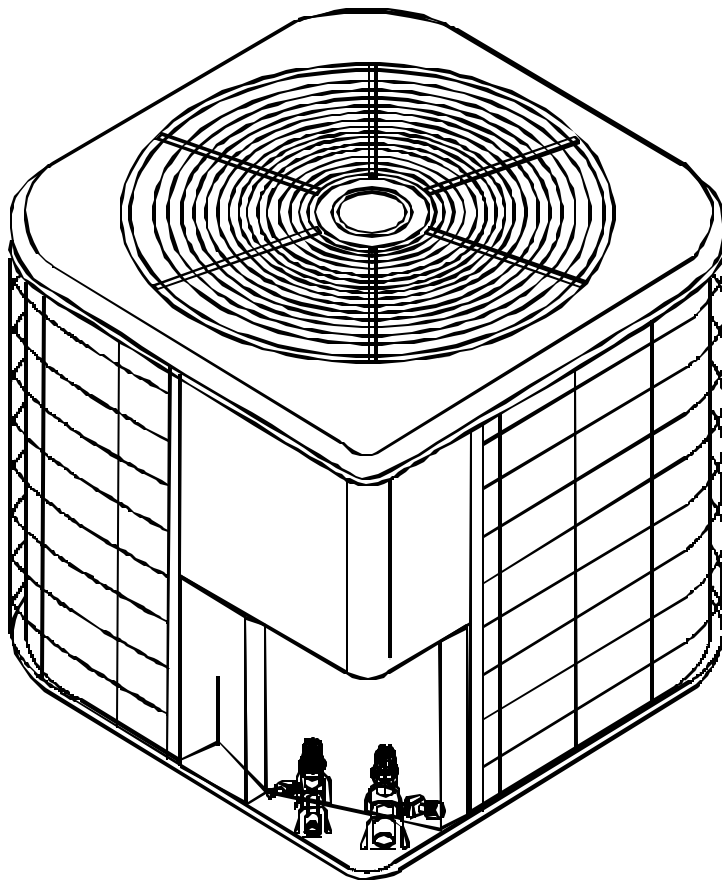


Models and manufacturing
numbers in this manual

RSD24A2A	P1236801C
RSD30A2A	P1236802C
RSD36A2A	P1236803C
RSD42A2A	P1236804C
RSD48A2A	P1236805C
RSD60A2A	P1236806C

Parts

Remote Condensing Unit with R410A Refrigerant



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.



RP6110017
Revision 0
July 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

Index

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:

20254103	BLANKET-SOUND (M6)
20254101	BLANKET-SOUND (M1, M2, M3, M4, M5)
B1274701	BOARD-TERM
D6789024	CAPACITOR-DUAL (M1)
D6789047	CAPACITOR-METAL (M6)
D6789046	CAPACITOR-METAL (M5)
D6789031	CAPACITOR-METAL (M2, M3)
D6789045	CAPACITOR-POLY (M4)
20322701	COMP-CP ZP23K3E-PFV (M1)
20322702	COMP-CP ZP26K3E-PFV (M2)
20322703	COMP-CP ZP32K3E-PFV (M3)
20322704	COMP-CP ZP36K3E-PFV (M4)
20322705	COMP-CP ZP41K3E-PFV (M5)
20322801	COMP-CP ZP54K3E-PFV (M6)
C6170004	CONTACTOR-25A (M1, M2, M3)
C6170002	CONTACTOR-30A (M4, M5)
C6170005	CONTACTOR-40A (M6)
B5134709	DRIER-FILTER (M4, M5, M6)
B5134702	DRIER-FILTER (M1, M2, M3)
10584308	MOTOR-COND (M1, M2, M3)
10584313	MOTOR-COND (M4, M5, M6)

