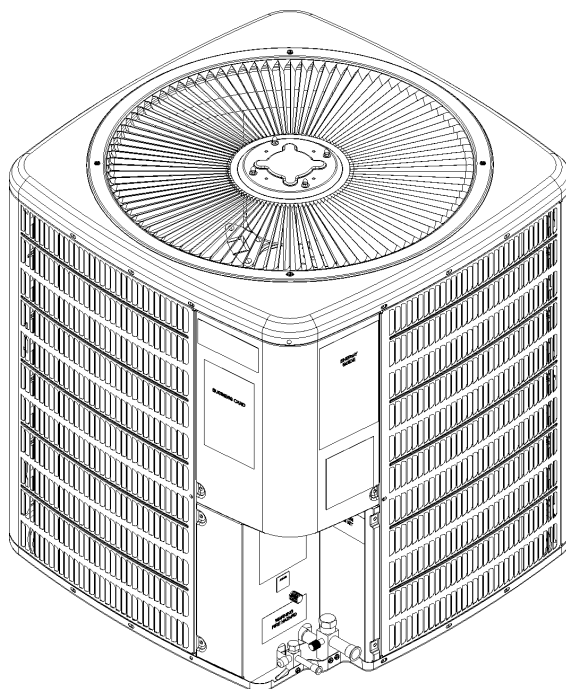




REPAIR PARTS

GSC 14 Seer Remote Condensing Units

GSC140181AA
GSC140181AB
GSC140181AC
GSC140241AA
GSC140241AB
GSC140241AC
GSC140301AA
GSC140301AB
GSC140301AC
GSC140301AD
GSC140301AE
GSC140361AA
GSC140361AB
GSC140361AC
GSC140361AD
GSC140361AE
GSC140421AA
GSC140421AB
GSC140421AC
GSC140421AD
GSC140421AE
GSC140481AA
GSC140481AB
GSC140481AC
GSC140481AD
GSC140481AE
GSC140601AA
GSC140601AB
GSC140601AC
GSC140601AD
GSC140601AE



Goodman Manufacturing Company, L.P.
5151 San Felipe, Suite 500
Houston, TX 77056

www.goodmanmfg.com

RP-380F
September 2007

Important Information

Index

Functional Parts List	3
Illustration and Parts	6 - 11

Views shown are for parts illustrations only, not servicing procedures

Rev. F: Updated service coils, contactors, capacitors and fan blade part numbers.

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:

		0131M00060	MOTOR 1/6 HP 1 SP 8 PL (M9, M11)
CAP050300370RSS	CAPACITOR 30/5/370V (M1, M2, M3)	0131M00016PS	MOTOR 1/6 HP, 1 SP, 8 PL (M7, M8, M10)
CAP050350370RSS	CAPACITOR 35/5/370V (M4, M5, M6, M7, M8, M9, M10, M11)	0201R00132S	SERVICE COIL ASSY (M15, M16)
CAP050450370RS	CAPACITOR 5/45/370V (M12, M13, M14, M15, M16)	0201R00134S	SERVICE COIL ASSY (M20, M21, M25, M26)
CAP050500370RTS	CAPACITOR 5/50/370V (M17, M18, M19, M20, M21)	0201R00127S	SERVICE COIL ASSY (M3, M6)
CAP050550370RTS	CAPACITOR 5/55/370V (M22, M23, M24, M25, M26)	0201R00137S	SERVICE COIL ASSY (M30, M31)
CAP050600440RTS	CAPACITOR 5/60/440V (M27, M28, M29, M30, M31)	1362108	SERVICE COIL ASSY (M1, M2, M4, M5)
ZR16KAPFV830	COMPRESSOR 16500, 208/230/60/1 (M1, M2, M3)	0201R00130S	SERVICE COIL ASSY (M10, M11)
ZR21KAPFV830	COMPRESSOR 21000, 208/230/60/1 (M4, M5, M6)	1362111	SERVICE COIL ASSY (M27, M28, M29)
ZR24K4PFV930	COMPRESSOR 24000, 208/230/60/1 (M7, M8, M9, M10, M11)	1362110	SERVICE COIL ASSY (M17, M18, M19, M22, M23, M24)
ZR28KAPFV830	COMPRESSOR 28500, 208/230/60/1 (M12, M13, M14, M15, M16)	1362109	SERVICE COIL ASSY (M12, M13, M14)
ZR34KAPFV830	COMPRESSOR 34400, 208/230/60/1 (M17, M18, M19, M20, M21)	1362107	SERVICE COIL ASSY (M7, M8, M9)
ZR38KAPFV830	COMPRESSOR 38000, 208/230/60/1 (M22, M23, M24, M25, M26)	0151R00002P	SERVICE VALVE 3/4" OPEN LEFT (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11)
ZR48K3PFV935	COMPRESSOR 49800, 208/230/60/1 (M27, M28, M29, M30)	B12825171	SERVICE VALVE 3/8" OPEN
ZR48K3PFV935	COMPRESSOR 49800, 208/230/60/1 (M31)	0151R00003P	SERVICE VALVE 7/8" OPEN LEFT (M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29, M30, M31)
0159R00000P	COMPRESSOR HARNESS 36" (M1, M2, M3, M4, M5, M6)	B1219225	SINGLE-FLOW FILTER DRIER, STEEL (M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29, M30, M31)
0159R00002P	COMPRESSOR HARNESS 46" (M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26)	B1219212	SINGLE-FLOW FILTER DRIER, STEEL (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)
CONT1P025024VS	CONTACTOR 25 AMP, 1P, 24V (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21)		
CONT1P030024VS	CONTACTOR 30 AMP, 1P, 24V (M22, M23, M24, M25, M26, M27, M28, M29, M30, M31)		
B1789896	FLOW CHECK PISTON KIT (M27, M28, M29, M30, M31)		
B1789884	FLOW CHECK PISTON KIT (M22, M23, M24, M25, M26)		
B1789878	FLOW CHECK PISTON KIT (M17, M18, M19, M20, M21)		
B1789874	FLOW CHECK PISTON KIT (M12, M13, M14, M15, M16)		
B1789867	FLOW CHECK PISTON KIT (M7, M8, M9, M10, M11)		
B1789861	FLOW CHECK PISTON KIT (M4, M5, M6)		
B1789853	FLOW CHECK PISTON KIT (M1, M2, M3)		
0131M00019PS	MOTOR 1/12 HP, 1 SP, 8 PL (M1, M2, M3, M4, M5, M6)		
0131M00014PS	MOTOR 1/4 HP, 1 SP, 8 PL (M12, M13, M15, M17, M18, M20, M22, M23, M25, M27, M28, M30)		
0131M00061	MOTOR 1/4 HP, 1 SP, 8 PL (M14, M16, M19, M21, M24, M26, M29, M31)		

Functional Parts

Part

No: Description:

