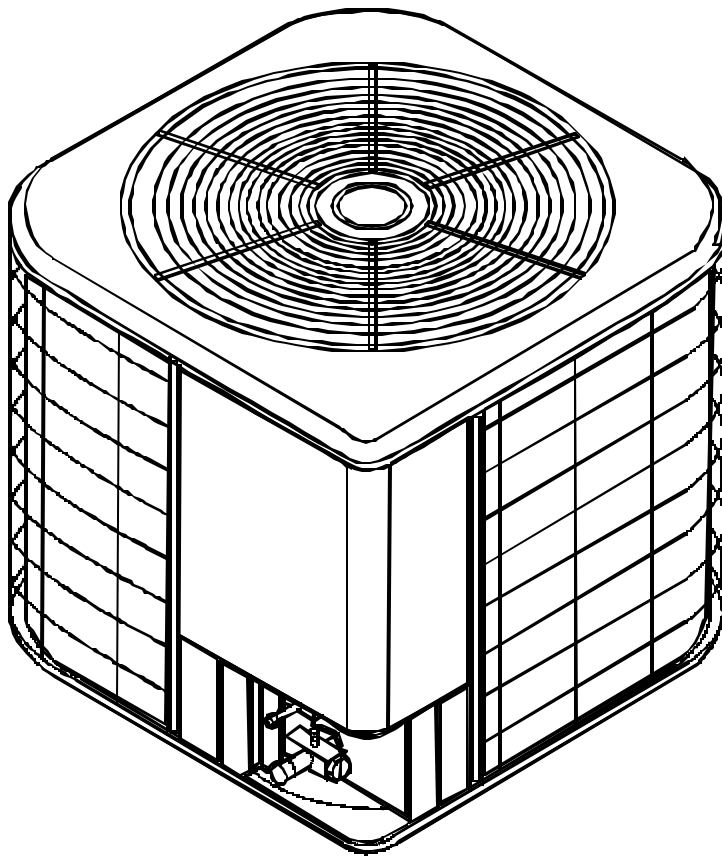


Models and manufacturing
numbers in this manual

RCC18A2E	P1218531C
RCC24A2E	P1218532C
RCC30A2E	P1218533C
RCC36A2E	P1218534C
RCC42A2E	P1218535C
RCC48A2E	P1218541C
RCC60A2E	P1218537C

Service Parts

RCC*A2E Remote Cooling Units



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.

Heating & Air Conditioning
Amana
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RP6112002
Revision 0
September 2002

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.
1810 Wilson Parkway
Fayetteville, TN 37334
877-254-4729-Telephone
931-438-2922-Facsimile

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

International Division
Goodman Company, L.P.
1810 Wilson Parkway
Fayetteville, TN 37334
931-438-3632-Telephone
931-438-2922-Facsimile

Index

Functional Parts List	4 - 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:
B1274701	BOARD-TERM
D6789024	CAPACITOR-DUAL (M3)
D6789031	CAPACITOR-METAL (M4)
D6789047	CAPACITOR-METAL (M6)
D6789045	CAPACITOR-POLY (M5, M7)
D6789049	CAPACITOR-POLY (M1, M2)
20412602	COMP-CP (M2)
20412601	COMP-CP (M1)
11012507	COMP-CP ZR26K3-PFV (M3)
11012510	COMP-CP ZR30K3-PFV SYS (M4)
11012502	COMP-CP ZR40K3 (M5)
11012504	COMP-CP ZR42K3-PFV (M7)
10289208	COMP-CP ZR57K3-PFV (M6)
11183810	COND ASSY-PPNT (M2)
20414201	COND ASSY-PPNT (M4)
11142003	COND ASSY-PPNT (M5, M7)
10625106	COND ASSY-PPNT (M1)
20414101	COND ASSY-PPNT (M3)
11138403	COND ASSY-PPNT (M6)
C6453406	CUTOUT-HIGH PRESS
C6453306	CUTOUT-LOW PRESS
11046706	DISC-THERMOSTAT (M1, M2, M3, M4)
10641502	DRIER-FILTER (M7)
10641501	DRIER-FILTER (M1, M2, M3, M4, M5, M6)
10625721	FAN-CONDENSER (M3)
10625707	FAN-CONDENSER (M6)
10625705	FAN-CONDENSER (M4)
10625703	FAN-CONDENSER (M1, M2)
10625704	FAN-CONDENSER (M5, M7)
10686509	HARNESS-COMPRESSOR (M5, M7)
10651515	HARNESS-COMPRESSOR (M1)
11192901	HARNESS-WIRING (M2, M3, M4)
11169001	HARNESS-WIRING (M6)
10584308	MOTOR-COND (M5, M7)
10584313	MOTOR-COND (M6)
10584307	MOTOR-COND (M1, M2, M3, M4)
20272602	PISTON 0550 BAG ASSY (M1, M2)
20272604	PISTON 0630 BAG ASSY (M3)
20272605	PISTON 0689 BAG ASSY (M4)
20272607	PISTON 0760 BAG ASSY (M5)
20272608	PISTON 0846 BAG ASSY (M7)
B1443812	RESTRICTOR 054 (M1)
B1443824	RESTRICTOR 055 (M2)
B1443811	RESTRICTOR 063 (M3)
B1443808	RESTRICTOR 069 (M4)
B1443817	RESTRICTOR 076 (M5)
B1443805	RESTRICTOR 084 (M7)

