

Service Parts

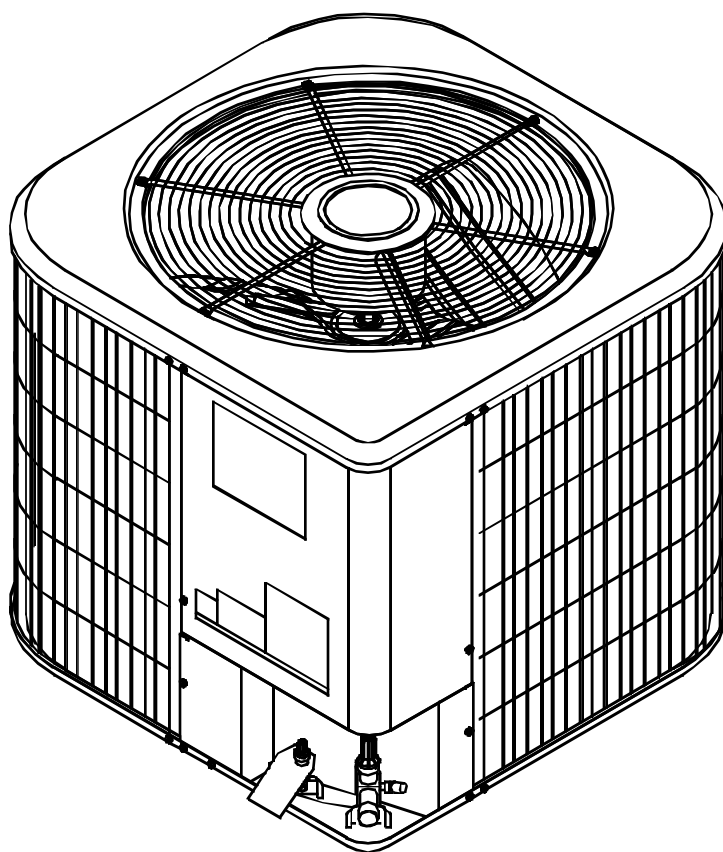
RSC*C2* 12 SEER Remote Condensing Units

This manual replaces RP6114001.

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

Models and manufacturing
numbers in this manual

RSC24C2A	P1247601C
RSC24C2C	P1247607C
RSC30C2A	P1247602C
RSC30C2C	P1247608C
RSC36C2A	P1247603C
RSC36C2C	P1247609C
RSC42C2A	P1247604C
RSC42C2C	P1247610C
RSC48C2A	P1247605C
RSC48C2C	P1247611C
RSC60C2A	P1247606C
RSC60C2C	P1247612C



Important Information

Goodman 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 Company, L.P. 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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Views shown are for parts illustrations only, not servicing procedures.

Revision 1: Adds new C2C (gray) models and updates parts for previous models.

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	P _____
M2 - Model#2	P _____
M3 - Model#3	P _____

Functional Parts

Part

No: Description:

D6789047	CAPACITOR-METAL (M6, M12)
D6789046	CAPACITOR-METAL (M5, M11)
D6789031	CAPACITOR-METAL (M2, M3, M8, M9)
D6789045	CAPACITOR-POLY (M4, M10)
D6789049	CAPACITOR-POLY (M1, M7)
20322707	COMP-PN ZP20K3E-PFV-B30 (M1, M7)
20322708	COMP-PN ZP26K3E-PFV-B30 (M2, M8)
20322703	COMP-PN ZP32K3E-PFV-230 (M3, M9)
20322704	COMP-PN ZP36K3E-PFV (M4, M10)
20322705	COMP-PN ZP41K3E-PFV-230 (M5, M11)
20322802	COMP-PN ZP54K3E-PFV (M12)
20322801	COMP-PN ZP54K3E-PFV (M6)
11137808	CONDENSING ASSY (M5, M11)
11138404	CONDENSING ASSY (M6, M12)
11183811	CONDENSING ASSY (M1, M7)
11181005	CONDENSING ASSY (M2, M8)
11163804	CONDENSING ASSY (M3, M9)
11142004	CONDENSING ASSY (M4, M10)
10625705	FAN-CONDENSER (M2, M8)
10625704	FAN-CONDENSER (M3, M9)
10625707	FAN-CONDENSER (M5, M6, M11, M12)
10625703	FAN-CONDENSER (M1, M7)
10625706	FAN-CONDENSER (M4, M10)
20430101	HARNESS-COMP (M6, M12)
10686508	HARNESS-COMP (M1, M2, M7, M8)
20462507	HARNESS-COMP (M3, M4, M9, M10)
20462503	HARNESS-COMP (M5, M11)
10584308	MOTOR-COND (M3, M9)
10584313	MOTOR-COND (M4, M5, M6, M10, M11, M12)
10584307	MOTOR-COND (M1, M2, M7, M8)
C6415502	PROTECTOR-CYCLE
B1443831	RESTRICTOR 060 (M2, M8)
B1443807	RESTRICTOR 067 (M3, M9)
B1443808	RESTRICTOR 069 (M4, M10)
B1443832	RESTRICTOR 078 (M5, M11)
B1443820	RESTRICTOR 086 (M6, M12)
B1443829	RESTRICTOR-053 (M1, M7)
20322602	SW-CUTOUT HI PRESS
20340403	SW-CUTOUT LOW PRESS