SPECIAL PARTS

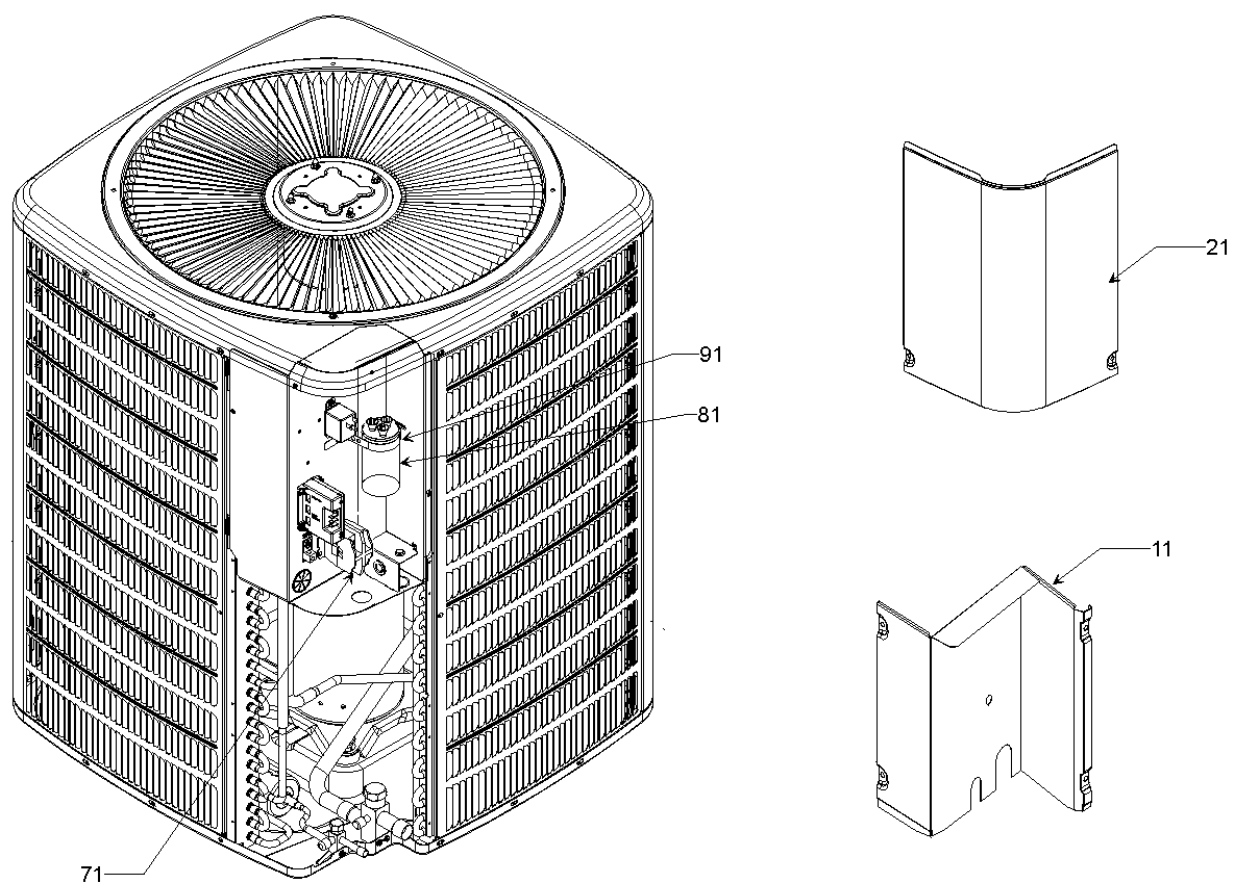
IO-258E	INSTALLATION INSTRUCTIONS
0161R00009P	NAMEPLATE, GOODMAN
RP-380F	REPAIR PARTS MANUAL

Expanded Model Nomenclature

M1 - GSC140181AA
M2 - GSC140181AB
M3 - GSC140181AC
M4 - GSC140241AA
M5 - GSC140241AB
M6 - GSC140241AC
M7 - GSC140301AA
M8 - GSC140301AB
M9 - GSC140301AC
M10 - GSC140301AD
M11 - GSC140301AE
M12 - GSC140361AA
M13 - GSC140361AB
M14 - GSC140361AC
M15 - GSC140361AD
M16 - GSC140361AE
M17 - GSC140421AA
M18 - GSC140421AB
M19 - GSC140421AC
M20 - GSC140421AD
M21 - GSC140421AE
M22 - GSC140481AA
M23 - GSC140481AB
M24 - GSC140481AC
M25 - GSC140481AD
M26 - GSC140481AE
M27 - GSC140601AA
M28 - GSC140601AB
M29 - GSC140601AC
M30 - GSC140601AD
M31 - GSC140601AE

