

REPAIR PARTS

VSZ14 Single Phase Remote Heat Pump

VSZ140181BA
VSZ140241BA
VSZ140361BA
VSZ140361BB
VSZ140361BC



This manual is to be used by qualified technicians only.

This manual replaces RP-4315C.

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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

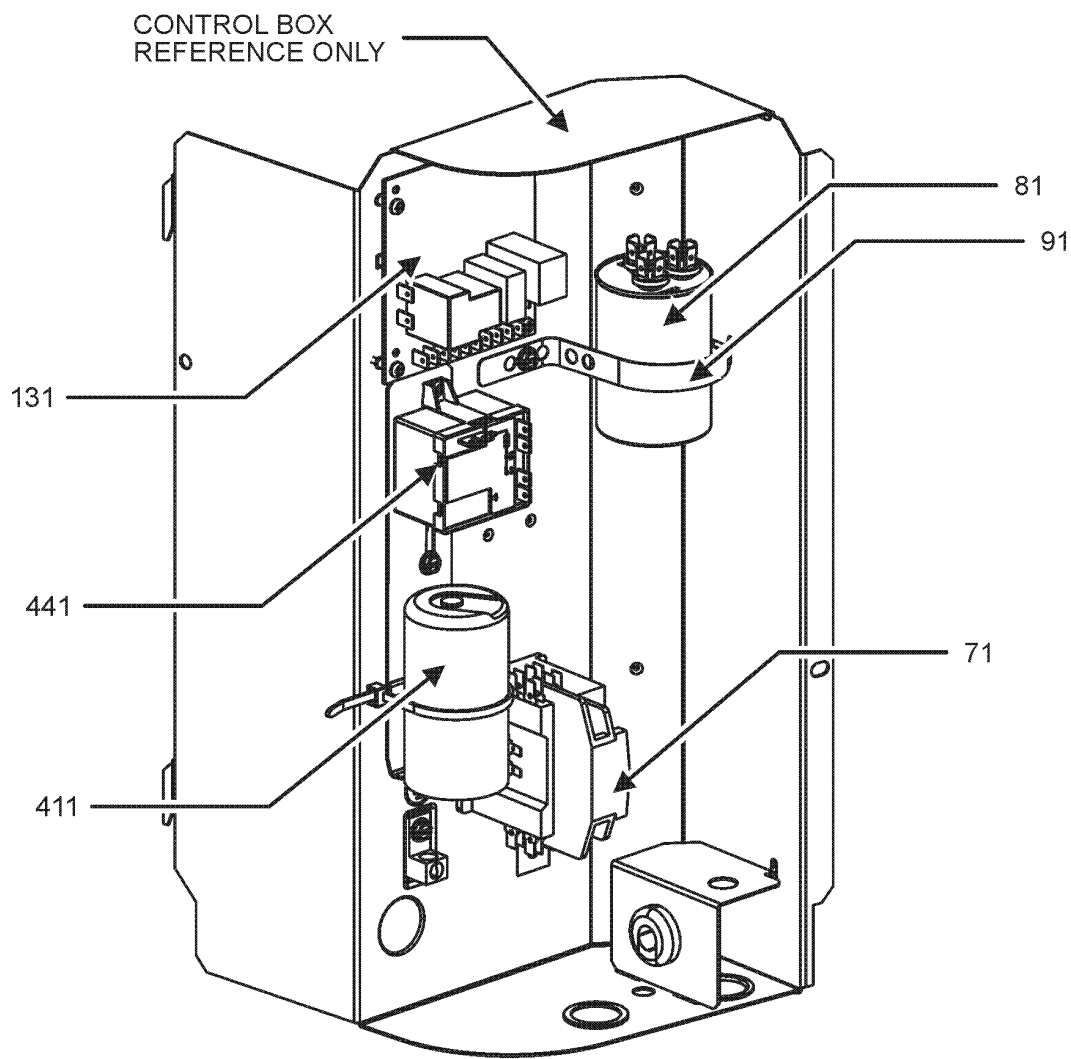
No: **Description:**

50N382YV-ZAKQ	1.5T RECHI COMPRESSOR (4-LEGS) (M1)
50N492ZV-ZAKQ	2.0 TON RECHI COMPR (M2)
0151R00185	BASE VALVE 3/4"
0151R00187	BASE VALVE 3/8"
CAP050350440CS	CAP, 5/35 MFD/440V/DUAL RD (M1)
CAP050450440CT	CAP, 5/45 MFD/440V/DUAL RD (M2, M3, M4, M5)
0130R00116	CAPACITOR, HARD START (M1, M2)
CONT1P030024V	CONT, 1 POLE, 30 AMP, 24 VAC
0130M00250	CONTROL, DEFROST
0130M00089	CUT-OUT SWITCH, HIGH PRESSURE
0130M00088	CUT-OUT SWITCH, LOW PRESSURE
PCBDM133	DEFROST CONTROL BOARD
0130M00106	DISC THERMOSTAT(CRNKCS HTR SW)
0159R00022	HARNESS, COMP SCROLL 42" (M3, M4, M5)
0163R00006	HEATER, CRANKCASE 230V, 40W
APG031KAC	LG COMP,42800,208-230/60/1 (M3, M4, M5)
0131M00753	MOTOR, 1/6HP, 1SP, 8PL, AL
0130M00441	RELAY, HARD START (M1, M2)
0151R00068	REVERSING VALVE (M1, M2)
0151R00069	REVERSING VALVE (M3, M4, M5)
B1225022	SOLENOID COIL

