

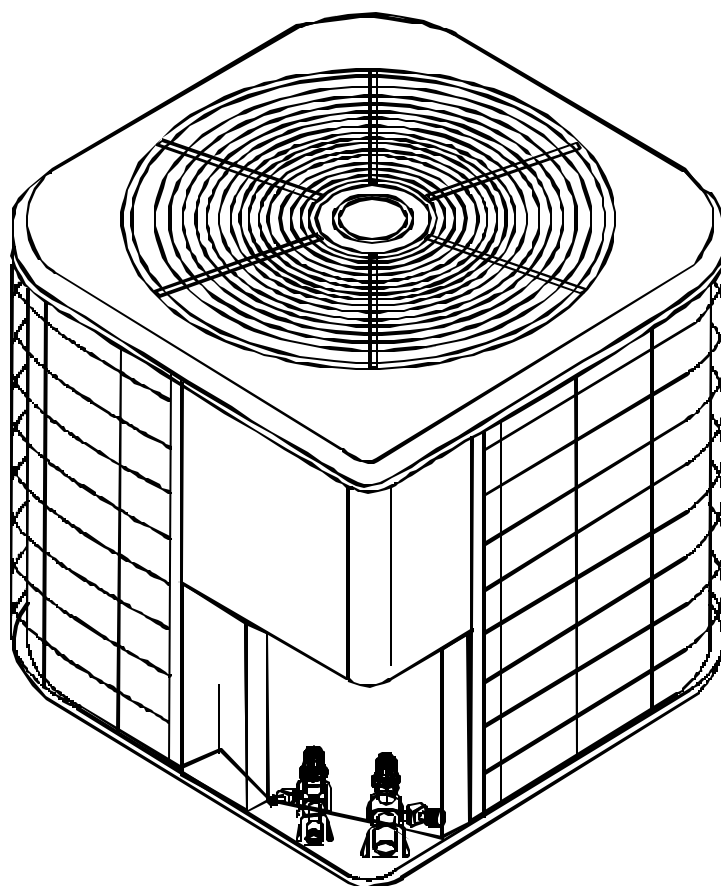
Parts

RCE Remote Cooling

Replaces RP6113001 Rev. 0

Models and manufacturing
numbers in this manual

RCE24A2A	P1218707C
RCE24A2D	P1218713C
RCE30A2B	P1218708C
RCE30A2D	P1218714C
RCE36A2A	P1218709C
RCE36A2D	P1218715C
RCE42A2A	P1218710C
RCE42A2D	P1218716C
RCE48A2A	P1218711C
RCE48A2D	P1218717C
RCE60A2A	P1218712C
RCE60A2D	P1218718C



This manual is to be used by qualified appliance technicians only. Amana does not assume any responsibility for property damage or personal injury for improper service procedures performed by an unqualified person.

Amana
Heating & Air Conditioning
Comfort. Quality. Trust.

RP6113001 (1)
Revision 1
May 2001

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
Amana Heating and Air Conditioning
1810 Wilson Parkway
Fayetteville, TN 37334
877-254-4729-Telephone
931-438-2922-Facsimile

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

International Division
Amana Heating and Air Conditioning
1810 Wilson Parkway
Fayetteville, TN 37334
931-438-3632-Telephone
931-438-2922-Facsimile

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Illustration and Parts 6 - 13

Views shown are for parts illustrations only, not servicing procedures.

Added RCE*A2D 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 and Color Nomenclature:

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

Functional Parts

Part

No: Description:

B1274701	BOARD-TERM
D6789024	CAPACITOR (M1, M2, M7, M8)
D6789047	CAPACITOR (M6, M12)
D6789046	CAPACITOR (M5, M11)
D6789043	CAPACITOR (M4, M10)
D6789031	CAPACITOR (M3, M9)
11012508	COMP-CP ZR22K3-PFV (M1, M7)
11012507	COMP-CP ZR26K3-PFV (M2, M8)
11012506	COMP-CP ZR32K3-PFV (M3, M9)
11012505	COMP-CP ZR36K3-PFV (M4, M10)
11012504	COMP-CP ZR42K3-PFV (M5, M11)
10289209	COMP-CP ZR54K3-PFV (M6, M12)
C6170004	CONTACTOR-25A (M1, M2, M3, M4, M7, M8, M9, M10)
C6170002	CONTACTOR-30A (M5, M11)
C6170005	CONTACTOR-40A (M6, M12)
10641501	DRIER-FILTER (M1, M2, M7, M8)
10641502	DRIER-FILTER (M3, M4, M5, M6, M9, M10, M11, M12)
10625707	FAN-CONDENSER (M3, M4, M5, M6, M9, M10, M11, M12)
10625705	FAN-CONDENSER (M1, M2, M7, M8)
10584313	MOTOR-COND (M3, M4, M5, M6, M9, M10, M11, M12)
10584307	MOTOR-COND (M1, M2, M7, M8)
C6415502	PROTECTOR-CYCLE

