TYPE 3 (M9, M10)	M12 - GSH130603AC
61	0161L00000	VENTURI RING 22" (M5, M6, M7, M8, M9, M10)	
61	0161R00007P	VENTURI RING 35" (M11, M12)	
111	0121R00015PDGB	LOUVERED SIDE PANEL [LT OF CNTL PNL] (M1, M2, M3, M4)	
111	0121R00024PDGB	LOUVERED SIDE PANEL [LT OF CNTL PNL] (M8)	
111	0121R00025PDGB	LOUVERED SIDE PANEL [LT OF CNTL PNL] (M9, M10)	
111	0121R00027PDGBS	LOUVERED SIDE PANEL [LT OF CNTL PNL] (M5, M6, M7)	
111	0121R00042PDGB	LOUVERED SIDE PANEL [LT OF CNTL PNL] (M11, M12)	
111	0121R00031	PANEL 2, LOUVER 29_32.0 (M9, M10)	
111	0121R00030PDGB	PANEL 2,BENT LOUVER 29_30.0 (M8)	
121	0121R00018PDGB	LOUVERED SIDE PANEL (M1, M2, M3, M4)	
121	0121R00030PDGB	LOUVERED SIDE PANEL (M8)	
121	0121R00031PDGB	LOUVERED SIDE PANEL (M9, M10)	
121	0121R00033PDGBS	LOUVERED SIDE PANEL (M5, M6, M7)	
121	0121R00046PDGB	LOUVERED SIDE PANEL (M11, M12)	
131	0121R00021PDG	LOUVERED SIDE PANEL [RT OF CNTL PNL] (M1, M2, M3, M4)	
131	0121R00036PDG	LOUVERED SIDE PANEL [RT OF CNTL PNL] (M8)	
131	0121R00037PDG	LOUVERED SIDE PANEL [RT OF CNTL PNL] (M9, M10)	
131	0121R00039PDGS	LOUVERED SIDE PANEL [RT OF CNTL PNL] (M5, M6, M7)	
131	0121R00050PDG	LOUVERED SIDE PANEL [RT OF CNTL PNL] (M11, M12)	