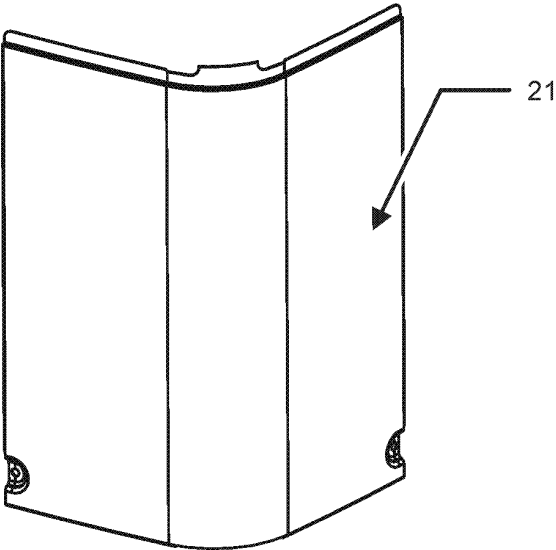
Expanded Model Nomenclature

M1 - VSZ140181BA
M2 - VSZ140241BA
M3 - VSZ140361BA
M4 - VSZ140361BB
M5 - VSZ140361BC

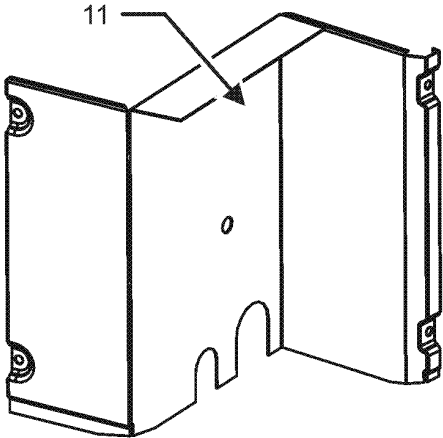
Control Box Assembly



NOTE: CONTROL PANEL ASSEMBLY
