

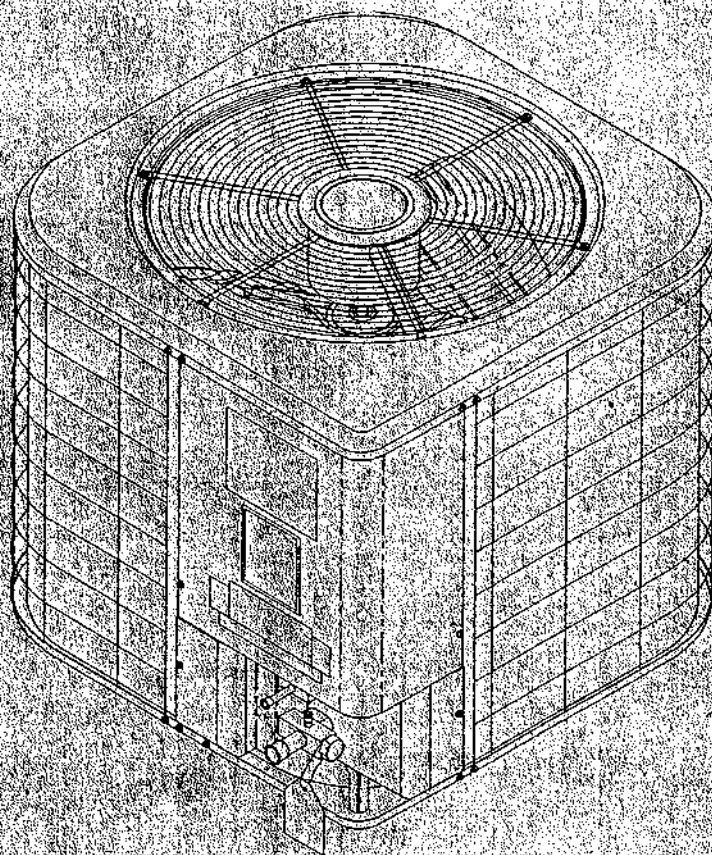
Parts

RCE Series Remote Cooling

Parts Manual for
Amana ®

Models and manufacturing
numbers in this manual

RCE24A2A	P1218701C
RCE30A2B	P1218702C
RCE36A2A	P1218703C
RCE42A2A	P1218704C
RCE48A2A	P1218705C
RCE60A2A	P1218706C



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 done by an unqualified person.

Amana
Anytime Appliance

RP6110012
Revision 0
March 1997

Important Information

Raytheon Appliances 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, Raytheon Appliances also recommends contacting an authorized technician and using authorized factory parts. Locate an authorized technician by calling 800-NATLSVC (800-628-5782).

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

Consumer Affairs Department
Amana, Raytheon Appliances
2800 220th Trail
PO Box 8901
Amana IA 52204-0001
319-622-5511—Telephone
319-622-2977—Facsimile

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

International Division
Amana, Raytheon Appliances
2800 220th Trail
PO Box 8901
Amana IA 52204-0001
USA
319-622-5511—Telephone
319-622-8595—Facsimile

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

Text Codes:

AR - As Required

0000 - Not Shown

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 (M1, M2)
D6789047	CAPACITOR-METAL (M6)
D6789046	CAPACITOR-METAL (M5)
D6789031	CAPACITOR-METAL (M3)
D6789043	CAPACITOR-POLY (M4)
11012508	COMP-CP ZR22K3-PFV (M1)
11012507	COMP-CP ZR26K3-PFV (M2)
11012506	COMP-CP ZR32K3-PFV (M3)
11012505	COMP-CP ZR36K3-PFV (M4)
11012504	COMP-CP ZR42K3-PFV (M5)
10289209	COMP-CP ZR54K3-PFV (M6)
C6170004	CONTACTOR-25A (M1, M2, M3, M4)
C6170002	CONTACTOR-30A (M5)
C6170005	CONTACTOR-40A (M6)
10686508	HARNESS-COMP (M1, M2)
10686509	HARNESS-COMP (M3, M4, M5)
11169001	HARNESS-WIRING (M6)
C6415502	PROTECTOR-CYCLE

