



REPAIR PARTS

GSX16 "S" Remote Condensing Unit

GSX16S181AA
GSX16S181AB
GSX16S241AA
GSX16S241AB
GSX16S301AA
GSX16S301AB
GSX16S301AC
GSX16S361AA
GSX16S361AB
GSX16S421AA
GSX16S481AA
GSX16S481AB



This manual is to be used by qualified technicians only.

This manual replaces RP-G4320C.

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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

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:**

50N382YV-ZAKQ	1.5T RECHI COMPRESSOR (4-LEGS) (M1,
50N492ZV-ZAKM	2.0TONRECHI COMPR.4 LEGS (M3, M4)
0151R00185	BASE VALVE 3/4" (M1, M2, M3, M4)
0151R00187	BASE VALVE 3/8"
0151R00182	BASE VALVE 7/8" (M11, M12)
0151R00186	BASE VALVE 7/8" (M5, M6, M7, M8, M9, M10)
CAP050350440CS	CAPACITOR 5/35/440V (M1, M2)
CAP050400440CT	CAPACITOR 5/40/440V/DUAL RD (M5, M6, M7)
CAP050450440CT	CAPACITOR 5/45/440V/DUAL RD (M3, M4, M8, M9, M10, M11, M12)
0130R00116	CAPACITOR, HARD START (M1, M2, M3, M4)
ZP24K5EPFV130	COMP,24000,208/230/60/1 (M5, M6, M7)
ZP29K5EPFV130	COMP,29000,208/230/60/1 (M8, M9)
ZP34K5EPFV130	COMPRESSOR 34500, 208/230/60/1 (M10)
ZP36K5EPFV130	COMPRESSOR 36200, 208/230/60/1 (M11, M12)
CONT1P025024V	CONTACTOR 25 AMP, 1P, 24V (M1, M2, M3, M4, M8, M9)
CONT1P030024V	CONTACTOR 30 AMP, 1P, 24V (M5, M6, M7, M10, M11, M12)
0150M00008	FAN BLADE, 22" TNT2203-25 (M1, M2, M3, M4, M5, M6, M7, M8, M9)
0150M00066	FAN BLADE, 26" (M10, M11, M12)
0131M00968	MOTOR, 1/4HP, 1SP, 8PL, AL (M12)
0131M00807	MOTOR, 1/4HP,1SP,8PL,AL (M11)
0131M00753	MOTOR, 1/6HP, 1SP, 8PL, AL (M1, M3, M5, M6, M8, M10)
0131M00971	MOTOR, 1/6HP, 1SP, 8PL, AL (M2, M4, M7, M9)
0130M00441	RELAY, HARD START (M1, M2, M3, M4)
0130M00089	SW-CUTOUT HI PRESS (M1, M2, M3, M4)

