

Models and manufacturing
numbers in this manual

RSG36C2A

P1247302C

RSG48C2A

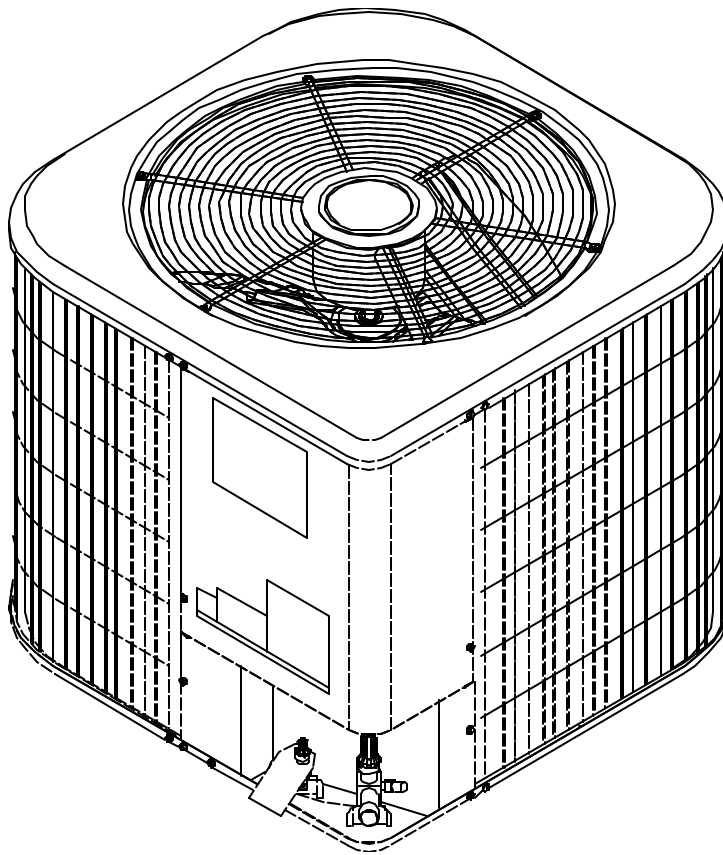
P1247303C

RSG60C2A

P1247304C

Service Parts

RSG*C2A Remote Condensing Units



This manual is to be used by
qualified appliance technicians only.

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Heating & Air Conditioning
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RP6114002
Revision 0
May 2003

Important Information

Amana 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, Amana also recommends contacting an authorized technician and using authorized factory parts.

For assistance within the U.S.A. contact:

Consumer Affairs Department
Goodman 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 Company, L.P.
7401 Security Way
Houston, Texas 77040
713-861-2500-Telephone
713-863-2382-Facsimile

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Functional Parts List 5

Illustration and Parts 6 - 15

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 and Color Nomenclature:

Example	
M1 - Model#1	P _____
M2 - Model#2	P _____
M3 - Model#3	P _____

Functional Parts

Part No:	Description:
20452901	COMP-CP ZPS30K4E-PFV (M1)
20452902	COMP-CP ZPS40K4E-PFV (M2)
20459301	COMP-CP ZPS51K4E-PFV (M3)
11071203	COND ASSY-PPNT
B5134711	DRIER-FILTER
10625707	FAN-CONDENSER
20430201	HARNESS-COMP
20462301	MOTOR-COND
10135604	RELAY

