



REPAIR PARTS

GSX16 Remote Condensing Unit

GSX160181FE
GSX160181FF
GSX160181FG
GSX160241FF
GSX160241FG
GSX160241FH
GSX160241FJ
GSX160301FF
GSX160301FG
GSX160301FH
GSX160311AE
GSX160361FE
GSX160361FF
GSX160361FG
GSX160421FE
GSX160421FF
GSX160421FG
GSX160481FE
GSX160481FF
GSX160481FG
GSX160481FH
GSX160481FJ
GSX160601FF
GSX160601FG
GSX160611FE
GSX160611FF
GSX160611FG
GSX160611FH



This manual is to be used by qualified technicians only.

This manual replaces RP-G4303D.

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Important Information

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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:

Homeowner Support

Goodman Manufacturing Company, L.P.

19001 Kermier Road

Waller, Texas 77484

877-254-4729-Telephone

713-863-2382-Facsimile

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International Division

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Waller, Texas 77484

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Functional Parts

Part

No: Description:

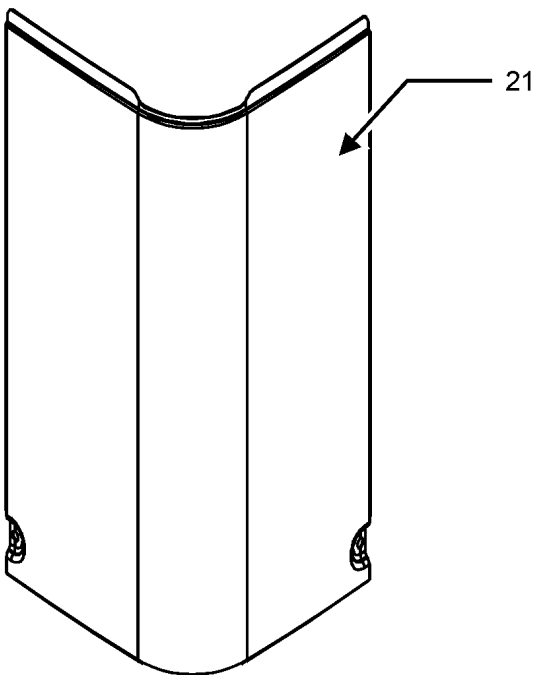
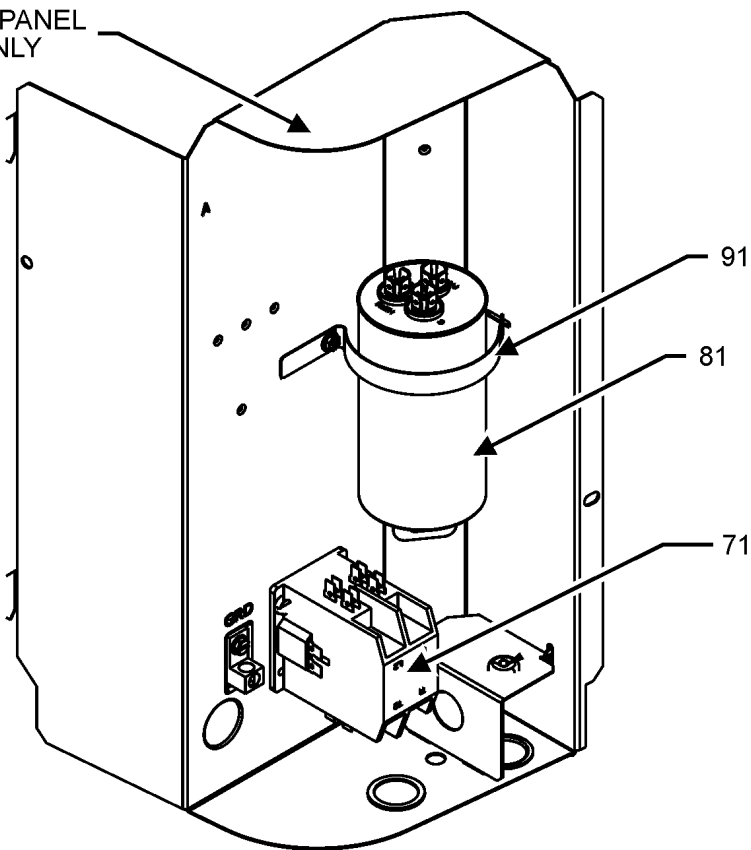
		Expanded Model Nomenclature
0151R00182	BALL VALVE 7/8" (M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)	M1 - GSX160181FE
0151R00185	BASE VALVE 3/4" (M1, M2, M3, M4, M5, M6, M7)	M2 - GSX160181FF
0151R00187	BASE VALVE 3/8"	M3 - GSX160181FG
0151R00186	BASE VALVE 7/8" (M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)	M4 - GSX160241FF
0150M00010	BLADE-FAN 26" ALUM CCW (M23, M24)	M5 - GSX160241FG
CAB050350440CS	CAP, 5/35 MFD/440V RD - BPRF (M4, M5, M6, M7)	M6 - GSX160241FH
CAB050400440CT	CAP, 5/40 MFD/440V RD - BPRF (M8, M9, M10, M11)	M7 - GSX160241FJ