SPECIAL PARTS

10652402	MANUAL-INSTAL
10659201	MANUAL-OWNERS
11070102	RCE24A2A SPEC SHT (M1)
11070157	RCE30A2B-SPEC SHT (M2)
11070104	RCE36A2A-SPEC SHT (M3)
11070105	RCE42A2A-SPEC SHT (M4)
11070106	RCE48A2A-SPEC SHT (M5)
11070107	RCE60A2A-SPEC SHT (M6)
M0321202	TIE-ELEC (QTY AR)

Expanded Model and Color Nomenclature

M1 - RCE24A2A	P1218701C
M2 - RCE30A2B	P1218702C
M3 - RCE36A2A	P1218703C
M4 - RCE42A2A	P1218704C
M5 - RCE48A2A	P1218705C
M6 - RCE60A2A	P1218706C

Control Cover/Compressor/Tubing

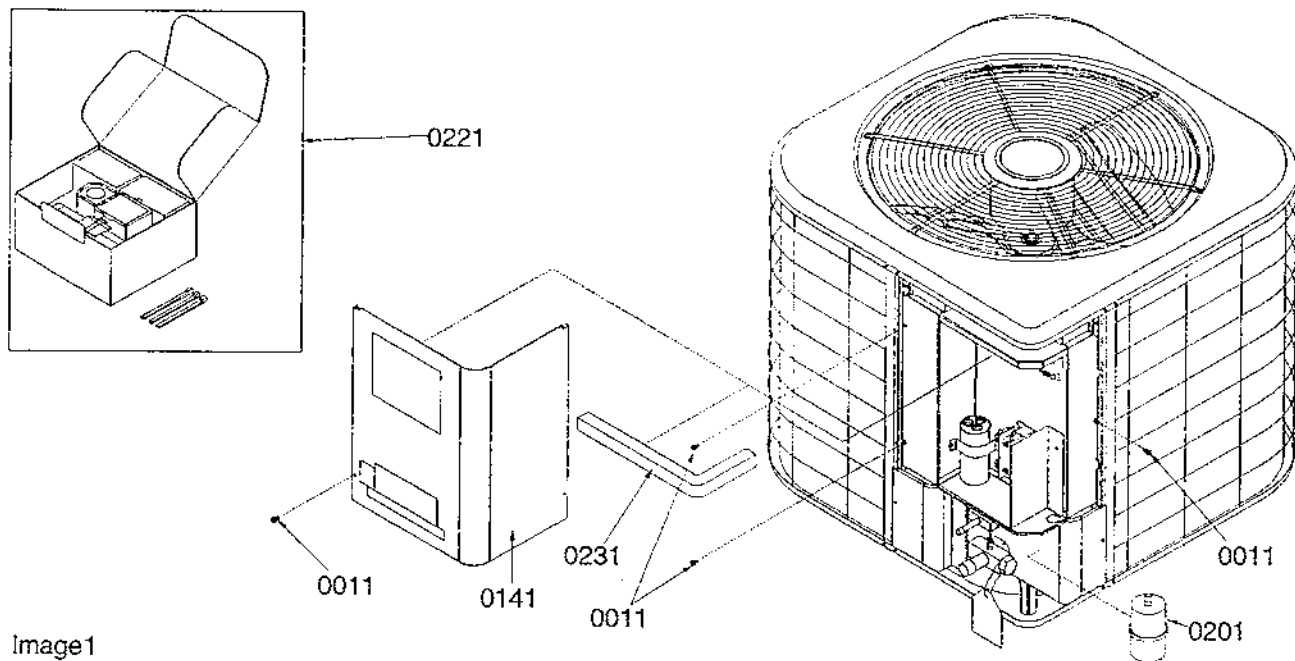


Image1

Image2

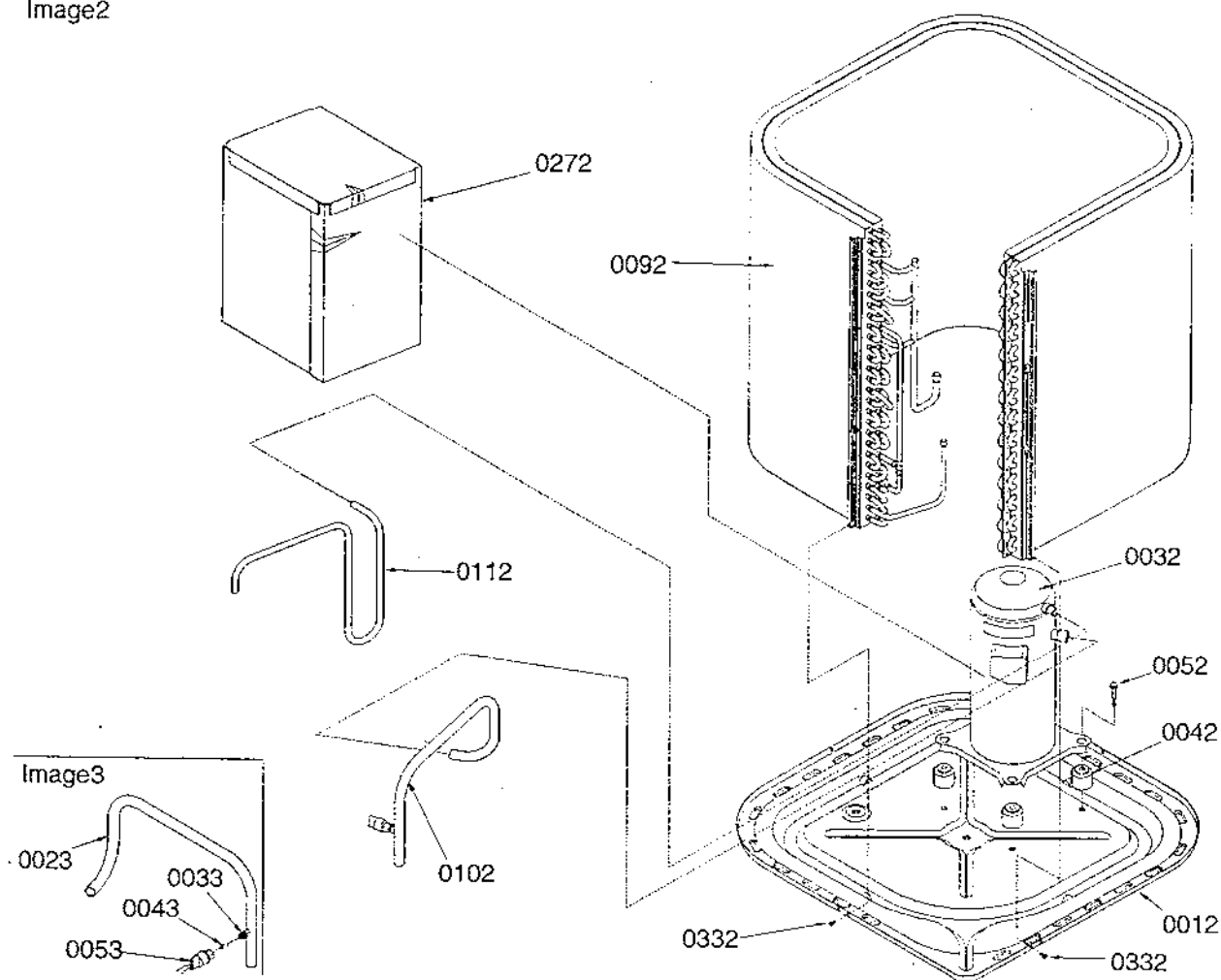


Image3

Control Cover/Compressor/Tubing

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1

0011	M0220816	SCREW-SM (QTY AR)
0141	10589912	CONT COVER-PNT (M3, M4, M5)