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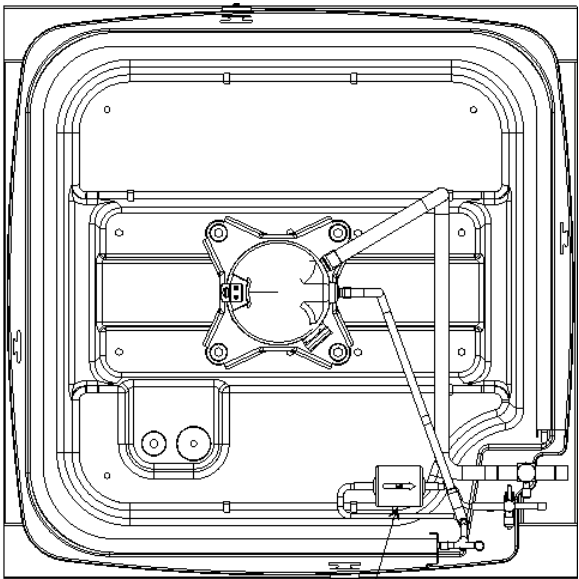
Control Cover / Control Box



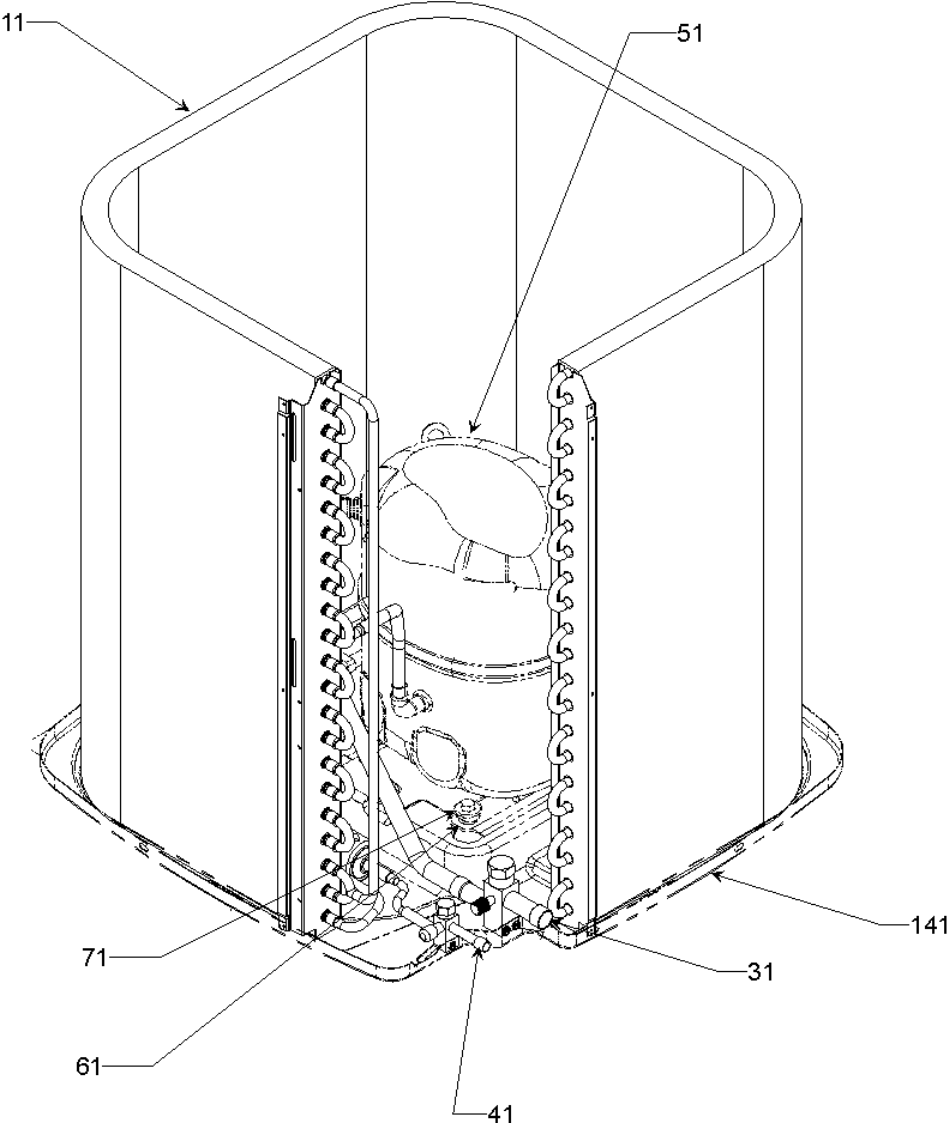
Control Cover / Control Box

Ref Part			Ref. Part	
No:	Description:		No: No:	Description:
<i>Image 1:</i>			Expanded Model Nomenclature	
11	4400201PDG	LOWER ACCESS PANEL (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11)	M1 - GSC140181AA	
11	4400202PDG	LOWER ACCESS PANEL (M12, M13, M14, M15, M16)	M2 - GSC140181AB	
11	4400205PDG	LOWER ACCESS PANEL (M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29, M30, M31)	M3 - GSC140181AC	
21	0121R00053PDG	CONTROL COVER SML	M4 - GSC140241AA	
71	CONT1P025024VS	CONTACTOR 25 AMP, 1P, 24V (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21)	M5 - GSC140241AB	
71	CONT1P030024VS	CONTACTOR 30 AMP, 1P, 24V (M22, M23, M24, M25, M26, M27, M28, M29, M30, M31)	M6 - GSC140241AC	
81	CAP050300370RSSCAPACITOR 30/5/370V (M1, M2, M3)		M7 - GSC140301AA	
