

Models and manufacturing
numbers in this manual

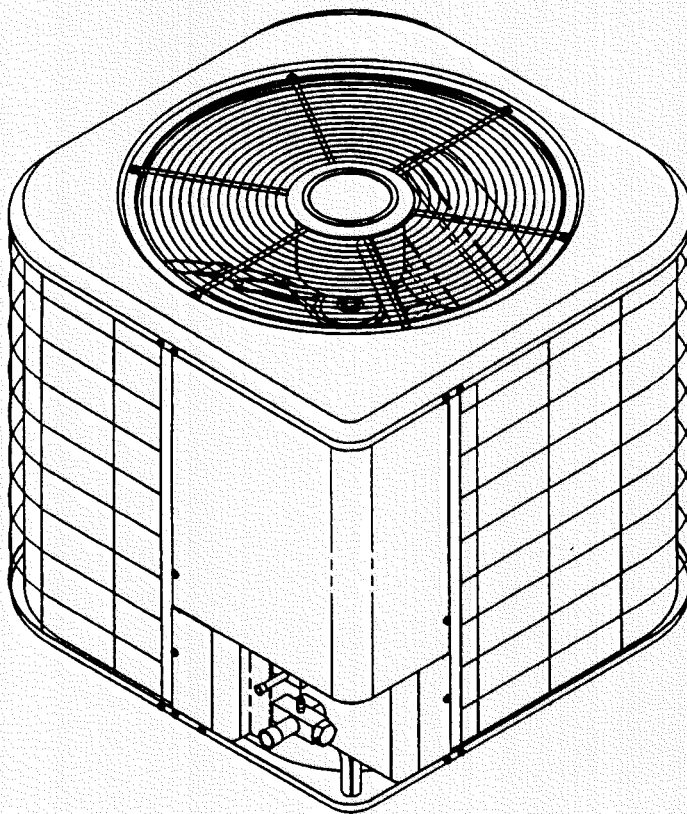
RCE24A2A	P1200002C
RCE30A2A	P1200003C
RCE30A2B	P1200008C
RCE36A2A	P1200004C
RCE42A2A	P1200005C
RCE48A2A	P1200006C
RCE60A2A	P1200007C

Parts

RCE Series Remote Condensing Units

This manual replaces RP6110007 Revision 0.

Parts Manual for
Amana®



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
A Raytheon Company

RP6110007
Revision 1
October 1996

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.

Revision 1; Added model RCE30A2B (P1200008C)

Text Codes:

AR - As Required

99 - 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:

D6789024	CAPACITOR-DUAL (M1, M2, M7)
D6789031	CAPACITOR-METAL (M3)
D6789047	CAPACITOR-METAL (M6)
D6789046	CAPACITOR-METAL (M5)
D6789043	CAPACITOR-POLY (M4)
11012508	COMP-CP ZR22K3-PFV (M1)
11012507	COMP-CP ZR26K3-PFV (M2, M7)
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, M7)
C6170002	CONTACTOR-30A (M5)
C6170005	CONTACTOR-40A (M6)
C6453306	CUTOUT-LOW PRESS
10686509	HARNESS-COMP (M3, M4, M5)
10686508	HARNESS-COMP (M1, M2, M7)
11169001	HARNESS-WIRING (M6)
10584307	MOTOR-COND (M1, M2, M7)
10584310	MOTOR-COND (M3, M4, M5, M6)
C6415502	PROTECTOR-CYCLE
11062301	SOLENOID VLV ASSY (M7)