0141	10589914	CONT COVER-PNT (M6)
0141	10589915	CONT COVER-PNT (M1, M2)
0201	10641501	DRIER-FILTER (M1, M2)
0201	10641502	DRIER-FILTER (M3, M4, M5, M6)
0221	1206901	KIT-LSK01A (M2)
0231	11182802	GASKET-FOAM

Image 2

0012	10795004	BASEPAN WELD-PNT (M3, M4, M5, M6)
0012	20027802	BASEPAN-PNT (M1, M2)
0032	11012508	COMP-CP ZR22K3-PFV (M1)
0032	11012507	COMP-CP ZR26K3-PFV (M2)
0032	11012506	COMP-CP ZR32K3-PFV (M3)
0032	11012505	COMP-CP ZR36K3-PFV (M4)
0032	11012504	COMP-CP ZR42K3-PFV (M5)
0032	10289209	COMP-CP ZR54K3-PFV (M6)
0042	10107301	GROMMET-COMP FOOT (QTY 4)
0052	M0221641	SCREW-SHOULDER TF (QTY 4)
0092	11066702	COND ASSY-PPNT (M1, M2)
0092	11070802	COND ASSY-PPNT (M3, M4)
0092	11071202	COND ASSY-PPNT (M6)
0092	11072002	COND ASSY-PPNT (M5)
0102	11070005	SUCTION TUBE WELD (M1, M2)
0102	11070008	SUCTION TUBE WELD (M6)
0102	11070009	SUCTION TUBE WELD (M3, M4)
0102	11070010	SUCTION TUBE WELD (M5)
0112	11066902	TUBE-DISCH (M1, M2)
0112	11070401	TUBE-DISCH (M3, M4)
0112	11071502	TUBE-DISCH (M5, M6)
0272	11026401	BLANKET-SOUND (M1, M2)
0272	11026501	BLANKET-SOUND (M3, M4, M5)
0272	11026601	BLANKET-SOUND (M6)
0332	M0220816	SCREW-SM (QTY AR)

Image 3

0023	11069802	TUBE-SUCTION (M1, M2)
0023	11071602	TUBE-SUCTION (M6)
0023	11103801	TUBE-SUCTION (M3, M4)
0023	11103901	TUBE-SUCTION (M5)
0033	A4692701	VALVE-DILL
0043	A4692801	VALVE-CORE
0053	C6453306	CUTOUT-LOW PRESS

Expanded Model and Color Nomenclature

M1 - RCE24A2A	P1218701C
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M5 - RCE48A2A	P1218705C
M6 - RCE60A2A	P1218706C

