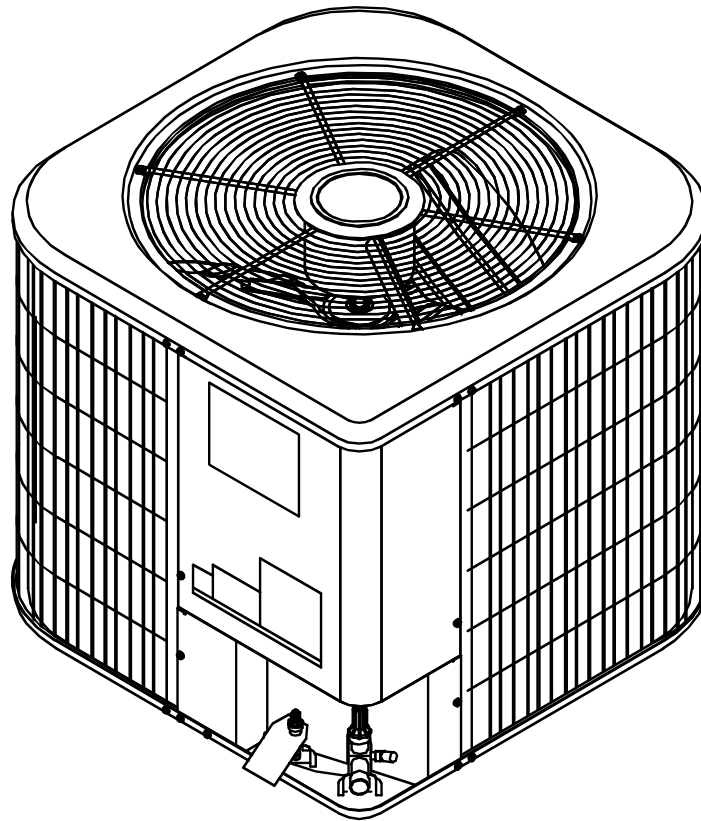


RSC*C2* Remote Condensing Units

RSC24C2C
RSC24C2D
RSC30C2C
RSC30C2D
RSC36C2C
RSC36C2D
RSC42C2C
RSC42C2D
RSC48C2C
RSC48C2D
RSC60C2C
RSC60C2D



RP6114003
Revision 1
December 2005

Important Information

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Illustration and Parts	4 - 13

Views shown are for parts illustrations only, not servicing procedures

Rev. 1: Added RSC**C2D 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

M2 - Model#2

M3 - Model#3

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.

Goodman Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations. Amana® brand products are proudly made in the USA.

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

Functional Parts

Part No: **Description:**

B94575300 CAPACITOR, 35/5/370 (M1, M11)
 B94575500 CAPACITOR, 40/5/370 (M12)
 B94577200S CAPACITOR, 45/5/370 (M2, M3, M6)
 B94575900 CAPACITOR, 55/5/370 (M4, M7)
 B94577500 CAPACITOR, 60/5/370 (M5, M8)
 B94577700 CAPACITOR, 70/5/370 (M10)
 B94577600S CAPACITOR, 80/5/370 (M9)
 ZP20K3EPFV930 COMPRESSOR, ZP20K3E-PFV-230 (M1, M11)
 ZP24K5EPFV830 COMPRESSOR, ZP24K5E-PFV-130 (M12)
 ZP26K3EPFV930 COMPRESSOR, ZP26K3E-PFV-230 (M2)
 ZP32K3EPFV930 COMPRESSOR, ZP32K3E-PFV-230 (M3, M6)
 ZP36K3EPFV930 COMPRESSOR, ZP36K3E-PFV-230 (M4, M7)
 ZP41K3EPFV930 COMPRESSOR, ZP41K3E-PFV-230 (M5, M8)
 ZP51K5EPFV830 COMPRESSOR, ZP51K5E-PFV-130 (M10)
 ZP54K3EPFV930 COMPRESSOR, ZP54K3E-PFV-230 (M9)
 1272170 CRATED COND. SERVICE COIL W/DRIER (M9)
 1272165 CRATED COND. SERVICE COIL W/DRIER (M4)
 1272101 CRATED COND. SERVICE COIL W/DRIER (M7)
 1272111 CRATED COND. SERVICE COIL W/DRIER (M12)
 1272118 CRATED COND. SERVICE COIL W/DRIER (M1)
 1272119 CRATED COND. SERVICE COIL W/DRIER (M2)
 1272134 CRATED COND. SERVICE COIL W/DRIER (M8, M10)
 1272155 CRATED COND. SERVICE COIL W/DRIER (M11)
 1272164 CRATED COND. SERVICE COIL W/DRIER (M3, M6)
 1272167 CRATED COND. SERVICE COIL W/DRIER (M5)
 20048209 HARNESS, COMPRESSOR, MOLDED (M6)
 20048210 HARNESS, COMPRESSOR, MOLDED (M10)
 10584307 MOTOR, CONDENSER, 1/12 HP, 825 RPM (M1, M2)
 B13400272 MOTOR, CONDENSER, 1/4 HP, 830 RPM (M8, M10)
 10584313 MOTOR, CONDENSER, 1/4 HP, 830 RPM (M4, M5, M9)
 B13400252 MOTOR, CONDENSER, 1/6 HP, 1075 RPM (M11, M12)
 B13400349 MOTOR, CONDENSER, 1/6 HP, 815 RPM (M7)
 10584308 MOTOR, CONDENSER, 1/6 HP, 825 RPM (M3)
 10584323 MOTOR, CONDENSER, 1/6 HP, 825 RPM (M6)
 C6415502 PROTECTOR-CYCLE
 B1443829 RESTRICTOR, .053 (M1)
 B1443831 RESTRICTOR, .060 (M2)
 B1443807 RESTRICTOR, .067 (M3)
 B1443808 RESTRICTOR, .069 (M4)
 B1443832 RESTRICTOR, .078 (M5)
 B1443820 RESTRICTOR, .086 (M9)
 20322602 SWITCH, HIGH PRESSURE, CUTOUT
 20340403 SWITCH, LOW PRESSURE, CUTOUT
 20340403 SWITCH, LOW PRESSURE, CUTOUT