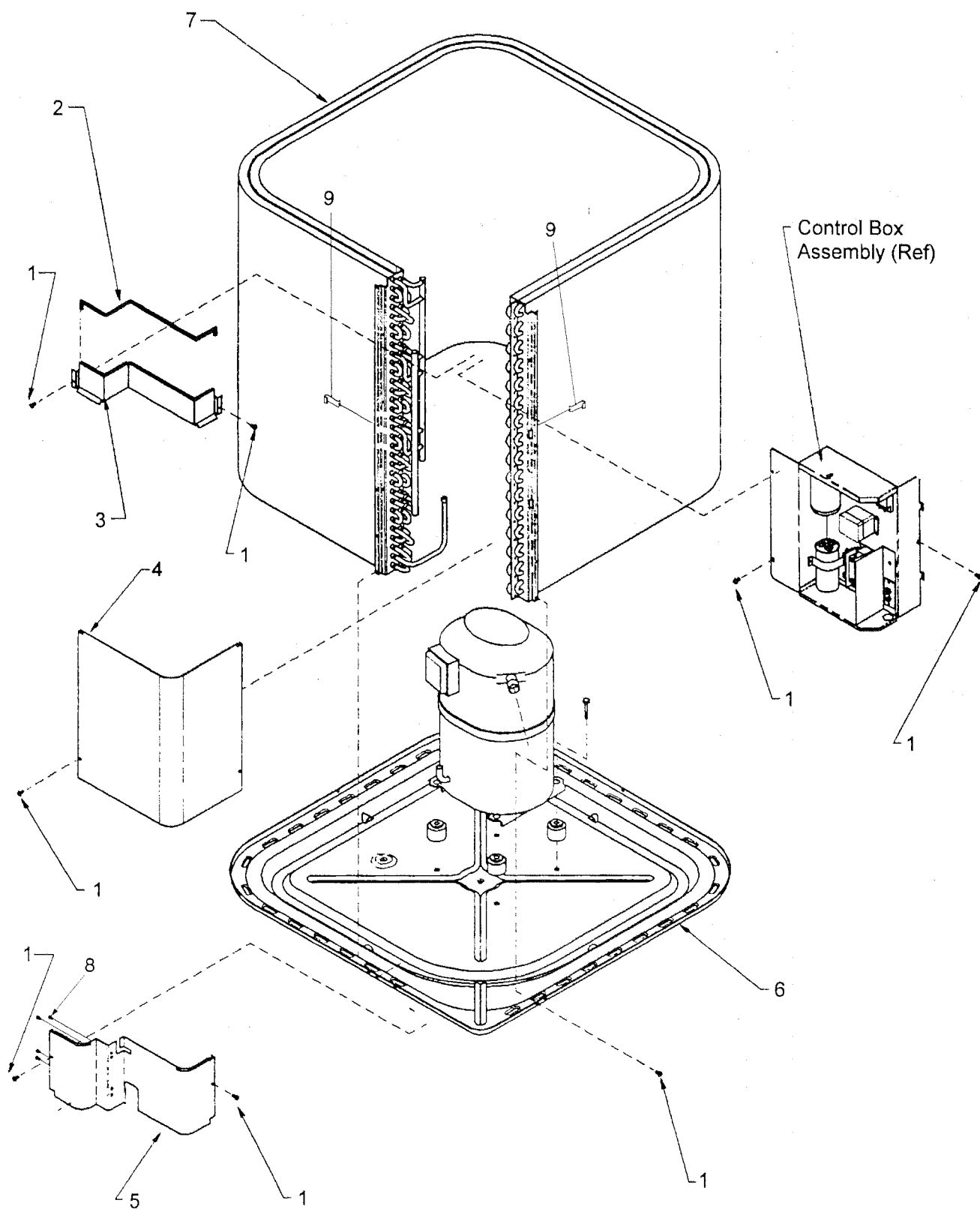
SPECIAL PARTS

11062401	INSTR-INSTALL (M7)
1206901	KIT-LSK01A (M7)
10652402	MANUAL-INSTAL
10659201	MANUAL-OWNERS
RP6110007	MANUAL-PARTS
A4617501	NUT-WIRE (M7)
11070102	RCE24A2A SPEC SHT (M1)
11070103	RCE30A2A-SPEC SHT (M2)
11070157	RCE30A2B-SPEC SHT (M7)
11070104	RCE36A2A-SPEC SHT (M3)
11070105	RCE42A2A-SPEC SHT (M4)
11070106	RCE48A2A-SPEC SHT (M5)
11070107	RCE60A2A-SPEC SHT (M6)