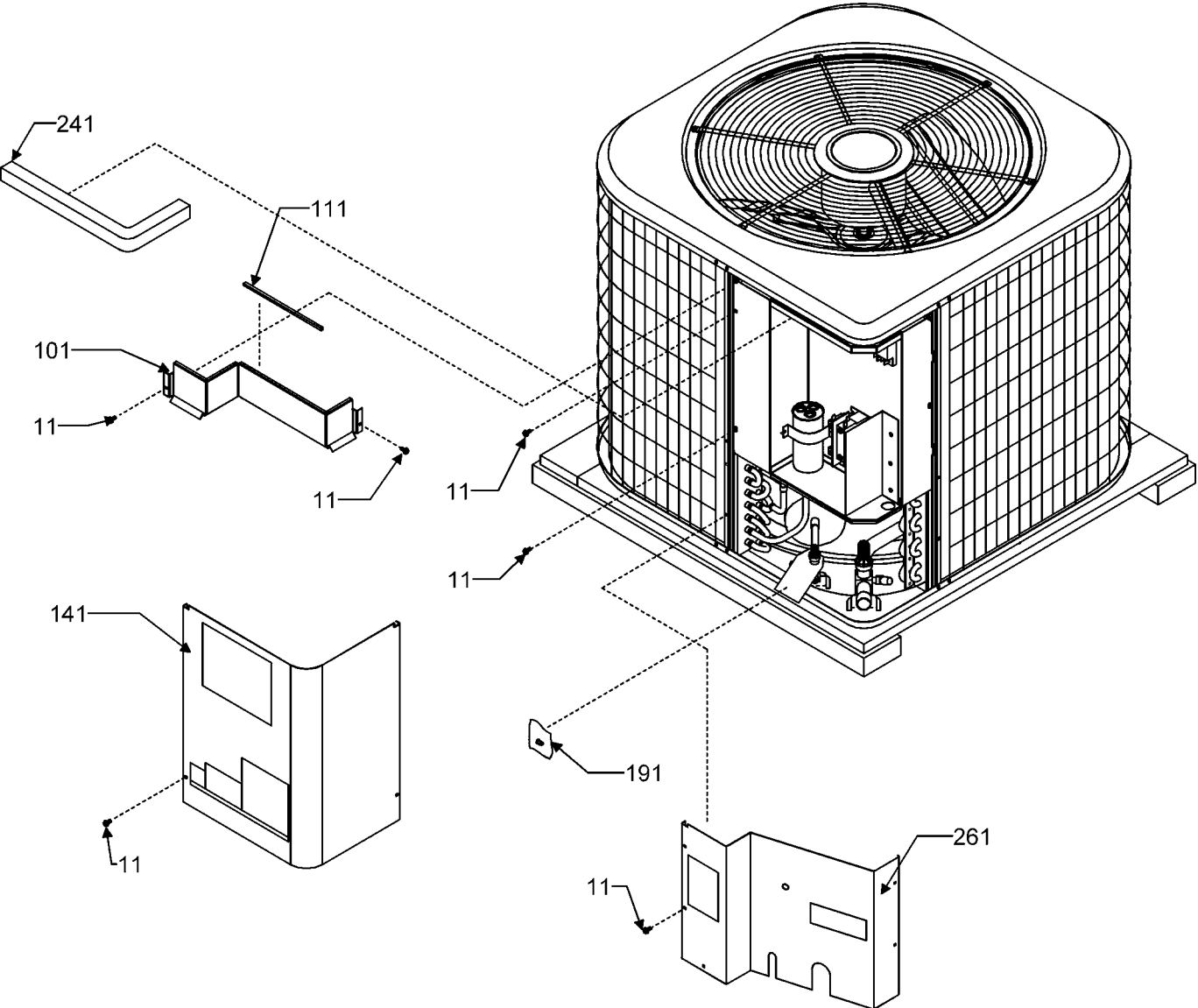
Functional Parts

Part No:	Description:
SPECIAL PARTS	
10652426S	INSTR-INSTALL
10659207S	MANUAL-OWNERS
RP6114001	REPAIR PARTS MANUAL
RS6200003	SERVICE MANUAL
RT6112007	TECHNICAL MANUAL