CAB050450440CT	CAP, 5/45 MFD/440V RD - BPRF (M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22)	M8 - GSX160301FF
CAB050700440CT	CAP, 5/70 MFD/440V RD - BPRF (M23, M24, M25, M26, M27, M28)	M9 - GSX160301FG
CAP050300440CS	CAP,5/30MFD/440V/DUAL RD (M1, M2, M3)	M10 - GSX160301FH
ZP14K5EPFV130	COMP, 14650,208/230/60/1 (M1, M2, M3)	M11 - GSX160311AE
ZP20K5EPFV130	COMP,20000,208/230/60/1 (M4, M5, M6, M7)	M12 - GSX160361FE
ZP24K5EPFV130	COMP,24000,208/230/60/1 (M8, M9, M10, M11)	M13 - GSX160361FF
ZP29K5EPFV130	COMP,29000,208/230/60/1 (M12, M13, M14)	M14 - GSX160361FG
ZP34K5EPFV130	COMP,34500,208/230/60/1 (M15, M16, M17)	M15 - GSX160421FE
ZP36K5EPFV130	COMP,36200,208/230/60/1 (M18, M19, M20, M21, M22)	M16 - GSX160421FF
ZP44K5EPFV130	COMP,44400,280/230/60/1 (M23, M24)	M17 - GSX160421FG
ZP49K5EPFV130	COMP,49400,208/230/60/1 (M25, M26, M27, M28)	M18 - GSX160481FE
CONT1P030024V	CONT, 1 POLE, 30 AMP, 24 VAC	M19 - GSX160481FF
0131M00761	ECM MOTOR - PROGRAMMED (IGBT) (M23, M24)	M20 - GSX160481FG
0150M00008	FAN BLADE, 22" TNT2203-25 (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14)	M21 - GSX160481FH
0163R00003	HEATER, CRANKCASE 230V 40W (M23, M24)	M22 - GSX160481FJ
0131M00061	MOTOR, 1/4HP, 1SP, 8PL (M18, M25)	M23 - GSX160601FF
0131M00968	MOTOR, 1/4HP, 1SP, 8PL, AL (M22, M28)	M24 - GSX160601FG
0131M00807	MOTOR, 1/4HP,1SP,8PL,AL (M19, M20, M21, M26, M27)	M25 - GSX160611FE
0131M00753	MOTOR, 1/6HP, 1SP, 8PL, AL (M1, M2, M4, M5, M6, M8, M9, M12, M13, M15, M16, M17)	M26 - GSX160611FF
0131M00971	MOTOR, 1/6HP, 1SP, 8PL, AL (M3, M7, M10, M11, M14)	M27 - GSX160611FG
0130M00089	SW-CUTOUT HI PRESS (M11)	M28 - GSX160611FH

SPECIAL PARTS

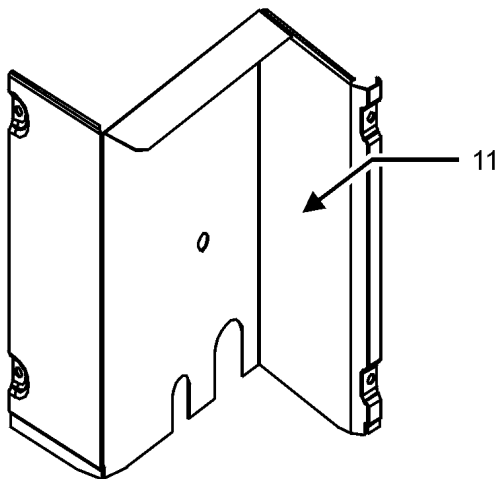
0161R00088	CAP, GRILL (M23, M24)
0161R00092	NAMEPLATE, GOODMAN

