



REPAIR PARTS

GSZ14 Remote Heat Pump

GSZ140181LA

GSZ140241LA

GSZ140361LA

GSZ140361LB



This manual is to be used by qualified technicians only.

This manual replaces RP-G4316A.

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RP-G4316B

www.goodmanmfg.com

www.amana-hac.com

June 2020

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:

50N382YV-ZAKQ	1.5T RECHI COMPRESSOR (4-LEGS) (M1)
50N492ZV-ZAKQ	2.0 TON RECHI COMPR (M2)
0151R00079	BASE VALVE 3/4"
0151R00167	BASE VALVE 3/8"
CAP050350440CS	CAP, 5/35 MFD/440V/DUAL RD (M1)
CAP050450440CT	CAP, 5/45 MFD/440V/DUAL RD (M2, M3, M4)
CONT1P025024V	CONTACTOR 25 AMP, 1P, 24V
0130M00250	CONTROL, DEFROST
PCBDM133	DEFROST CONTROL BOARD
0130M00106	DISC THERMOSTAT(CRINKCS HTR SW)
0150M00008	FAN BLADE 22" TNT2203-25
0163R00006	HEATER, CRANKCASE 230V, 40W
0130M00089	HIGH PRESSURE SWITCH
APG031KAC	LG COMP,42800,208-230/60/1 (M3, M4)
0130M00088	LOW PRESSURE SWITCH
0131M00753	MOTOR, 1/6HP, 1SP, 8PL, AL
0130M00441	RELAY, HARD START (M1, M2)
0151R00068	REVERSING VALVE (M1, M2)
0151R00069	REVERSING VALVE (M3, M4)
B1225022	SOLENOID COIL