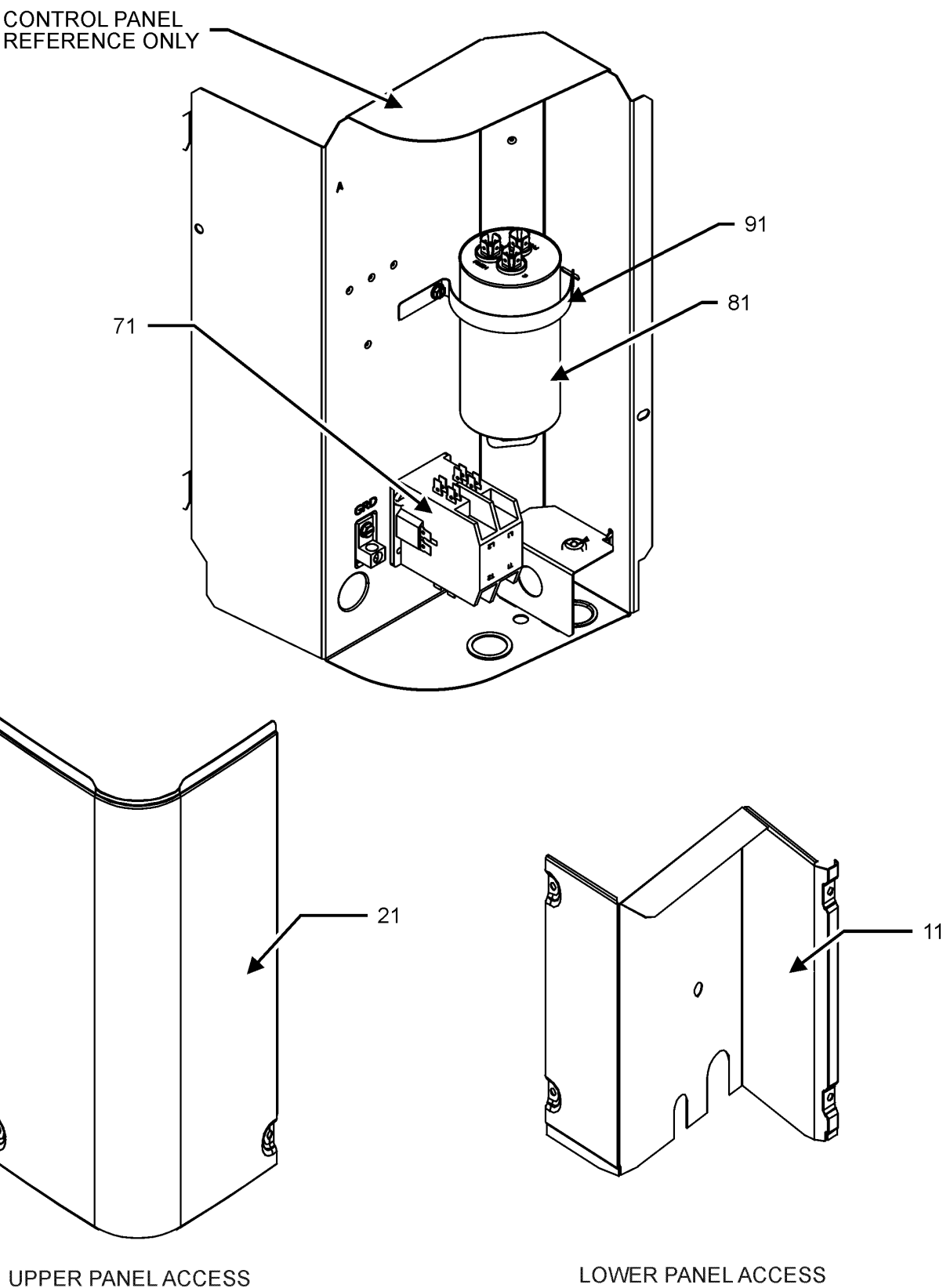
SPECIAL PARTS

0161R00092 NAMEPLATE, GOODMAN

Expanded Model Nomenclature

M1 - GSX16S181AA
M2 - GSX16S181AB
M3 - GSX16S241AA
M4 - GSX16S241AB
M5 - GSX16S301AA
M6 - GSX16S301AB
M7 - GSX16S301AC
M8 - GSX16S361AA
M9 - GSX16S361AB
M10 - GSX16S421AA
M11 - GSX16S481AA
M12 - GSX16S481AB

Control Box Assembly



Control Box Assembly

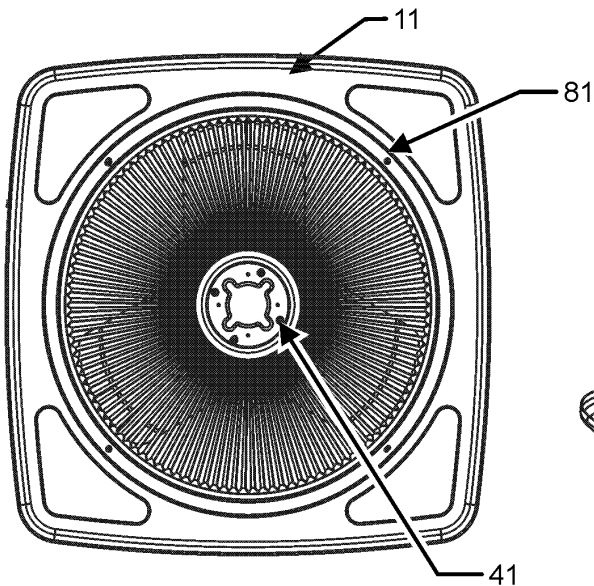
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0121R00909PDG		PNL, LWR ACCESS (M8, M9, M11, M12)
11	0121R00912PDG		PNL, LWR ACCESS (M5, M6, M7, M10)
11	0121R00919PDG		PNL, LWR ACCESS (M1, M2, M3, M4)
21	0121R00053PDG		CONTROL COVER
71	CONT1P025024V		CONTACTOR 25 AMP, 1P, 24V (M1, M2, M3, M4, M8, M9)
71	CONT1P030024V		CONTACTOR 30 AMP, 1P, 24V (M5, M6, M7, M10, M11, M12)
81	CAP050350440CS		CAPACITOR 5/35/440V (M1, M2)
81	CAP050400440CT		CAPACITOR 5/40/440V/DUAL RD (M5, M6, M7)
81	CAP050450440CT		CAPACITOR 5/45/440V/DUAL RD (M3, M4, M8, M9, M10, M11, M12)
91	4400065		CAPACITOR STRAP
NS	0130R00116		CAPACITOR, HARD START (M1, M2, M3, M4)
NS	0161R00092		NAMEPLATE, GOODMAN
NS	0130M00441		RELAY, HARD START (M1, M2, M3, M4)