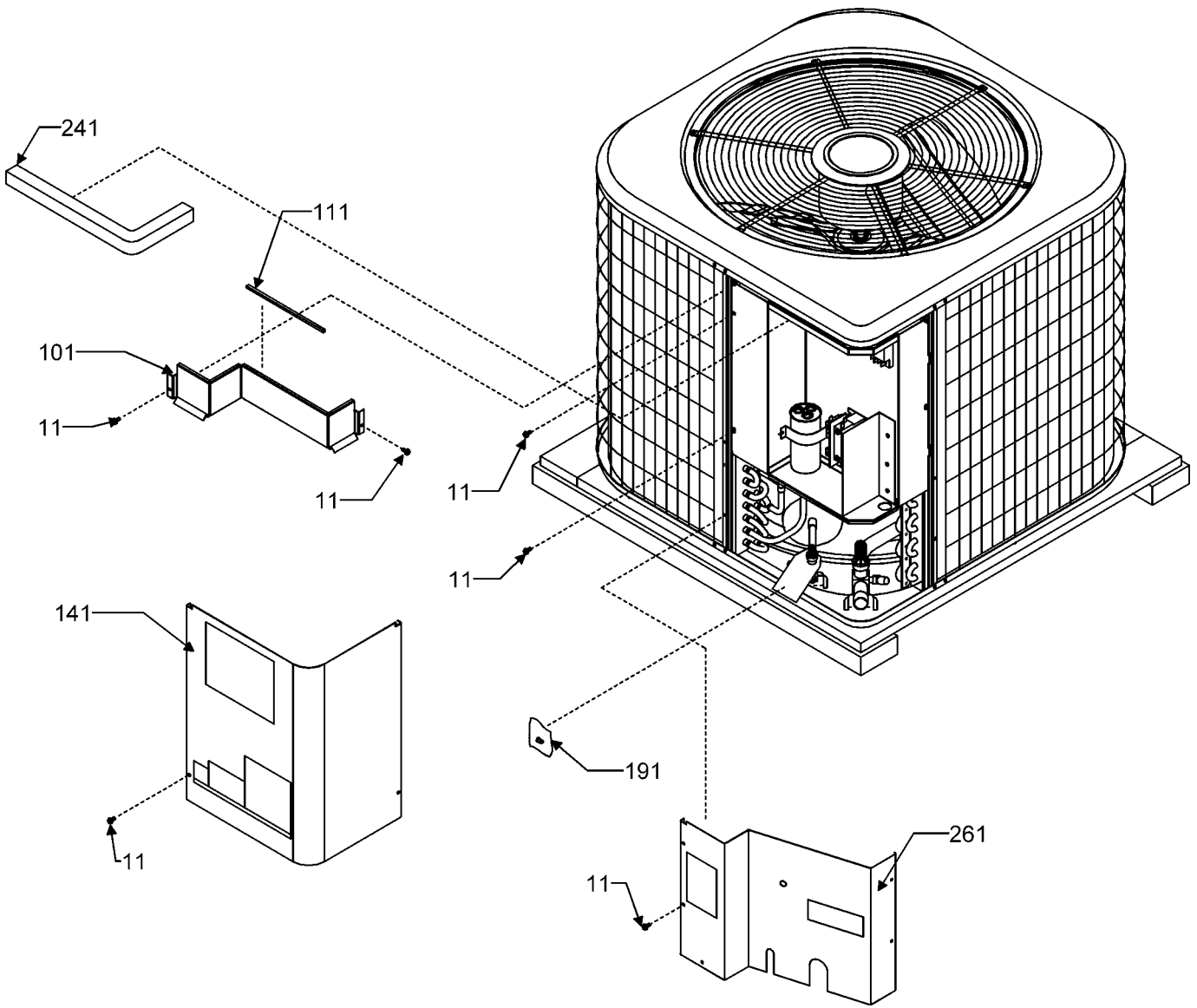
SPECIAL PARTS

10652426S INSTR-INSTALL
 10659207S MANUAL-OWNERS
 RP6114003 REPAIR PARTS MANUAL

Expanded Model Nomenclature

M1 - RSC24C2C	P1247607C
M2 - RSC30C2C	P1247608C
M3 - RSC36C2C	P1247609C
M4 - RSC42C2C	P1247610C
M5 - RSC48C2C	P1247611C
M6 - RSC60C2C	P1247612C
M7 - RSC36C2D	P1247613C
M8 - RSC42C2D	P1247614C
M9 - RSC48C2D	P1247615C
M10 - RSC60C2D	P1247616C
M11 - RSC24C2D	P1260601C
M12 - RSC30C2D	P1260602C