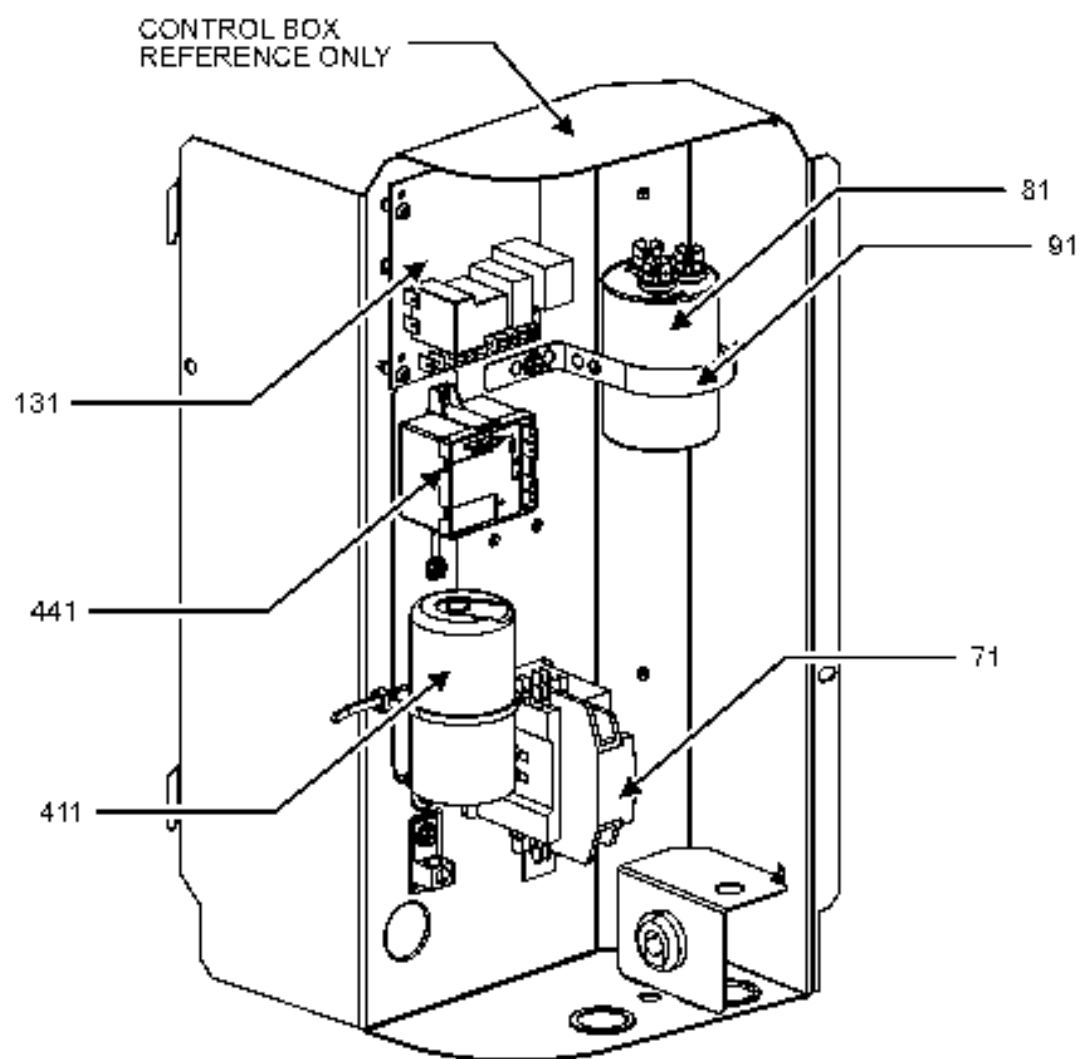
SPECIAL PARTS

0161R00092 NAMEPLATE, GOODMAN

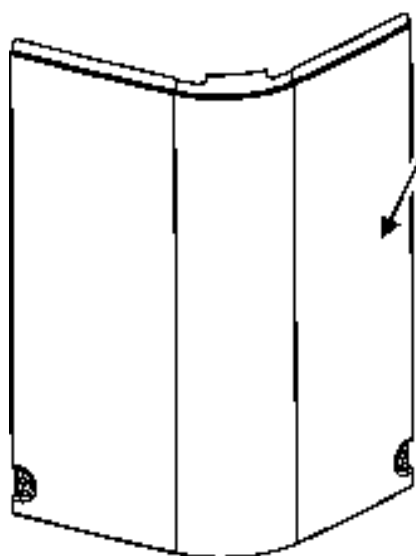
Expanded Model Nomenclature

M1 - GSZ140181LA
M2 - GSZ140241LA
M3 - GSZ140361LA
M4 - GSZ140361LB

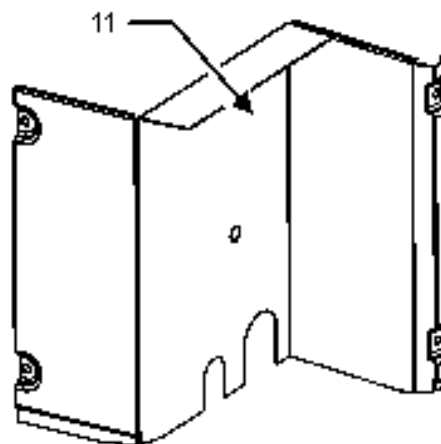
Control Box Assembly



NOTE: CONTROL PANEL ASSEMBLY
MAY DIFFER FROM WHAT IS SHOWN



UPPER ACCESS COVER



LOWER ACCESS PANEL

Control Box Assembly

Ref. Part			Ref. Part	
No: No:	Description:		No: No:	Description:

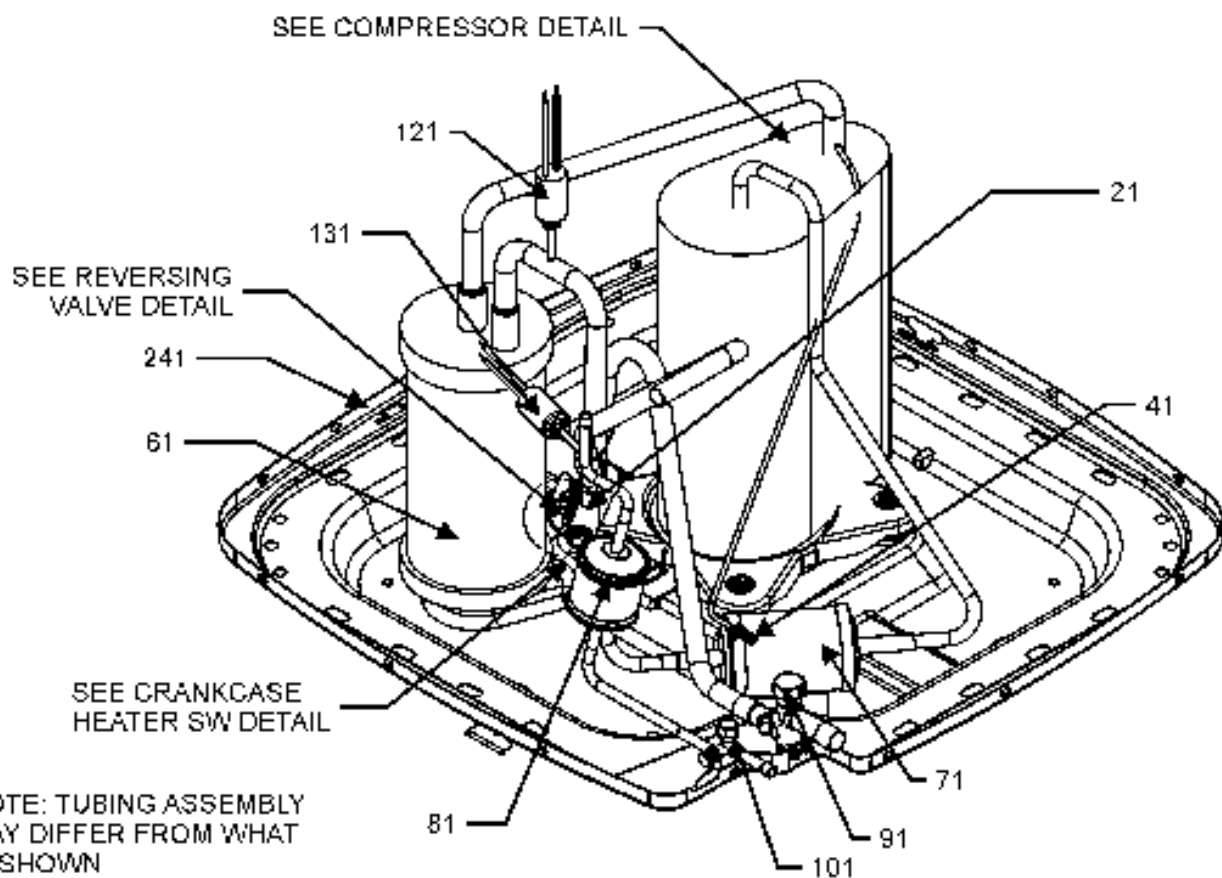
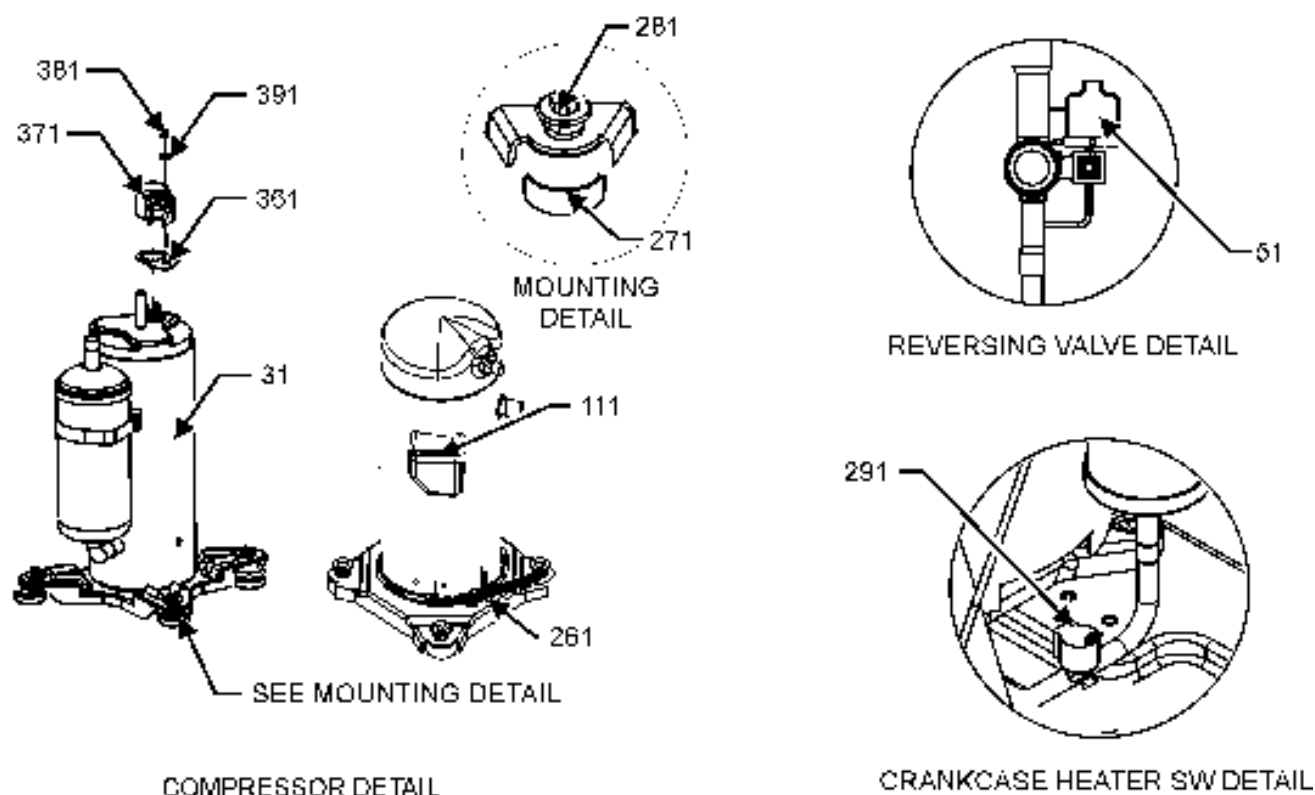
Image 1:

11	0121R00625PDG	PANEL, LOWER ACCESS PNT (M1, M2)
11	0121R00154PDG	PANEL, LOWR ACCESS PNT (M3, M4)
21	0121R00053PDG	CONTROL COVER
71	CONT1P025024V	CONTACTOR 25 AMP, 1P, 24V
81	CAP050350440C S	CAP, 5/35 MFD/440V/DUAL RD (M1)
81	CAP050450440C T	CAP, 5/45 MFD/440V/DUAL RD (M2, M3, M4)
91	4400065	CAPACITOR STRAP
131	PCBDM133	DEFROST CONTROL BOARD
411	0130R00116	CAPACITOR, HARD START (M1, M2)
441	0130M00441	RELAY, HARD START (M1, M2)
NS	0121R00849	HARD START KIT BRACKET (M1, M2)
NS	0161R00092	NAMEPLATE, GOODMAN

Expanded Model Nomenclature

M1 - GSZ140181LA
M2 - GSZ140241LA
M3 - GSZ140361LA
M4 - GSZ140361LB

Compressor and Tubing Assembly



Compressor and Tubing Assembly

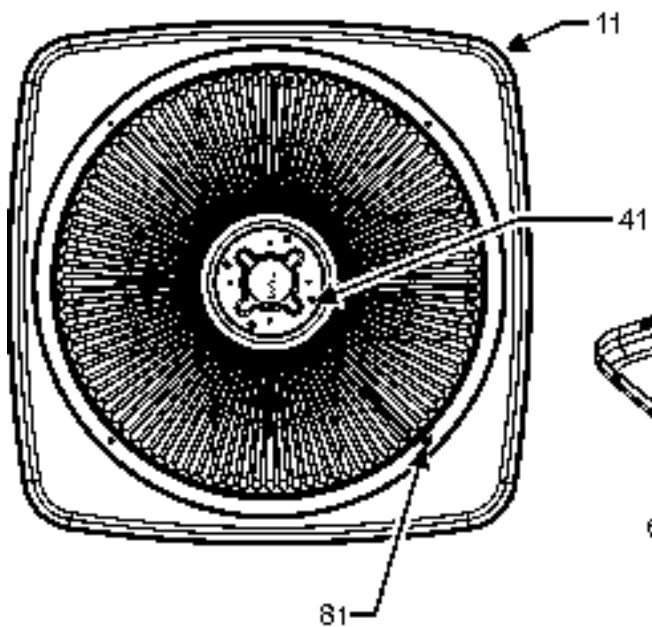
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
21	0151R00068		REVERSING VALVE (M1, M2)
21	0151R00069		REVERSING VALVE (M3, M4)
31	50N382YV-ZAKQ		1.5T RECHI COMPRESSOR (4-LEGS) (M1)
31	50N492ZV-ZAKQ		2.0 TON RECHI COMPR (M2)
31	APG031KAC		LG COMP,42800,208-230/60/1 (M3, M4)
41	0163M00175		CAP WITH O-RING
51	0130M00410		REVERSING VALVE HARNESS
61	0151L00008		ACCUMULATOR (M3)