81	CAP050350370RSSCAPACITOR 35/5/370V (M4, M5, M6, M7, M8, M9, M10, M11)		M8 - GSC140301AB	
81	CAP050450370RS CAPACITOR 5/45/370V (M12, M13, M14, M15, M16)		M9 - GSC140301AC	
81	CAP050500370RTS CAPACITOR 5/50/370V (M17, M18, M19, M20, M21)		M10 - GSC140301AD	
81	CAP050550370RTS CAPACITOR 5/55/370V (M22, M23, M24, M25, M26)		M11 - GSC140301AE	
81	CAP050600440RTS CAPACITOR 5/60/440V (M27, M28, M29, M30, M31)		M12 - GSC140361AA	
91	4400065	CAPACITOR STRAP	M13 - GSC140361AB	
NS	0161R00009P	NAMEPLATE, GOODMAN	M14 - GSC140361AC	
			M15 - GSC140361AD	
			M16 - GSC140361AE	
			M17 - GSC140421AA	
			M18 - GSC140421AB	
			M19 - GSC140421AC	
			M20 - GSC140421AD	
			M21 - GSC140421AE	
			M22 - GSC140481AA	
			M23 - GSC140481AB	
			M24 - GSC140481AC	
			M25 - GSC140481AD	
			M26 - GSC140481AE	
			M27 - GSC140601AA	
			M28 - GSC140601AB	
			M29 - GSC140601AC	
			M30 - GSC140601AD	
			M31 - GSC140601AE	