Functional Parts

Part

No: Description:

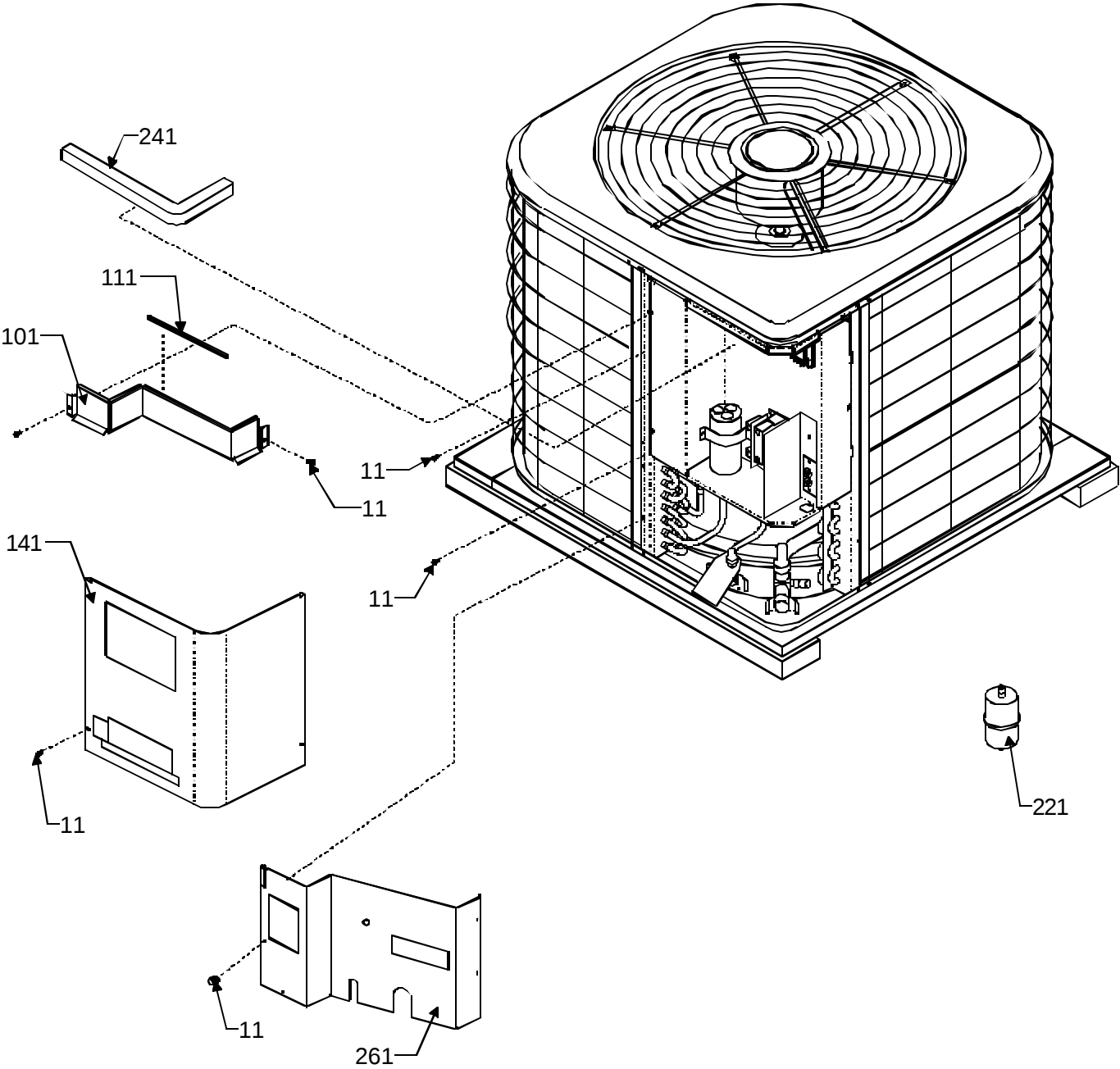
SPECIAL PARTS

10652410	MANUAL-INSTAL
10659202	MANUAL-OWNERS
RP6112002	MANUAL-PARTS
RS6200003	MANUAL-SERVICE
RT6112005	MANUAL-TECHNICAL
20346270	RCC18A2E SPEC SHT (M1)
20346271	RCC24A2E SPEC SHT (M2)
20346272	RCC30A2E SPEC SHT (M3)
20346273	RCC36A2E SPEC SHT (M4)
20346274	RCC42A2E SPEC SHT (M5)
20346280	RCC48A2E SPEC SHT (M7)