Expanded Model and Color Nomenclature

M1 - RCE24A2A	P1200002C
M2 - RCE30A2A	P1200003C
M3 - RCE36A2A	P1200004C
M4 - RCE42A2A	P1200005C
M5 - RCE48A2A	P1200006C
M6 - RCE60A2A	P1200007C
M7 - RCE30A2B	P1200008C

Cabinet



Cabinet

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

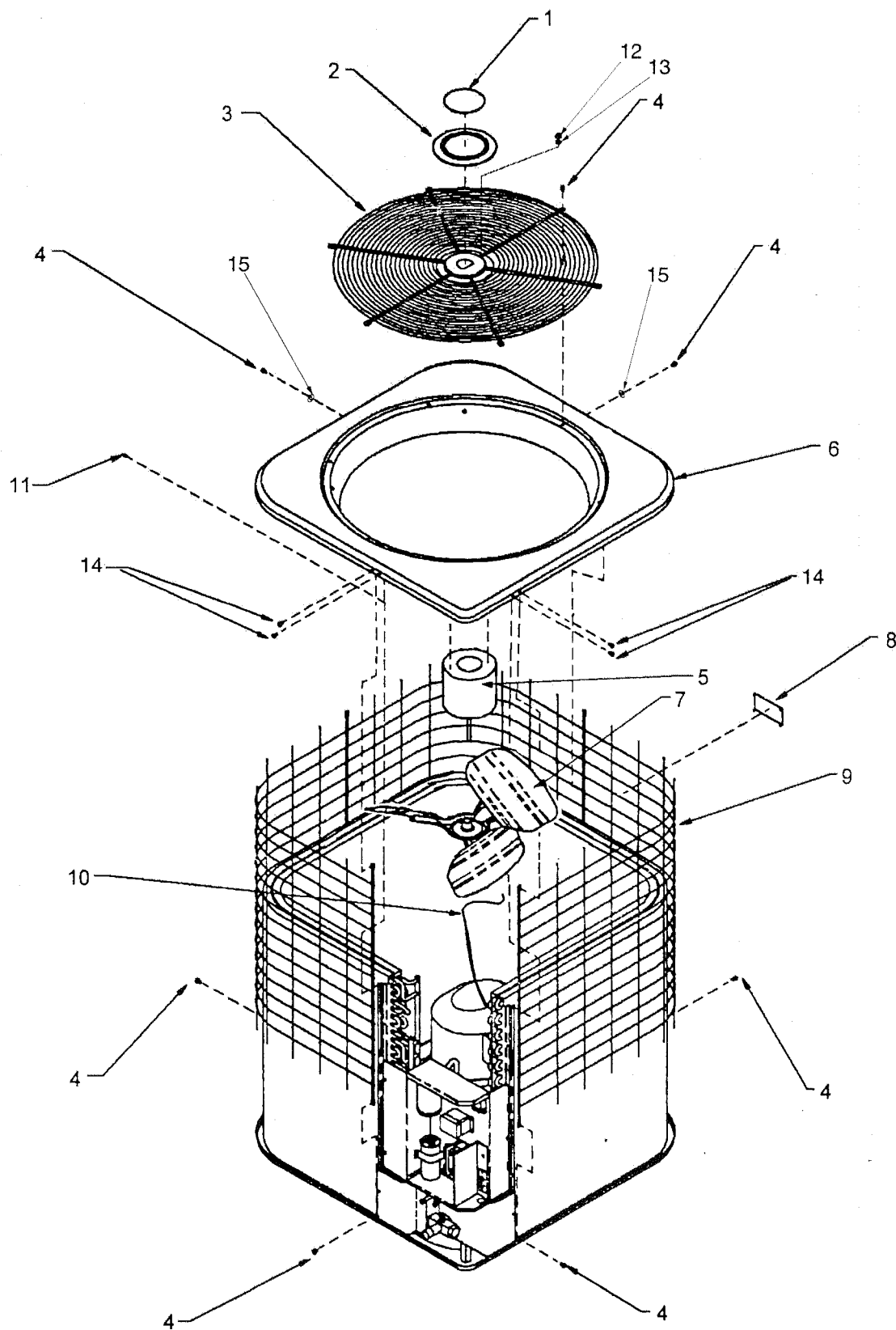
Image 1

- | | | |
|---|----------|-----------------------------------|
| 1 | M0220816 | SCREW-SM (QTY AR) |
| 2 | 10777501 | GASKET (QTY AR) |
| 3 | 10597406 | FILLER-CONTROL (M6) |
| 3 | 10597401 | FILLER-CONTROL (M1, M2, M7) |
| 3 | 10597404 | FILLER-CONTROL (M3, M4, M5) |
| 4 | 10589914 | CONT COVER-PNT (M6) |
| 4 | 10589912 | CONT COVER-PNT (M3, M4, M5) |
| 4 | 10589915 | CONT COVER-PNT (M1, M2, M7) |
| 5 | 10576206 | SWT VLV BRKT-PNT (M1, M2, M7) |
| 6 | 10795002 | BASEPAN WELD-PNT (M3, M4, M5, M6) |
| 6 | 10258302 | BASEPAN-PNT (M1, M2, M7) |
| 7 | 11071201 | COND ASSY-PNT (M6) |
| 7 | 11070801 | COND ASSY-PNT (M3, M4) |
| 7 | 11066701 | COND ASSY-PNT (M1, M2, M7) |
| 7 | 11072001 | COND ASSY-PNT (M5) |
| 8 | M0220816 | SCREW-SM (QTY 4) |
| 9 | 11107802 | CLIP-COIL GRILLE (M3, M4, M5, M6) |

Expanded Model and Color Nomenclature

M1 - RCE24A2A	P1200002C
M2 - RCE30A2A	P1200003C
M3 - RCE36A2A	P1200004C
M4 - RCE42A2A	P1200005C
M5 - RCE48A2A	P1200006C
M6 - RCE60A2A	P1200007C
M7 - RCE30A2B	P1200008C

Cabinet/Top



Cabinet/Top

Ref. Part

No: No: Description:

Ref. Part

No: No: Description:

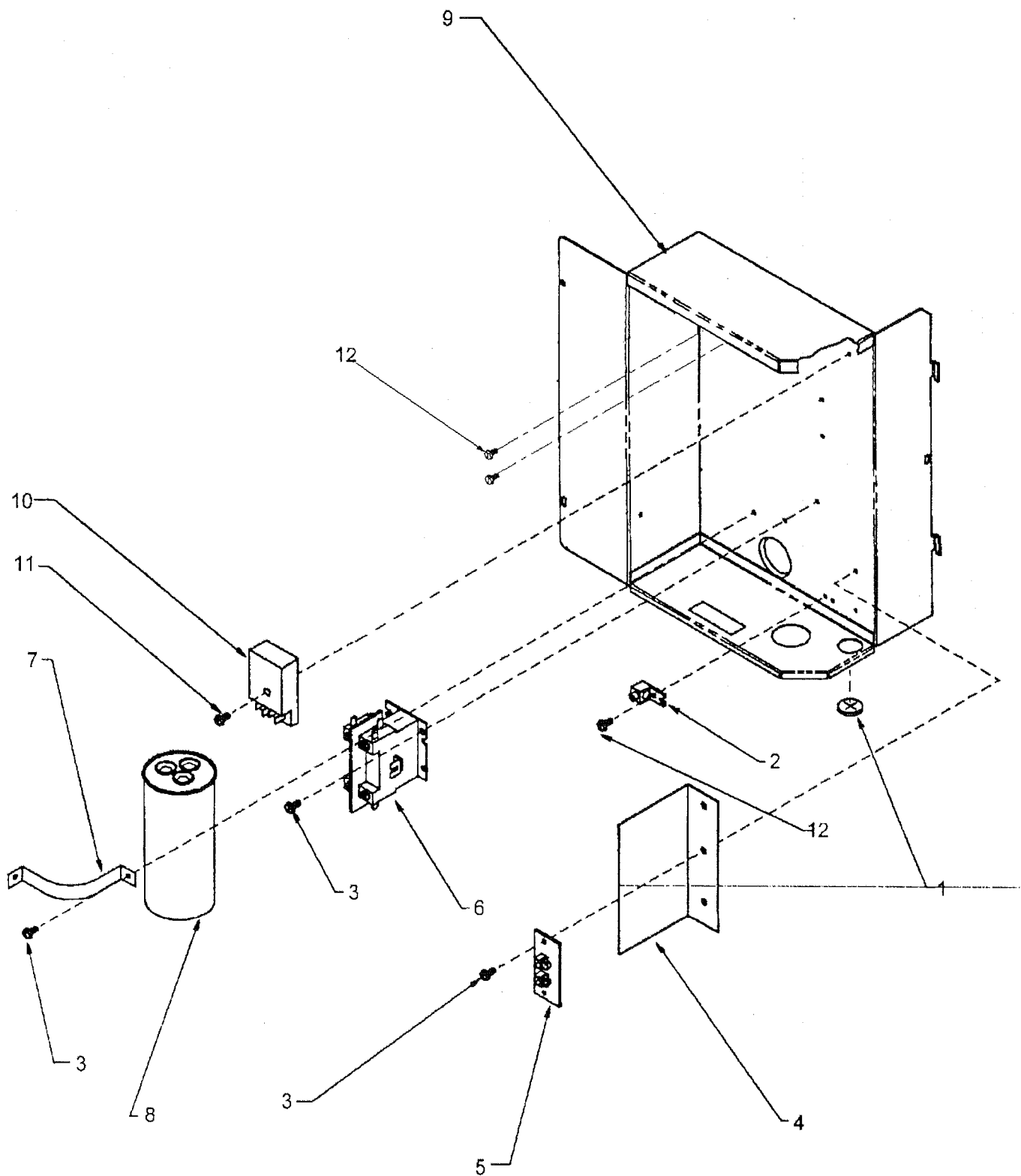
Image 1

- | | | |
|----|----------|--------------------------------|
| 1 | 10651208 | INSERT-LOGO |
| 2 | 10651101 | DISK-LOGO |
| 3 | 10589804 | GRILLE-FAN (M3, M4, M5, M6) |
| 3 | 10589802 | GRILLE-FAN (M1, M2, M7) |
| 4 | M0229130 | SCREW-SD (QTY AR) |
| 5 | 10584307 | MOTOR-COND (M1, M2, M7) |
| 5 | 10584310 | MOTOR-COND (M3, M4, M5, M6) |
| 6 | 10576304 | TOP COVER-PNT (M3, M4, M5, M6) |
| 6 | 10576102 | TOP COVER-PNT (M1, M2, M7) |
| 7 | 10625705 | FAN-CONDENSER (M1, M2, M7) |
| 7 | 10625707 | FAN-CONDENSER (M3, M4, M5, M6) |
| 8 | 10074301 | PLATE-LOGO |
| 9 | 10596711 | GRILLE-FORMED (M1, M2, M7) |
| 9 | 10596712 | GRILLE-FORMED (M3, M4, M5) |
| 9 | 10596713 | GRILLE-FORMED (M6) |
| 10 | M0321202 | TIE-ELEC (QTY 5) |
| 11 | M0216521 | SCREW-SM (QTY AR) |
| 12 | M0280801 | NUT-HEX (QTY 4) |
| 13 | M0272803 | WASHER-LOCK |
| 14 | M0220816 | SCREW-SM (QTY AR) |
| 15 | M0270529 | WASHER-FLAT (QTY 2) |

Expanded Model and Color Nomenclature

M1 - RCE24A2A	P1200002C
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M3 - RCE36A2A	P1200004C
M4 - RCE42A2A	P1200005C
M5 - RCE48A2A	P1200006C
M6 - RCE60A2A	P1200007C
M7 - RCE30A2B	P1200008C

Control Box



Control Box

Ref. Part

No: No: Description:

Ref. Part

No: No: Description:

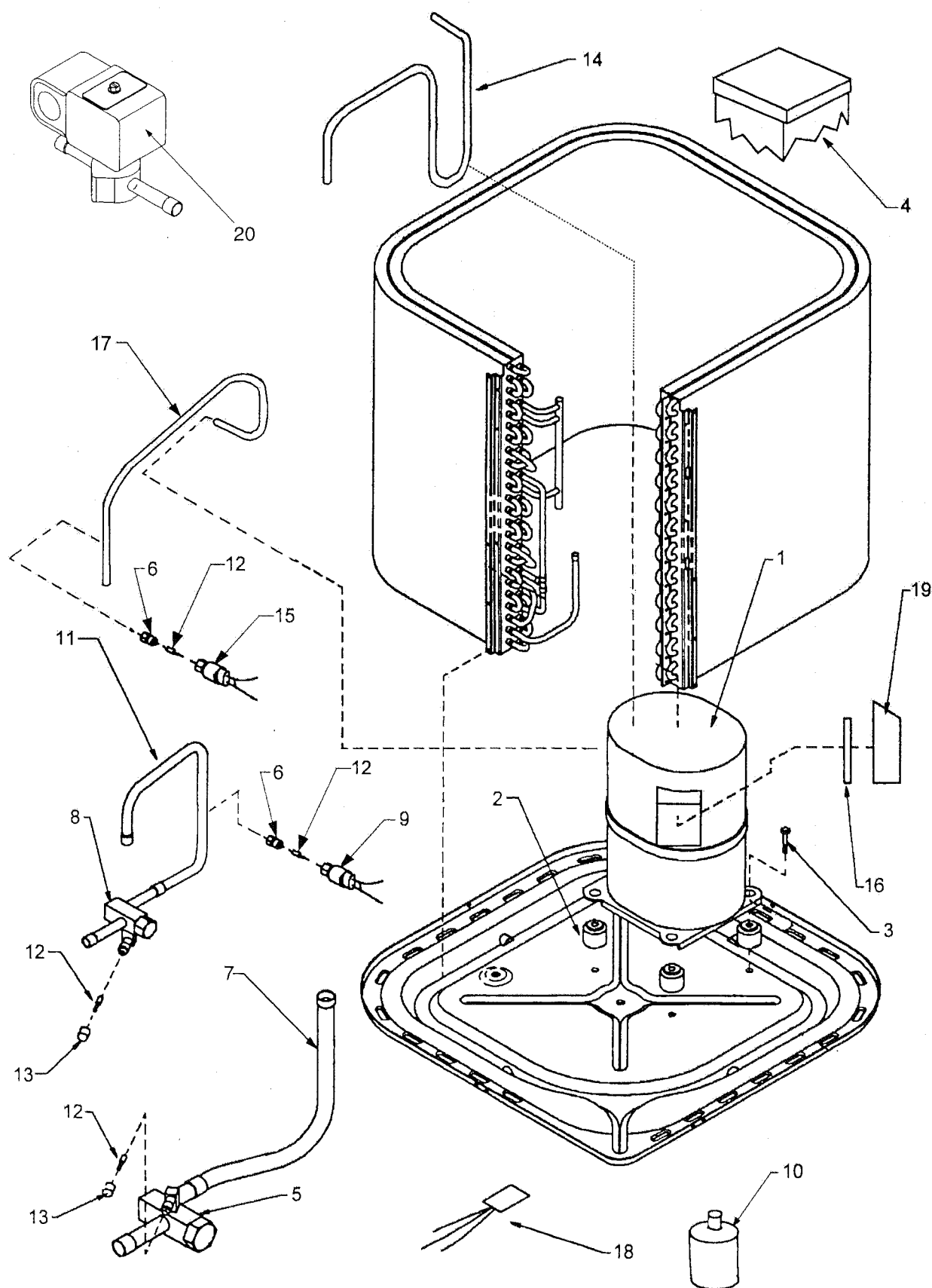
Image 1

- | | | |
|----|----------|------------------------------------|
| 1 | A4603801 | GROMMET |
| 2 | A9015203 | LUG-GROUND |
| 3 | M0216517 | SCREW-SM (QTY 8) |
| 4 | 11156901 | BARRIER-LOW VOLT |
| 5 | B1274701 | BOARD-TERM |
| 6 | C6170005 | CONTACTOR-40A (M6) |
| 6 | C6170004 | CONTACTOR-25A (M1, M2, M3, M4, M7) |
| 6 | C6170002 | CONTACTOR-30A (M5) |
| 7 | C6300508 | STRAP-CAPACITOR |
| 8 | D6789031 | CAPACITOR-METAL (M3) |
| 8 | D6789047 | CAPACITOR-METAL (M6) |
| 8 | D6789043 | CAPACITOR-POLY (M4) |
| 8 | D6789024 | CAPACITOR-DUAL (M1, M2, M7) |
| 8 | D6789046 | CAPACITOR-METAL (M5) |
| 9 | 11009601 | CONTROL BOX WELD |
| 10 | C6415502 | PROTECTOR-CYCLE |
| 11 | M0216521 | SCREW-SM (QTY AR) |
| 12 | M0216529 | SCREW-SM (QTY 3) |

Expanded Model and Color Nomenclature

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M4 - RCE42A2A	P1200005C
M5 - RCE48A2A	P1200006C
M6 - RCE60A2A	P1200007C
M7 - RCE30A2B	P1200008C

Compressor/Tubing



Compressor/Tubing

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1

0	11062401	INSTR-INSTALL (M7)
1	11012504	COMP-CP ZR42K3-PFV (M5)
1	11012505	COMP-CP ZR36K3-PFV (M4)
1	11012506	COMP-CP ZR32K3-PFV (M3)
1	11012507	COMP-CP ZR26K3-PFV (M2, M7)
1	11012508	COMP-CP ZR22K3-PFV (M1)
1	10289209	COMP-CP ZR54K3-PFV (M6)