Expanded Model Nomenclature

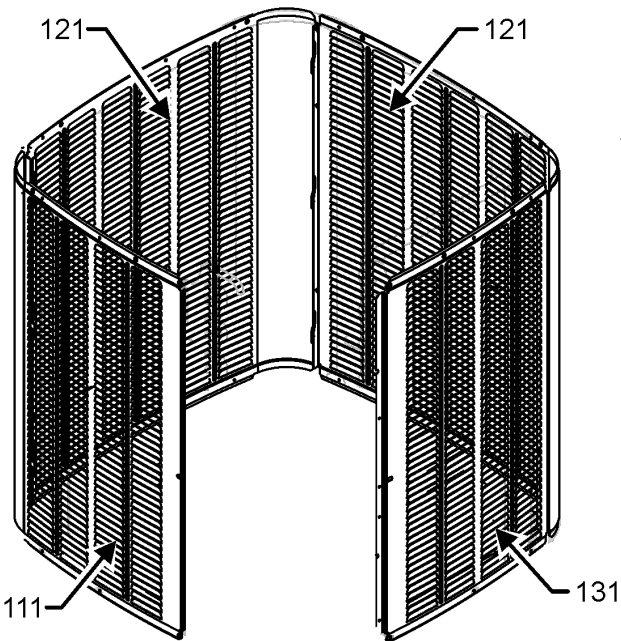
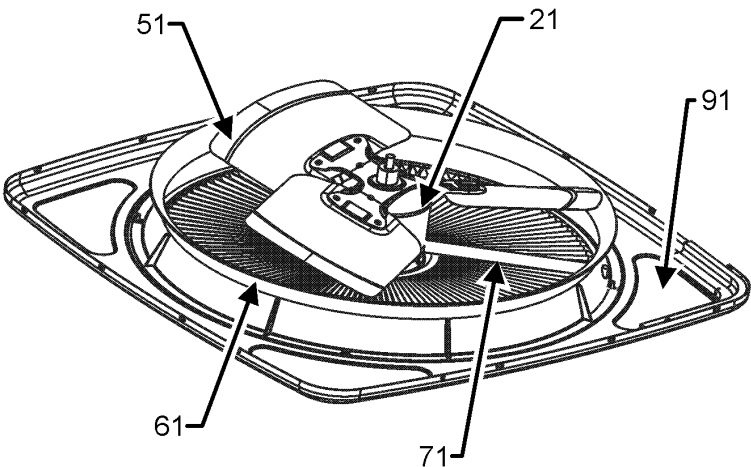
M1 - GSX16S181AA
M2 - GSX16S181AB
M3 - GSX16S241AA
M4 - GSX16S241AB
M5 - GSX16S301AA
M6 - GSX16S301AB
M7 - GSX16S301AC
M8 - GSX16S361AA
M9 - GSX16S361AB
M10 - GSX16S421AA
M11 - GSX16S481AA
M12 - GSX16S481AB