Control Box Assembly

CONTROL BOX PANEL
REFERENCE ONLY



UPPER ACCESS PANEL



LOWER ACCESS PANEL

Control Box Assembly

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

11	0121R00909PDG	PNL, LWR ACCESS (M11, M12, M13, M14, M18, M19, M20, M21, M22, M25, M26, M27, M28)
11	0121R00911PDG	PNL, LWR ACCESS (M23, M24)
11	0121R00912PDG	PNL, LWR ACCESS (M8, M9, M10, M15, M16, M17)
11	0121R00919PDG	PNL, LWR ACCESS (M1, M2, M3, M4, M5, M6, M7)
21	0121R00937PDG	CONTROL COVER, PNT
71	CONT1P030024V	CONT, 1 POLE, 30 AMP, 24 VAC
81	CAB050350440CS	CAP, 5/35 MFD/440V RD - BPRF (M4, M5, M6, M7)
81	CAB050400440CT	CAP, 5/40 MFD/440V RD - BPRF (M8, M9, M10, M11)
81	CAB050450440CT	CAP, 5/45 MFD/440V RD - BPRF (M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22)
81	CAB050700440CT	CAP, 5/70 MFD/440V RD - BPRF (M23, M24, M25, M26, M27, M28)
81	CAP050300440CS	CAP, 5/30MFD/440V/DUAL RD (M1, M2, M3)
91	4400065	CAPACITOR STRAP
NS	0161R00092	NAMEPLATE, GOODMAN

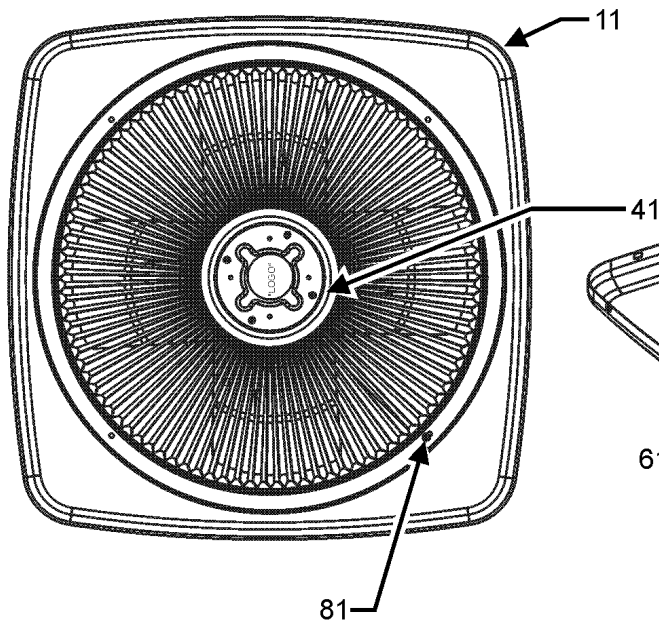
Expanded Model Nomenclature

M1 - GSX160181FE
 M2 - GSX160181FF
 M3 - GSX160181FG
 M4 - GSX160241FF
 M5 - GSX160241FG
 M6 - GSX160241FH
 M7 - GSX160241FJ
 M8 - GSX160301FF
 M9 - GSX160301FG
 M10 - GSX160301FH
 M11 - GSX160311AE
 M12 - GSX160361FE
 M13 - GSX160361FF
 M14 - GSX160361FG
 M15 - GSX160421FE
 M16 - GSX160421FF
 M17 - GSX160421FG
 M18 - GSX160481FE
 M19 - GSX160481FF
 M20 - GSX160481FG
 M21 - GSX160481FH
 M22 - GSX160481FJ
 M23 - GSX160601FF
 M24 - GSX160601FG
 M25 - GSX160611FE
 M26 - GSX160611FF
 M27 - GSX160611FG
 M28 - GSX160611FH