Expanded Model Nomenclature

M1 - RSC24C2A	P1247601C
M2 - RSC30C2A	P1247602C
M3 - RSC36C2A	P1247603C
M4 - RSC42C2A	P1247604C
M5 - RSC48C2A	P1247605C
M6 - RSC60C2A	P1247606C
M7 - RSC24C2C	P1247607C
M8 - RSC30C2C	P1247608C
M9 - RSC36C2C	P1247609C
M10 - RSC42C2C	P1247610C
M11 - RSC48C2C	P1247611C
M12 - RSC60C2C	P1247612C

Control/Cover



Control/Cover

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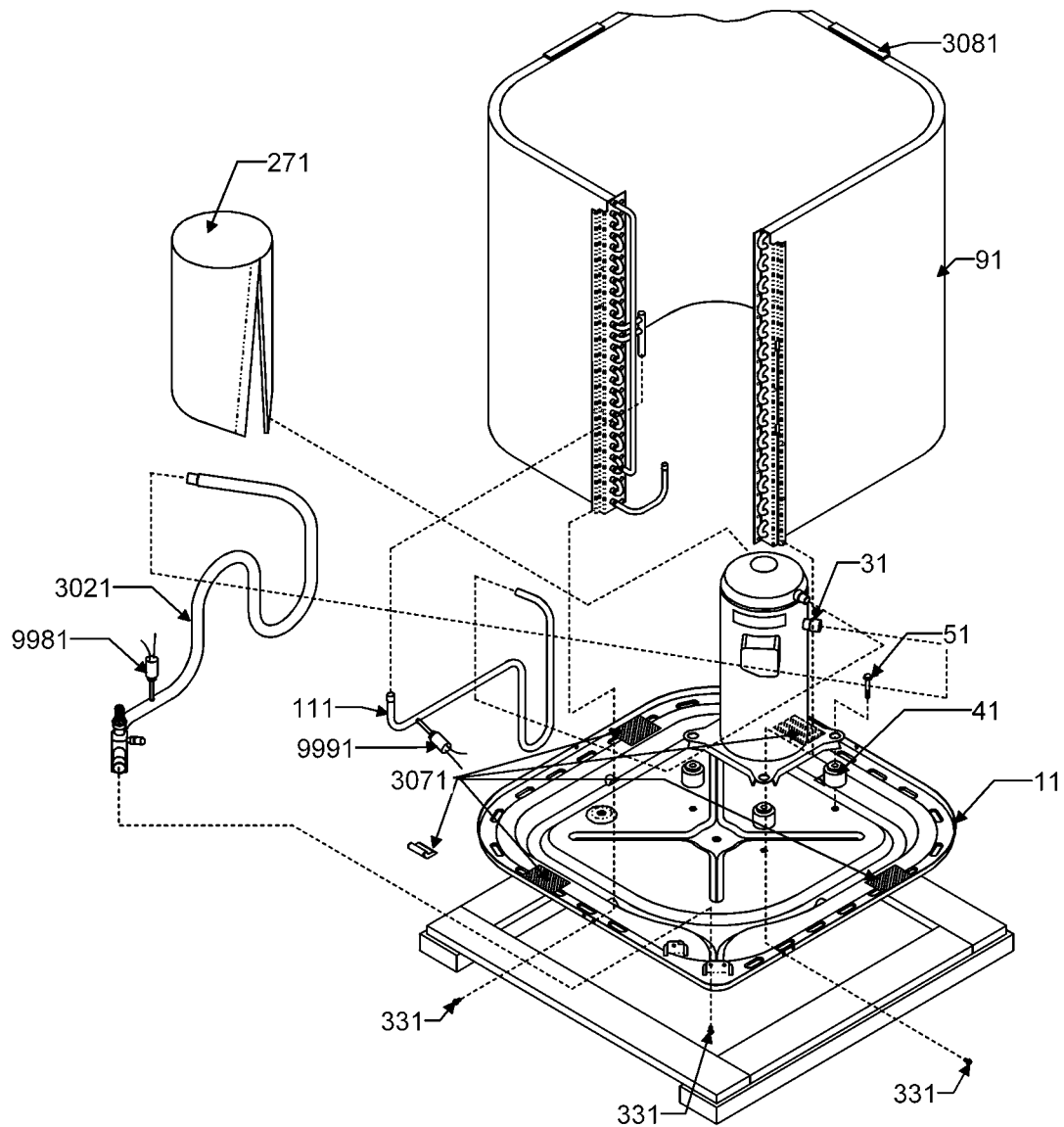
Image 1:

11	M0229303	SCREW-SM (QTY AR)
101	10597407	FILLER-CONTROL (M4, M5, M10, M11)
101	10597408	FILLER-CONTROL (M3, M9)
101	10597409	FILLER-CONTROL (M6, M12)
141	10589926PDG	COVER-CONT PNT (M7, M8, M9)
141	10589927PDG	COVER-CONT PNT (M10, M11)
141	10589928PDG	COVER-CONT PNT (M12)
141	10589920	COVER-CONTROL (M1, M2, M3)
141	10589922	COVER-CONTROL (M6)
191	B1443831	RESTRICTOR 060 (M2, M8)
191	B1443807	RESTRICTOR 067 (M3, M9)
191	B1443808	RESTRICTOR 069 (M4, M10)
191	B1443832	RESTRICTOR 078 (M5, M11)
191	B1443820	RESTRICTOR 086 (M6, M12)
191	B1443829	RESTRICTOR-053 (M1, M7)
241	11182804	GASKET-.5X.625X18 (M1, M2, M7, M8)
261	20280008PDG	PANEL-VALVE PNT (M7, M8)
261	20289711PDG	PANEL-VALVE PNT (M9, M10, M11, M12)
261	20289710	VALVE PANEL (M3, M4, M5, M6)
261	20280007	VALVE PANEL (SHORT) (M1, M2)
NS	B5134710	DRIER-FILTER (M1, M2, M3, M7, M8, M9)
NS	B5134711	DRIER-FILTER (M4, M5, M6, M10, M11, M12)

Expanded Model Nomenclature

M1 - RSC24C2A	P1247601C
M2 - RSC30C2A	P1247602C
M3 - RSC36C2A	P1247603C
M4 - RSC42C2A	P1247604C
M5 - RSC48C2A	P1247605C
M6 - RSC60C2A	P1247606C
M7 - RSC24C2C	P1247607C
M8 - RSC30C2C	P1247608C
M9 - RSC36C2C	P1247609C
M10 - RSC42C2C	P1247610C
M11 - RSC48C2C	P1247611C
M12 - RSC60C2C	P1247612C

Compressor/Tubing



Compressor/Tubing

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

11	10229604	BASEPAN (M1)
11	10258304	BASEPAN (M2, M3, M4)
11	10258404	BASEPAN ASSY (M5, M6)
11	10258406PDG	BASEPAN ASSY (M11, M12)
11	10229606PDG	BASEPAN-PNT (M7)
11	10258306PDG	BASEPAN-PNT (M8, M9, M10)
31	20322707	COMP-PN ZP20K3E-PFV-B30 (M1, M7)
31	20322708	COMP-PN ZP26K3E-PFV-B30 (M2, M8)
31	20322703	COMP-PN ZP32K3E-PFV-230 (M3, M9)
31	20322704	COMP-PN ZP36K3E-PFV (M4, M10)
31	20322705	COMP-PN ZP41K3E-PFV-230 (M5, M11)
31	20322801	COMP-PN ZP54K3E-PFV (M6)
31	20322802	COMP-PN ZP54K3E-PFV (M12)
41	10107301	GROMMET-COMP FOOT (QTY 4)
51	M0221641	SCREW-SHOULDER TF (QTY 4)
91	11137808	CONDENSING ASSY (M5, M11)
91	11138404	CONDENSING ASSY (M6, M12)
91	11142004	CONDENSING ASSY (M4, M10)
91	11163804	CONDENSING ASSY (M3, M9)
91	11181005	CONDENSING ASSY (M2, M8)
91	11183811	CONDENSING ASSY (M1, M7)
111	20340502	TUBE WELD-DISCHARGE (M1, M7)
111	20340503	TUBE WELD-DISCHARGE (M2, M8)
111	20340504	TUBE WELD-DISCHARGE (M3, M9)
111	20340602	TUBE WELD-DISCHARGE (M5, M11)
111	20340605	TUBE WELD-DISCHARGE (M4, M10)
111	20340606	TUBE WELD-DISCHARGE (M6, M12)
271	B1488806	COMPRESSOR SOUND BLANKET (M6, M12)
271	B1488807	COMPRESSOR SOUND BLANKET (M1, M3, M4, M5, M7, M9, M10, M11)
271	B1488810	COMPRESSOR SOUND BLANKET (M2, M8)
331	M0229303	SCREW-SM (QTY AR)
3021	20476101	SUCT/SWT WELD (M2, M8)
3021	20476102	SUCT/SWT WELD (M3, M9)
3021	20476103	SUCT/SWT WELD (M4, M10)
3021	20476104	SUCT/SWT WELD (M5, M11)
3021	20476105	SUCT/SWT WELD (M6, M12)
3021	20476106	SUCT/SWT WELD (M1, M7)
3071	20328901	SUPPORT-COIL (QTY 4)
3081	10839819	GASKET-.062X.50
9981	20340403	SW-CUTOUT LOW PRESS
9991	20322602	SW-CUTOUT HI PRESS