Cabinet Top and Louver Side Panel Assy

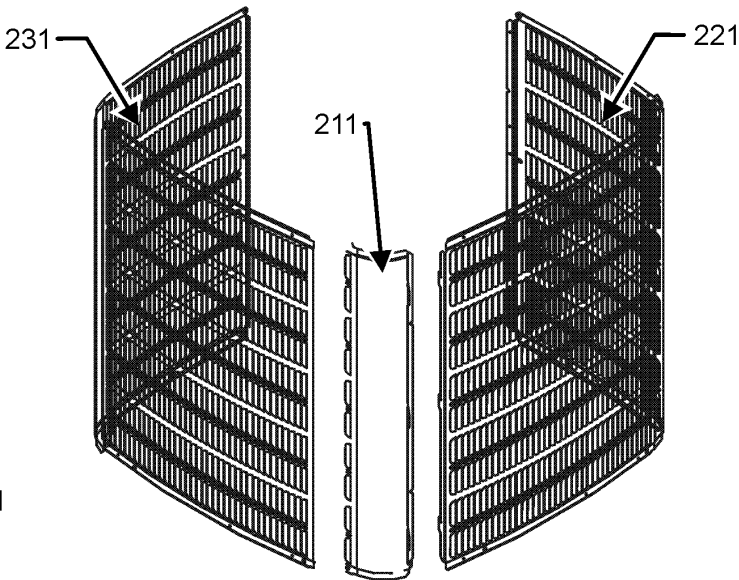
TOP PANEL ASSEMBLY
TOP VIEW



TOP PANEL ASSEMBLY
BOTTOM VIEW



LOUVER PANEL ASSEMBLY
STYLE 1



LOUVER PANEL ASSEMBLY
STYLE 2

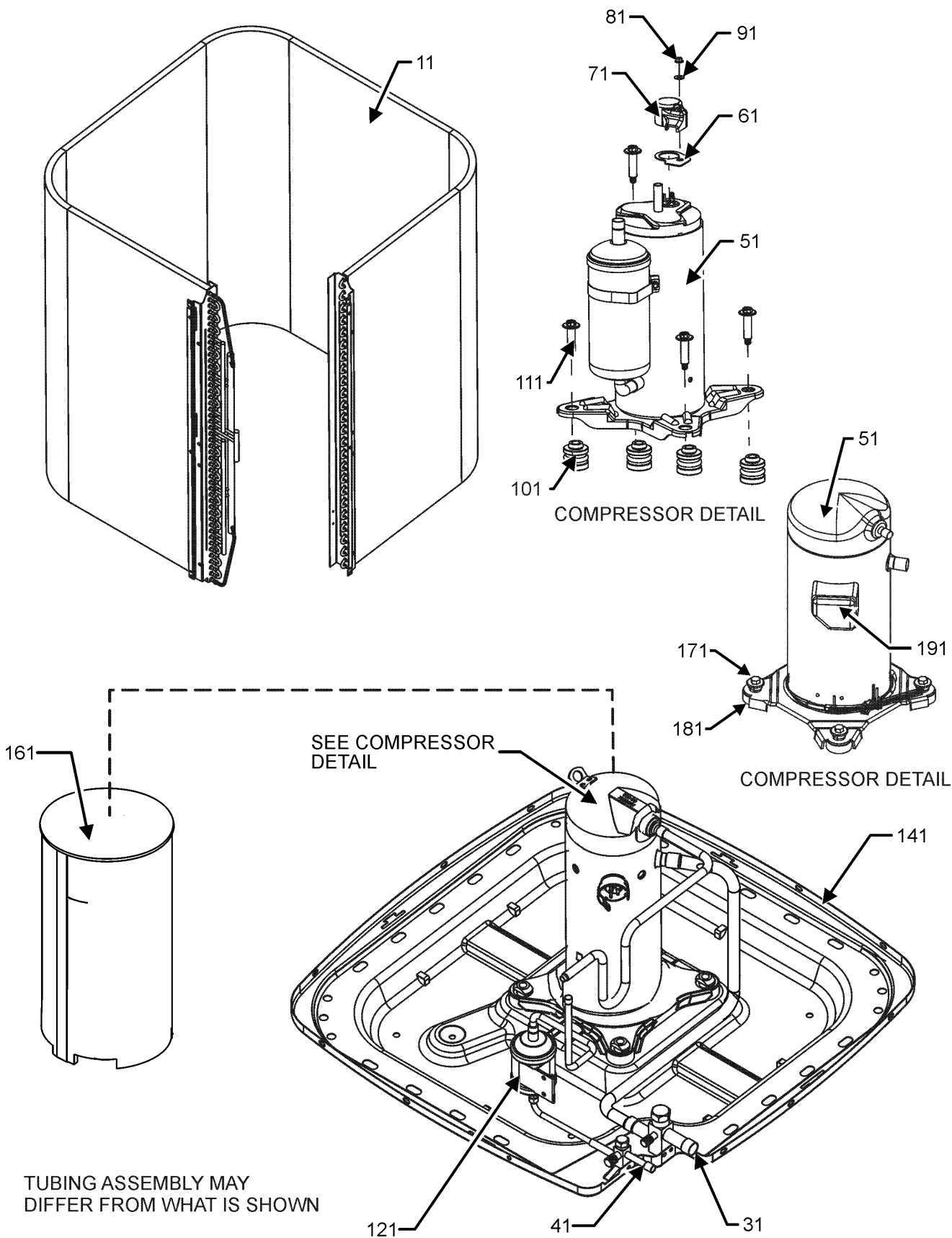
Cabinet Top and Louver Side Panel Assy

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0121R00010PDG		TOP PANEL 29" (M1, M2, M3, M4, M5, M6, M7, M8, M9)
11	0121R00269PDG		Top Panel, 35" Pnt (M10, M11, M12)
21	0131M00968		MOTOR, 1/4HP, 1SP, 8PL, AL (M12)
21	0131M00807		MOTOR, 1/4HP, 1SP, 8PL, AL (M11)
21	0131M00753		MOTOR, 1/6HP, 1SP, 8PL, AL (M1, M3, M5, M6, M8, M10)
21	0131M00971		MOTOR, 1/6HP, 1SP, 8PL, AL (M2, M4, M7, M9)
41	0163M00006P		ACORN NUT 5/16 HEX BLACK (QTY 4)
51	0150M00008		FAN BLADE, 22" TNT2203-25 (M1, M2, M3, M4, M5, M6, M7, M8, M9)
51	0150M00066		FAN BLADE, 26" (M10, M11, M12)
61	0161L00000		VENTURI RING 22" (M1, M2, M3, M4, M5, M6, M7, M8, M9)
61	0161R00007P		VENTURI RING 35" (M10, M11, M12)
71	0161R00002P		CONDUIT (M1, M2, M3, M4, M5, M6, M7, M8, M9)