Functional Parts

Part

No: Description:

SPECIAL PARTS

10652410	MANUAL-INSTAL (M7, M8, M9, M10, M11, M12)
10652408	MANUAL-INSTALL (M1, M2, M3, M4, M5, M6)
10659202	MANUAL-OWNERS
RP6113001	PARTS MANUAL
20192312	RCE24A2A-SPEC SHT (M1)
20192318	RCE24A2D-SPEC SHT (M7)
20192313	RCE30A2B-SPEC SHT (M2)
20192319	RCE30A2D-SPEC SHT (M8)
20192314	RCE36A2A-SPEC SHT (M3)
20192320	RCE36A2D-SPEC SHT (M9)
20192315	RCE42A2A-SPEC SHT (M4)
20192321	RCE42A2D-SPEC SHT (M10)
20192316	RCE48A2A-SPEC SHT (M5)
20192322	RCE48A2D-SPEC SHT (M11)
20192317	RCE60A2A-SPEC SHT (M6)
20192323	RCE60A2D-SPEC SHT (M12)
RS6200003	SERVICE MANUAL
RT6112003	TECHNICAL INFORMATION
20315604	WARRANTY-5 YR CAC

Expanded Model and Color Nomenclature

M1 - RCE24A2A	P1218707C
M2 - RCE30A2B	P1218708C
M3 - RCE36A2A	P1218709C
M4 - RCE42A2A	P1218710C
M5 - RCE48A2A	P1218711C
M6 - RCE60A2A	P1218712C
M7 - RCE24A2D	P1218713C
M8 - RCE30A2D	P1218714C
M9 - RCE36A2D	P1218715C
M10 - RCE42A2D	P1218716C
M11 - RCE48A2D	P1218717C
M12 - RCE60A2D	P1218718C