MAY DIFFER FROM WHAT IS SHOWN



UPPER ACCESS COVER



LOWER ACCESS PANEL

Control Box Assembly

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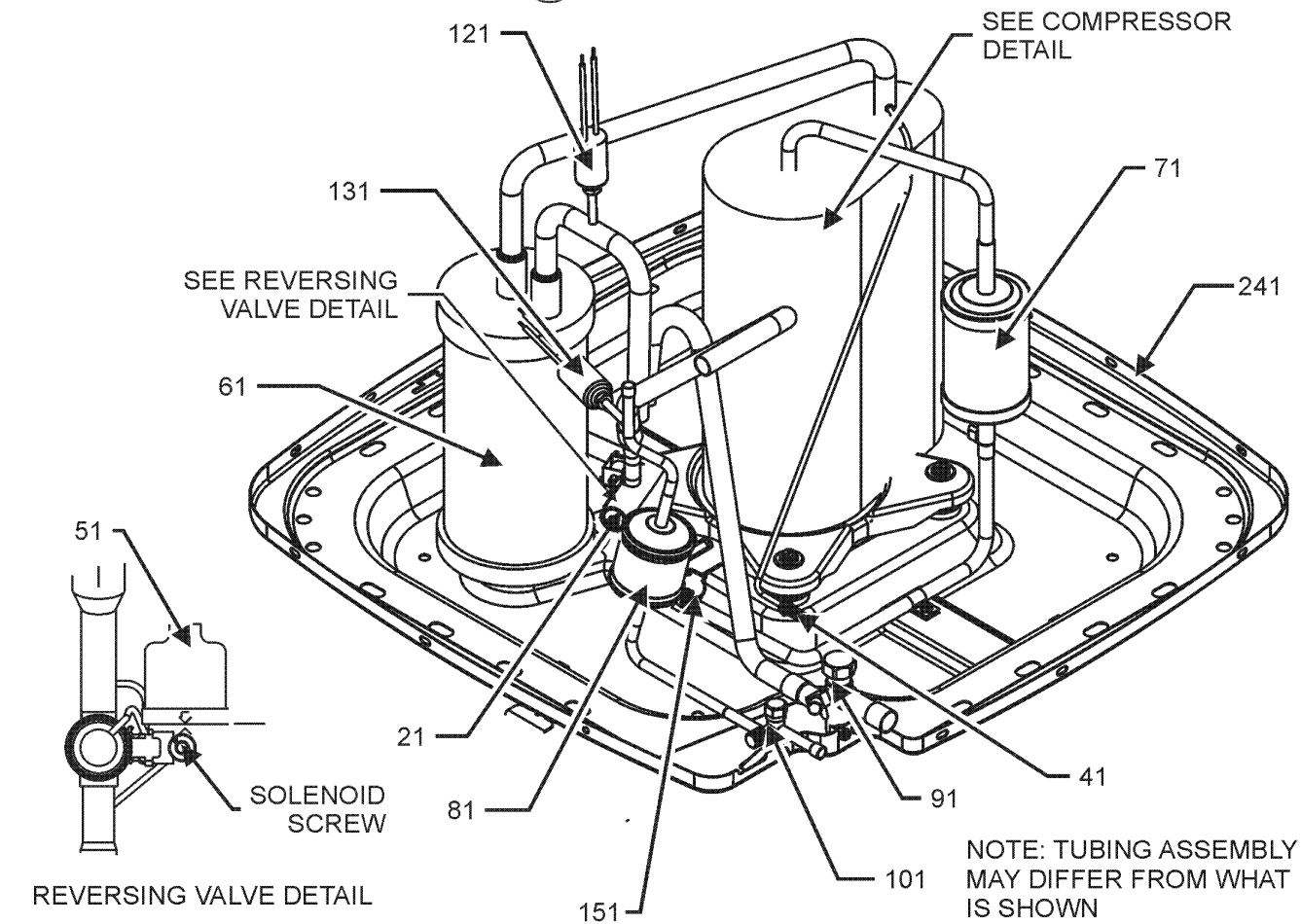
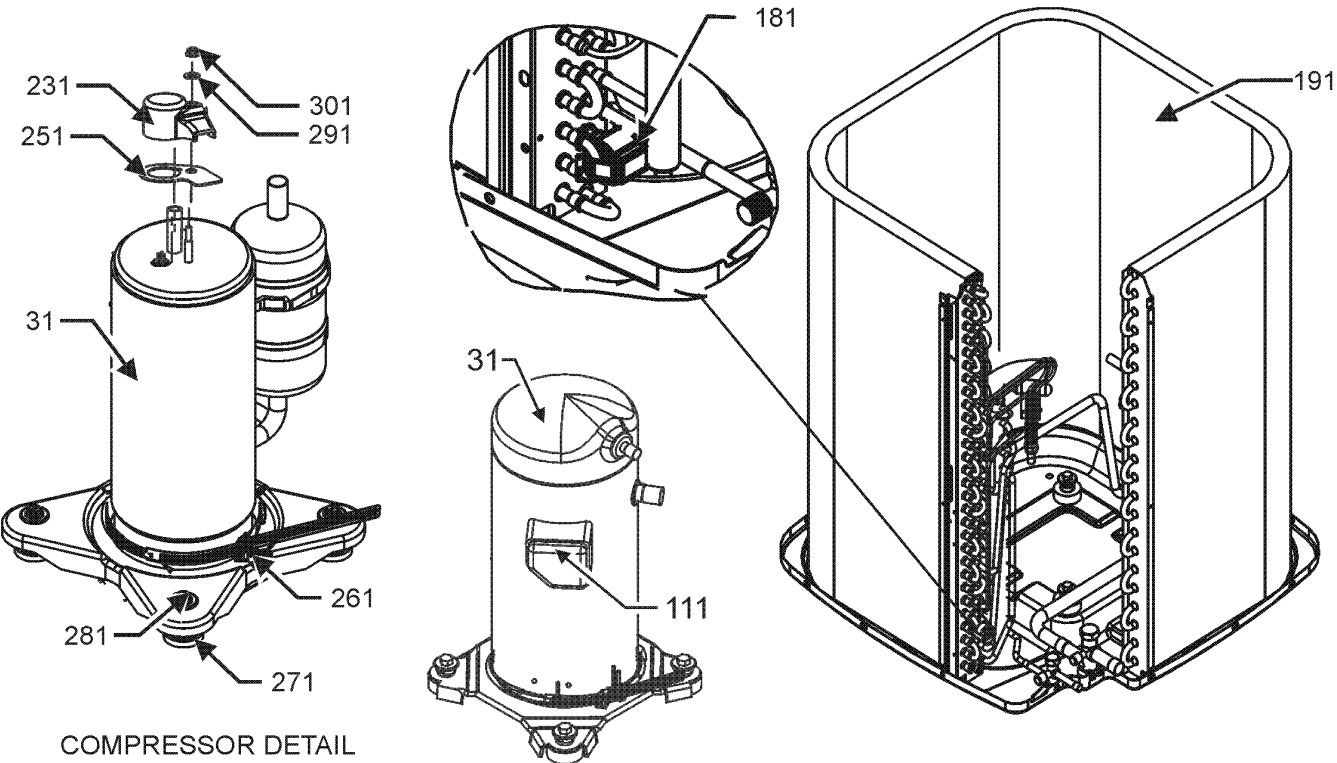
Image 1:

11	0121R00907PDB	PNL, LWR ACCESS (M3, M4, M5)
11	0121R00917PDB	PNL, LWR ACCESS (M1, M2)
21	0121R00937PDB	PNL, CONTROL COVER
71	CONT1P030024V	CONT, 1 POLE, 30 AMP, 24 VAC
81	CAP050350440CS	CAP, 5/35 MFD/440V/DUAL RD (M1)
81	CAP050450440CT	CAP, 5/45 MFD/440V/DUAL RD (M2, M3, M4, M5)
91	4400065	CAPACITOR STRAP
131	PCBDM133	DEFROST CONTROL BOARD
411	0130R00116	CAPACITOR, HARD START (M1, M2)
441	0130M00441	RELAY, HARD START (M1, M2)
NS	0121R00854	HARD START KIT BRACKET (M1, M2)

Expanded Model Nomenclature

M1 - VSZ140181BA M2 - VSZ140241BA M3 - VSZ140361BA M4 - VSZ140361BB M5 - VSZ140361BC
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Compressor and Tubing Assembly



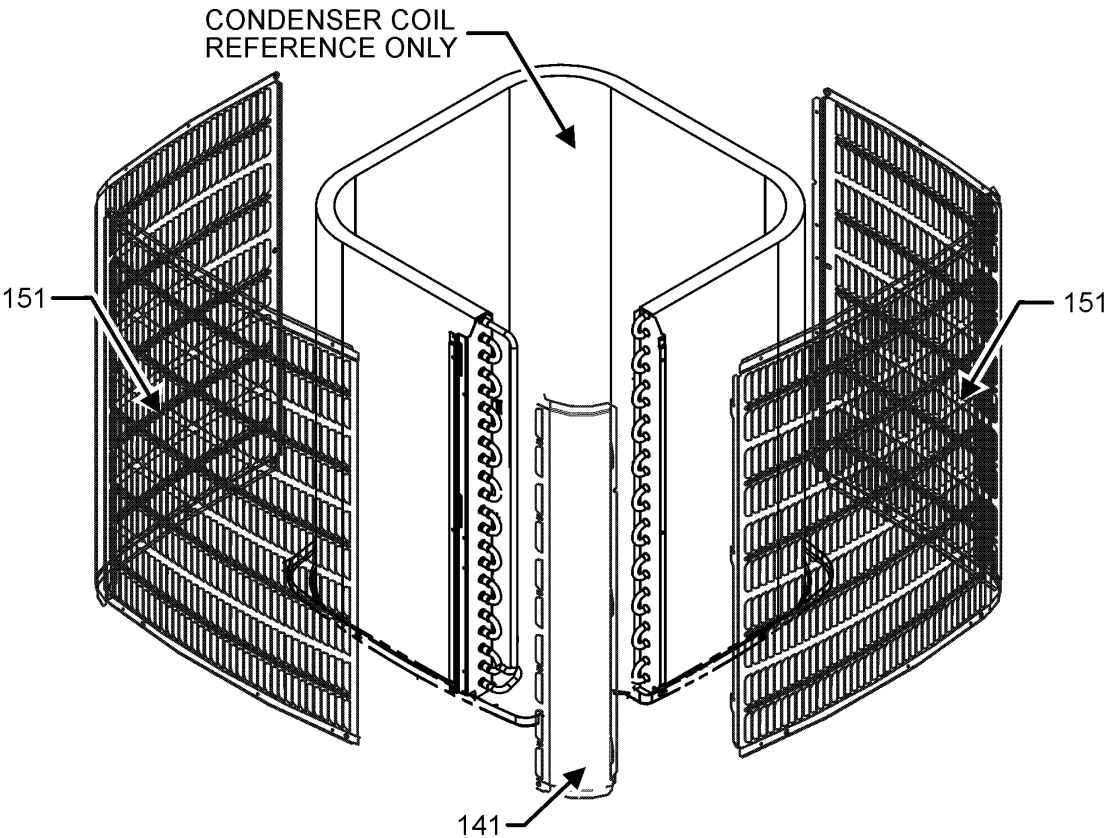
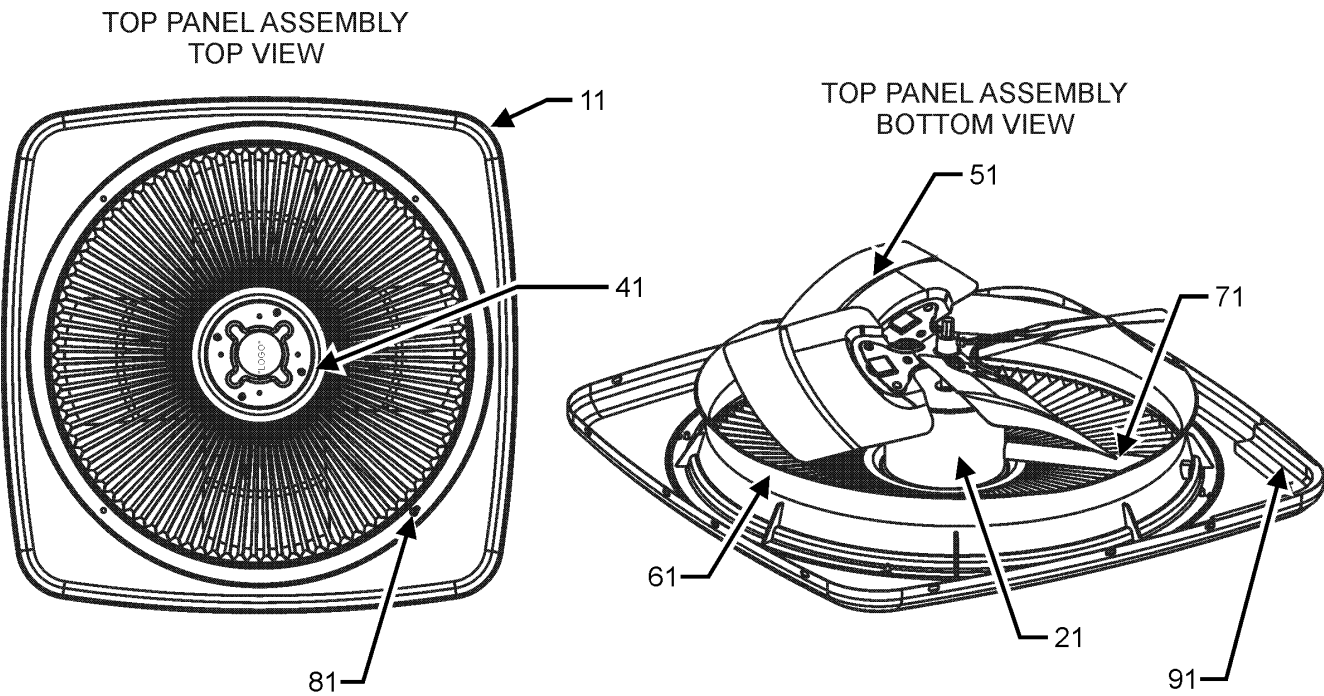
Compressor and Tubing Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
21	0151R00068		REVERSING VALVE (M1, M2)
21	0151R00069		REVERSING VALVE (M3, M4, M5)
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, M5)
41	0151M00104		VALVE CORE
51	0130M00410		REVERSING VALVE HARNESS