Basepan / Compressor / Tubing Assembly



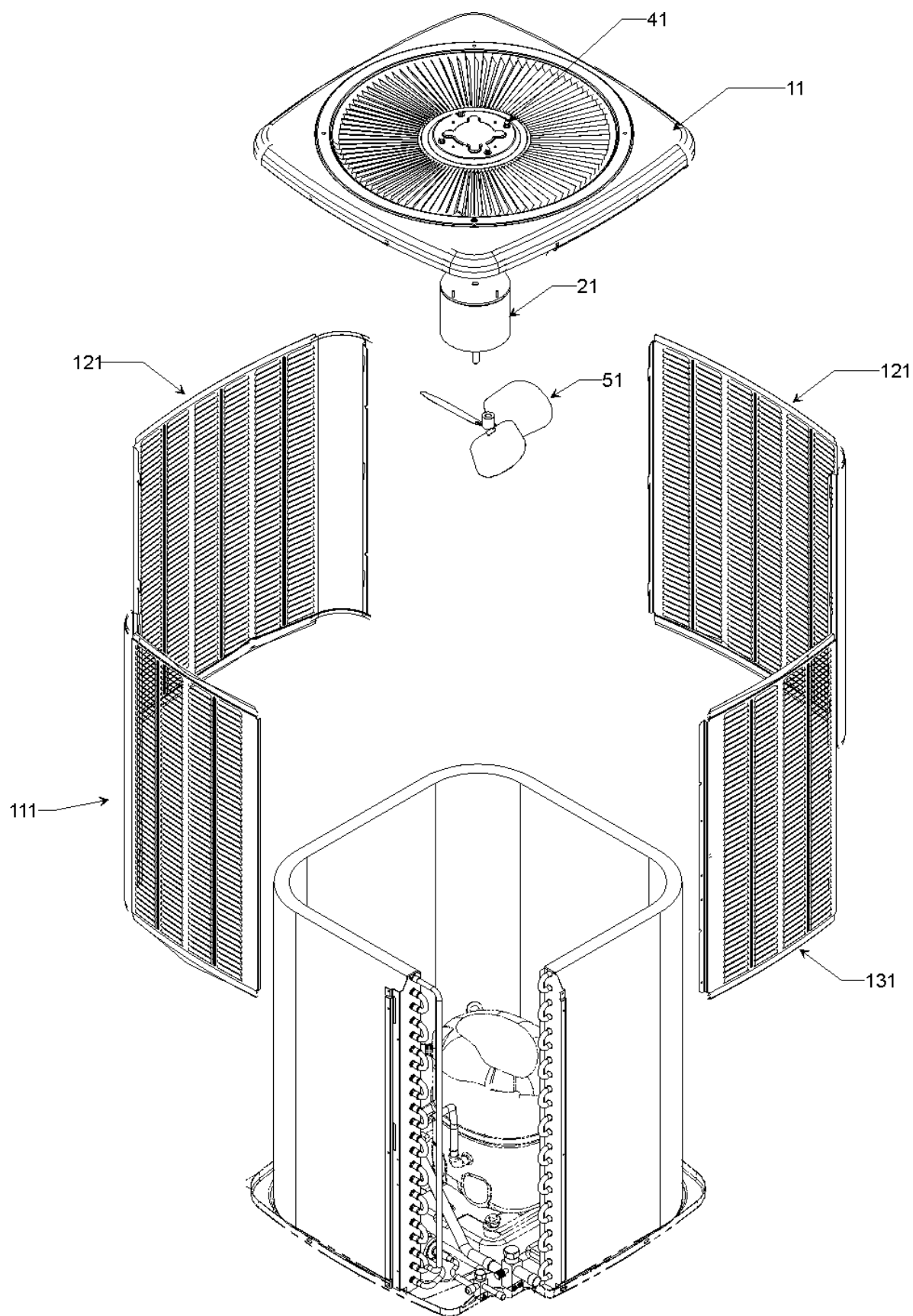
TOP VIEW



Basepan / Compressor / Tubing Assembly

Ref Part No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>		NS B1789874	FLOW CHECK PISTON KIT (M12, M13, M14, M15, M16)
11 0201R00127S	SERVICE COIL ASSY (M3, M6)	NS B1789878	FLOW CHECK PISTON KIT (M17, M18, M19, M20, M21)
11 0201R00130S	SERVICE COIL ASSY (M10, M11)	NS B1789884	FLOW CHECK PISTON KIT (M22, M23, M24, M25, M26)
11 0201R00132S	SERVICE COIL ASSY (M15, M16)	NS B1789896	FLOW CHECK PISTON KIT (M27, M28, M29, M30, M31)
11 0201R00134S	SERVICE COIL ASSY (M20, M21, M25, M26)	Expanded Model Nomenclature	
11 0201R00137S	SERVICE COIL ASSY (M30, M31)		
11 1362107	SERVICE COIL ASSY (M7, M8, M9)	M1 - GSC140181AA M2 - GSC140181AB M3 - GSC140181AC M4 - GSC140241AA M5 - GSC140241AB M6 - GSC140241AC M7 - GSC140301AA M8 - GSC140301AB M9 - GSC140301AC M10 - GSC140301AD M11 - GSC140301AE M12 - GSC140361AA M13 - GSC140361AB M14 - GSC140361AC M15 - GSC140361AD M16 - GSC140361AE M17 - GSC140421AA M18 - GSC140421AB M19 - GSC140421AC M20 - GSC140421AD M21 - GSC140421AE M22 - GSC140481AA M23 - GSC140481AB M24 - GSC140481AC M25 - GSC140481AD M26 - GSC140481AE M27 - GSC140601AA M28 - GSC140601AB M29 - GSC140601AC M30 - GSC140601AD M31 - GSC140601AE	
11 1362108	SERVICE COIL ASSY (M1, M2, M4, M5)		
11 1362109	SERVICE COIL ASSY (M12, M13, M14)		
11 1362110	SERVICE COIL ASSY (M17, M18, M19, M22, M23, M24)		
11 1362111	SERVICE COIL ASSY (M27, M28, M29)		
31 0151R00002P	SERVICE VALVE 3/4" OPEN LEFT (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11)		