Control Cover/Compressor/Tubing

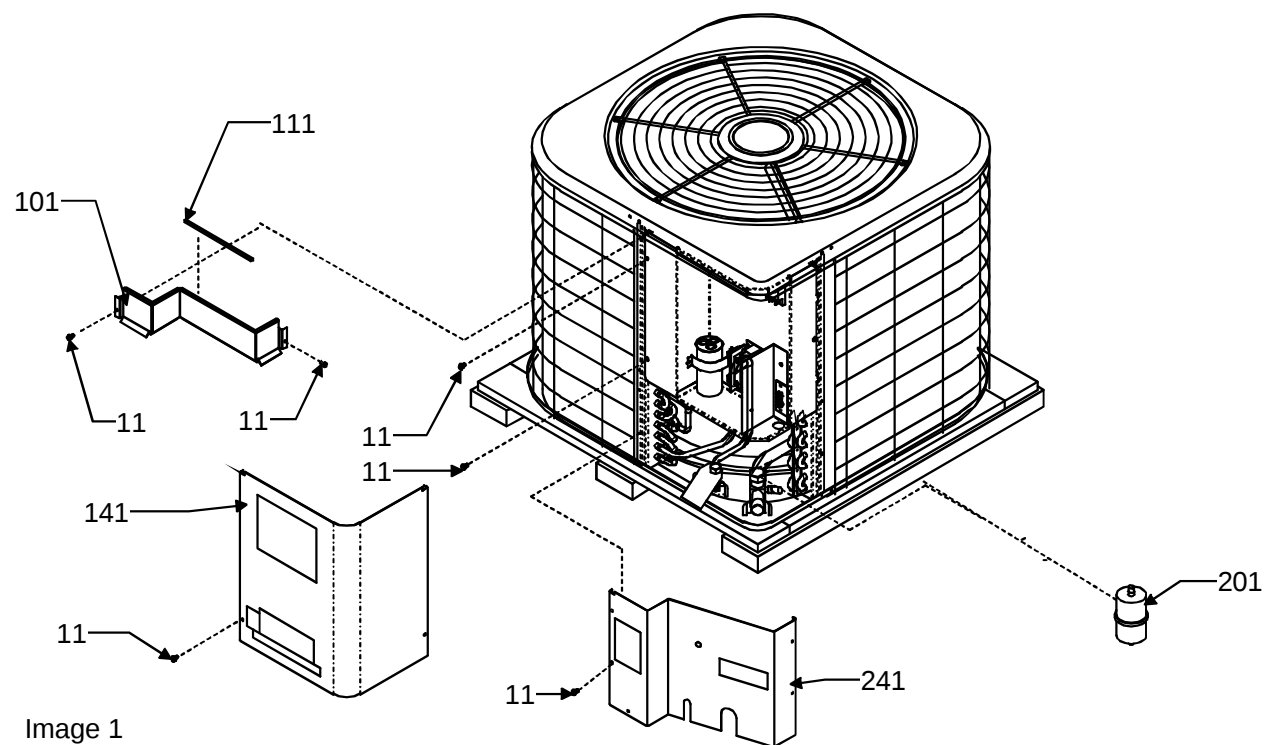
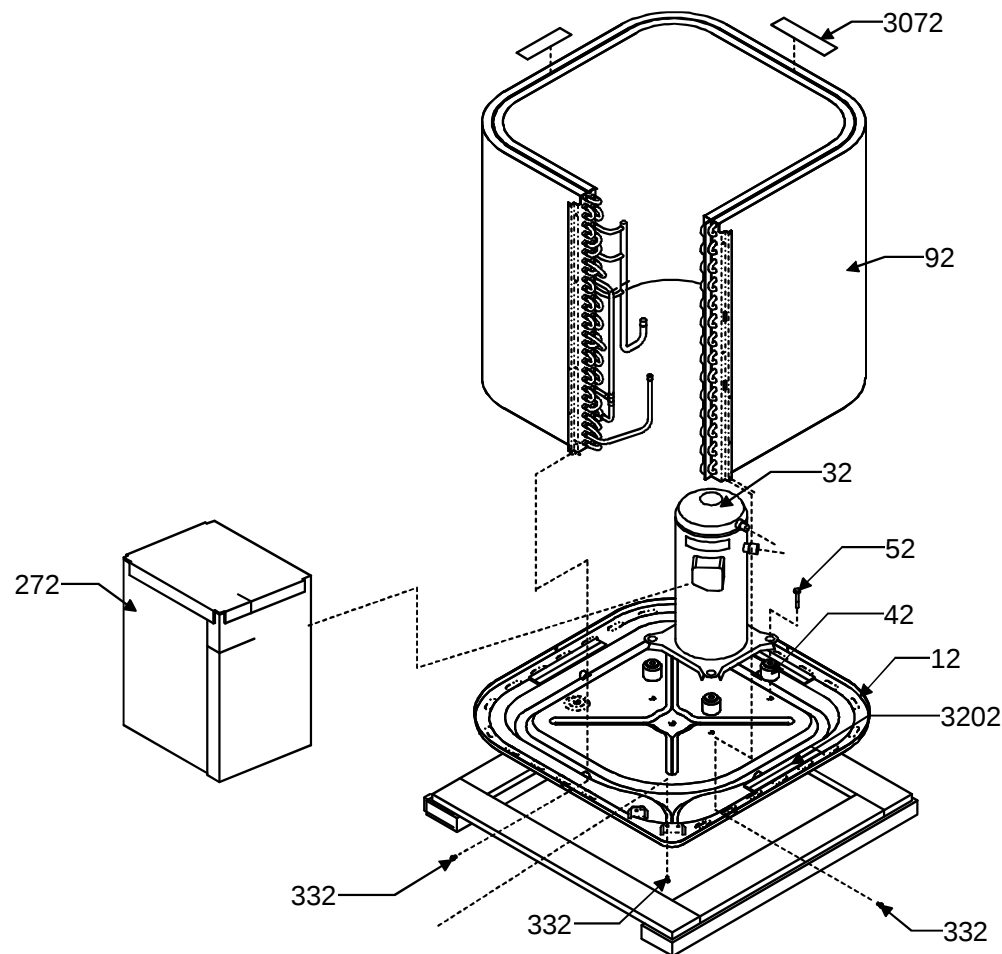