61	0151L00008		ACCUMULATOR (M3)
61	B1226207		ACCUMULATOR .875 (M1, M2)
61	0151L00172		ACCUMULATOR 3/4 (M5)
61	0151R00004P		ACCUMULATOR 3/4 (M4)
71	0162R00007		MUFFLER 1/2 X 1/2
81	0162R00056		FILTER/DRIER-BI-FLOW
91	0151R00185		BASE VALVE 3/4"
101	0151R00187		BASE VALVE 3/8"
111	0159R00022		HARNESS, COMP SCROLL 42" (M3, M4, M5)
121	0130M00088		CUT-OUT SWITCH, LOW PRESSURE
131	0130M00089		CUT-OUT SWITCH, HIGH PRESSURE
151	0130M00106		DISC THERMOSTAT(CRNKCS HTR SW)
181	0130M00250		CONTROL, DEFROST
191	0201R00669		COIL TUBING ASSY (M2)
191	0201R00712		COIL TUBING ASSY (M1)
191	0201R00744		COIL TUBING ASSY (M3, M4, M5)
231	60100317		TERMINAL COVER (M1, M2)
241	0121R00006		BASE PAN, 29"
251	60100107		TERMINAL COVER GASKET (M1, M2)
261	0163R00006		HEATER, CRANKCASE 230V, 40W
271	60140209		GROMMET - RECHI COMPRESSOR (M1, M2)
271	B1339533		GROMMET, COMPRESSOR (SCROLL & (M3, M4, M5)
281	M0221641		SCREW-SHOULDER TF (M3, M4, M5)
281	0163M00186		TF SHOULDER SCREW (M1, M2)
291	60100401		TERMINAL NUT - RECHI COMP (M1, M2)