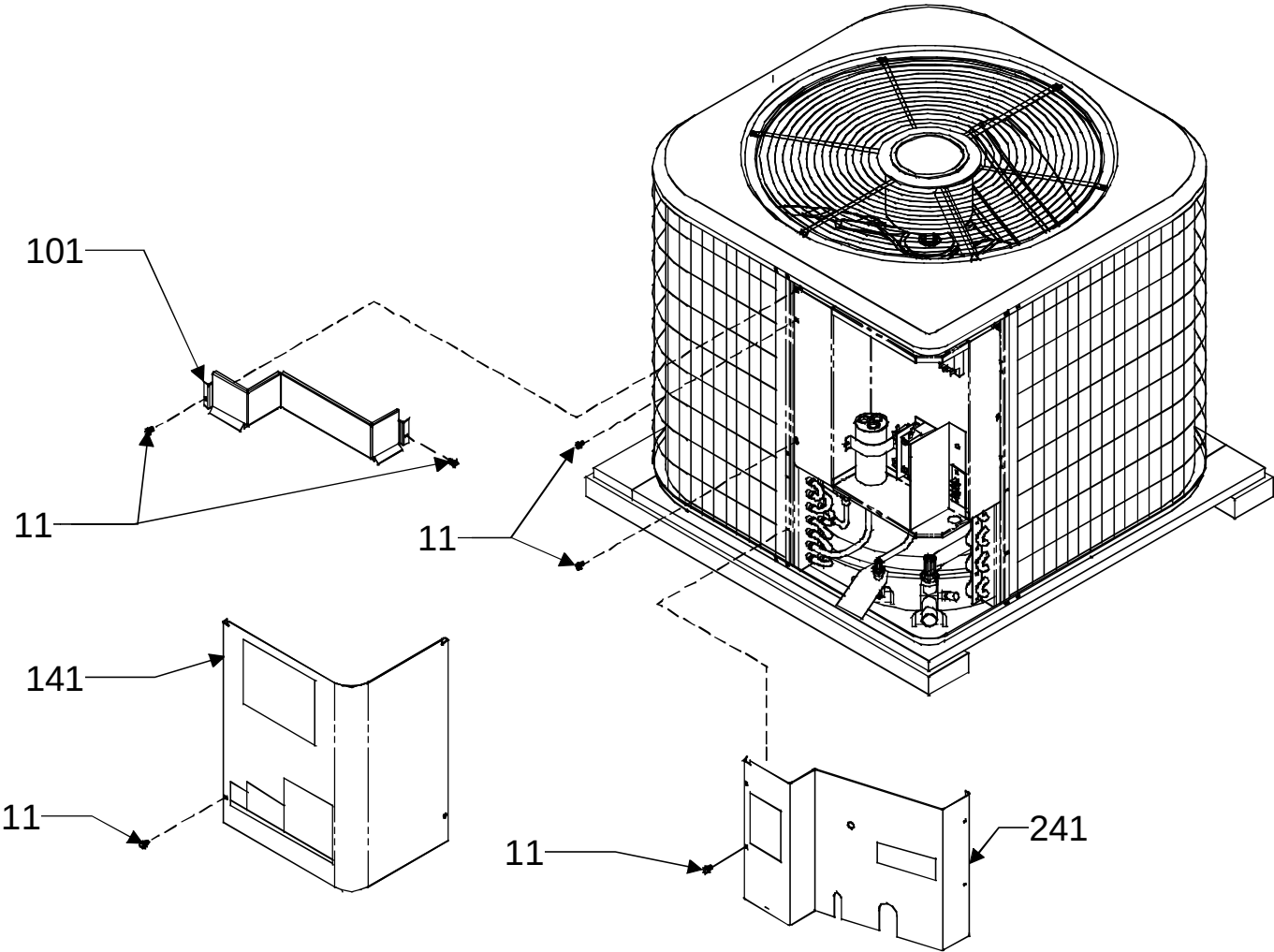
SPECIAL PARTS

10652420S	INSTR-INSTALL
10659206	MANUAL-OWNERS
RP6114002	PARTS MANUAL
20323213	RSG36C2A-SPEC SHT (M1)
20323214	RSG48C2A-SPEC SHT (M2)
20323215	RSG60C2A-SPEC SHT (M3)
RS6200003	SERVICE MANUAL
20315603S	WARRANTY-5 YR CAC