Control/Cover



Control/Cover

Ref Part

No: Description:

Ref. Part

No: No: Description:

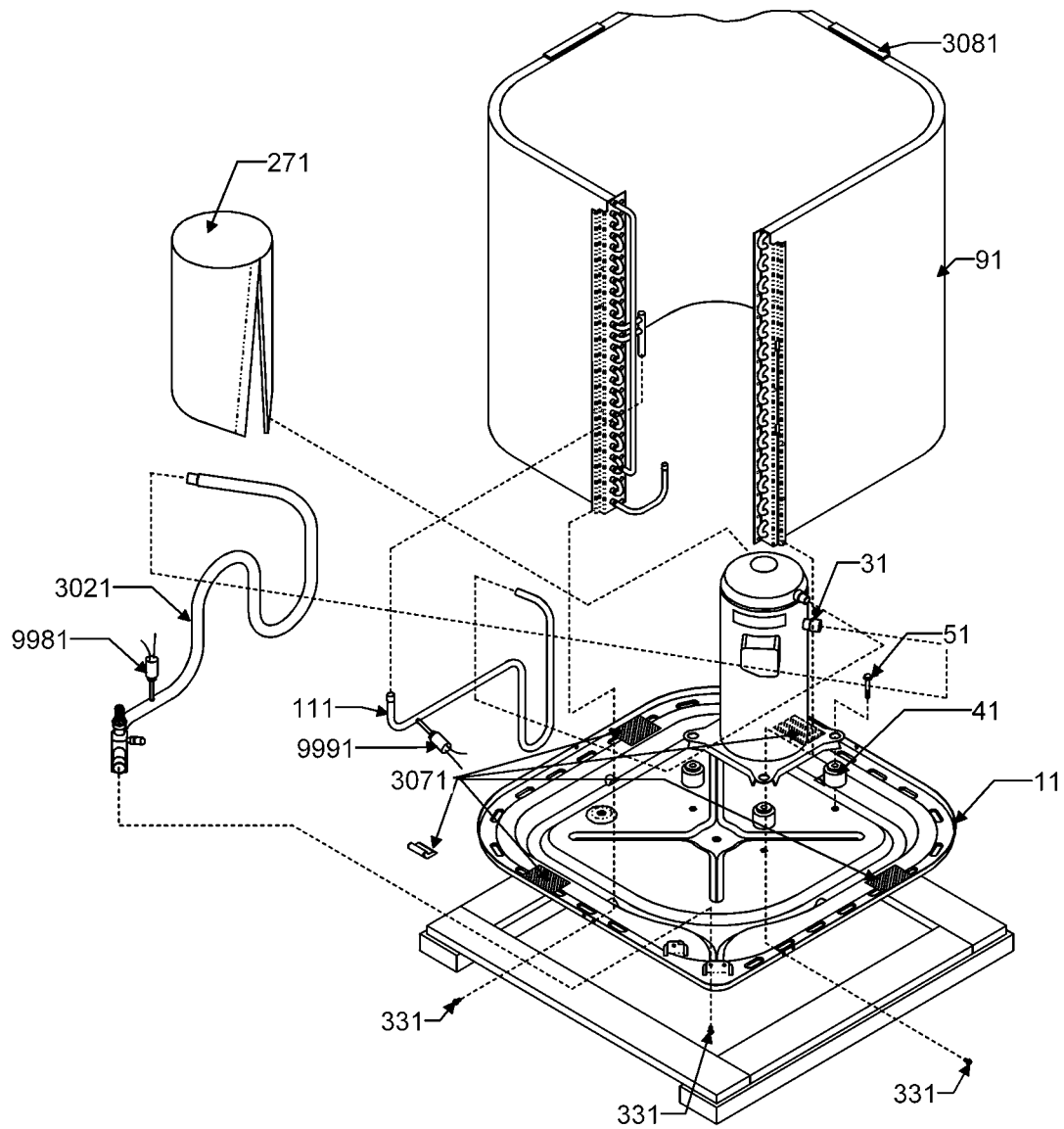
Image 1:

11	M0229303	SCREW, SM (QTY AR)
101	10597407	FILLER-CONTROL REM (M4, M5)
101	10597408	FILLER-CONTROL REM (M3, M6, M7)
101	10597409	FILLER-CONTROL REM (M8, M9, M10)
111	10839810	GASKET (M4, M5, M6, M7, M8, M9, M10)
141	10589926PDG	COVER-CONT PNT (M1, M2, M3)
141	10589926PDG	COVER-CONT PNT (M6, M7)
141	10589927PDG	COVER-CONT PNT (M4, M5)
141	10589928PDG	COVER-CONT PNT (M9)
141	10589928PDG	COVER-CONT PNT (M8, M10)
141	20160409PDG	COVER-CONT PNT (M12)
141	20160410PDG	COVER-CONT PNT (M11)
191	B1789855	FLOW CHECK PISTON KIT (M11)
191	B1789859	FLOW CHECK PISTON KIT (M12)
191	B1789867	FLOW CHECK PISTON KIT (M6)
191	B1789871	FLOW CHECK PISTON KIT (M7)
191	B1789878	FLOW CHECK PISTON KIT (M8)
191	B1789886	FLOW CHECK PISTON KIT (M10)
191	B1443829	RESTRICTOR, .053 (M1)
191	B1443831	RESTRICTOR, .060 (M2)
191	B1443807	RESTRICTOR, .067 (M3)
191	B1443808	RESTRICTOR, .069 (M4)
191	B1443832	RESTRICTOR, .078 (M5)
191	B1443820	RESTRICTOR, .086 (M9)
241	10839819	GASKET (M3, M4, M5, M6, M7, M8, M9, M10)
241	11182804	GASKET (M1, M2)
241	20164001	GASKET (M11, M12)
261	20160216PDG	PANEL-VALVE PNT (M11)
261	20160217PDG	PANEL-VALVE PNT (M12)
261	20280008PDG	PANEL-VALVE PNT (M1, M2)
261	20289711PDG	PANEL-VALVE PNT (M3, M4, M5, M6, M7, M8, M9, M10)
NS	B5134710	DRIER-FILTER (M1, M2, M3, M6, M11, M12)
NS	B5134711	DRIER-FILTER (M4, M5, M7, M8, M9, M10)

Expanded Model Nomenclature

M1 - RSC24C2C	P1247607C
M2 - RSC30C2C	P1247608C
M3 - RSC36C2C	P1247609C
M4 - RSC42C2C	P1247610C
M5 - RSC48C2C	P1247611C
M6 - RSC60C2C	P1247612C
M7 - RSC36C2D	P1247613C
M8 - RSC42C2D	P1247614C
M9 - RSC48C2D	P1247615C
M10 - RSC60C2D	P1247616C
M11 - RSC24C2D	P1260601C
M12 - RSC30C2D	P1260602C

Compressor/Tubing



Compressor/Tubing

Ref Part No:	Description:	Ref. Part No:	Description:
<i>Image 1:</i>		3021 20476106	SUCT/SWT WELD (M1)
11 10229606PDG	BASEPAN (M1)	3021 20476110	SUCT/SWT WELD (M10)
11 10258306PDG	BASEPAN (M2, M3, M4, M6, M7, M8, M10)	3021 20524603	SUCT/SWT WELD (M11)
11 10258406PDG	BASEPAN (M5, M9)	3021 20524604	SUCT/SWT WELD (M12)
11 20159905PDG	BASEPAN (M11, M12)	3071 20206601	SUPPORT, COIL (M11, M12)
31 ZP20K3EPFV930	COMPRESSOR, ZP20K3E-PFV-230 (M1, M11)	3071 20328901	SUPPORT, COIL (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10)
31 ZP24K5EPFV830	COMPRESSOR, ZP24K5E-PFV-130 (M12)	3081 10839819	GASKET, .062 x .50
31 ZP26K3EPFV930	COMPRESSOR, ZP26K3E-PFV-230 (M2)	9981 20340403	SWITCH, LOW PRESSURE, CUTOUT
31 ZP32K3EPFV930	COMPRESSOR, ZP32K3E-PFV-230 (M3, M6)	9991 20322602	SWITCH, HIGH PRESSURE, CUTOUT
31 ZP36K3EPFV930	COMPRESSOR, ZP36K3E-PFV-230 (M4, M7)	NS 20048209	HARNESS, COMPRESSOR, MOLDED (M6)
31 ZP41K3EPFV930	COMPRESSOR, ZP41K3E-PFV-230 (M5, M8)	NS 20048210	HARNESS, COMPRESSOR, MOLDED (M10)
31 ZP51K5EPFV830	COMPRESSOR, ZP51K5E-PFV-130 (M10)	Expanded Model Nomenclature	
31 ZP54K3EPFV930	COMPRESSOR, ZP54K3E-PFV-230 (M9)	M1 - RSC24C2C	P1247607C
41 B1339533	GROMMET-COMP (QTY 4)	M2 - RSC30C2C	P1247608C
51 M0221641	SCREW-SHOULDER (QTY 4)	M3 - RSC36C2C	P1247609C
91 1272101	CRATED COND. SERVICE COIL W/DRIER (M7)	M4 - RSC42C2C	P1247610C
91 1272111	CRATED COND. SERVICE COIL W/DRIER (M12)	M5 - RSC48C2C	P1247611C
91 1272118	CRATED COND. SERVICE COIL W/DRIER (M1)	M6 - RSC60C2C	P1247612C
91 1272119	CRATED COND. SERVICE COIL W/DRIER (M2)	M7 - RSC36C2D	P1247613C
91 1272134	CRATED COND. SERVICE COIL W/DRIER (M8, M10)	M8 - RSC42C2D	P1247614C
91 1272155	CRATED COND. SERVICE COIL W/DRIER (M11)	M9 - RSC48C2D	P1247615C
91 1272164	CRATED COND. SERVICE COIL W/DRIER (M3, M6)	M10 - RSC60C2D	P1247616C
91 1272165	CRATED COND. SERVICE COIL W/DRIER (M4)	M11 - RSC24C2D	P1260601C
91 1272167	CRATED COND. SERVICE COIL W/DRIER (M5)	M12 - RSC30C2D	P1260602C
91 1272170	CRATED COND. SERVICE COIL W/DRIER (M9)		
111 0220R00000P	TUBE, WELD-DISCHARGE (M10)		
111 20340502	TUBE, WELD-DISCHARGE (M1)		
111 20340503	TUBE, WELD-DISCHARGE (M2)		
111 20340504	TUBE, WELD-DISCHARGE (M3, M6)		
111 20340602	TUBE, WELD-DISCHARGE (M5)		
111 20340605	TUBE, WELD-DISCHARGE (M4)		
111 20340606	TUBE, WELD-DISCHARGE (M9)		
111 22315401	TUBE, WELD-DISCHARGE (M11)		
111 22321301	TUBE, WELD-DISCHARGE (M12)		
111 22321302	TUBE, WELD-DISCHARGE (M7)		
111 22321501	TUBE, WELD-DISCHARGE (M8)		
271 B1488806	COMPRESSOR, BLANKET, SOUND (M9, M10)		
271 B1488807	COMPRESSOR, BLANKET, SOUND (M1, M3, M4, M5, M6, M7, M8, M11)		
271 B1488810	COMPRESSOR, BLANKET, SOUND (M2, M12)		
331 M0229303	SCREW-SM (QTY AR)		
3021 20446703	SUCT/SWT WELD (M8)		
3021 20476101	SUCT/SWT WELD (M2)		
3021 20476102	SUCT/SWT WELD (M3, M6)		
3021 20476103	SUCT/SWT WELD (M4, M7)		
3021 20476104	SUCT/SWT WELD (M5)		
3021 20476105	SUCT/SWT WELD (M9)		