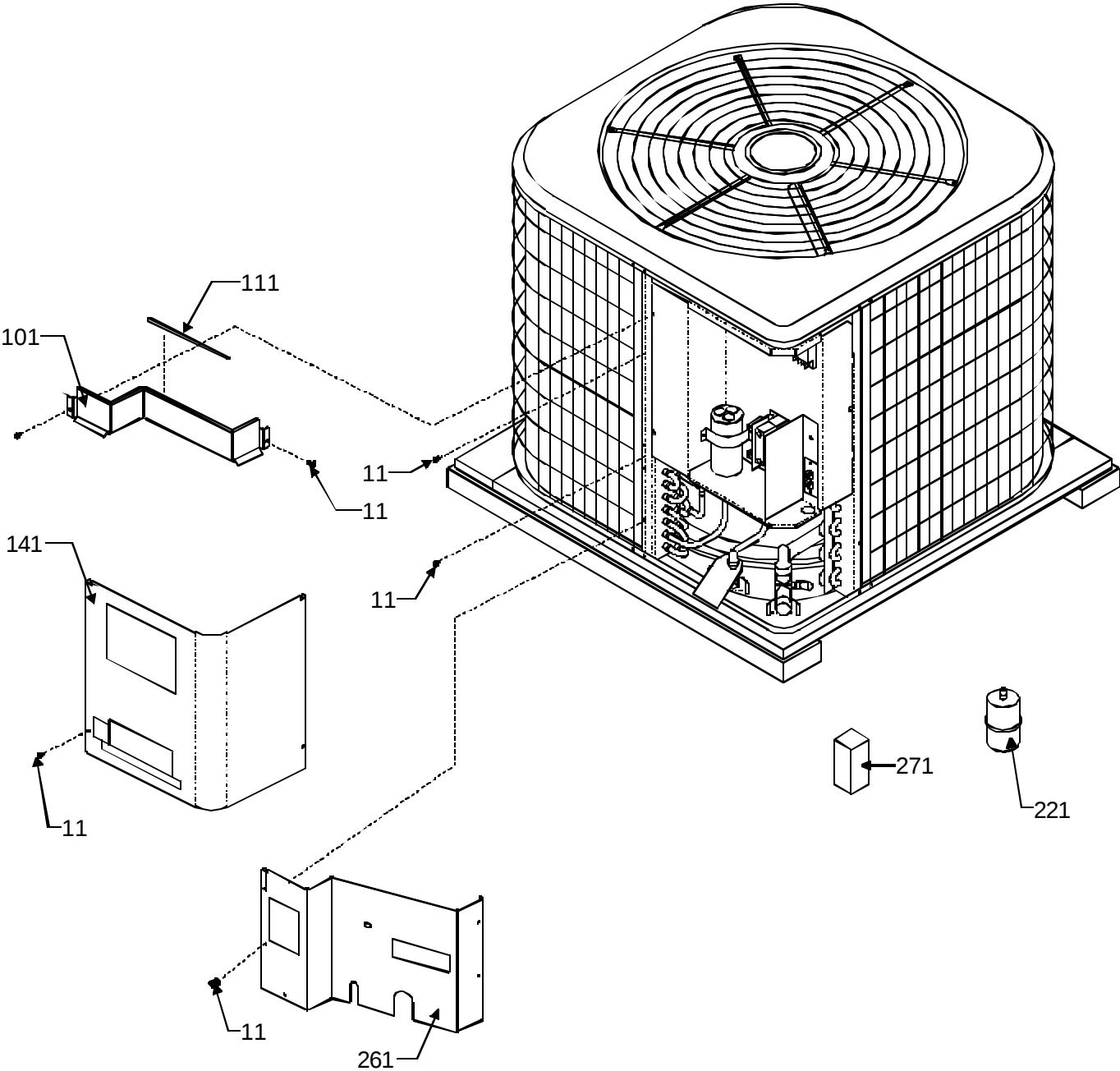
SPECIAL PARTS

10652407	MANUAL-INSTALL
10659204	MANUAL-OWNERS
20187902	NAMEPLATE-SIDE
20323201	RSD24A2A-SPEC SHT (M1)
20323202	RSD30A2A-SPEC SHT (M2)
20323203	RSD36A2A-SPEC SHT (M3)
20323205	RSD48A2A-SPEC SHT (M5)
20323206	RSD60A2A-SPEC SHT (M6)
20315603	WARRANTY-5 YR CAC