Expanded Model and Color Nomenclature

M1 - RSG36C2A	P1247302C
M2 - RSG48C2A	P1247303C
M3 - RSG60C2A	P1247304C

Control/Cover



Control/Cover

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

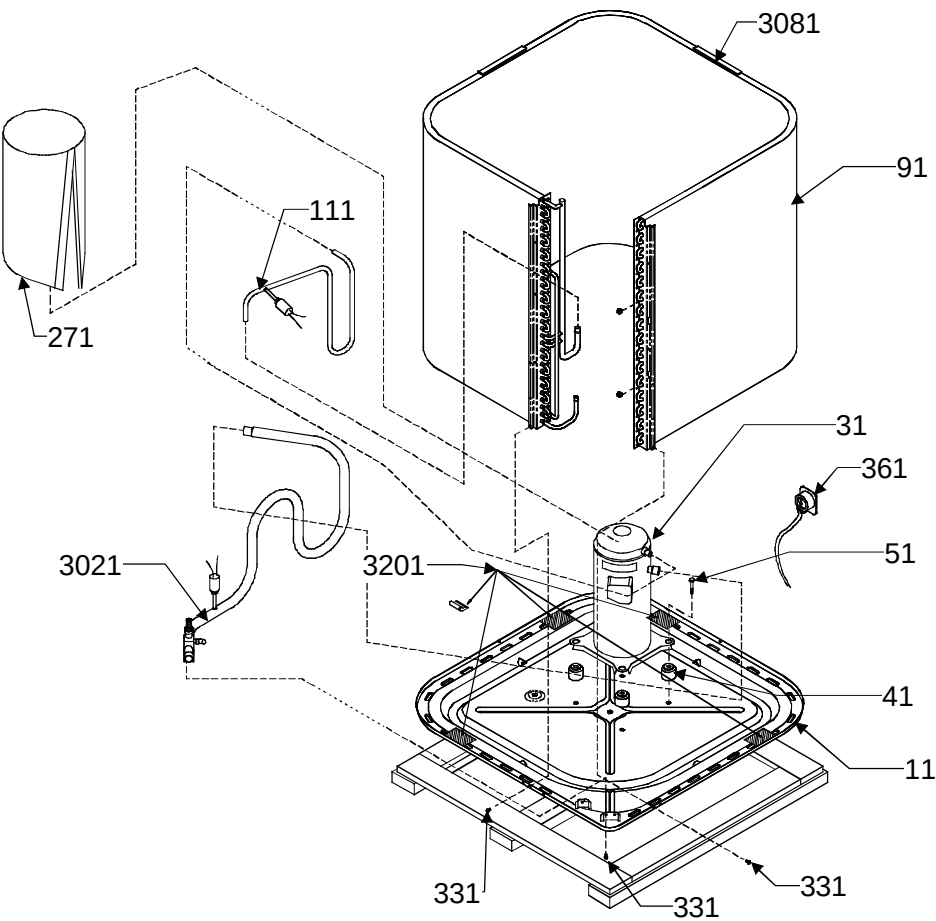
Image 1:

11	M0220816	SCREW-SM (QTY 11)
101	10597409	FILLER-CONTROL
141	10589919	COVER-CONT
241	20289707	PANEL-VALVE REM

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M3 - RSG60C2A	P1247304C

Compressor/Tubing



Compressor/Tubing

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

11	10258403	BASEPAN ASSY
31	20452901	COMP-CP ZPS30K4E-PFV (M1)
31	20452902	COMP-CP ZPS40K4E-PFV (M2)
31	20459301	COMP-CP ZPS51K4E-PFV (M3)
41	10107301	GROMMET-COMP FOOT (QTY 4)
51	M0221641	SCREW-SHOULDER TF (QTY 4)
91	11071203	COND ASSY-PPNT
111	20340607	TUBE WELD-DISCH (M1, M2)
111	20340608	TUBE WELD-DISCH (M3)
271	B1488806	COMPRESSOR BLANKET
331	M0220816	SCREW-SM (QTY 7)
361	20468101	CABLE-COMPR SOL
3081	10839819	GASKET-.062X.50
3201	20328901	SUPPORT-COIL (QTY 4)

Image 9999: ERROR!!!