301	60100201		WASHER - RECHI COMPRESSOR (M1, M2)
NS	0163M00175		CAP WITH O-RING
NS	B1225022		SOLENOID COIL

Expanded Model Nomenclature

M1 - VSZ140181BA M2 - VSZ140241BA M3 - VSZ140361BA M4 - VSZ140361BB M5 - VSZ140361BC
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Top and Louver Side Panel Assembly



LOUVER PANEL ASSEMBLY

Top and Louver Side Panel Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

11	0121R00010PDB	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 #10X3/4", BLACK (QTY 4)
91	0154R00045	GASKET, CONTROL PANEL
141	0121R00583PDB	LOUVER POST, 33.14 (M1, M2)
141	0121R00355PDB	LOUVER POST, 34.88 (M3, M4, M5)
151	0121R00586PDB	LOUVER PANEL, 29" CHASSIS, PNT (M1, M2)
151	0121R00587PDB	LOUVER PANEL, 29" CHASSIS, PNT (M3, M4, M5)
NS	B1789851	FLOW CHECK PISTON KIT (M1)
NS	B1789857	FLOW CHECK PISTON KIT (M2)
NS	B1789872	FLOW CHECK PISTON KIT (M3, M4, M5)

Expanded Model Nomenclature

M1 - VSZ140181BA M2 - VSZ140241BA M3 - VSZ140361BA M4 - VSZ140361BB M5 - VSZ140361BC
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