71	0161R00004P		CONDUIT (M10, M11, M12)
81	0163M00004		SCREW #10X3/4", BLACK (QTY 4)
91	0154R00006		GASKET, CONTROL PANEL
111	0121R00228PDGB		LOUVERED SIDE PANEL [LT OF CNTL PNL] (M10)
111	0121R00229PDGB		LOUVERED SIDE PANEL [LT OF CNTL PNL] (M11, M12)
121	0121R00232PDGB		LOUVERED PANEL (M11, M12)
121	0121R00231PDGB		LOUVERED SIDE PANEL (M10)
131	0121R00234PDG		LOUVERED SIDE PANEL [RT OF CNTL PNL] (M10)
131	0121R00235PDG		LOUVERED SIDE PANEL [RT OF CNTL PNL] (M11, M12)
211	0121R00350PDG		Louver Post, PDG 28.73 (M1, M2, M3, M4)
211	0121R00352PDG		Louver Post, PDG 32.51 (M5, M6, M7)
211	0121R00354PDG		Louver Post, PDG 36.30 (M8, M9)
221	0121R00342PDGRS		Louver Panel, PDG 29" _28.73 (M1, M2, M3, M4)
221	0121R00344PDGRS		Louver Panel, PDG 29" _32.51 (M5, M6, M7)
221	0121R00346PDGRS		Louver Panel, PDG 29" _36.30 (M8, M9)
231	0121R00342PDGLS		LOUVERED PANEL (M1, M2, M3, M4)
231	0121R00344PDGLS		LOUVERED PANEL (M5, M6, M7)
231	0121R00346PDGLS		LOUVERED PANEL (M8, M9)
NS	0163M00005P		WASHER, BLACK (.50 OD .218D) (QTY 4)