1031	B5134711	DRIER-FILTER
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Expanded Model and Color Nomenclature

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M3 - RSG60C2A	P1247304C

Tubing

Image 1

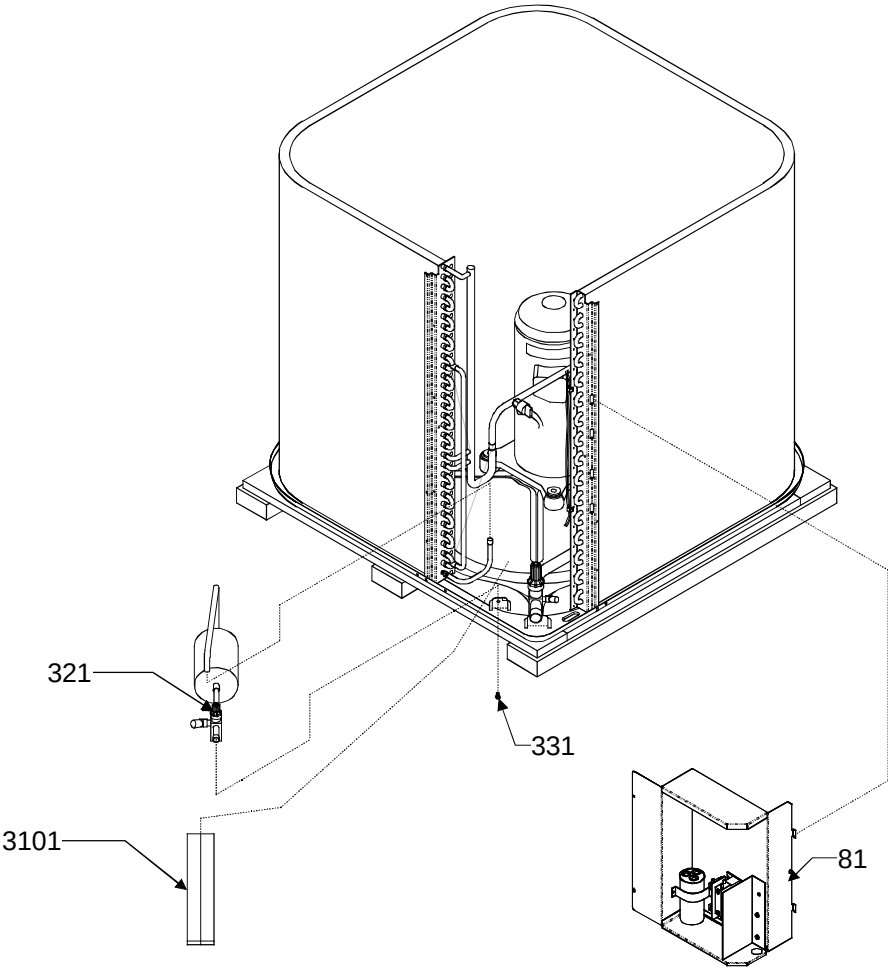


Image 2

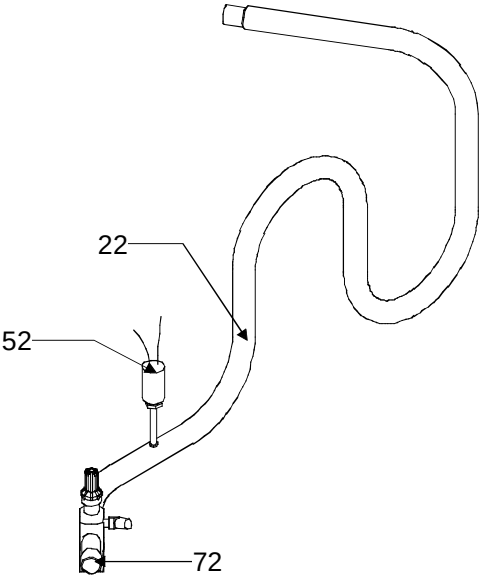
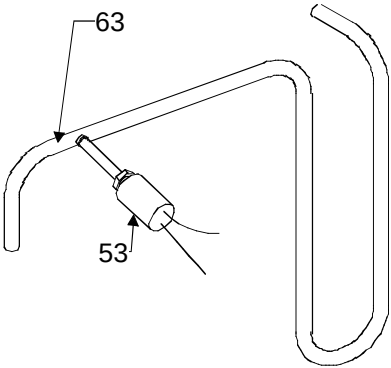


Image 3



Tubing

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

81	20040054	CONTROL BOX ASSY (M1)
81	20040055	CONTROL BOX ASSY (M2)
81	20040056	CONTROL BOX ASSY (M3)