20346276	RCC60A2E SPEC SHT (M6)
20315606	WARRANTY 5/10 YR CAC

Expanded Model and Color Nomenclature

M1 - RCC18A2E	P1218531C
M2 - RCC24A2E	P1218532C
M3 - RCC30A2E	P1218533C
M4 - RCC36A2E	P1218534C
M5 - RCC42A2E	P1218535C
M6 - RCC60A2E	P1218537C
M7 - RCC48A2E	P1218541C

Control/Cover



Control/Cover

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

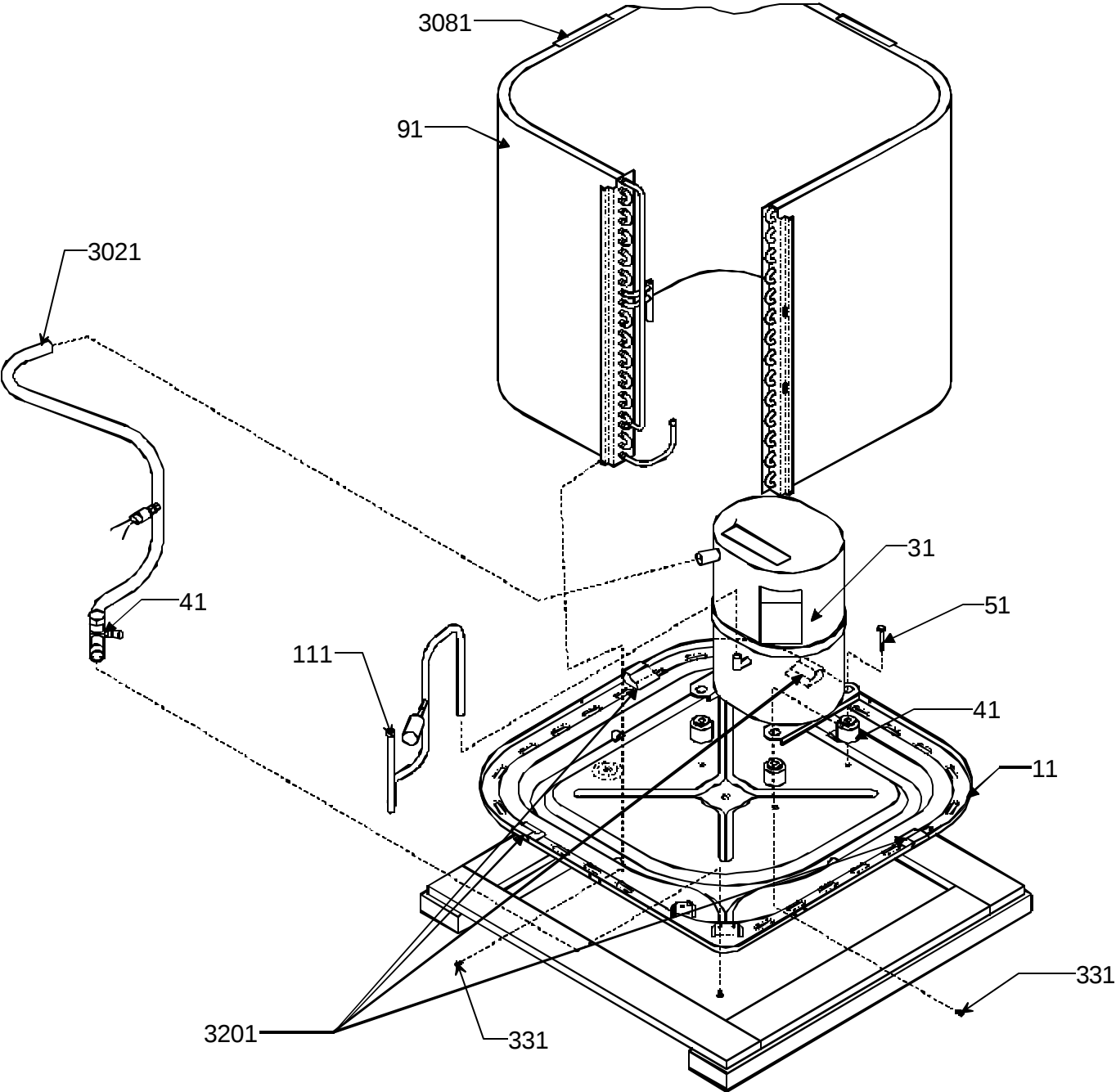
Image 1:

11	M0220816	SCREW-SM (QTY AR)
101	10597407	FILLER-CONTROL (M5, M7)
101	10597409	FILLER-CONTROL (M6)
111	10839810	GASKET-.18X.38 POLYETHYL (M4, M5, M6, M7)
141	10589917	COVER-CONTROL (M1, M2, M3, M4)
141	10589918	COVER-CONTROL (M5)
141	10589919	COVER-CONTROL (M6)
141	10589922	COVER-CONTROL (M6)
141	10589924	COVER-CONTROL (M7)
221	10641501	DRIER-FILTER (M1, M2, M3, M4, M5, M6)
221	10641502	DRIER-FILTER (M7)
241	11182804	GASKET-.5X.625X18 (M1, M2, M3)
261	20280004	PANEL-VALVE (M1, M2, M3, M4)
261	20289707	PANEL-VALVE (M5, M6)
261	20289709	PANEL-VALVE (M7)
NS	B1488806	COMPRESSOR BLANKET (M6)
NS	R1488807	COMPRESSOR BLANKET (M4, M5, M7)
NS	R1488810	COMPRESSOR BLANKET (M1, M2, M3)

Expanded Model and Color Nomenclature

M1 - RCC18A2E	P1218531C
M2 - RCC24A2E	P1218532C
M3 - RCC30A2E	P1218533C
M4 - RCC36A2E	P1218534C
M5 - RCC42A2E	P1218535C
M6 - RCC60A2E	P1218537C
M7 - RCC48A2E	P1218541C

Compressor/Tubing



Compressor/Tubing

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>			
11	10229603		BASEPAN (M1, M2)
11	10229604		BASEPAN (M3)
11	10258303		BASEPAN (M4, M5, M7)
11	10258403		BASEPAN ASSY (M6)
31	20412601		COMP-CP (M1)
31	20412602		COMP-CP (M2)
31	11012507		COMP-CP ZR26K3-PFV (M3)
31	11012510		COMP-CP ZR30K3-PFV SYS (M4)
31	11012502		COMP-CP ZR40K3 (M5)
31	11012504		COMP-CP ZR42K3-PFV (M7)
31	10289208		COMP-CP ZR57K3-PFV (M6)
41	10107301		GROMMET-COMP FOOT (M5, M6, M7)
41	B1315401		GROMMET-COMP FOOT (M1, M2, M3, M4)
41	A4692801		VALVE-CORE
51	M0221641		SCREW-SHOULDER TF (QTY 4)
91	10625106		COND ASSY-PPNT (M1)
91	11138403		COND ASSY-PPNT (M6)
91	11142003		COND ASSY-PPNT (M5, M7)
91	11183810		COND ASSY-PPNT (M2)
91	20414101		COND ASSY-PPNT (M3)
91	20414201		COND ASSY-PPNT (M4)
111	20413603		DISCH WELD (M7)
3021	20317104		SUCT/SWT WELD (M5)
3021	20317105		SUCT/SWT WELD (M6)
3021	20317118		SUCT/SWT WELD (M1)
3021	20317119		SUCT/SWT WELD (M2)
3021	20317120		SUCT/SWT WELD (M3)
3021	20317121		SUCT/SWT WELD (M4)
3021	20317123		SUCT/SWT WELD (M7)
3081	10839819		GASKET-.062X.50
3201	20328901		SUPPORT-COIL (QTY 4)