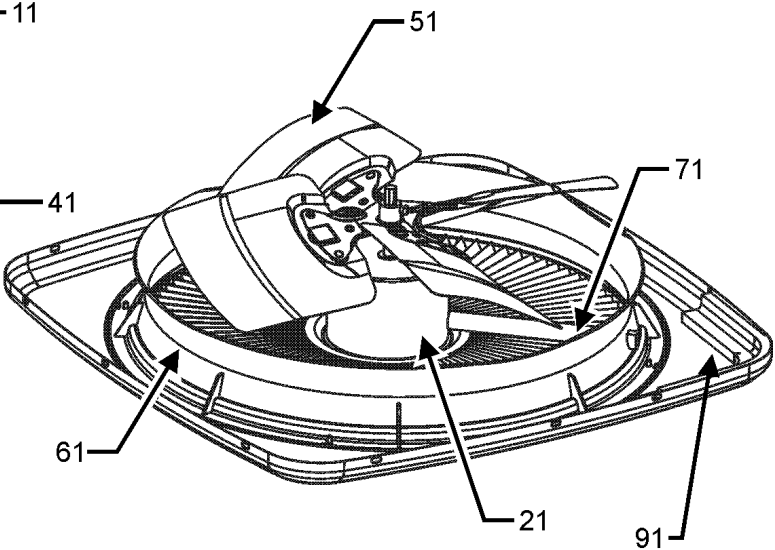
Cabinet Top and Side Panel Assy

TOP PANEL ASSEMBLY

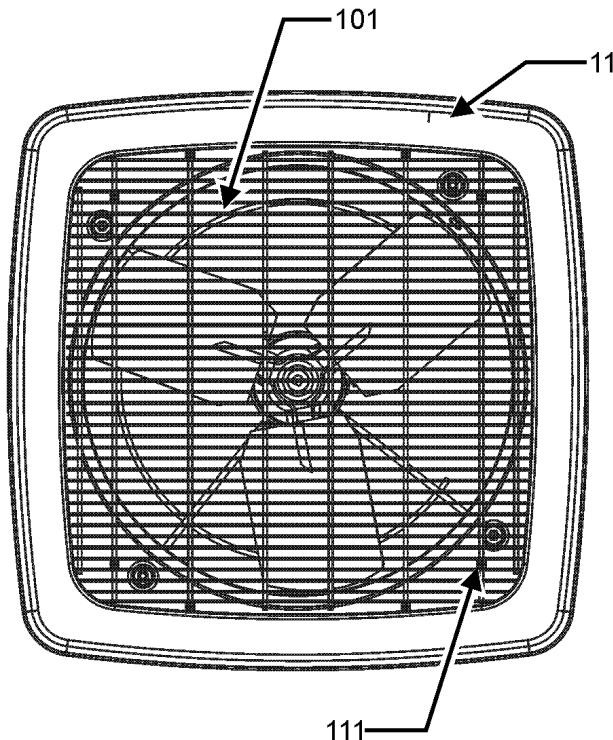
TOP VIEW



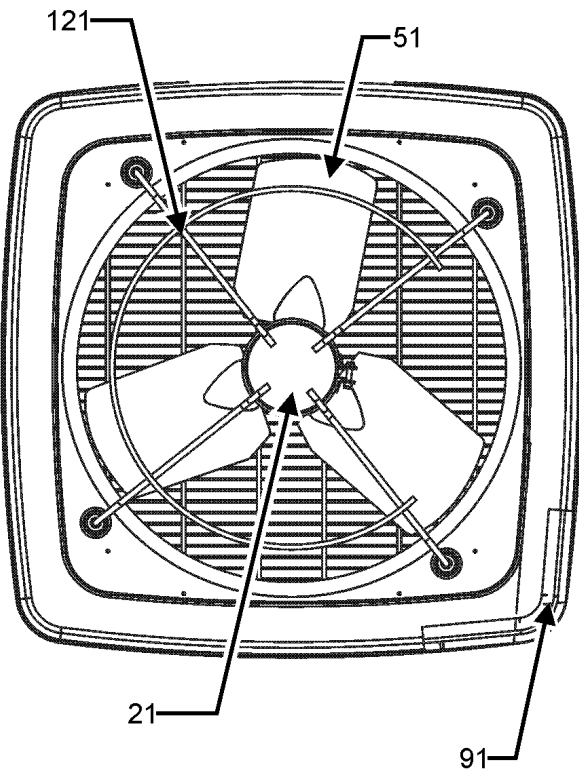
SIDE VIEW



TOP VIEW



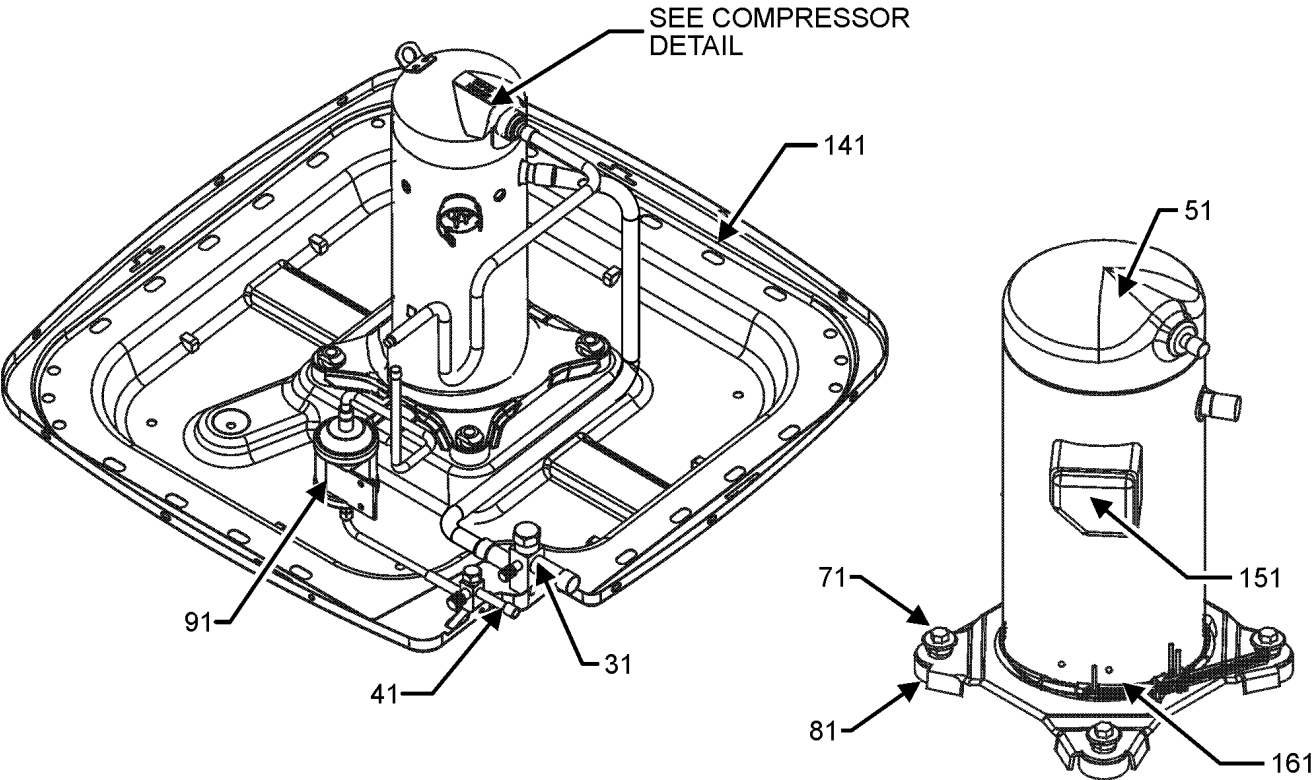
BOTTOM VIEW



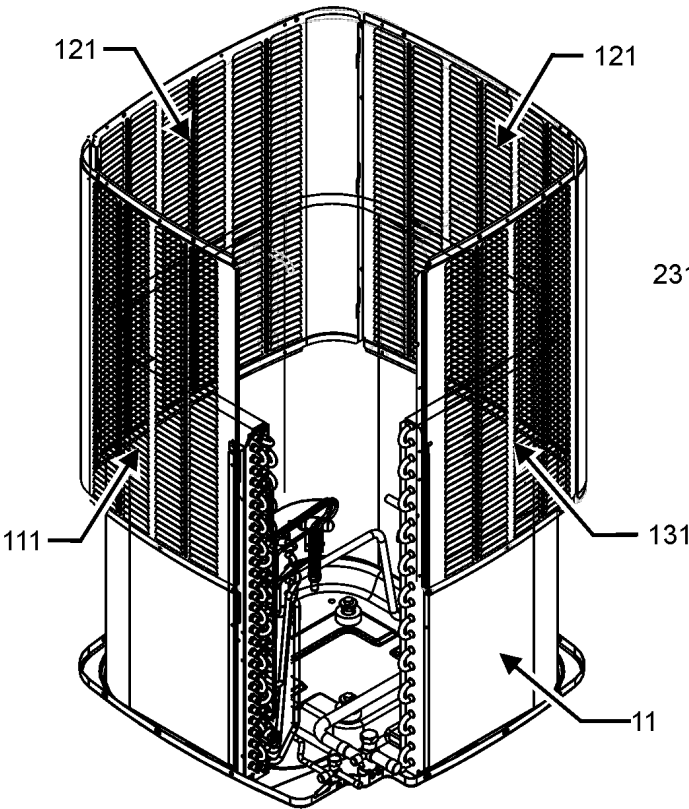
Cabinet Top and Side Panel Assy

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:		Expanded Model Nomenclature	
11	0121R00010PDG	TOP PANEL 29" (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14)	M1 - GSX160181FE M2 - GSX160181FF M3 - GSX160181FG M4 - GSX160241FF M5 - GSX160241FG M6 - GSX160241FH M7 - GSX160241FJ M8 - GSX160301FF M9 - GSX160301FG M10 - GSX160301FH M11 - GSX160311AE M12 - GSX160361FE M13 - GSX160361FF M14 - GSX160361FG M15 - GSX160421FE M16 - GSX160421FF M17 - GSX160421FG M18 - GSX160481FE M19 - GSX160481FF M20 - GSX160481FG M21 - GSX160481FH M22 - GSX160481FJ M23 - GSX160601FF M24 - GSX160601FG M25 - GSX160611FE M26 - GSX160611FF M27 - GSX160611FG M28 - GSX160611FH