Image 1

Image 2



Control Cover/Compressor/Tubing

Ref. Part

No: No: Description:

Ref. Part

No: No: Description:

Image 1:

11	M0220816	SCREW-SM (QTY AR)
101	10597407	FILLER-CONTROL (M3, M4, M5, M9, M10, M11)
101	10597408	FILLER-CONTROL (M1, M2, M7, M8)
101	10597409	FILLER-CONTROL (M6, M12)
111	10839810	GASKET-.18X.38 (QTY 6)
141	10589917	CONT COVER (M1, M2, M7, M8)
141	10589918	CONT COVER (M3, M4, M5, M9, M10, M11)
141	10589919	CONT COVER (M6, M12)
201	10641501	DRIER-FILTER (M1, M2, M7, M8)
201	10641502	DRIER-FILTER (M3, M4, M5, M6, M9, M10, M11, M12)
241	20289707	VALVE PANEL

Image 2:

12	10258303	BASEPAN (M1, M2, M7, M8)
12	10258403	BASEPAN ASSY (M3, M4, M5, M6, M9, M10, M11, M12)
32	11012508	COMP-CP ZR22K3-PFV (M1, M7)
32	11012507	COMP-CP ZR26K3-PFV (M2, M8)
32	11012506	COMP-CP ZR32K3-PFV (M3, M9)
32	11012505	COMP-CP ZR36K3-PFV (M4, M10)
32	11012504	COMP-CP ZR42K3-PFV (M5, M11)
32	10289209	COMP-CP ZR54K3-PFV (M6, M12)
42	10107301	GROMMET-COMP FOOT (QTY 4)
52	M0221641	SCREW-SHOULDER TF (QTY 4)
92	11066702	COND ASSY-PPNT (M1, M7)
92	11066703	COND ASSY-PPNT (M2, M8)
92	11070803	COND ASSY-PPNT (M3, M4, M9, M10)
92	11071202	COND ASSY-PPNT (M6, M12)
92	11072002	COND ASSY-PPNT (M5, M11)
272	11026401	BLANKET-SOUND (M1, M2, M7, M8)
272	11026501	BLANKET-SOUND (M3, M4, M5, M9, M10, M11)
272	11026601	BLANKET-SOUND (M6, M12)
332	M0220816	SCREW-SM (QTY 7)
3072	10839819	GASKET-.062X.50 (QTY AR)
3202	20328901	SUPPORT-COIL (QTY 4)

Expanded Model and Color Nomenclature

M1 - RCE24A2A	P1218707C
M2 - RCE30A2B	P1218708C
M3 - RCE36A2A	P1218709C
M4 - RCE42A2A	P1218710C
M5 - RCE48A2A	P1218711C
M6 - RCE60A2A	P1218712C
M7 - RCE24A2D	P1218713C
M8 - RCE30A2D	P1218714C
M9 - RCE36A2D	P1218715C
M10 - RCE42A2D	P1218716C
M11 - RCE48A2D	P1218717C
M12 - RCE60A2D	P1218718C