Expanded Model and Color Nomenclature

M1 - RCC18A2E	P1218531C
M2 - RCC24A2E	P1218532C
M3 - RCC30A2E	P1218533C
M4 - RCC36A2E	P1218534C
M5 - RCC42A2E	P1218535C
M6 - RCC60A2E	P1218537C
M7 - RCC48A2E	P1218541C

Tubing

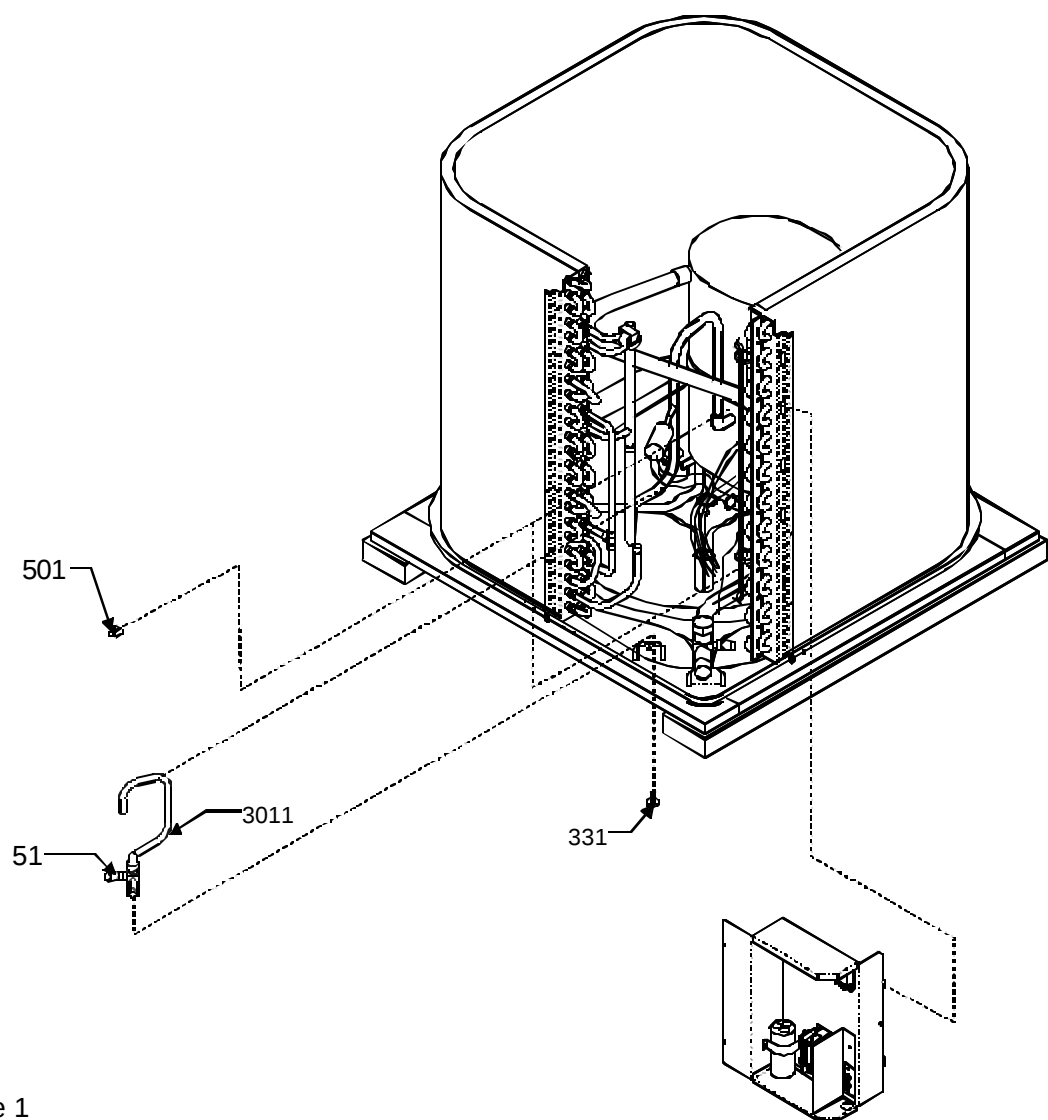
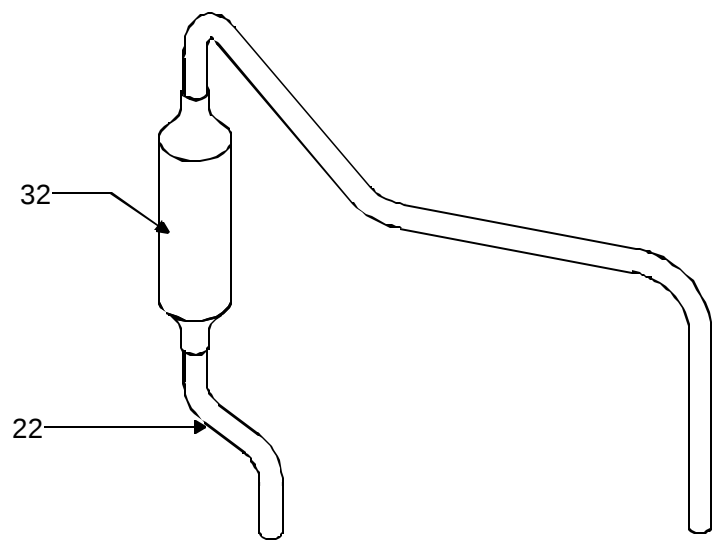