11	0121R00269PDG	Top Panel, 35" Pnt (M15, M16, M17, M18, M19, M20, M21, M22, M25, M26, M27, M28)	
11	0121R00013PDG	VENTURI TOP PANEL 35" (M23, M24)	
21	0131M00761	ECM MOTOR - PROGRAMMED (IGBT) (M23, M24)	
21	0131M00061	MOTOR, 1/4HP, 1SP, 8PL (M18, M25)	
21	0131M00968	MOTOR, 1/4HP, 1SP, 8PL, AL (M22, M28)	
21	0131M00807	MOTOR, 1/4HP, 1SP, 8PL, AL (M19, M20, M21, M26, M27)	
21	0131M00753	MOTOR, 1/6HP, 1SP, 8PL, AL (M1, M2, M4, M5, M6, M8, M9, M12, M13, M15, M16, M17)	
21	0131M00971	MOTOR, 1/6HP, 1SP, 8PL, AL (M3, M7, M10, M11, M14)	
41	0163M00006P	ACORN NUT 5/16 HEX BLACK (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M25, M26, M27, M28)	
51	0150M00010	BLADE-FAN 26" ALUM CCW (M23, M24)	
51	10625738	BLADE-FAN 26" ALUM CCW (M18, M25)	
51	0150M00008	FAN BLADE, 22" TNT2203-25 (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14)	
51	0150M00066	FAN BLADE, 26" (M15, M16, M17, M19, M20, M21, M22, M26, M27, M28)	