61	B1226207		ACCUMULATOR .875 (M1, M2)
61	0151R00004P		ACCUMULATOR 3/4 (M4)
71	0162R00007		MUFFLER 1/2 X 1/2
81	20485201		BI-FLOW FILTER DRIER
91	0151R00079		BASE VALVE 3/4"
101	0151R00167		BASE VALVE 3/8"
111	0159R00022		HARNESS, COMP SCROLL 42" (M3, M4)
121	0130M00088		LOW PRESSURE SWITCH
131	0130M00089		HIGH PRESSURE SWITCH
241	0121R00006PDG		BASE PAN 29"
261	0163R00006		HEATER, CRANKCASE 230V, 40W
271	60140209		GROMMET - RECHI COMPRESSOR (M1, M2)
271	B1339533		GROMMET, COMPRESSOR (SCROLL & (M3, M4)
281	0163M00186		SCREW-SHOULDER TF (M1, M2)
281	M0221641		SCREW-SHOULDER TF (M3, M4)
291	0130M00106		DISC THERMOSTAT(CRNKCS HTR SW)
361	60100107		TERMINAL COVER GASKET (M1, M2)
371	60100317		TERMINAL COVER (M1, M2)
381	60100401		TERMINAL NUT - RECHI COMP (M1, M2)
391	60100201		WASHER - RECHI COMPRESSOR (M1, M2)
NS	B1225022		SOLENOID COIL
NS	B1787000		VALVE CORE

Expanded Model Nomenclature

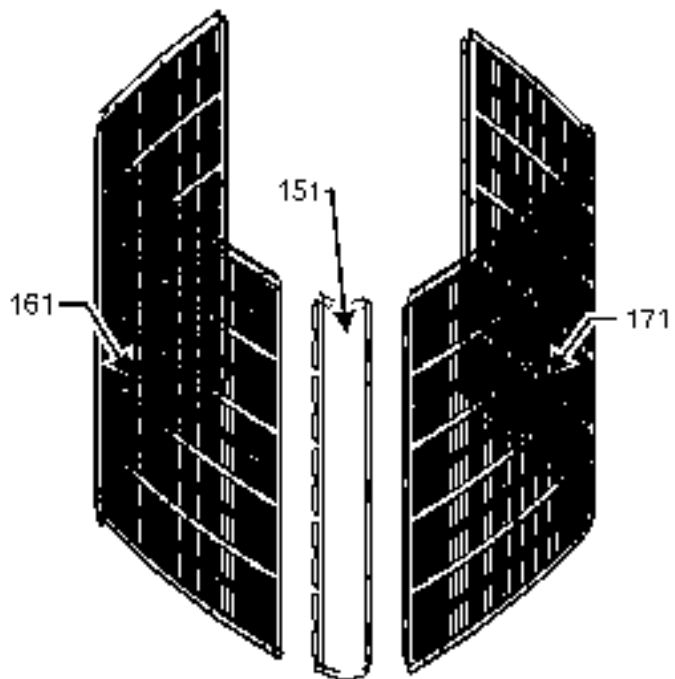
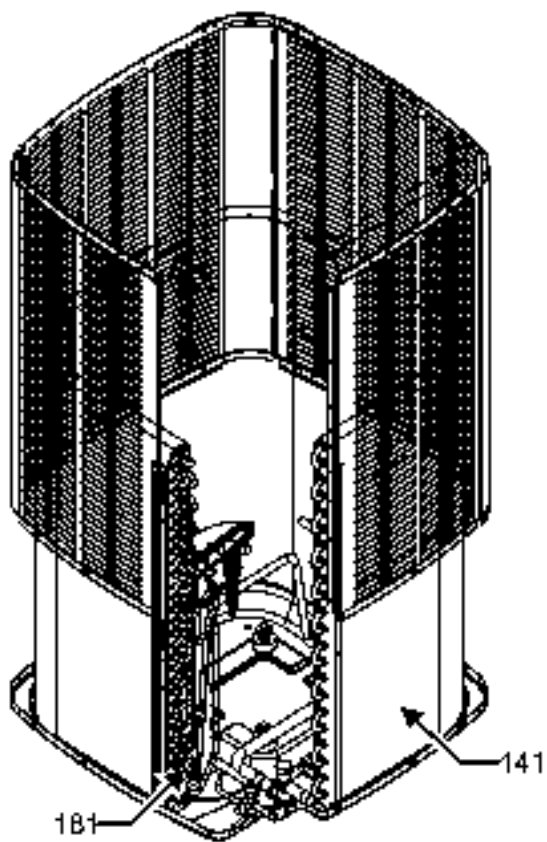
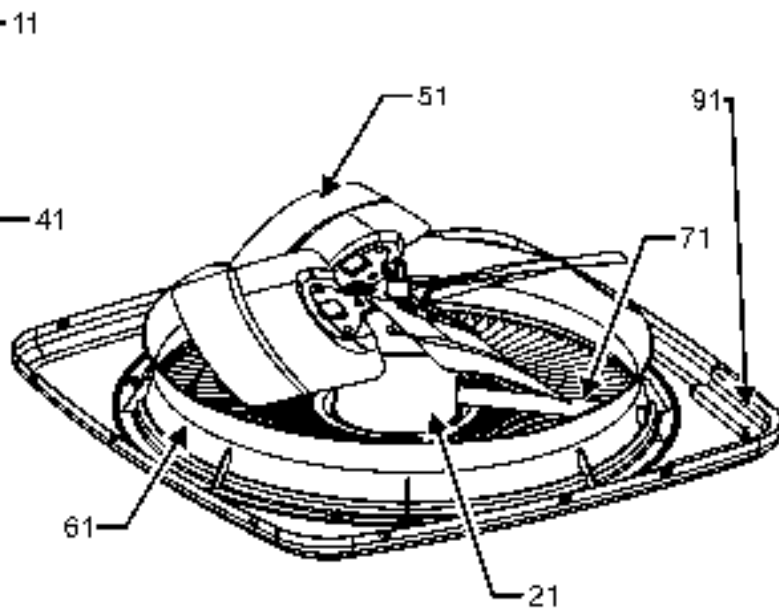
M1 - GSZ140181LA
M2 - GSZ140241LA
M3 - GSZ140361LA
M4 - GSZ140361LB