81	C6300508	STRAP-CAPACITOR (M2, M3)
231	M0321202	TIE-ELEC LG (QTY 5)
331	M0220816	SCREW-SM (QTY 7)
3021	20476107	SUCT/SWT WELD (M2)
3021	20476108	SUCT/SWT WELD (M1)
3021	20476109	SUCT/SWT WELD (M3)
3101	10839811	GASKET-.12X1.0
NS	20449203	TUBE WELD-LVLV

Image 2:

22	20476202	TUBE-SUCTION (M1)
22	20476203	TUBE-SUCTION (M2)
22	20476204	TUBE-SUCTION (M3)
52	20340402	SW-CUTOUT LOW PRESS
72	20435102	VALVE-SWEAT 3/4 (M1)
72	20435103	VALVE-SWEAT 7/8 (M2, M3)

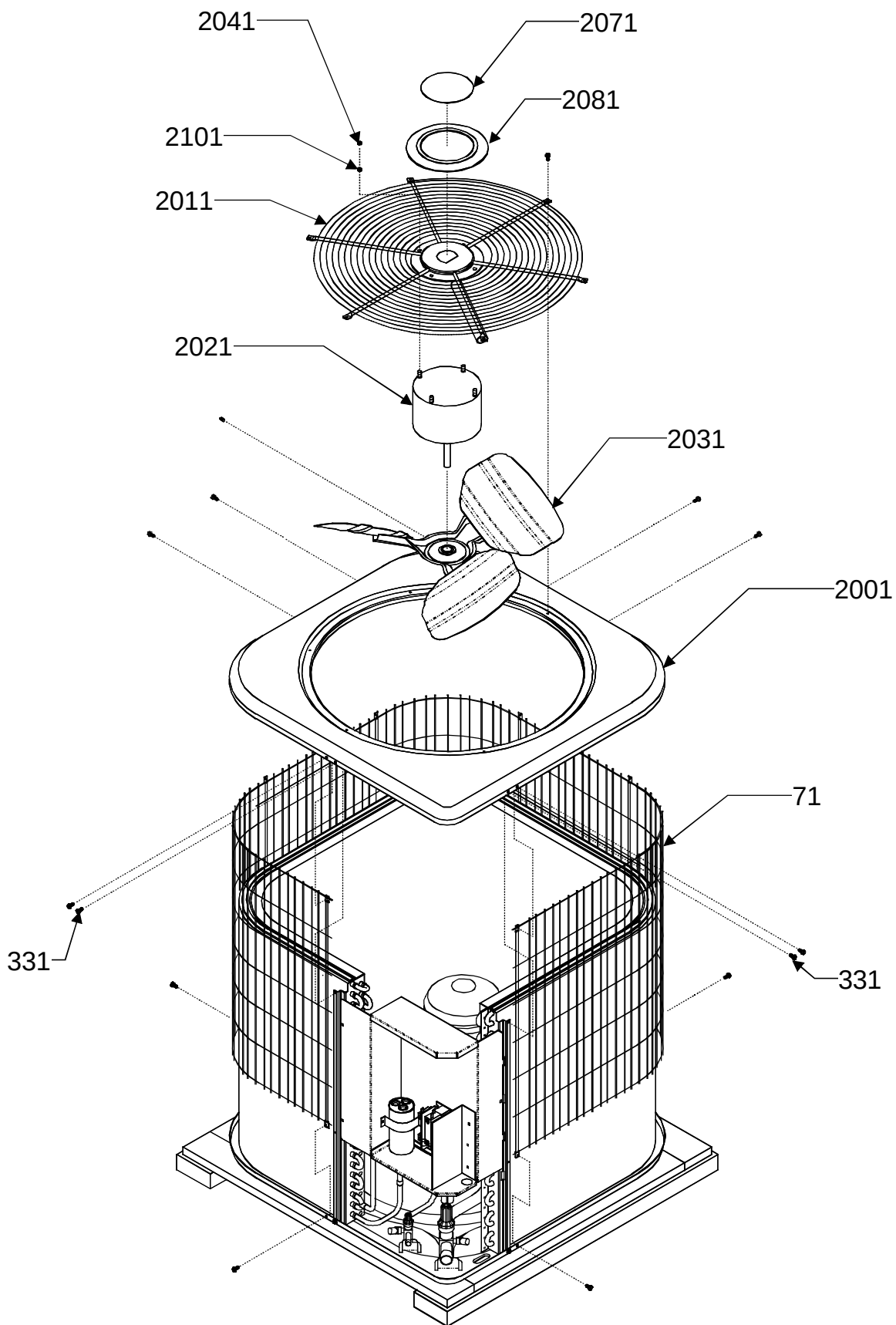
Image 3:

53	20322602	SW-CUTOUT HI PRESS
63	20327307	TUBE-DISCH (M1, M2)
63	20327308	TUBE-DISCH (M3)

Expanded Model and Color Nomenclature

M1 - RSG36C2A	P1247302C
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M3 - RSG60C2A	P1247304C

Cabinet/Top



Cabinet/Top

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

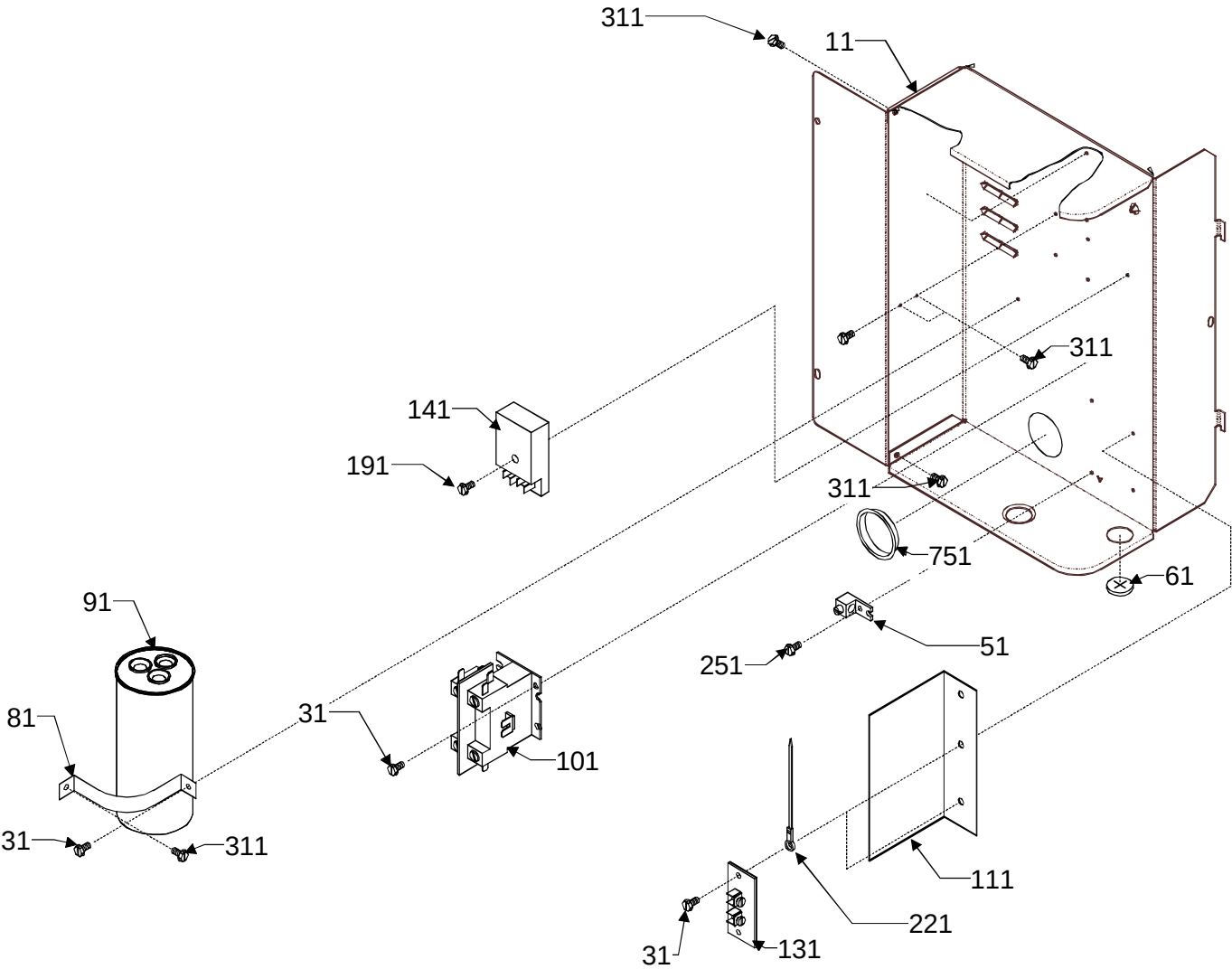
Image 1:

71	20449304	GRILLE-FORMED
331	M0220816	SCREW-SM (QTY 7)
2001	10576305	COVER-TOP
2011	20440504	GRILLE-FAN
2021	20462301	MOTOR-COND
2031	10625707	FAN-CONDENSER
2041	M0280801	NUT-HEX (QTY 4)
2071	20325001	INSERT-LOGO
2081	10651101	DISK-LOGO
2101	M0272803	WASHER-LOCK (QTY 4)

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M1 - RSG36C2A	P1247302C
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M3 - RSG60C2A	P1247304C

Control Box



Control Box

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

11	11174706	CONTROL BOX-1PC
31	M0216517	SCREW-SM (QTY 12)
51	A9015201	LUG-GROUND
61	A4603801	GROMMET
81	C6300507	STRAP-CAPACITOR (M1)
91	D6789042	CAPACITOR-METAL (M3)
91	D6789057	CAPACITOR-ROUND (M1)
91	D6789059	CAPACITOR-ROUND (M2)
101	C6170002	CONTACTOR-30A (M1, M2)
101	C6170005	CONTACTOR-40A (M3)
111	11156902	BARRIER-LOW VOLT
131	20460101	BOARD-TERM
141	C6415502	PROTECTOR-CYCLE
191	M0216521	SCREW-SM
221	M0322204	TIE-ELEC (QTY 2)
251	M0216529	SCREW-SM
311	M0216515	SCREW-SM (QTY 4)
751	A4554807	BUSHING-SNAP

Expanded Model and Color Nomenclature

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M3 - RSG60C2A	P1247304C