61	0161R00048	MOLDED RING-VENTURI 22 (M11)	
61	0161R00007P	RING, VENTURI 35" (M15, M16, M17, M18, M19, M20, M21, M22, M25, M26, M27, M28)	
61	0161L00000	RING-VENTURI 22 (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M12, M13, M14)	
71	0161R00123	CONDUIT (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14)	
71	0161R00125	CONDUIT (M15, M16, M17, M18, M19, M20, M21, M22, M25, M26, M27, M28)	
81	0163M00004	SCREW #10X3/4", BLACK (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M25, M26, M27, M28)	
91	0154R00045	GASKET, CONTROL PANEL	
101	0152R00016	GRILLE, WIRE 35" TOP (M23, M24)	
111	0163M00003P	SCREW, #10 X 1/2, A, SLOT, SR, BLK (QTY 3)	
121	0121R00003	BRACKET, MOTOR MOUNT (M23, M24)	
NS	0161R00088	CAP, GRILL (M23, M24)	
NS	B1393024	LOCK NUT (M23, M24)	
NS	B1393804	NYLON LOCKNUT, .31 - 18 (M23, M24)	
NS	0163M00129	SCREW H2 .31 X 1.52 (M23, M24)	
NS	0163M00005P	WASHER, BLACK (.50 OD .218D) (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M25, M26, M27, M28)	