Tubing

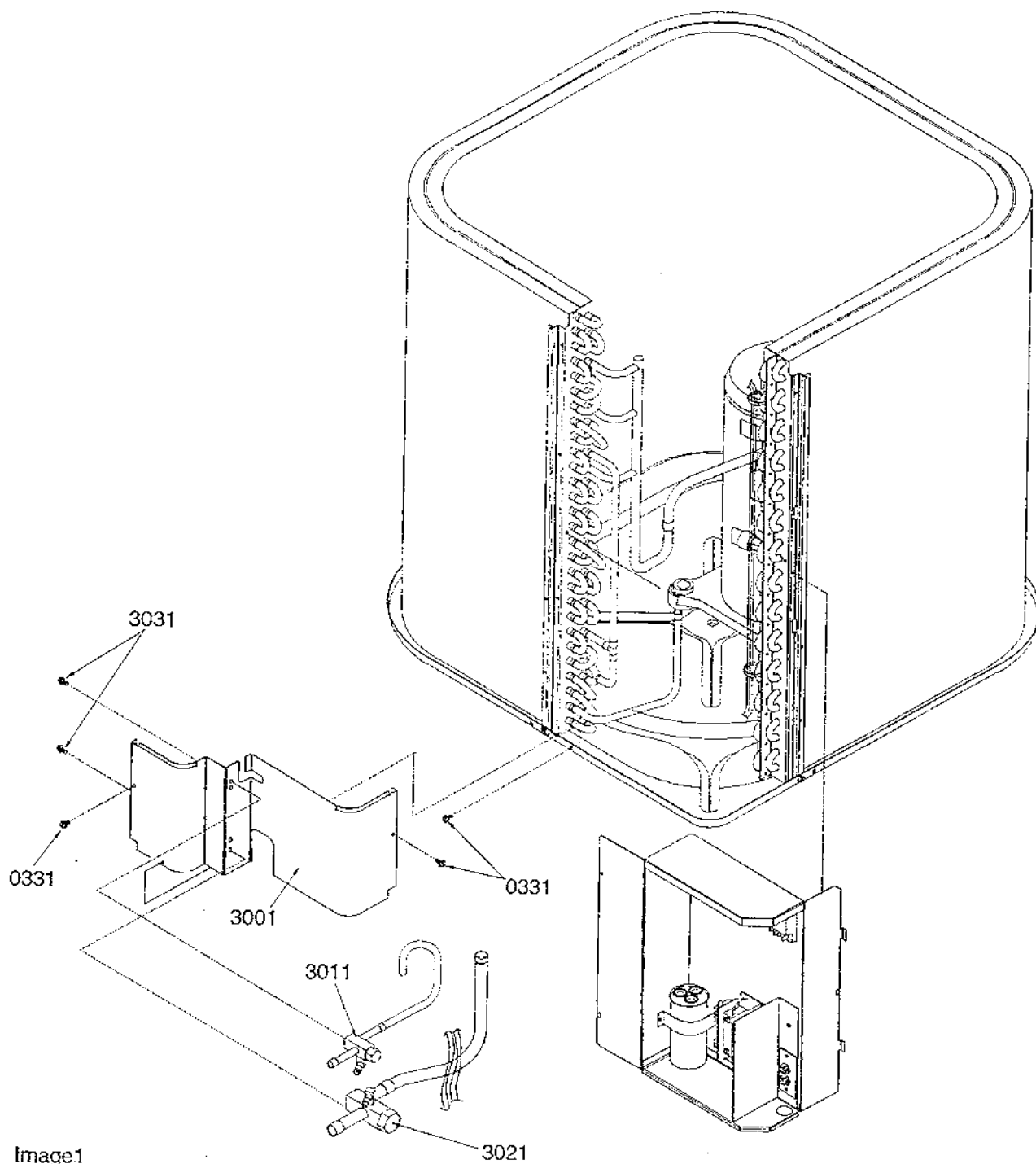


Image1

Image2

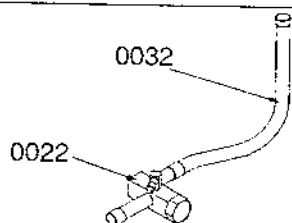
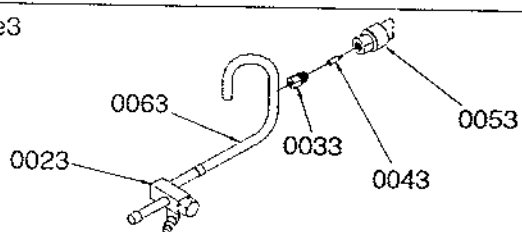


Image3



Tubing

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1

0331	M0220816	SCREW-SM (QTY AR)
3001	10576206	SWT VLV BRKT-PNT
3011	11055821	LIQUID VALVE WELD
3021	11030915	SWEAT VALVE WELD (M1, M2)
3021	11030916	SWEAT VALVE WELD (M3, M4, M5, M6)
3031	M0220816	SCREW-SM (QTY AR)