Image 1

Image 2



Tubing

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

21	20316105	TUBE-SUCTION (M7)
31	C6470601	PORT-GAGE
51	C6453406	CUTOUT-HIGH PRESS
51	C6453306	CUTOUT-LOW PRESS
231	M0321202	TIE-ELEC LG (QTY AR)
331	M0220816	SCREW-SM (QTY AR)
501	M0321204	TIE-ELEC SM (QTY 2)

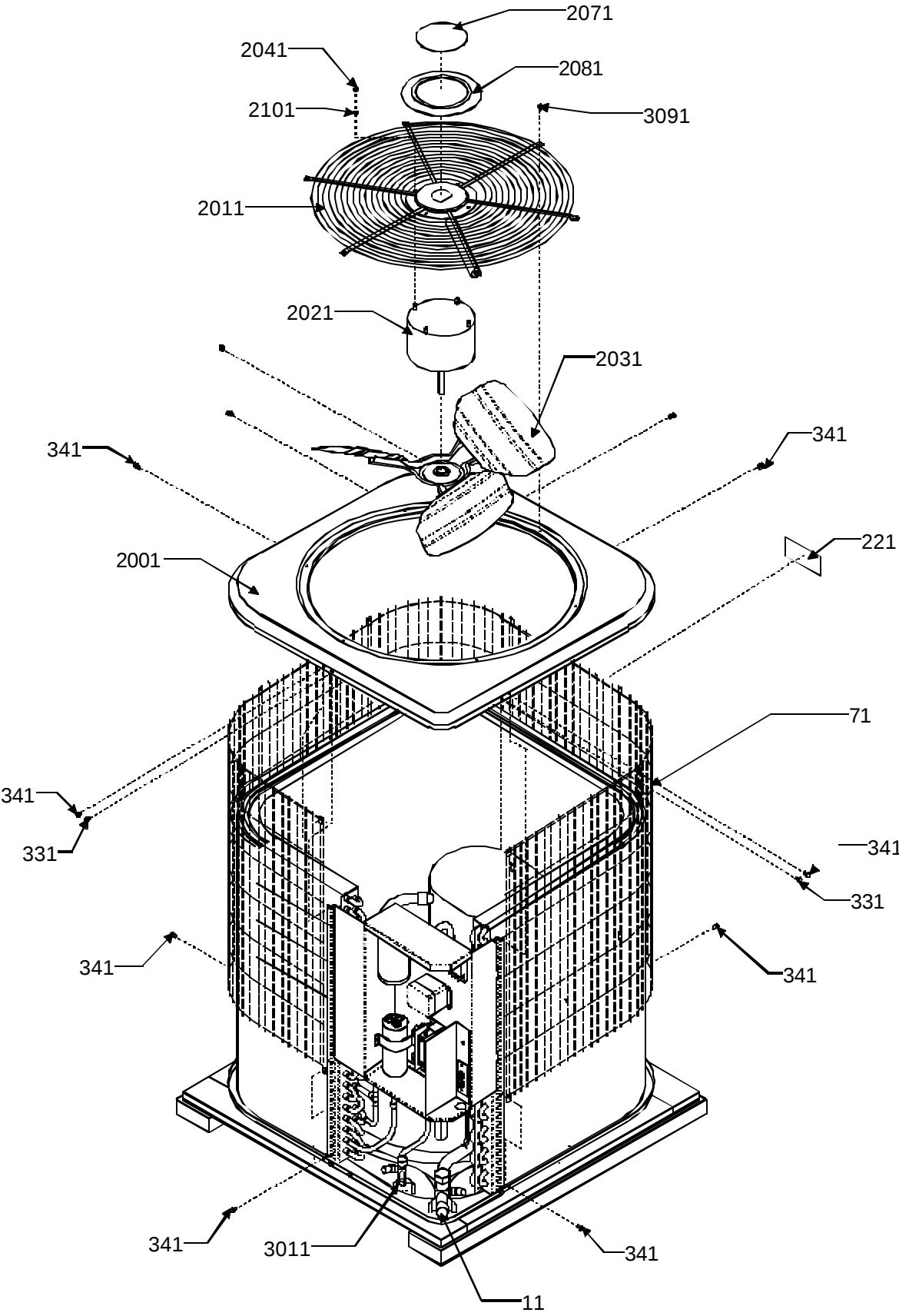
Image 2:

22	20316101	TUBE-SUCTION (M6)
22	20316104	TUBE-SUCTION (M4)
22	20316601	TUBE-SUCTION (M5)
22	20413901	TUBE-SUCTION (M1)
22	20413902	TUBE-SUCTION (M2)
22	20413903	TUBE-SUCTION (M3)

Expanded Model and Color Nomenclature

M1 - RCC18A2E	P1218531C
M2 - RCC24A2E	P1218532C
M3 - RCC30A2E	P1218533C
M4 - RCC36A2E	P1218534C
M5 - RCC42A2E	P1218535C
M6 - RCC60A2E	P1218537C
M7 - RCC48A2E	P1218541C

Cabinet/Top



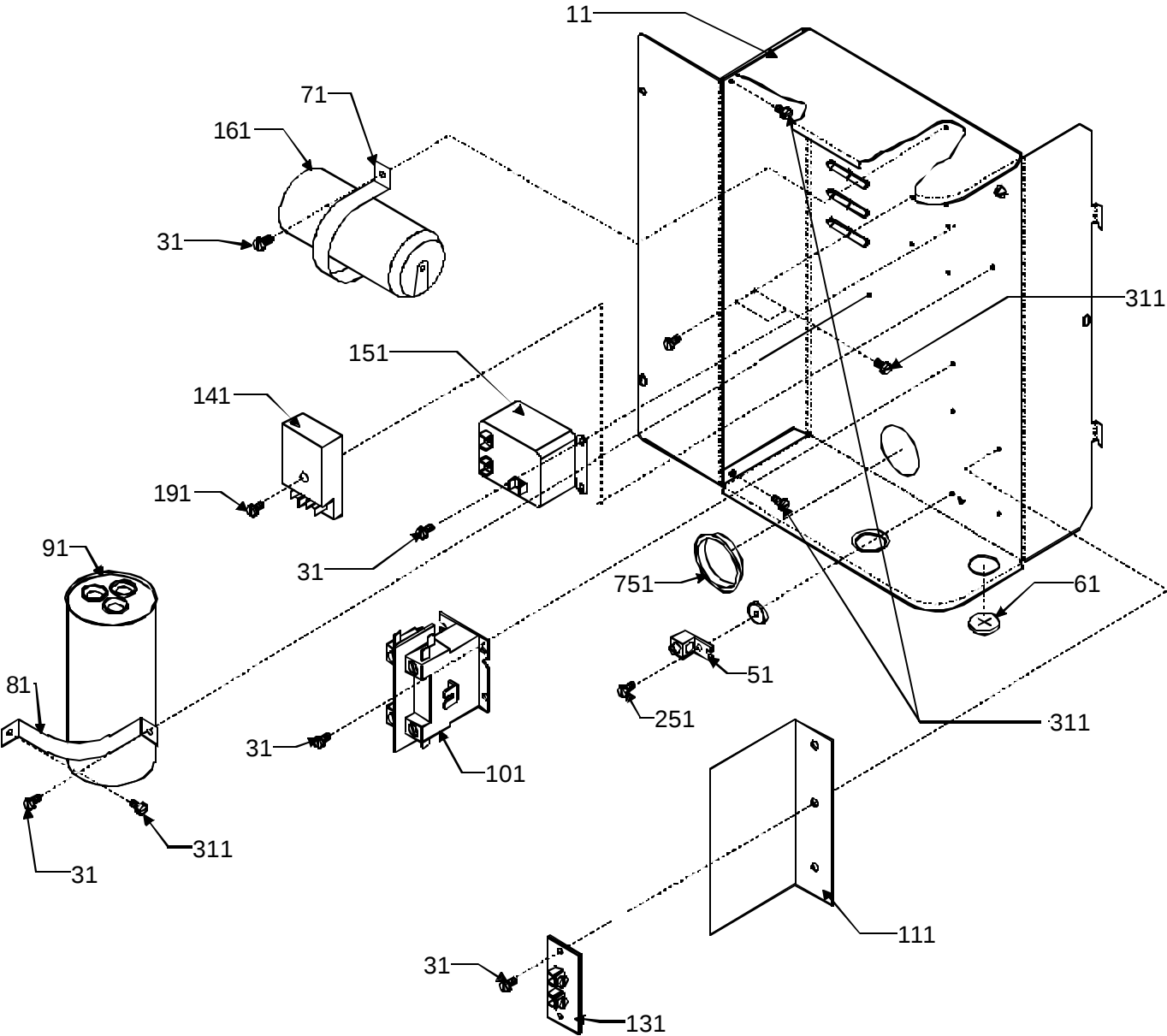
Cabinet/Top

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>			
11	20163801	VALVE-SERVICE	
71	20030514	GRILLE-FORMED (M6)	
71	20030516	GRILLE-FORMED (M5, M7)	
71	20030518	GRILLE-FORMED (M1, M2, M3)	
71	20030519	GRILLE-FORMED (M4)	
71	20163902	VALVE-SERVICE 3/4 (M2, M3)	
71	20163901	VALVE-SERVICE 5/8 (M1)	
71	20163903	VALVE-SERVICE 7/8 (M4, M5, M6, M7)	
221	20187902	NAMEPLATE-SIDE	
341	M0229303	SCREW-SM (QTY 12)	
2001	20027902	COVER-PNT TOP (M4, M5, M7)	
2001	10576305	COVER-TOP (M6)	
2001	10229804	TOP (M3)	
2001	10229803	TOP-PREPNT (M1, M2)	
2011	10589801	GRILLE-FAN (M1, M2, M3)	
2011	10589802	GRILLE-FAN (M4, M5, M7)	
2011	10589804	GRILLE-FAN (M6)	
2021	10584307	MOTOR-COND (M1, M2, M3, M4)	
2021	10584308	MOTOR-COND (M5, M7)	
2021	10584313	MOTOR-COND (M6)	
2031	10625703	FAN-CONDENSER (M1, M2)	
2031	10625704	FAN-CONDENSER (M5, M7)	