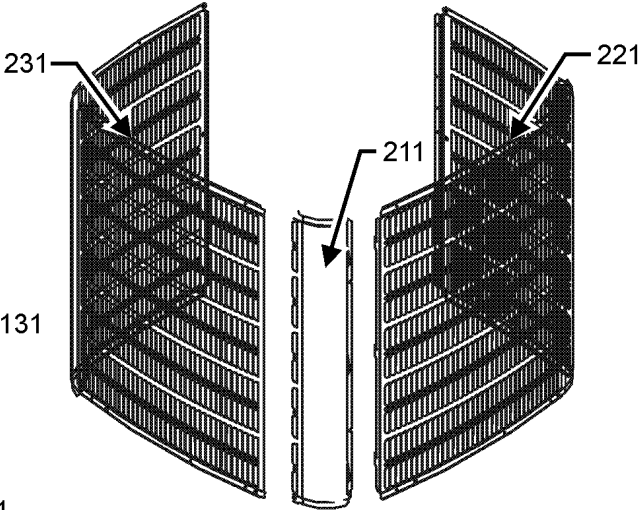
Compressor and Tubing Assembly



COMPRESSOR
DETAIL



LOUVER PANEL ASSEMBLY
STYLE 1



LOUVER PANEL ASSEMBLY
STYLE 2

Compressor and Tubing Assembly

Ref. Part No: No:	Description:		Ref. Part No: No:	Description:	
Image 1:			Image 1:		
11	0201R00434	COIL TBG 36XL 5CR (M23, M24)	211	0121R00352PDG	Louver Post, PDG 32.51 (M8, M9, M10)
11	0201R00296	COIL TUBING ASSEMBLY (M1, M2, M3, M4, M5, M6, M7)	211	0121R00354PDG	Louver Post, PDG 36.30 (M11, M12, M13, M14)
11	0201R00236	COIL TUBING ASSY (M11, M12, M13, M14)	221	0121R00342PDGRS	Louver Panel, PDG 29" 28.73 (M1, M2, M3, M4, M5, M6, M7)
11	0201R00311	COIL TUBING ASSY (M15, M16, M17)	221	0121R00344PDGRS	Louver Panel, PDG 29" 32.51 (M8, M9, M10)
11	0201R00315	COIL TUBING ASSY (M8, M9, M10)	221	0121R00346PDGRS	Louver Panel, PDG 29" 36.30 (M11, M12, M13, M14)
11	0201R00433	COIL TUBING ASSY (M18, M19, M20, M21, M22, M25, M26, M27, M28)	231	0121R00342PDGLS	LOUVERED PANEL (M1, M2, M3, M4, M5, M6, M7)
31	0151R00182	BALL VALVE 7/8" (M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)	231	0121R00344PDGLS	LOUVERED PANEL (M8, M9, M10)
31	0151R00185	BASE VALVE 3/4" (M1, M2, M3, M4, M5, M6, M7)	231	0121R00346PDGLS	LOUVERED PANEL (M11, M12, M13, M14)
31	0151R00186	BASE VALVE 7/8" (M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)	NS	B1789849	FLOW CHECK PISTON (M1, M2, M3)
41	0151R00187	BASE VALVE 3/8"	NS	B1789857	FLOW CHECK PISTON KIT (M4, M5, M6, M7)
51	ZP14K5EPFV130	COMP, 14650,208/230/60/1 (M1, M2, M3)	NS	B1789865	FLOW CHECK PISTON KIT (M8, M9, M10, M11)
51	ZP20K5EPFV130	COMP,20000,208/230/60/1 (M4, M5, M6, M7)	NS	B1789872	FLOW CHECK PISTON KIT (M12, M13, M14)
51	ZP24K5EPFV130	COMP,24000,208/230/60/1 (M8, M9, M10, M11)	NS	B1789874	FLOW CHECK PISTON KIT (M15, M16, M17)
51	ZP29K5EPFV130	COMP,29000,208/230/60/1 (M12, M13, M14)	NS	B1789878	FLOW CHECK PISTON KIT (M18, M19, M20, M21, M22)
51	ZP34K5EPFV130	COMP,34500,208/230/60/1 (M15, M16, M17)	NS	B1789886	FLOW CHECK PISTON KIT (M23, M24)
51	ZP36K5EPFV130	COMP,36200,208/230/60/1 (M18, M19, M20, M21, M22)	NS	B1789888	FLOW CHECK PISTON KIT (M25, M26, M27, M28)