Expanded Model Nomenclature

M1 - RSC24C2A	P1247601C
M2 - RSC30C2A	P1247602C
M3 - RSC36C2A	P1247603C
M4 - RSC42C2A	P1247604C
M5 - RSC48C2A	P1247605C
M6 - RSC60C2A	P1247606C
M7 - RSC24C2C	P1247607C
M8 - RSC30C2C	P1247608C
M9 - RSC36C2C	P1247609C
M10 - RSC42C2C	P1247610C
M11 - RSC48C2C	P1247611C
M12 - RSC60C2C	P1247612C

Tubing

Image 1

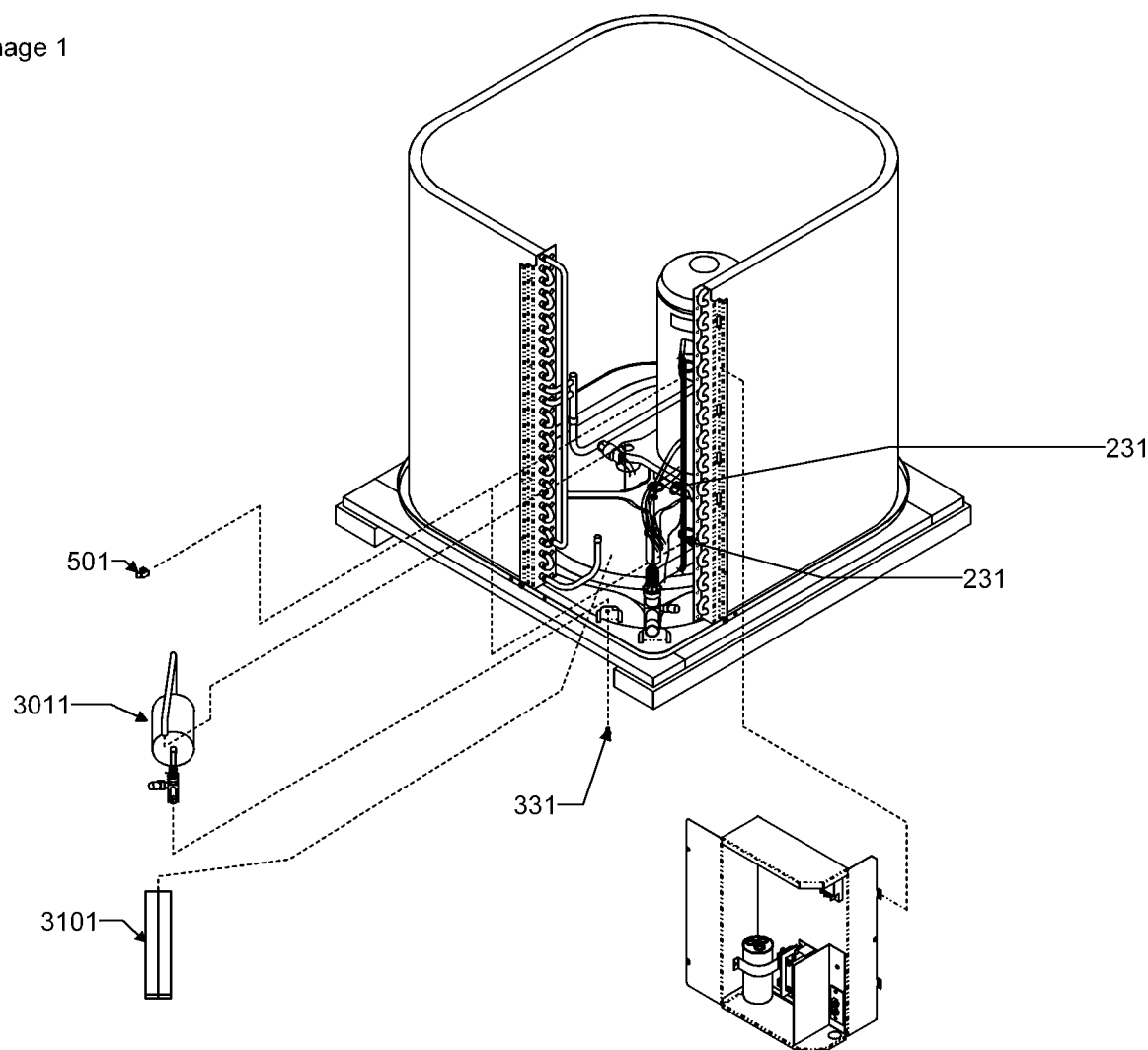
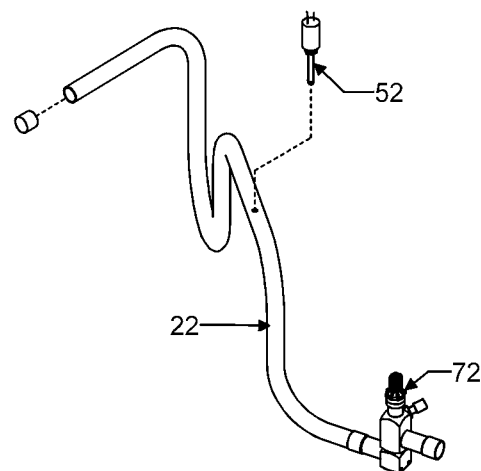