2031	10625705	FAN-CONDENSER (M4)	
2031	10625707	FAN-CONDENSER (M6)	
2031	10625721	FAN-CONDENSER (M3)	
2041	M0280801	NUT-HEX (QTY 4)	
2071	20325002	INSERT-LOGO	
2081	10651101	DISK-LOGO	
2101	M0272803	WASHER-LOCK (QTY 4)	
3091	M0229303	SCREW-SM (QTY 6)	

Expanded Model and Color Nomenclature

M1 - RCC18A2E	P1218531C
M2 - RCC24A2E	P1218532C
M3 - RCC30A2E	P1218533C
M4 - RCC36A2E	P1218534C
M5 - RCC42A2E	P1218535C
M6 - RCC60A2E	P1218537C
M7 - RCC48A2E	P1218541C

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 AR)
51	A9015201	LUG-GROUND
61	A4603801	GROMMET
81	C6300502	STRAP-CAPACITOR (M1, M2, M3, M4)
81	C6300507	STRAP-CAPACITOR (M1, M2)
81	C6300508	STRAP-CAPACITOR (M3, M4, M5, M6, M7)
91	D6789024	CAPACITOR-DUAL (M3)
91	D6789031	CAPACITOR-METAL (M4)
91	D6789047	CAPACITOR-METAL (M6)
91	D6789045	CAPACITOR-POLY (M5, M7)
91	D6789049	CAPACITOR-POLY (M1, M2)
101	C6170004	CONTACTOR-25A
111	11156901	BARRIER-LOW VOLT
131	B1274701	BOARD-TERM
191	M0216521	SCREW-SM
251	M0216529	SCREW-SM (QTY AR)
311	M0216515	SCREW-SM (QTY 4)
751	A4554807	BUSHING-SNAP

Expanded Model and Color Nomenclature

M1 - RCC18A2E	P1218531C
M2 - RCC24A2E	P1218532C
M3 - RCC30A2E	P1218533C
M4 - RCC36A2E	P1218534C
M5 - RCC42A2E	P1218535C
M6 - RCC60A2E	P1218537C
M7 - RCC48A2E	P1218541C