51	ZP44K5EPFV130	COMP,44400,280/230/60/1 (M23, M24)	NS	0130M00089	SW-CUTOUT HI PRESS (M11)
51	ZP49K5EPFV130	COMP,49400,208/230/60/1 (M25, M26, M27, M28)	Expanded Model Nomenclature		
71	M0221641	TF SHOULDER SCREW (QTY 4)	M1 - GSX160181FE M2 - GSX160181FF M3 - GSX160181FG M4 - GSX160241FF M5 - GSX160241FG M6 - GSX160241FH M7 - GSX160241FJ M8 - GSX160301FF M9 - GSX160301FG M10 - GSX160301FH M11 - GSX160311AE M12 - GSX160361FE M13 - GSX160361FF M14 - GSX160361FG M15 - GSX160421FE M16 - GSX160421FF M17 - GSX160421FG M18 - GSX160481FE M19 - GSX160481FF M20 - GSX160481FG M21 - GSX160481FH M22 - GSX160481FJ M23 - GSX160601FF M24 - GSX160601FG M25 - GSX160611FE M26 - GSX160611FF M27 - GSX160611FG M28 - GSX160611FH		
81	B1339533	COMPRESSOR GROMMET (QTY 4)			
91	0162R00057	FILTER DRIER			
111	0121R00228PDG	PANEL 1, LOUVER 35, 5MM, PNT (M15, M16, M17)			
111	0121R00043PDG	PANEL 1, LOUVER 35_36.0 PNT (M23, M24)			
111	0121R00229PDG	PANEL 1, LOUVER 35, 37.8 5MM, PNT (M18, M19, M20, M21, M22, M25, M26, M27, M28)			
121	0121R00232PDG	PANEL 2, LOUVER 35 (M18, M19, M20, M21, M22, M25, M26, M27, M28)			
121	0121R00231PDG	PANEL 2, LOUVER 35, 5MM, PNT (M15, M16, M17)			
121	0121R00047PDG	PANEL 2, LOUVER 35_36.0 PNT (M23, M24)			
131	0121R00234PDG	LOUVERED SIDE PANEL [RT OF CNTL PNL] (M15, M16, M17)			
131	0121R00235PDG	LOUVERED SIDE PANEL [RT OF CNTL PNL] (M18, M19, M20, M21, M22, M25, M26, M27, M28)			
131	0121R00051PDG	PANEL 3, LOUVER 35_36.0 PNT (M23, M24)			
141	0121R00006PDG	BASE PAN 29" (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14)			
141	0121R00007PDG	BASE PAN 35" (M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)			
151	0159R00020	HARNESS, COMP SCROLL (M2, M3, M6, M7, M11, M13, M14)			
151	0159R00021	HARNESS, COMP SCROLL (M17)			
151	0159R00001P	HARNESS, COMP SCROLL 130 42" (M1, M4, M5, M8, M9, M10, M12)			
151	0159R00002P	HARNESS, COMP SCROLL 130 46" (M15, M16, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)			
161	0163R00003	HEATER, CRANKCASE 230V 40W (M23, M24)			
211	0121R00350PDG	Louver Post, PDG 28.73 (M1, M2, M3, M4, M5, M6, M7)			