31 0151R00003P	SERVICE VALVE 7/8" OPEN LEFT (M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29, M30, M31)		
41 B12825171	SERVICE VALVE 3/8" OPEN		
51 ZR16KAPFV830	COMPRESSOR 16500, 208/230/60/1 (M1, M2, M3)		
51 ZR21KAPFV830	COMPRESSOR 21000, 208/230/60/1 (M4, M5, M6)		
51 ZR24K4PFV930	COMPRESSOR 24000, 208/230/60/1 (M7, M8, M9, M10, M11)		
51 ZR28KAPFV830	COMPRESSOR 28500, 208/230/60/1 (M12, M13, M14, M15, M16)		
51 ZR34KAPFV830	COMPRESSOR 34400, 208/230/60/1 (M17, M18, M19, M20, M21)		
51 ZR38KAPFV830	COMPRESSOR 38000, 208/230/60/1 (M22, M23, M24, M25, M26)		
51 ZR48K3PFV935	COMPRESSOR 49800, 208/230/60/1 (M31)		
51 ZR48K3PFV935	COMPRESSOR 49800, 208/230/60/1 (M27, M28, M29, M30)		
61 B1339533	COMPRESSOR GROMMET (QTY 4)		
71 M0221641	TF SHOULDER SCREW (QTY 4)		
81 B1219212	SINGLE-FLOW FILTER DRIER, STEEL (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)		
81 B1219225	SINGLE-FLOW FILTER DRIER, STEEL (M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29, M30, M31)		
141 0121R00005PDG	BASEPAN 26" (M1, M2, M3, M4, M5, M6)		
141 0121R00006PDG	BASEPAN 29" (M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)		
141 0121R00007PDG	BASEPAN 35" (M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29, M30, M31)		
181 B1393509	SCREW, HWH, 10X3/4, AB, BZ, SLOT (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10)		
NS 0159R00000P	COMPRESSOR HARNESS 36" (M1, M2, M3, M4, M5, M6)		
NS 0159R00002P	COMPRESSOR HARNESS 46" (M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26)		
NS B1789853	FLOW CHECK PISTON KIT (M1, M2, M3)		
NS B1789861	FLOW CHECK PISTON KIT (M4, M5, M6)		
NS B1789867	FLOW CHECK PISTON KIT (M7, M8, M9, M10, M11)		