Image 2

0022	20023003	VALVE-SWEAT (M1, M2)
0022	20023004	VALVE-SWEAT (M3, M4, M5, M6)
0032	10719902	TUBE-SUCTION (M3, M4, M5, M6)
0032	10719802	TUBE-SWT VLV (M1, M2)

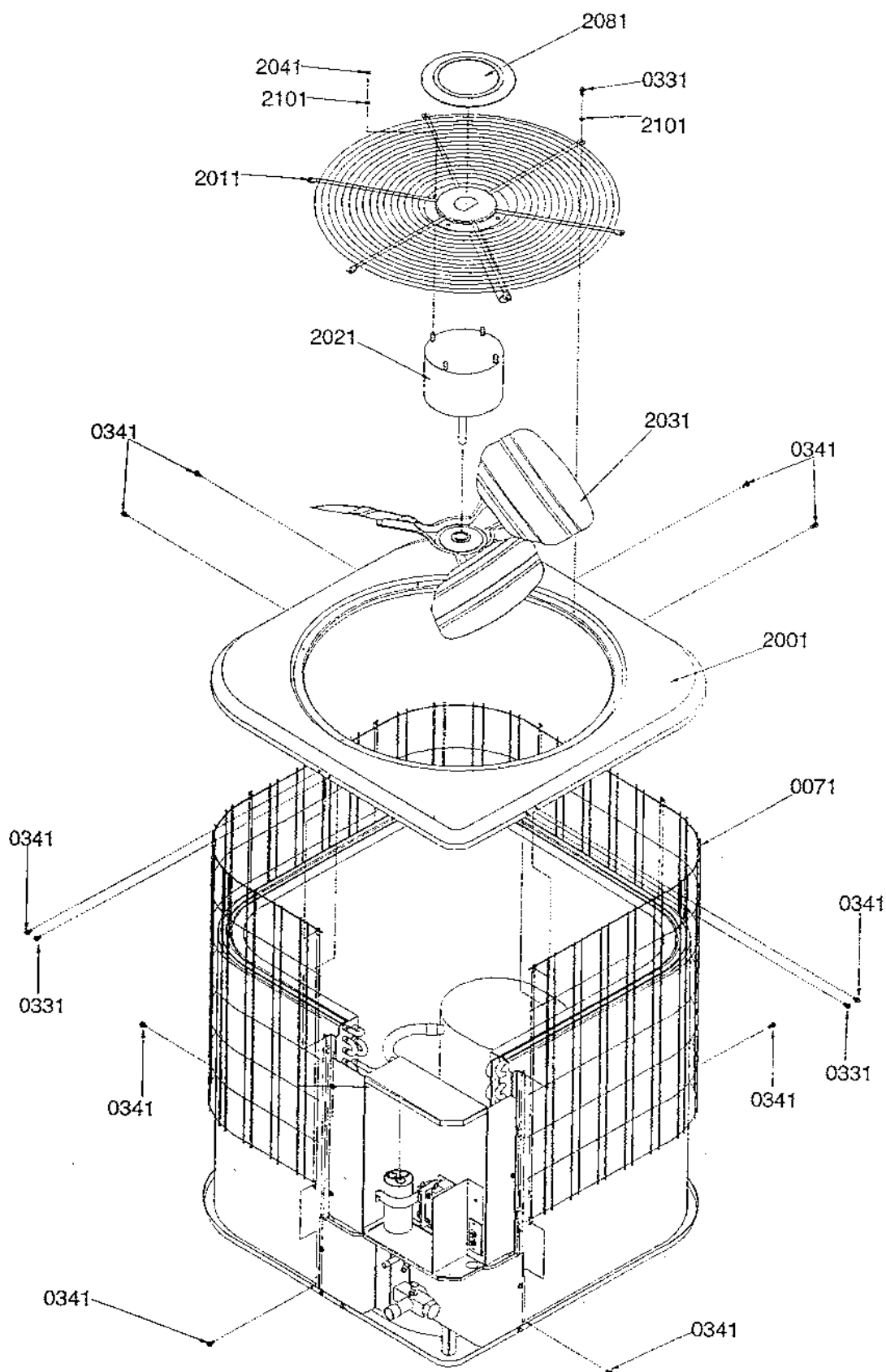
Image 3

0023	20023001	VALVE-SWEAT
0033	A4692701	VALVE-DILL
0043	A4692801	VALVE-CORE
0053	C6453406	CUTOUT-HIGH PRESS
0063	11048705	TUBE-LIQ VLV

Expanded Model and Color Nomenclature

M1 - RCE24A2A	P1218701C
M2 - RCE30A2B	P1218702C
M3 - RCE36A2A	P1218703C
M4 - RCE42A2A	P1218704C
M5 - RCE48A2A	P1218705C
M6 - RCE60A2A	P1218706C

Cabinet/Top



Cabinet/Top

Ref. Part

No: No: Description:

Ref. Part

No: No: Description:

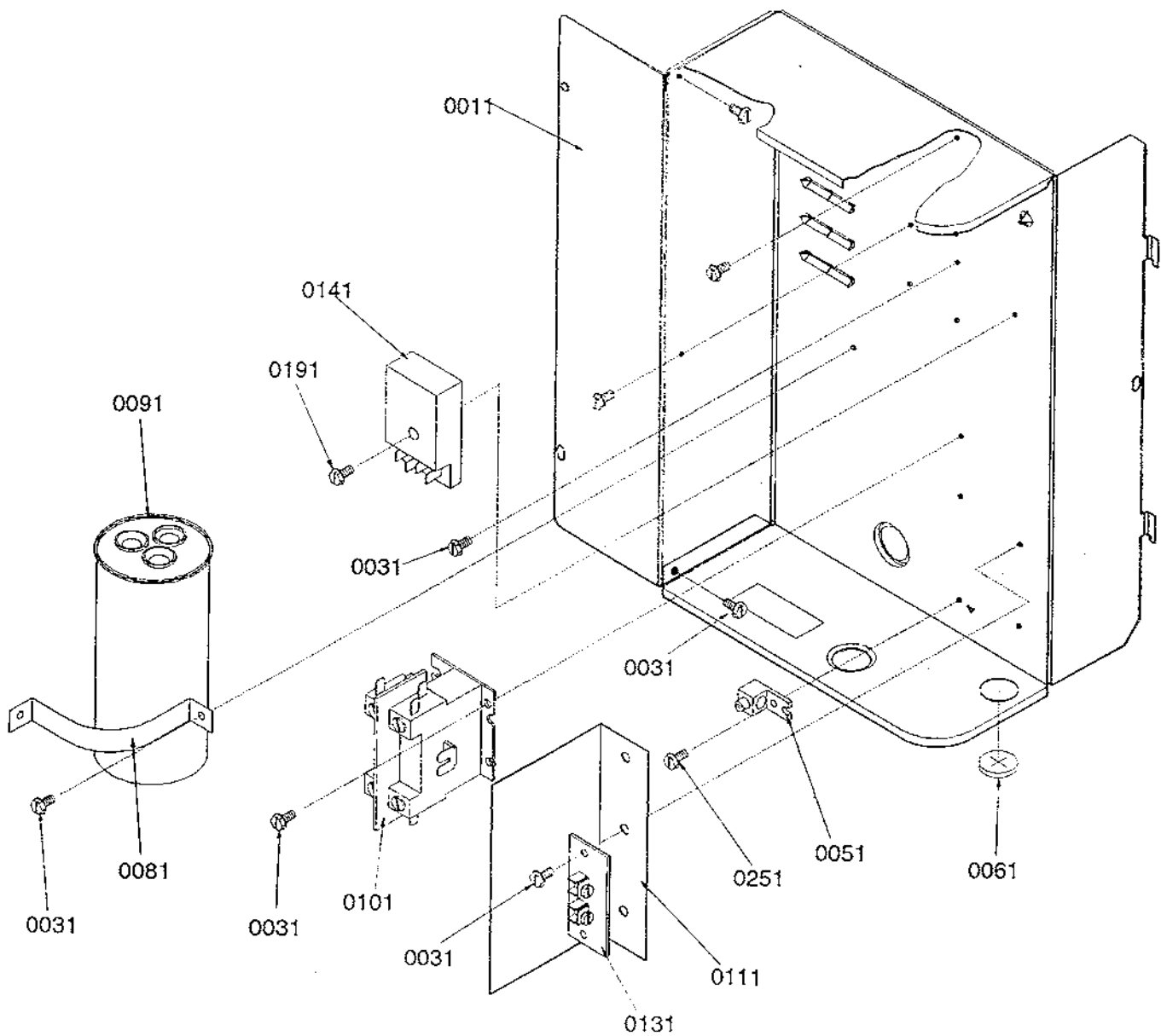
Image 1

0071	20030502	GRILLE-FORMED (M1, M2)
0071	20030507	GRILLE-FORMED (M6)
0071	20030509	GRILLE-FORMED (M3, M4, M5)
0331	M0220816	SCREW-SM (QTY AR)
0341	M0229130	SCREW-SD (QTY 12)
2001	20027902	TOP COVER-PNT (M1, M2)
2001	20028102	TOP COVER-PNT (M3, M4, M5, M6)
2011	10589802	GRILLE-FAN (M1, M2)
2011	10589804	GRILLE-FAN (M3, M4, M5, M6)
2021	10584307	MOTOR-COND (M1, M2)
2021	10584310	MOTOR-COND (M3, M4, M5, M6)
2031	10625705	FAN-CONDENSER (M1, M2)
2031	10625707	FAN-CONDENSER (M3, M4, M5, M6)
2041	M0280801	NUT-HEX (QTY 4)
2081	10651101	DISK-LOGO
2101	M0272803	WASHER-LOCK (QTY 2)

Expanded Model and Color Nomenclature

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M4 - RCE42A2A	P1218704C
M5 - RCE48A2A	P1218705C
M6 - RCE60A2A	P1218706C

Control Box



Control Box

Ref. Part

No: No: Description:

Ref. Part

No: No: Description:

Image 1

0000	A4554807	BUSHING-SNAP
0011	11174704	CONTROL BOX-1 PIECE
0031	M0216517	SCREW-SM (QTY AR)
0051	A9015203	LUG-GROUND
0061	A4603801	GROMMET
0081	C6300508	STRAP-CAPACITOR CO
0091	D6789024	CAPACITOR-DUAL (M1, M2)
0091	D6789031	CAPACITOR-METAL (M3)
0091	D6789046	CAPACITOR-METAL (M5)
0091	D6789047	CAPACITOR-METAL (M6)
0091	D6789043	CAPACITOR-POLY (M4)
0101	C6170004	CONTACTOR-25A (M1, M2, M3, M4)
0101	C6170002	CONTACTOR-30A (M5)
0101	C6170005	CONTACTOR-40A (M6)
0111	11156901	BARRIER-LOW VOLT
0131	B1274701	BOARD-TERM
0141	C6415502	PROTECTOR-CYCLE
0191	M0216521	SCREW-SM (QTY AR)
0251	M0216529	SCREW-SM (QTY AR)

Expanded Model and Color Nomenclature

M1 - RCE24A2A	P1218701C
M2 - RCE30A2B	P1218702C
M3 - RCE36A2A	P1218703C
M4 - RCE42A2A	P1218704C
M5 - RCE48A2A	P1218705C
M6 - RCE60A2A	P1218706C