Expanded Model and Color Nomenclature

M1 - RSD24A2A	P1236801C
M2 - RSD30A2A	P1236802C
M3 - RSD36A2A	P1236803C
M4 - RSD42A2A	P1236804C
M5 - RSD48A2A	P1236805C
M6 - RSD60A2A	P1236806C

Control Cover



Control Cover

Ref. Part

No: No: Description:

Ref. Part

No: No: Description:

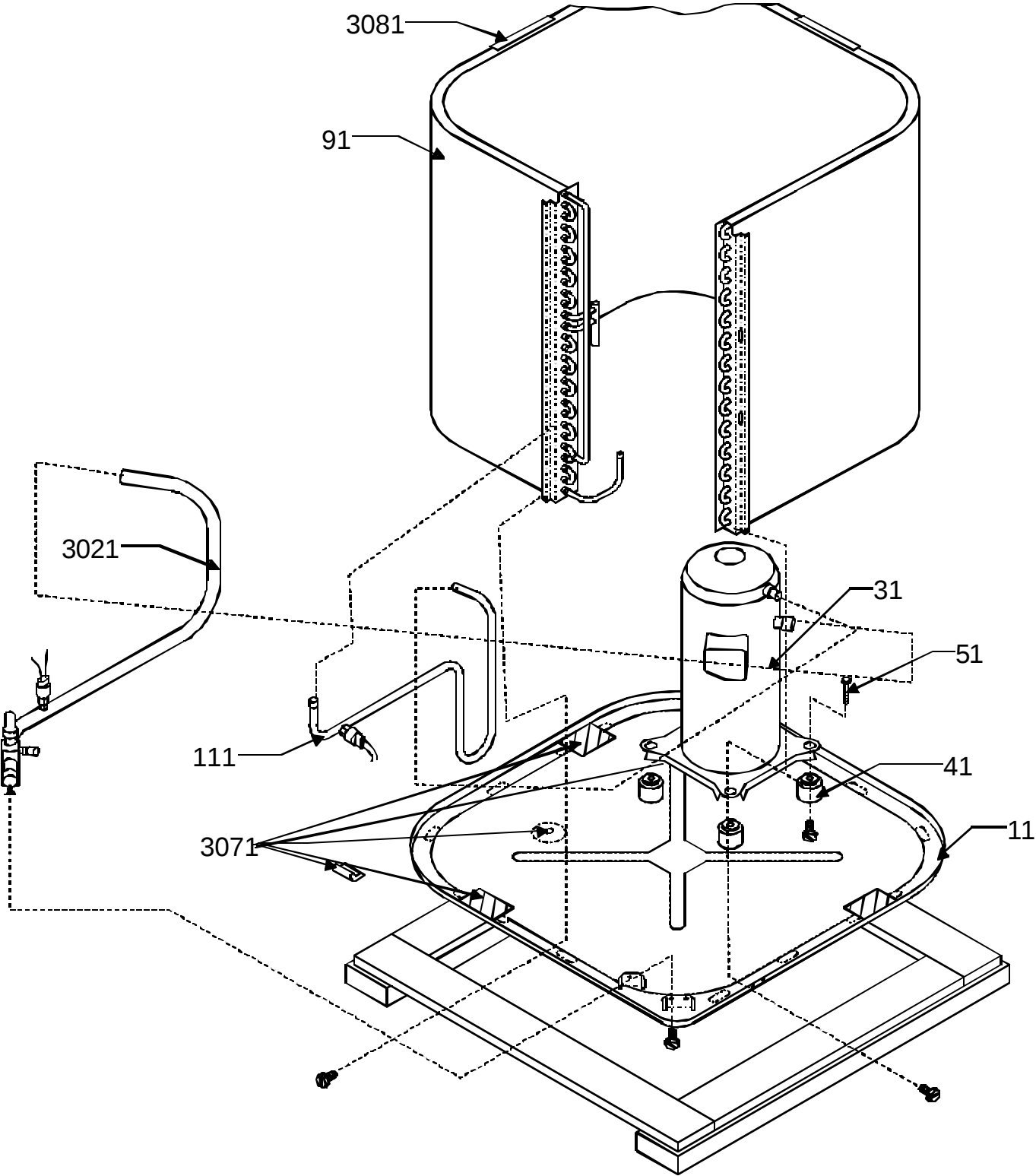
Image 1:

101	10597407	FILLER-CONTROL (M3, M4, M6)
101	10597408	FILLER-CONTROL (M1, M2)
101	10597409	FILLER-CONTROL (M5)
11	M0220816	SCREW-SM (QTY AR)
111	10839810	GASKET-.18X.38 (QTY AR)
141	10589917	COVER-CONT (M1, M2)
141	10589918	COVER-CONT (M3, M4, M6)
141	10589919	COVER-CONT (M5)
221	B5134702	DRIER-FILTER (M1, M2, M3)
221	B5134709	DRIER-FILTER (M4, M5, M6)
261	20289707	PANEL-VALVE
271	20324101	SIGHT GLASS

Expanded Model and Color Nomenclature

M1 - RSD24A2A	P1236801C
M2 - RSD30A2A	P1236802C
M3 - RSD36A2A	P1236803C
M4 - RSD42A2A	P1236804C
M5 - RSD48A2A	P1236805C
M6 - RSD60A2A	P1236806C

Compressor\Tubing



Compressor\Tubing

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>			
11 10258303	BASEPAN (M1, M2, M3)		
11 10258403	BASEPAN (M4, M5, M6)		
111 20340501	DISCH WELD (M1, M2)		
111 20340601	DISCH WELD (M3)		
111 20340602	DISCH WELD (M4)		
111 20340603	DISCH WELD (M5)		
111 20340604	DISCH WELD (M6)		
3021 20340701	SUCT/SWT WELD (M1, M2)		
3021 20340702	SUCT/SWT WELD (M3)		
3021 20340703	SUCT/SWT WELD (M4, M5)		
3021 20340704	SUCT/SWT WELD (M6)		
3071 20328901	SUPPORT-COIL (QTY 4)		
3081 10839819	GASKET-.062X.50 (QTY AR)		
31 20322701	COMP-CP ZP23K3E-PFV (M1)		
31 20322702	COMP-CP ZP26K3E-PFV (M2)		
31 20322703	COMP-CP ZP32K3E-PFV (M3)		
31 20322704	COMP-CP ZP36K3E-PFV (M4)		
31 20322705	COMP-CP ZP41K3E-PFV (M5)		
31 20322801	COMP-CP ZP54K3E-PFV (M6)		
41 10107301	GROMMET-COMP FOOT (QTY 4)		
51 M0221641	SCREW-SHOULDER TF (QTY AR)		
91 11070803	CONDENSING ASSEMBLY (M6)		
91 11137807	CONDENSING ASSEMBLY (M4)		
91 11138403	CONDENSING ASSEMBLY (M5)		
91 11142003	CONDENSING ASSEMBLY (M3)		
91 11163803	CONDENSING ASSEMBLY (M1, M2)		

Expanded Model and Color Nomenclature

M1 - RSD24A2A	P1236801C
M2 - RSD30A2A	P1236802C
M3 - RSD36A2A	P1236803C
M4 - RSD42A2A	P1236804C
M5 - RSD48A2A	P1236805C
M6 - RSD60A2A	P1236806C