Tubing

Image 1

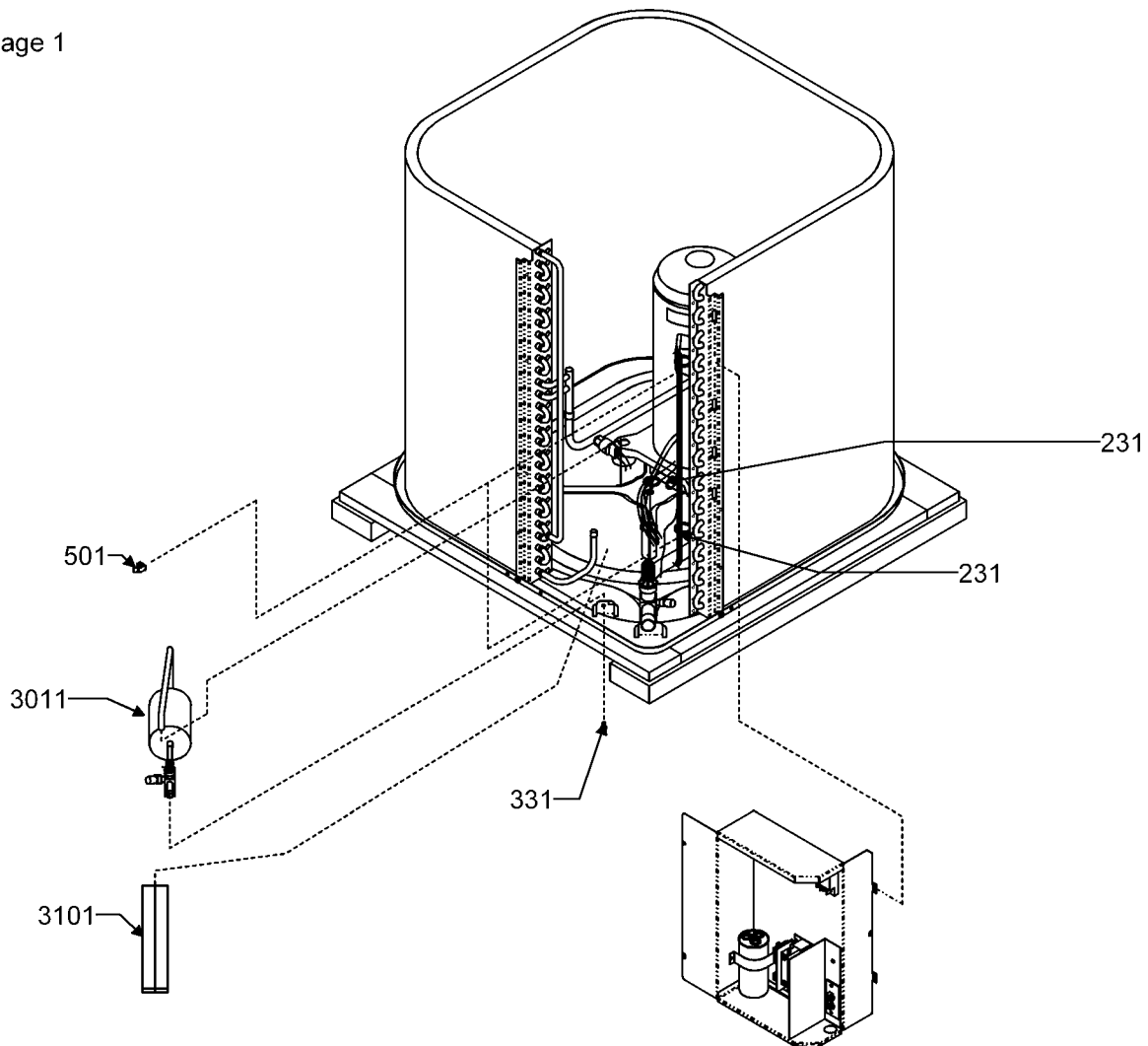
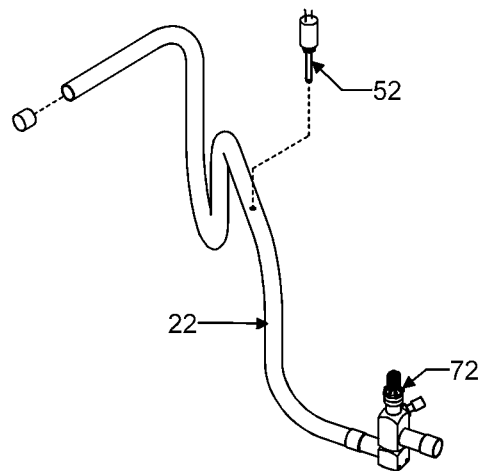