Tubing

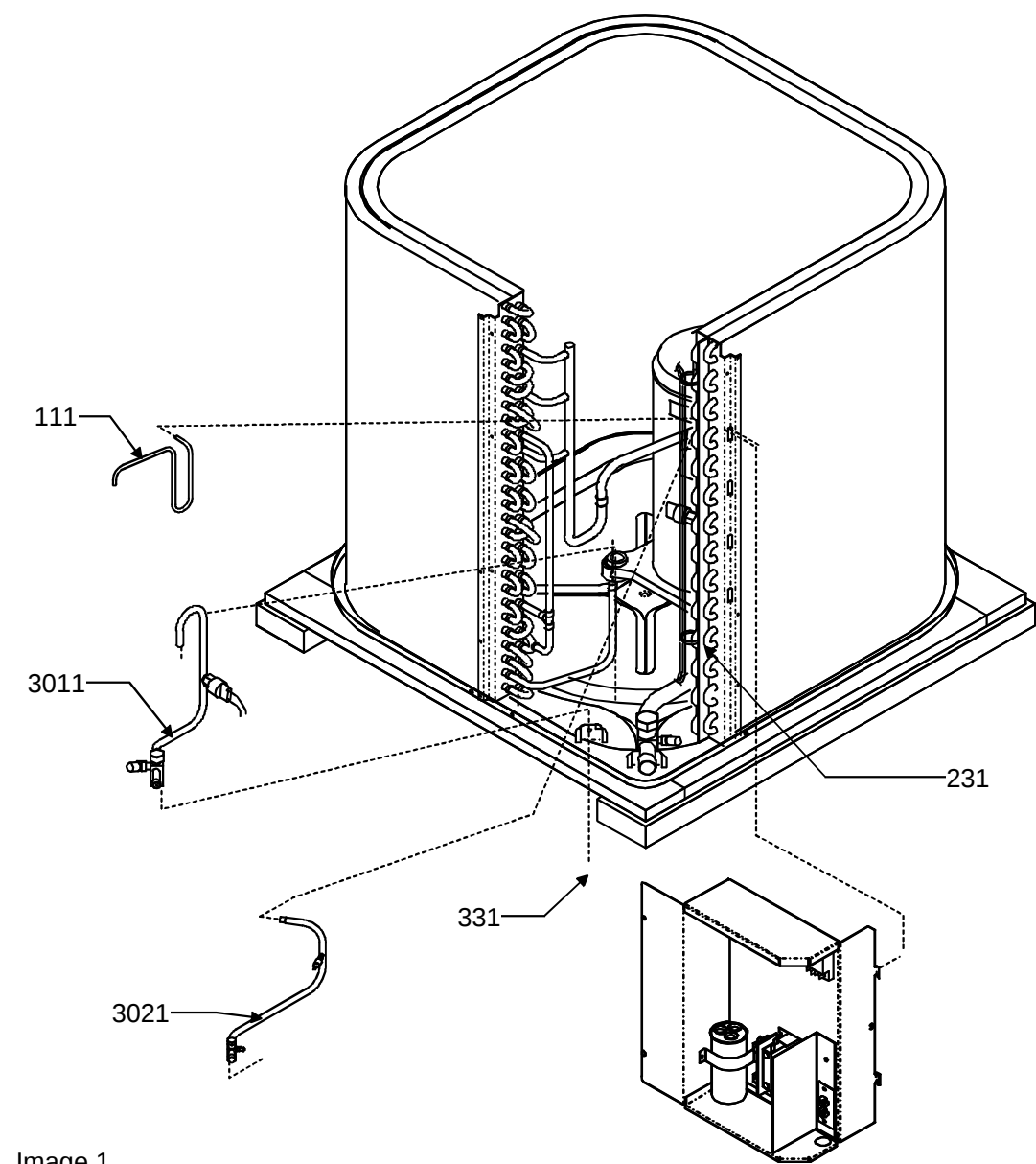


Image 1

Image 2

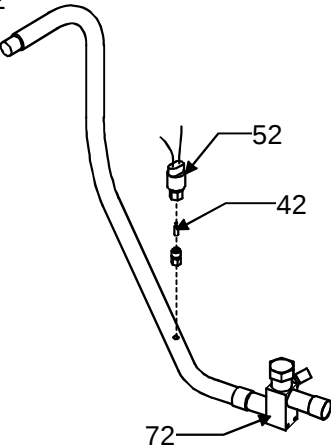
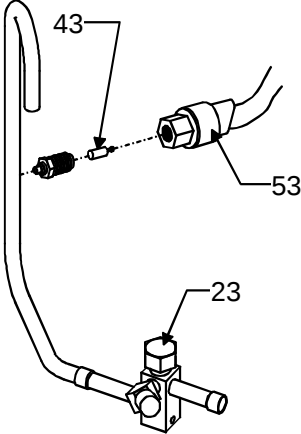


Image 3



Tubing

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

111	11066903	TUBE-DISCH (M1, M2, M7, M8)
111	11070401	TUBE-DISCH (M3, M4, M9, M10)
111	11071502	TUBE-DISCH (M5, M6, M11, M12)
231	M0321202	TIE-ELEC LG (QTY AR)
331	M0220816	SCREW-SM (QTY 7)
3011	11055834	LIQUID VALVE WELD (M1, M2, M3, M4, M5, M6)
3011	20317501	LIQUID VALVE WELD (M7, M8, M9, M10, M11, M12)
3021	20317105	SUCT/SWT WELD (M6, M12)
3021	20317107	SUCT/SWT WELD (M3, M4, M9, M10)
3021	20317108	SUCT/SWT WELD (M5, M11)
3021	20317109	SUCT/SWT WELD (M1, M2, M7, M8)