Tubing

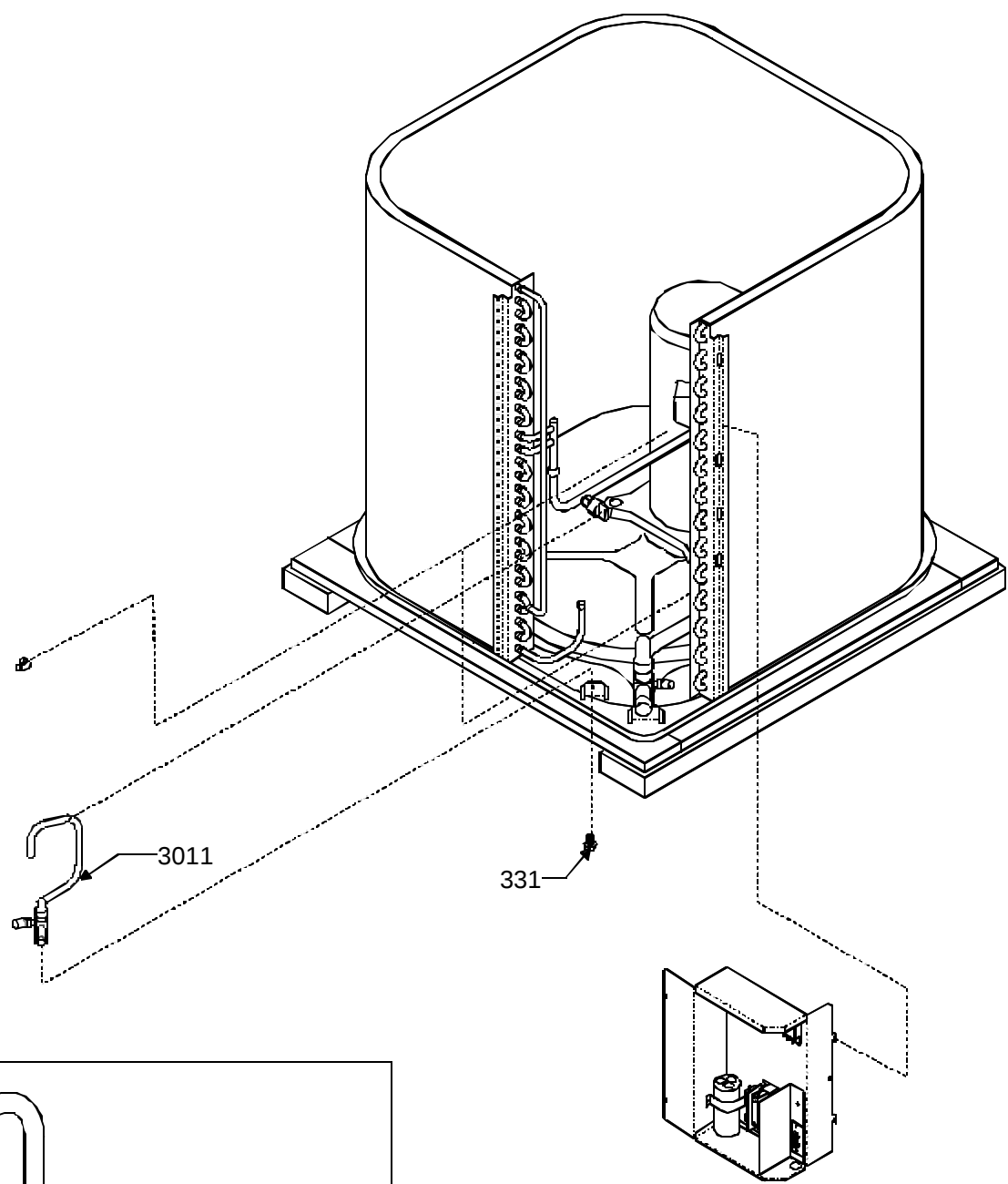


Image 2

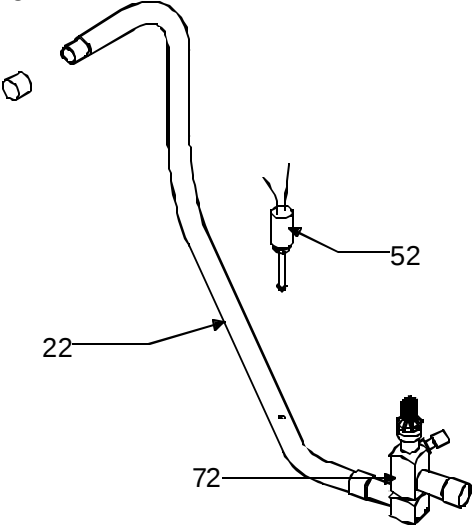
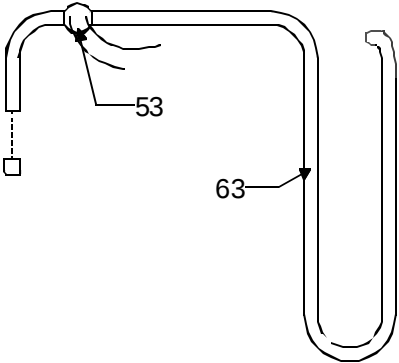