Image 2



Tubing

Ref Part No:	Description:	Ref. Part 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
3011	20449201	TUBE WELD-LVLV (M1, M2, M3, M6)
3011	20449202	TUBE WELD-LVLV (M4, M5, M9)
3011	22315201	TUBE WELD-LVLV (M11, M12)
3011	22315202	TUBE WELD-LVLV (M8, M10)
3011	22315203	TUBE WELD-LVLV (M7)
3101	10839811	GASKET, .12 X 1.0

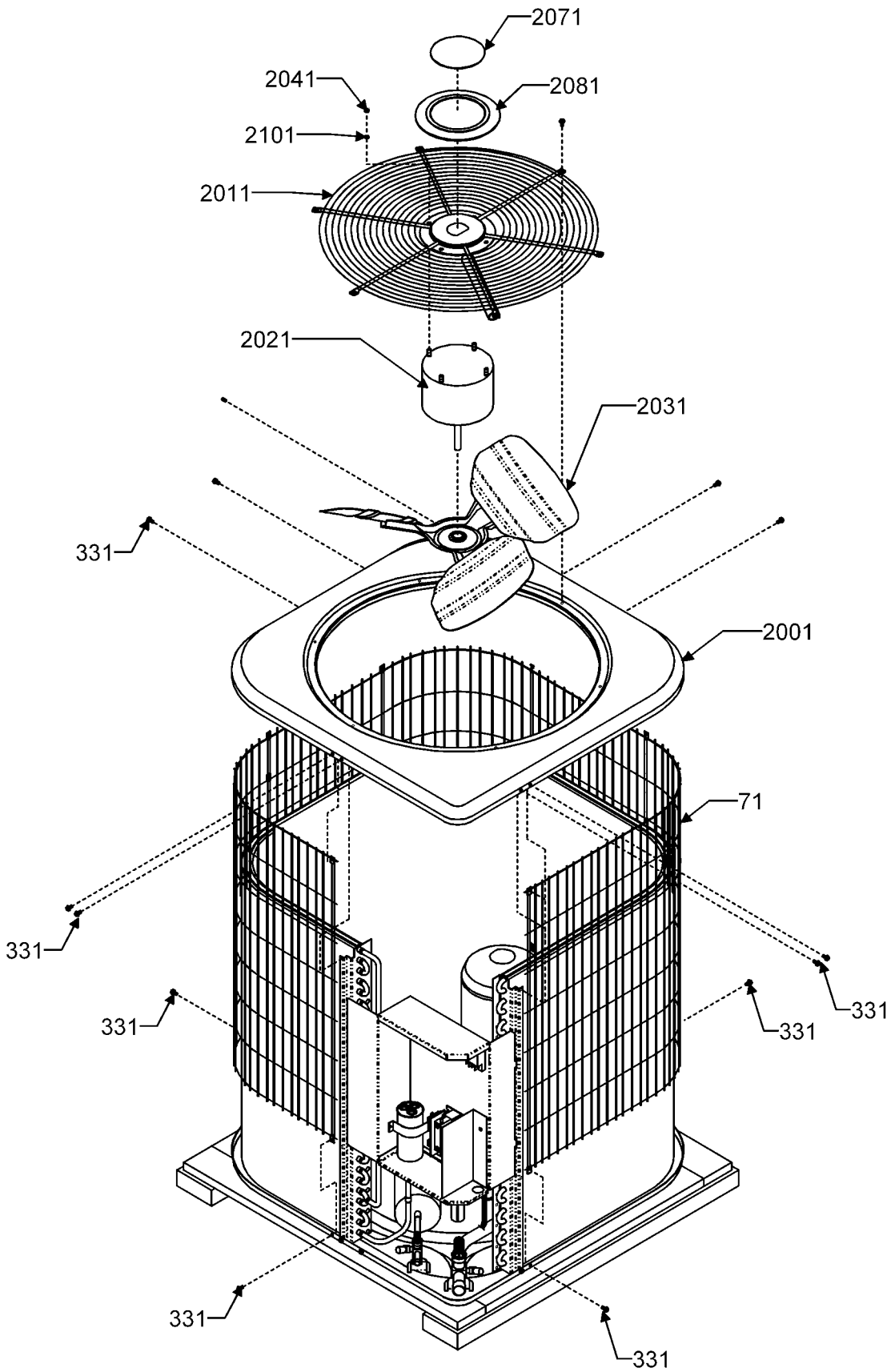
Image 2:

22	20446803	TUBE SUCTION (M8)
22	20475503	TUBE SUCTION (M3, M6)
22	20475504	TUBE SUCTION (M2)
22	20476001	TUBE SUCTION (M1)
22	20476203	TUBE SUCTION (M5)
22	20476204	TUBE SUCTION (M9)
22	20476205	TUBE SUCTION (M4, M7)
22	20476206	TUBE SUCTION (M10)
22	22315301	TUBE SUCTION (M11)
22	22315302	TUBE SUCTION (M12)
52	20340403	SWITCH, LOW PRESSURE, CUTOUT
72	20163902S	VALVE-SERVICE 3/4" (M1, M2, M3, M6, M11, M12)
72	20163903S	VALVE-SERVICE 7/8" (M4, M5, M7, M8, M9, M10)

Expanded Model Nomenclature

M1 - RSC24C2C	P1247607C
M2 - RSC30C2C	P1247608C
M3 - RSC36C2C	P1247609C
M4 - RSC42C2C	P1247610C
M5 - RSC48C2C	P1247611C
M6 - RSC60C2C	P1247612C
M7 - RSC36C2D	P1247613C
M8 - RSC42C2D	P1247614C
M9 - RSC48C2D	P1247615C
M10 - RSC60C2D	P1247616C
M11 - RSC24C2D	P1260601C
M12 - RSC30C2D	P1260602C