2	10107301	GROMMET-COMP FOOT (QTY 4)
3	M0221641	SCREW-SHOULDER TF (QTY 4)
4	11026601	BLANKET-SOUND (M6)
4	11026401	BLANKET-SOUND (M1, M2, M7)
4	11026501	BLANKET-SOUND (M3, M4, M5)
5	20023004	VALVE-SWEAT (M3, M4, M5, M6)
5	20023003	VALVE-SWEAT (M1, M2, M7)
6	A4692701	VALVE-DILL (QTY 2)
7	10719802	TUBE-SWT VLV (M1, M2, M7)
7	10719902	TUBE-SUCTION (M3, M4, M5, M6)
8	20023001	VALVE-SWEAT
9	C6453406	CUTOUT-HIGH PRESS
10	10641502	DRIER-FILTER (M3, M4, M5, M6)
10	10641501	DRIER-FILTER (M1, M2, M7)
11	11048705	TUBE-LIQ VLV
12	A4692801	VALVE-CORE (QTY 4)
13	A4692601	NUT-CAP (QTY 2)
14	11066902	TUBE-DISCH (M1, M2, M7)
14	11071502	TUBE-DISCH (M5, M6)
14	11070401	TUBE-DISCH (M3, M4)
15	C6453306	CUTOUT-LOW PRESS
16	10389702	GASKET-TERMINAL COVER (M1, M2, M3, M4, M5, M7)
16	10398701	GASKET-TERMINAL COVER (M6)
17	11070009	SUCTION TUBE WELD (M3, M4)
17	11070008	SUCTION TUBE WELD (M6)
17	11070005	SUCTION TUBE WELD (M1, M2, M7)
17	11070010	SUCTION TUBE WELD (M5)
18	11169001	HARNESS-WIRING (M6)
18	10686508	HARNESS-COMP (M1, M2, M7)
18	10686509	HARNESS-COMP (M3, M4, M5)
19	10398601	COVER-TERMINAL BOX (M6)
19	10398602	COVER-TERMINAL BOX (M1, M2, M3, M4, M5, M7)
20	11062301	SOLENOID VLV ASSY (M7)

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M4 - RCE42A2A	P1200005C
M5 - RCE48A2A	P1200006C
M6 - RCE60A2A	P1200007C
M7 - RCE30A2B	P1200008C