Image 2



Tubing

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

231	M0321202	TIE-ELEC LG (QTY 2)
331	M0229303	SCREW-SM (QTY AR)
501	M0321204	TIE-ELEC SM (M1, M2, M3, M5, M6, M7, M8, M9, M11, M12)
3011	20449201	TUBE WELD-LVLV (M1, M2, M3, M7, M8, M9)
3011	20449202	TUBE WELD-LVLV (M4, M5, M6, M10, M11, M12)
3101	10839811	GASKET-.12X1.0

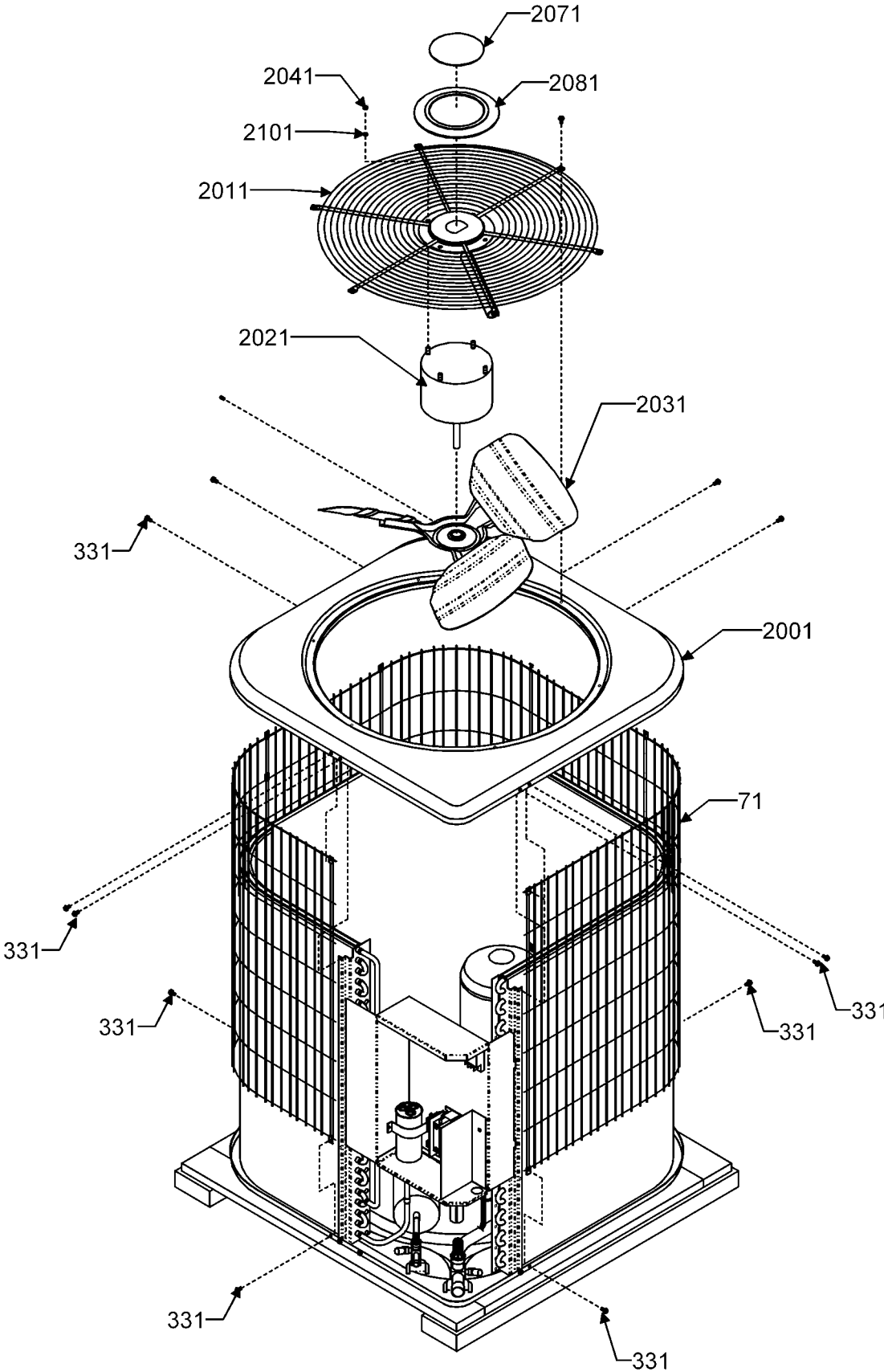
Image 2:

22	20475503	TUBE-SUCTION (M3, M9)
22	20475504	TUBE-SUCTION (M2, M8)
22	20476001	TUBE-SUCTION (M1, M7)
22	20476203	TUBE-SUCTION (M5, M11)
22	20476204	TUBE-SUCTION (M6, M12)
22	20476205	TUBE-SUCTION (M4, M10)
52	20340403	SW-CUTOUT LOW PRESS
72	20163902	VALVE-SERVICE 3/4 (M1, M2, M3, M7, M8, M9)
72	20163903	VALVE-SERVICE 7/8 (M4, M5, M6, M10, M11, M12)

Expanded Model Nomenclature

M1 - RSC24C2A	P1247601C
M2 - RSC30C2A	P1247602C
M3 - RSC36C2A	P1247603C
M4 - RSC42C2A	P1247604C
M5 - RSC48C2A	P1247605C
M6 - RSC60C2A	P1247606C
M7 - RSC24C2C	P1247607C
M8 - RSC30C2C	P1247608C
M9 - RSC36C2C	P1247609C
M10 - RSC42C2C	P1247610C
M11 - RSC48C2C	P1247611C
M12 - RSC60C2C	P1247612C

Cabinet/Top



Cabinet/Top

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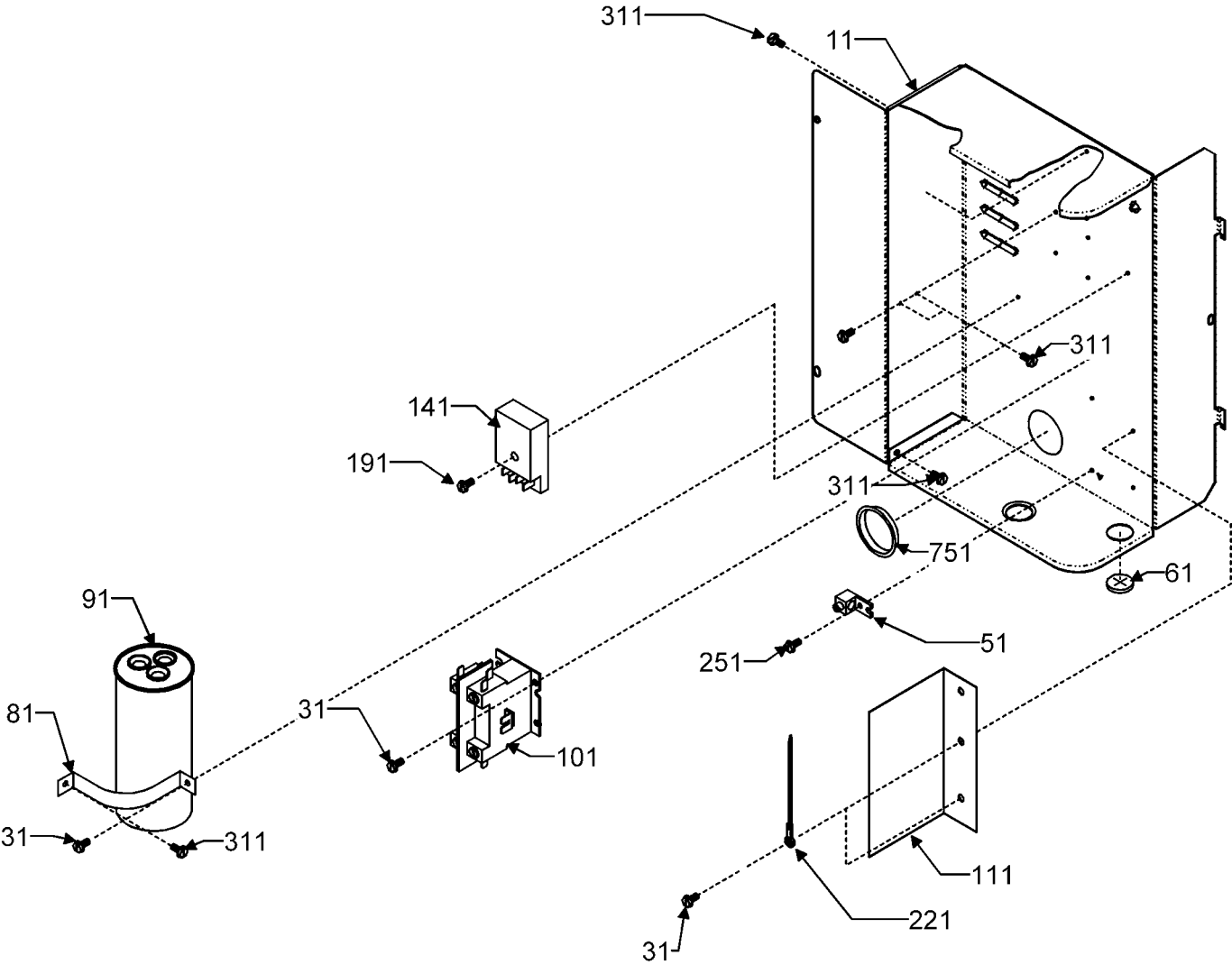
Image 1:

71	20449301	GRILLE-FORMED (M1)
71	20449302	GRILLE-FORMED (M2)
71	20449303	GRILLE-FORMED (M4)
71	20449304	GRILLE-FORMED (M6)
71	20449305	GRILLE-FORMED (M3)
71	20449306	GRILLE-FORMED (M5)
71	20449311	GRILLE-FORMED (M7)
71	20449312	GRILLE-FORMED (M8)
71	20449313	GRILLE-FORMED (M10)
71	20449314	GRILLE-FORMED (M12)
71	20449315	GRILLE-FORMED (M9)
71	20449316	GRILLE-FORMED (M11)
331	M0229303	SCREW-SM (QTY AR)
2001	10229806PDG	COVER-TOP PNT (M7)
2001	10576105PDG	COVER-TOP PNT (M8, M9, M10)
2001	10576310PDG	COVER-TOP PNT (M11, M12)
2001	10229804	TOP (M1)
2001	10576104	TOP (M2, M3, M4)
2001	10576309	TOP (M5, M6)
2011	20515001	GRILLE-FAN (M1, M7)
2011	20515002	GRILLE-FAN (M2, M3, M4, M8, M9, M10)
2011	20515003	GRILLE-FAN (M5, M6, M11, M12)
2021	10584307	MOTOR-COND (M1, M2, M7, M8)
2021	10584308	MOTOR-COND (M3, M9)
2021	10584313	MOTOR-COND (M4, M5, M6, M10, M11, M12)
2031	10625703	FAN-CONDENSER (M1, M7)
2031	10625704	FAN-CONDENSER (M3, M9)
2031	10625705	FAN-CONDENSER (M2, M8)
2031	10625706	FAN-CONDENSER (M4, M10)
2031	10625707	FAN-CONDENSER (M5, M6, M11, M12)
2041	M0280801	NUT-HEX (QTY 4)
2071	20325001	INSERT-LOGO
2081	10651102	DISK-LOGO
2101	M0272803	WASHER-LOCK (QTY 4)
NS	20515501	NAMEPLATE ASSY-AMANA

Expanded Model Nomenclature

M1 - RSC24C2A	P1247601C
M2 - RSC30C2A	P1247602C
M3 - RSC36C2A	P1247603C
M4 - RSC42C2A	P1247604C
M5 - RSC48C2A	P1247605C
M6 - RSC60C2A	P1247606C
M7 - RSC24C2C	P1247607C
M8 - RSC30C2C	P1247608C
M9 - RSC36C2C	P1247609C
M10 - RSC42C2C	P1247610C
M11 - RSC48C2C	P1247611C
M12 - RSC60C2C	P1247612C

Control Box



Control Box

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

11	11174704	CONTROL BOX-1PC
31	M0216517	SCREW-SM (QTY 11)
51	A9015201	LUG-GROUND
61	A4603801	GROMMET
81	20520901	STRAP-CAPACITOR
91	D6789031	CAPACITOR-METAL (M2, M3, M8, M9)
91	D6789046	CAPACITOR-METAL (M5, M11)
91	D6789047	CAPACITOR-METAL (M6, M12)
91	D6789045	CAPACITOR-POLY (M4, M10)
91	D6789049	CAPACITOR-POLY (M1, M7)
101	C6170004	CONTACTOR-25A (M1, M2, M3, M7, M8, M9)
101	C6170002	CONTACTOR-30A (M4, M5, M10, M11)
101	C6170005	CONTACTOR-40A (M6, M12)
111	20521001	BARRIER-LOW VOLTAGE
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 Nomenclature

M1 - RSC24C2A	P1247601C
M2 - RSC30C2A	P1247602C
M3 - RSC36C2A	P1247603C
M4 - RSC42C2A	P1247604C
M5 - RSC48C2A	P1247605C
M6 - RSC60C2A	P1247606C
M7 - RSC24C2C	P1247607C
M8 - RSC30C2C	P1247608C
M9 - RSC36C2C	P1247609C
M10 - RSC42C2C	P1247610C
M11 - RSC48C2C	P1247611C
M12 - RSC60C2C	P1247612C