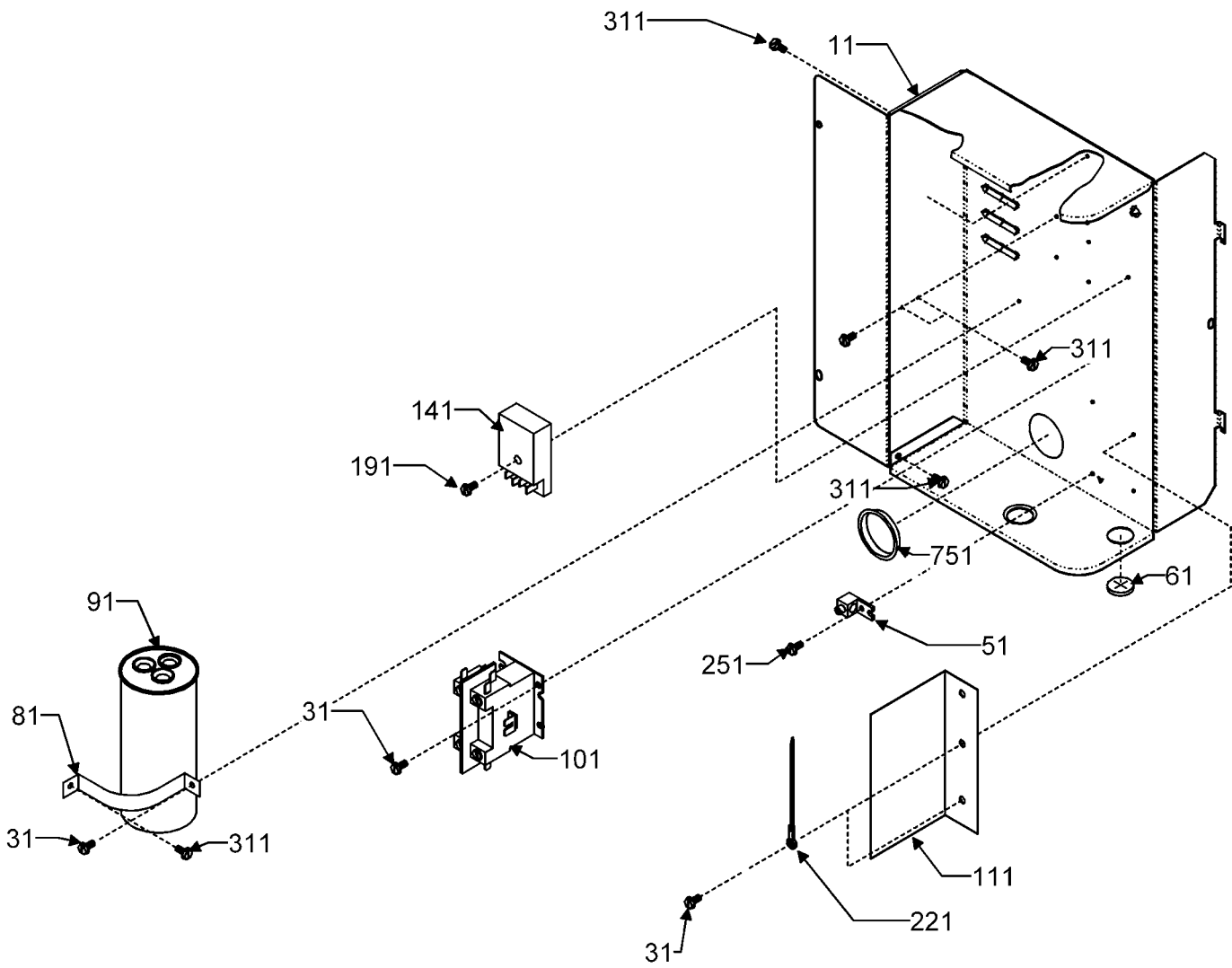
Cabinet/Top



Cabinet/Top

Ref Part No:	Description:	Ref. Part No:	Description:
<i>Image 1:</i>		Expanded Model Nomenclature	
71	20440006	GRILLE-FORMED (M11)	M1 - RSC24C2C P1247607C
71	20449311	GRILLE-FORMED (M1)	M2 - RSC30C2C P1247608C
71	20449312Q	GRILLE-FORMED (M2)	M3 - RSC36C2C P1247609C
71	20449313	GRILLE-FORMED (M4)	M4 - RSC42C2C P1247610C
71	20449314Q	GRILLE-FORMED (M9)	M5 - RSC48C2C P1247611C
71	20449315Q	GRILLE-FORMED (M3, M6, M7)	M6 - RSC60C2C P1247612C
71	20449316Q	GRILLE-FORMED (M5)	M7 - RSC36C2D P1247613C
71	20449318	GRILLE-FORMED (M12)	M8 - RSC42C2D P1247614C
71	20449319Q	GRILLE-FORMED (M8, M10)	M9 - RSC48C2D P1247615C
331	M0229303	SCREW-SM (QTY AR)	M10 - RSC60C2D P1247616C
2001	10229806PDG	COVER-CONT PNT (M1)	M11 - RSC24C2D P1260601C
2001	10576105PDG	COVER-CONT PNT (M2, M3, M4, M6, M7, M8, M10)	M12 - RSC30C2D P1260602C
2001	10576310PDG	COVER-CONT PNT (M5, M9)	
2001	20160505PDG	COVER-CONT PNT (M11, M12)	
2011	20515001	GRILLE-FAN (M1, M11, M12)	
2011	20515002	GRILLE-FAN (M2, M3, M4, M6, M7, M8, M10)	
2011	20515003	GRILLE-FAN (M5, M9)	
2021	10584307	MOTOR, CONDENSER, 1/12 HP, 825 RPM (M1, M2)	
2021	10584313	MOTOR, CONDENSER, 1/4 HP, 830 RPM (M4, M5, M9)	
2021	B13400272	MOTOR, CONDENSER, 1/4 HP, 830 RPM (M8, M10)	
2021	B13400252	MOTOR, CONDENSER, 1/6 HP, 1075 RPM (M11, M12)	
2021	B13400349	MOTOR, CONDENSER, 1/6 HP, 815 RPM (M7)	
2021	10584308	MOTOR, CONDENSER, 1/6 HP, 825 RPM (M3)	
2021	10584323	MOTOR, CONDENSER, 1/6 HP, 825 RPM (M6)	
2031	10625721	BLADE, FAN, 18", 30° P, 3 BLADE, CW (M1)	
2031	10625730	BLADE, FAN, 18", 35° P, 3 BLADE, CCW (M11, M12)	
2031	10625705	BLADE, FAN, 22", 18° P, 3 BLADE, CW (M2)	
2031	10625704	BLADE, FAN, 22", 28° P, 3 BLADE, CW (M3)	
2031	10625723	BLADE, FAN, 22", 31° P, 3 BLADE, CW (M5)	
2031	10625706	BLADE, FAN, 22", 32° P, 3 BLADE, CW (M4)	
2031	10625739	BLADE, FAN, 22", 33° P, 3 BLADE, CCW (M8, M10)	
2031	10625733	BLADE, FAN, 22", 37° P, 3 BLADE, CCW (M6, M7)	
2031	10625707	BLADE, FAN, 26", 20° P, 3 BLADE, CW (M9)	
2041	M0280801	NUT-HEX (QTY 4)	
2071	20325001	INSERT-LOGO	
2081	10651102	DISK-LOGO	
2101	M0272803	WASHER-LOCK (QTY 4)	
NS	20515501	NAMEPLATE ASSY-AMAN	

Control Box



Control Box

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

11	11174704	PANEL, CONTROL (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10)
11	20187205	PANEL, CONTROL (M12)
11	20187305	PANEL, CONTROL (M11)
31	M0216517	SCREW-SM (QTY 11)
51	A9015201	LUG-GROUND
61	A4603801	GROMMET
81	20520901	STRAP-CAPACITOR
91	B94575300	CAPACITOR, 35/5/370 (M1, M11)
91	B94575500	CAPACITOR, 40/5/370 (M12)
91	B94577200S	CAPACITOR, 45/5/370 (M2, M3, M6)
91	B94575900	CAPACITOR, 55/5/370 (M4, M7)
91	B94577500	CAPACITOR, 60/5/370 (M5, M8)
91	B94577700	CAPACITOR, 70/5/370 (M10)
91	B94577600S	CAPACITOR, 80/5/370 (M9)
101	B1360321	CONTACTOR, 25A (M1, M2, M3, M6, M11, M12)
101	C6170002	CONTACTOR-30A (M4, M5, M7, M8)
101	C6170005	CONTACTOR-40A (M9, M10)
111	C6170005	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 - RSC24C2C	P1247607C
M2 - RSC30C2C	P1247608C
M3 - RSC36C2C	P1247609C
M4 - RSC42C2C	P1247610C
M5 - RSC48C2C	P1247611C
M6 - RSC60C2C	P1247612C
M7 - RSC36C2D	P1247613C
M8 - RSC42C2D	P1247614C
M9 - RSC48C2D	P1247615C
M10 - RSC60C2D	P1247616C
M11 - RSC24C2D	P1260601C
M12 - RSC30C2D	P1260602C