Image 3



Tubing

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

3011	20323801	LIQUID VALVE WELD (M1, M2, M3, M4, M5)
3011	20323901	LIQUID VALVE WELD (M6)
331	M0220816	SCREW-SM (QTY AR)
NS	20254101	BLANKET-SOUND (M1, M2, M3, M4, M5)
NS	20254103	BLANKET-SOUND (M6)
NS	M0321202	TIE-ELEC LG (QTY AR)
NS	M0321204	TIE-ELEC SM (M1, M2, M4, M5, M6)

Image 2:

22	20337803	SUCTION TUBE (M3)
22	20316102	TUBE-SUCTION (M6)
22	20316302	TUBE-SUCTION (M4, M5)
22	20337802	TUBE-SUCTION (M1, M2)
52	20340402	SW-CUTOUT LOW PRESS
72	20322501	VALVE-SWEAT 3/4 (M1, M2, M3)
72	20322502	VALVE-SWEAT 7/8 (M4, M5, M6)

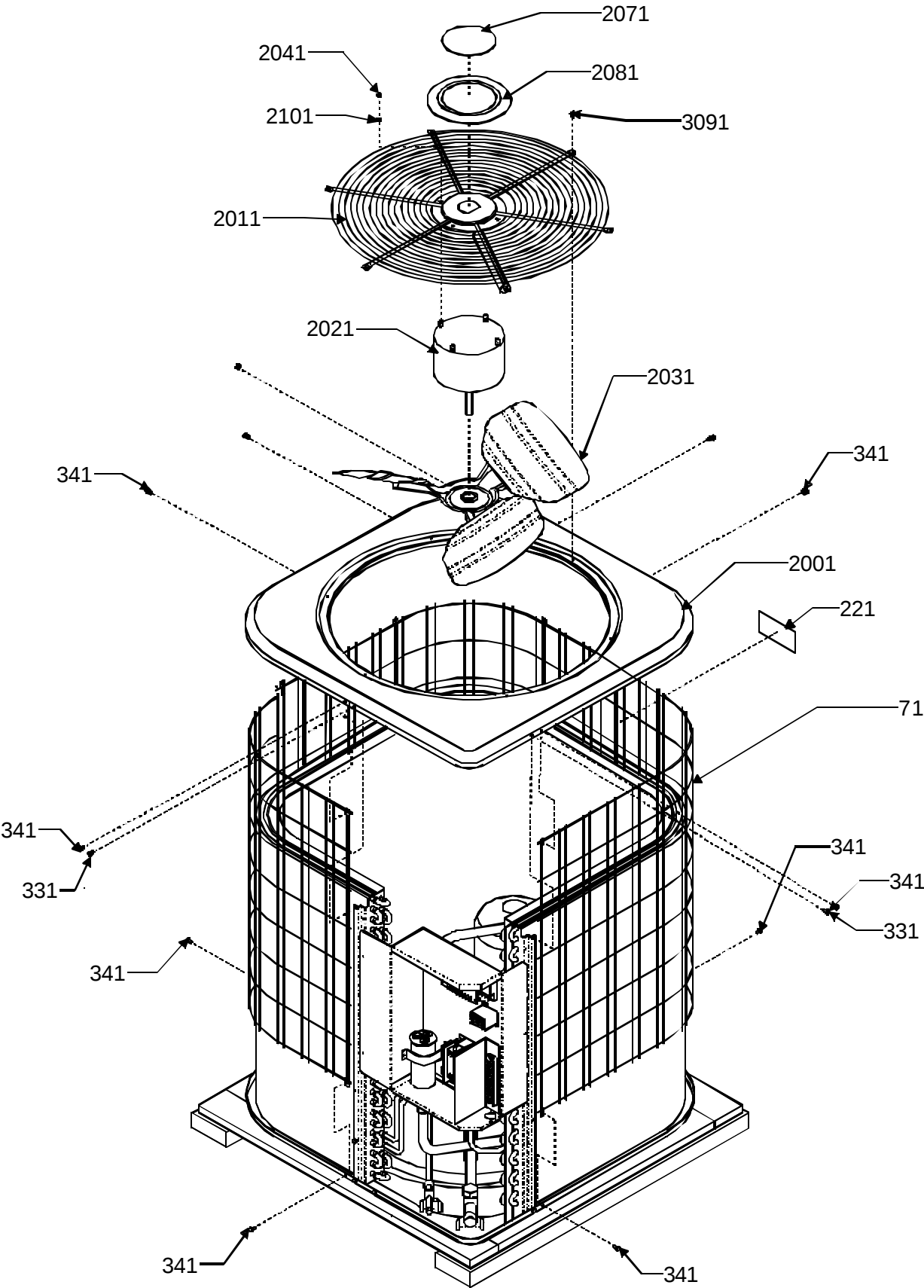
Image 3:

52	20327602	SW-CUTOUT HI PRESS
63	20327702	TUBE-DISCHARGE (M1, M2)
63	20327701	TUBE-DISCHARGE (M3)
63	20327702	TUBE-DISCHARGE (M4)
63	20327703	TUBE-DISCHARGE (M5)
63	20327304	TUBE-DISCHARGE (M6)

Expanded Model and Color Nomenclature

M1 - RSD24A2A	P1236801C
M2 - RSD30A2A	P1236802C
M3 - RSD36A2A	P1236803C
M4 - RSD42A2A	P1236804C
M5 - RSD48A2A	P1236805C
M6 - RSD60A2A	P1236806C

Cabinet/Top



Cabinet/Top

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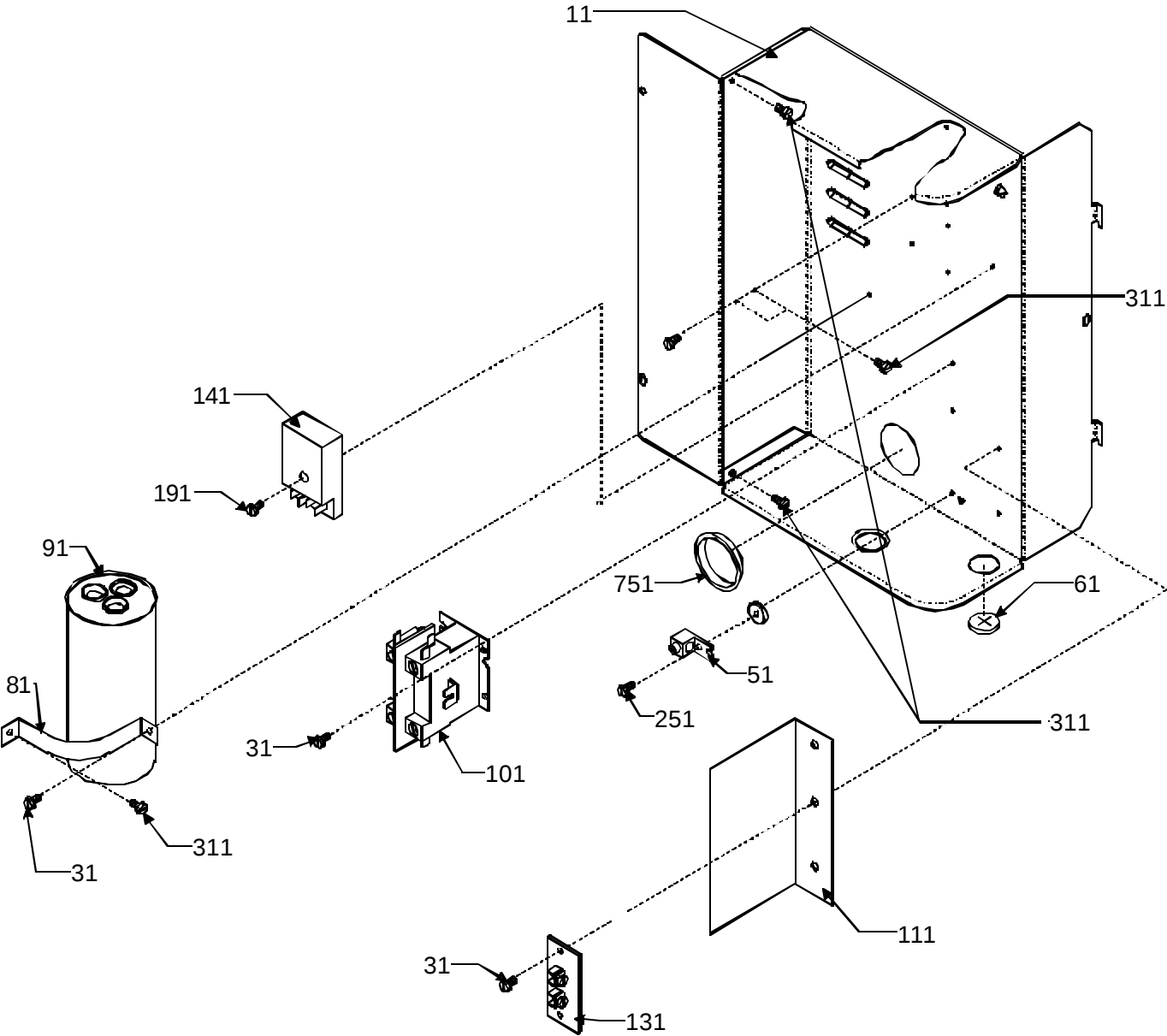
Image 1:

2001	10576103	COVER-TOP (M1, M2, M3)
2001	10576305	COVER-TOP (M4, M5, M6)
2011	10589802	GRILLE-FAN (M1, M2, M3)
2011	10589804	GRILLE-FAN (M4, M5, M6)
2021	10584308	MOTOR-COND (M1, M2, M3)
2021	10584313	MOTOR-COND (M4, M5, M6)
2031	10625704	FAN-CONDENSER (M1, M2, M3)
2031	10625707	FAN-CONDENSER (M4, M5, M6)
2041	M0280801	NUT-HEX (QTY 4)
2071	20325001	INSERT-LOGO
2081	10651101	DISK-LOGO
2101	M0272803	WASHER-LOCK (QTY 4)
221	20187902	NAMEPLATE-SIDE
3091	M0229303	SCREW-SM (QTY AR)
331	M0220816	SCREW-SM (QTY AR)
341	M0229303	SCREW-SM (QTY AR)
71	20030514	GRILLE-FORMED (M5)
71	20030515	GRILLE-FORMED (M4, M6)
71	20030516	GRILLE-FORMED (M3)
71	20030517	GRILLE-FORMED (M1, M2)

Expanded Model and Color Nomenclature

M1 - RSD24A2A	P1236801C
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M3 - RSD36A2A	P1236803C
M4 - RSD42A2A	P1236804C
M5 - RSD48A2A	P1236805C
M6 - RSD60A2A	P1236806C

Control Box



Control Box

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

101	C6170004	CONTACTOR-25A (M1, M2, M3)
101	C6170002	CONTACTOR-30A (M4, M5)
101	C6170005	CONTACTOR-40A (M6)
11	11174704	CONTROL BOX-1PC
111	11156901	BARRIER-LOW VOLT
131	B1274701	BOARD-TERM
141	C6415502	PROTECTOR-CYCLE
191	M0216521	SCREW-SM (QTY AR)
251	M0216529	SCREW-SM (QTY AR)
31	M0216517	SCREW-SM (QTY AR)
311	M0216515	SCREW-SM (QTY AR)
51	A9015203	LUG-GROUND
61	A4603801	GROMMET
751	A4554807	BUSHING-SNAP
81	C6300508	STRAP-CAP CO
91	D6789024	CAPACITOR-DUAL (M1)
91	D6789031	CAPACITOR-METAL (M2, M3)
91	D6789046	CAPACITOR-METAL (M5)
91	D6789047	CAPACITOR-METAL (M6)
91	D6789045	CAPACITOR-POLY (M4)

Expanded Model and Color Nomenclature

M1 - RSD24A2A	P1236801C
M2 - RSD30A2A	P1236802C
M3 - RSD36A2A	P1236803C
M4 - RSD42A2A	P1236804C
M5 - RSD48A2A	P1236805C
M6 - RSD60A2A	P1236806C