Image 2:

42	A4692801	VALVE-CORE
52	C6453306	CUTOUT-LOW PRESS
72	20163902	VALVE-SERVICE 3/4 (M1, M2, M7, M8)
72	20163903	VALVE-SERVICE 7/8 (M3, M4, M5, M6, M9, M10, M11, M12)

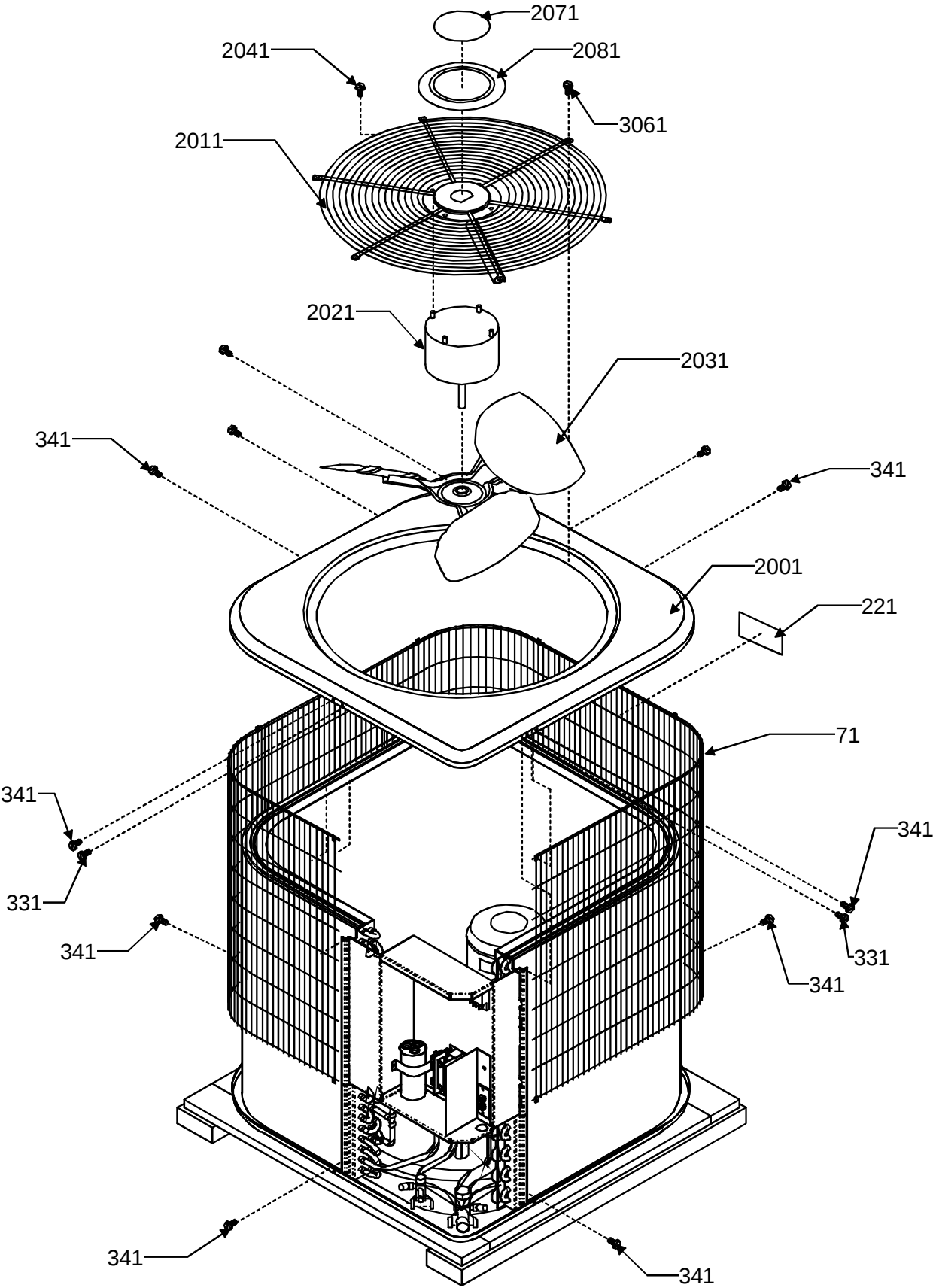
Image 3:

23	11069802	SUCTION-TUBE
23	20316101	TUBE-SUCTION (M6, M12)
23	20316201	TUBE-SUCTION (M5, M11)
23	20316301	TUBE-SUCTION (M3, M4, M9, M10)
23	20337801	TUBE-SUCTION (M7, M8)
43	A4692801	VALVE-CORE
53	C6453406	CUTOUT-HIGH PRESS

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M1 - RCE24A2A	P1218707C
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M3 - RCE36A2A	P1218709C
M4 - RCE42A2A	P1218710C
M5 - RCE48A2A	P1218711C
M6 - RCE60A2A	P1218712C
M7 - RCE24A2D	P1218713C
M8 - RCE30A2D	P1218714C
M9 - RCE36A2D	P1218715C
M10 - RCE42A2D	P1218716C
M11 - RCE48A2D	P1218717C
M12 - RCE60A2D	P1218718C

Cabinet/Top



Cabinet/Top

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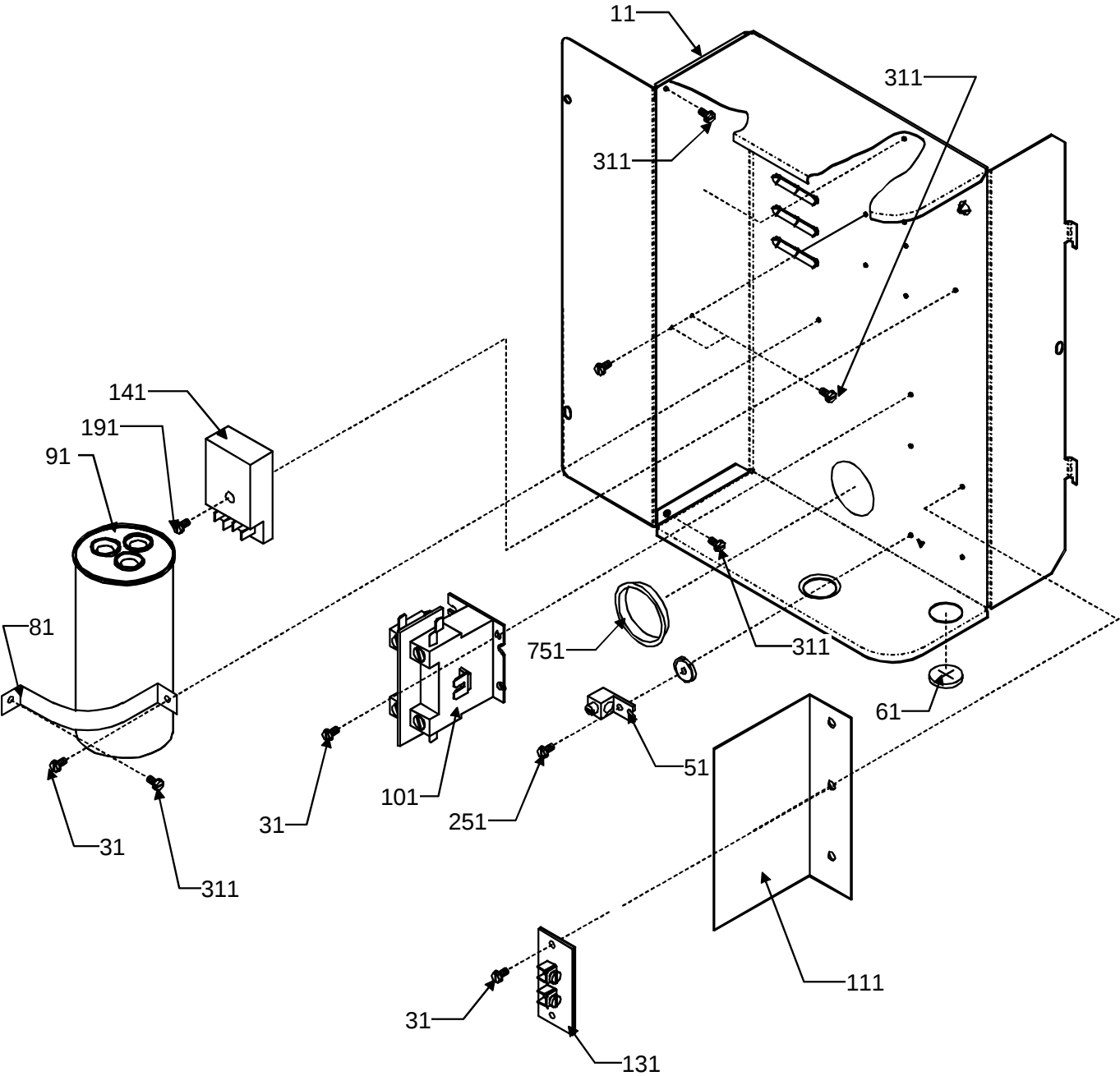
Image 1:

71	20030514	GRILLE-FORMED (M6, M12)
71	20030515	GRILLE-FORMED (M3, M4, M5, M9, M10, M11)
71	20030517	GRILLE-FORMED (M1, M2, M7, M8)
221	20187902	NAMEPLATE-SIDE
331	M0220816	SCREW-SM (QTY 7)
341	M0229303	SCREW-SM (QTY AR)
2001	10576103	COVER-TOP (M1, M2, M7, M8)
2001	10576305	COVER-TOP (M3, M4, M5, M6, M9, M10, M11, M12)
2011	10589802	GRILLE-FAN (M1, M2, M7, M8)
2011	10589804	GRILLE-FAN (M3, M4, M5, M6, M9, M10, M11, M12)
2021	10584307	MOTOR-COND (M1, M2, M7, M8)
2021	10584313	MOTOR-COND (M3, M4, M5, M6, M9, M10, M11, M12)
2031	10625705	FAN-CONDENSER (M1, M2, M7, M8)
2031	10625707	FAN-CONDENSER (M3, M4, M5, M6, M9, M10, M11, M12)
2041	M0280801	NUT-HEX (QTY 4)
2071	20325002	INSERT-LOGO (M7, M8, M9, M10, M11, M12)
2071	20325004	INSERT-LOGO (M1, M2, M3, M4, M5, M6)
2081	10651101	DISK-LOGO
3061	M0229303	SCREW-SM (M1, M2, M7, M8, M9, M10, M11, M12)

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M3 - RCE36A2A	P1218709C
M4 - RCE42A2A	P1218710C
M5 - RCE48A2A	P1218711C
M6 - RCE60A2A	P1218712C
M7 - RCE24A2D	P1218713C
M8 - RCE30A2D	P1218714C
M9 - RCE36A2D	P1218715C
M10 - RCE42A2D	P1218716C
M11 - RCE48A2D	P1218717C
M12 - RCE60A2D	P1218718C

Control Box



Control Box

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

11	11174704	CONTROL BOX-1 PIECE
31	M0216517	SCREW-SM (QTY AR)
51	A9015201	LUG-GROUND (M7, M8, M9, M10, M11, M12)
51	A9015203	LUG-GROUND (M1, M2, M3, M4, M5, M6)
61	A4603801	GROMMET
81	C6300508	STRAP-CAPACITOR CO
91	D6789024	CAPACITOR (M1, M2, M7, M8)
91	D6789031	CAPACITOR (M3, M9)
91	D6789043	CAPACITOR (M4, M10)
91	D6789046	CAPACITOR (M5, M11)
91	D6789047	CAPACITOR (M6, M12)
101	C6170004	CONTACTOR-25A (M1, M2, M3, M4, M7, M8, M9, M10)
101	C6170002	CONTACTOR-30A (M5, M11)
101	C6170005	CONTACTOR-40A (M6, M12)
111	11156901	BARRIER-LOW VOLT
131	B1274701	BOARD-TERM
141	C6415502	PROTECTOR-CYCLE
191	M0216521	SCREW-SM
251	M0216529	SCREW-SM
311	M0216515	SCREW-SM (QTY 4)
751	A4554807	BUSHING-SNAP

Expanded Model and Color Nomenclature

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M3 - RCE36A2A	P1218709C
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M5 - RCE48A2A	P1218711C
M6 - RCE60A2A	P1218712C
M7 - RCE24A2D	P1218713C
M8 - RCE30A2D	P1218714C
M9 - RCE36A2D	P1218715C
M10 - RCE42A2D	P1218716C
M11 - RCE48A2D	P1218717C
M12 - RCE60A2D	P1218718C