Cabinet Top / Side Panels



Cabinet Top / Side Panels

Ref Part No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>		Expanded Model Nomenclature	
11	0121R00008PDG TOP PANEL 26" (M1, M2, M3, M4, M5, M6)	M1 - GSC140181AA	
11	0121R00010PDG TOP PANEL 29" (M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)	M2 - GSC140181AB	
11	0121R00012PDG TOP PANEL 35" (M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29, M30, M31)	M3 - GSC140181AC	
21	0131M00019PS MOTOR 1/12 HP, 1 SP, 8 PL (M1, M2, M3, M4, M5, M6)	M4 - GSC140241AA	
21	0131M00014PS MOTOR 1/4 HP, 1 SP, 8 PL (M12, M13, M15, M17, M18, M20, M22, M23, M25, M27, M28, M30)	M5 - GSC140241AB	
21	0131M00061 MOTOR 1/4 HP, 1 SP, 8 PL (M14, M16, M19, M21, M24, M26, M29, M31)	M6 - GSC140241AC	
21	0131M00060 MOTOR 1/6 HP 1 SP 8 PL (M9, M11)	M7 - GSC140301AA	
21	0131M00016PS MOTOR 1/6 HP, 1 SP, 8 PL (M7, M8, M10)	M8 - GSC140301AB	
41	0163M00006P ACORN NUT 5/16 HEX BLACK (M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29, M30, M31)	M9 - GSC140301AC	
41	B1783803 ACORN NUT 5/16 HEX YELLOW ZINC (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10)	M10 - GSC140301AD	
51	0150M00009S FAN BLADE 20" (M1, M2, M3, M4, M5, M6)	M11 - GSC140301AE	
51	0150M00008 FAN BLADE 22" TNT2203-25 (M8, M9, M10, M11, M13, M14, M15, M16)	M12 - GSC140361AA	
51	10625738S FAN BLADE 26" ALUM CCW (M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29, M30, M31)	M13 - GSC140361AB	
51	0150M00008S FAN BLADE TYPE 2 (M7, M12)	M14 - GSC140361AC	
111	0121R00043PDGB LOUVERED BENT PANEL (M29, M30)	M15 - GSC140361AD	
111	0121R00015PDG LOUVERED SIDE PANEL (M1, M2, M3, M4, M5, M6)	M16 - GSC140361AE	
111	0121R00024PDG LOUVERED SIDE PANEL (M7, M8, M9, M10, M11)	M17 - GSC140421AA	
111	0121R00025PDG LOUVERED SIDE PANEL (M12, M13, M14, M15, M16)	M18 - GSC140421AB	
111	0121R00043PDG LOUVERED SIDE PANEL (M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M31)	M19 - GSC140421AC	
121	0121R00047PDGB LOUVERED BENT PANEL (M29, M30)	M20 - GSC140421AD	
121	0121R00018PDG LOUVERED SIDE PANEL (M1, M2, M3, M4, M5, M6)	M21 - GSC140421AE	
121	0121R00030PDG LOUVERED SIDE PANEL (M7, M8, M9, M10, M11)	M22 - GSC140481AA	
121	0121R00031PDG LOUVERED SIDE PANEL (M12, M13, M14, M15, M16)	M23 - GSC140481AB	
121	0121R00047PDG LOUVERED SIDE PANEL (M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M31)	M24 - GSC140481AC	
131	0121R00021PDG LOUVERED SIDE PANEL (M1, M2, M3, M4, M5, M6)	M25 - GSC140481AD	
131	0121R00036PDG LOUVERED SIDE PANEL (M7, M8, M9, M10, M11)	M26 - GSC140481AE	
131	0121R00037PDG LOUVERED SIDE PANEL (M12, M13, M14, M15, M16)	M27 - GSC140601AA	
131	0121R00051PDG LOUVERED SIDE PANEL (M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29, M30, M31)	M28 - GSC140601AB	
NS	B1778800 CONDUIT-1/2" PVC	M29 - GSC140601AC	
		M30 - GSC140601AD	
		M31 - GSC140601AE	