Expanded Model Nomenclature

M1 - GSX16S181AA
M2 - GSX16S181AB
M3 - GSX16S241AA
M4 - GSX16S241AB
M5 - GSX16S301AA
M6 - GSX16S301AB
M7 - GSX16S301AC
M8 - GSX16S361AA
M9 - GSX16S361AB
M10 - GSX16S421AA
M11 - GSX16S481AA
M12 - GSX16S481AB

Compressor and Tubing Assembly



Compressor and Tubing Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:		Expanded Model Nomenclature	
11	0201R00236	COIL TUBING ASSY (M8, M9)	M1 - GSX16S181AA
11	0201R00296	COIL TUBING ASSY (M1, M2, M3, M4)	M2 - GSX16S181AB
11	0201R00311	COIL TUBING ASSY (M10)	M3 - GSX16S241AA
11	0201R00315	COIL TUBING ASSY (M5, M6, M7)	M4 - GSX16S241AB
11	0201R00433	COIL TUBING ASSY (M11, M12)	M5 - GSX16S301AA
31	0151R00185	BASE VALVE 3/4" (M1, M2, M3, M4)	M6 - GSX16S301AB
31	0151R00182	BASE VALVE 7/8" (M11, M12)	M7 - GSX16S301AC
31	0151R00186	BASE VALVE 7/8" (M5, M6, M7, M8, M9, M10)	M8 - GSX16S361AA
41	0151R00187	BASE VALVE 3/8"	M9 - GSX16S361AB
51	50N382YV-ZAKQ	1.5T RECHI COMPRESSOR (4-LEGS) (M1, M2)	M10 - GSX16S421AA
51	50N492ZV-ZAKM	2.0TONRECHI COMPR.4 LEGS (M3, M4)	M11 - GSX16S481AA
51	ZP24K5EPFV130	COMP.24000,208/230/60/1 (M5, M6, M7)	M12 - GSX16S481AB
51	ZP29K5EPFV130	COMP.29000,208/230/60/1 (M8, M9)	
51	ZP34K5EPFV130	COMPRESSOR 34500, 208/230/60/1 (M10)	
51	ZP36K5EPFV130	COMPRESSOR 36200, 208/230/60/1 (M11, M12)	
61	60100107	TERMINAL COVER GASKET (M1, M2, M3, M4)	
71	60100317	TERMINAL COVER (M1, M2, M3, M4)	
81	60100401	TERMINAL NUT - RECHI COMP (M1, M2, M3, M4)	
91	60100201	WASHER - RECHI COMPRESSOR (M1, M2, M3, M4)	
101	60140209	GROMMET - RECHI COMPRESSOR (M1, M2, M3, M4)	
111	0163M00186	SCREW-SHOULDER TF (M1, M2, M3, M4)	
121	0162R00057	FILTER DRIER	
141	0121R00006PDG	BASE PAN 29" (M1, M2, M3, M4, M5, M6, M7, M8, M9)	
141	0121R00007PDG	BASE PAN 35" (M10, M11, M12)	
161	0160M00036	COMPRESSOR BLANKET (M1, M2, M3, M4)	
171	M0221641	TF SHOULDER SCREW (M5, M6, M7, M8, M9, M10, M11, M12)	
181	B1339533	COMPRESSOR GROMMET (M5, M6, M7, M8, M9, M10, M11, M12)	
191	0159R00020	HARNESS, COMP SCROLL (M8, M9)	
191	0159R00021	HARNESS, COMP SCROLL (M10)	
191	0159R00001P	HARNESS, COMP SCROLL 130 42" (M5, M6, M7)	
191	0159R00002P	HARNESS, COMP SCROLL 130 46" (M11, M12)	
NS	B1789853	FLOW CHECK PISTON KIT (M1, M2)	
NS	B1789859	FLOW CHECK PISTON KIT (M3, M4)	
NS	B1789865	FLOW CHECK PISTON KIT (M5, M6, M7)	
NS	B1789872	FLOW CHECK PISTON KIT (M8, M9)	
NS	B1789874	FLOW CHECK PISTON KIT (M10)	
NS	B1789878	FLOW CHECK PISTON KIT (M11, M12)	
NS	0163M00004	SCREW,#10X3/4",BLK (QTY 4)	
NS	0130M00089	SW-CUTOUT HI PRESS (M1, M2, M3, M4)	