Top Panel and Louver Panel Assembly

TOP PANEL ASSEMBLY
TOP VIEW



TOP PANEL ASSEMBLY
BOTTOM VIEW



LOUVER PANEL ASSEMBLY

Top Panel and Louver Panel Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

11	0121R00010PDG	TOP PANEL 29"
21	0131M00753	MOTOR, 1/6HP, 1SP, 8PL, AL
41	0163M00006P	ACORN NUT 5/16 HEX BLACK (QTY 4)
51	0150M00008	FAN BLADE 22" TNT2203-25
61	0161R00048	MOLDED RING-VENTURI 22
71	0161R00002P	CONDUIT
81	0163M00004	SCREW #10 X3/4", BLK (QTY 4)
141	0201R00669	COIL TUBING ASSY (M2)
141	0201R00712	COIL TUBING ASSY (M1)
141	0201R00744	COIL TUBING ASSY (M3, M4)
151	0121R00583PDG	LOUVER POST, PDG 33.14 (M1, M2)
151	0121R00355PDG	LOUVER POST, PDG 34.88 (M3, M4)
161	0121R00586PDGLS	LOUVER PANEL, 29" CHASSIS, PNT (M1, M2)
171	0121R00586PDGRS	LOUVER PANEL, 29" CHASSIS, PNT (M3, M4)
181	0130M00250	CONTROL, DEFROST
NS	B1789851	FLOW CHECK PISTON KIT (M1)
NS	B1789857	FLOW CHECK PISTON KIT (M2)
NS	B1789872	FLOW CHECK PISTON KIT (M3, M4)
NS	0154R00006	GASKET, CONTROL PANEL
NS	0163M00005P	WASHER, BLACK (.50 OD .218ID) (QTY 4)

Expanded Model Nomenclature

M1 - GSZ140181LA M2 - GSZ140241LA M3 - GSZ140361LA M4 - GSZ140361LB
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