

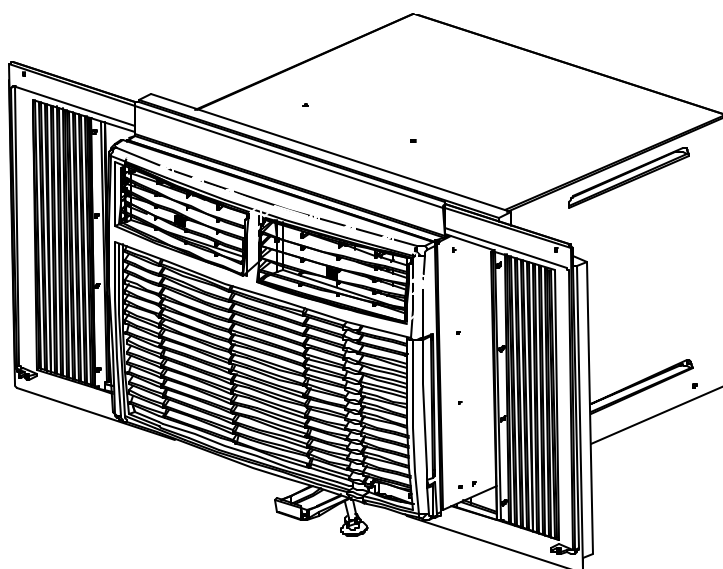
Parts

Room Air Conditioners

This manual replaces RP4110002 Revision 2.

Models and manufacturing
numbers in this manual

RC08090A1D	PRC08090A1D
RC08090A1E	PRC08090A1E
RC09090A1D	PRC09090A1D
RC10090A1D	PRC10090A1D
RC10090A1X	PRC10090A1X
RC10090A5X	PRC10090A5X
RC10091A1D	PRC10091A1D
RC10091A1E	PRC10091A1E
RC10091A1X	PRC10091A1X
RC10190A1D	PRC10190A1D



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

RP4110002
Revision 3
September 1999

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. Locate an authorized technician by calling 800-NATLSVC (800-628-5782).

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

Consumer Affairs Department
Amana
2800 220th Trail
Amana IA 52204-0001
319-622-5511--Telephone
319-622-2977--Facsimile

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

International Division
Amana
2800 220th Trail
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 P1225004R, P1225014R (AC09090A1D) and P1225005R, P1225019R (AC10190A1D) to manual.

Revision 2: Added service replaceable parts to manual.

Revision 3: Removed all models starting with "AC".

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:
BT9457012	CAPACITOR (M10)
BT9457004	CAPACITOR
BT9457005	CAPACITOR
BT9457003	CAPACITOR
BT9457002	CAPACITOR (M3, M4, M5, M7, M9)
BT9457001	CAPACITOR (M2)
BT9266112	COMPRESSOR (M2)
BT9266103	COMPRESSOR (M3, M4, M5, M7, M8, M9)
BT9266110	COMPRESSOR (M6)
BT9266305	COMPRESSOR (M10)
BT9266220	COMPRESSOR
BT1340006	MOTOR (M6)
BT1340001C	MOTOR (M1, M2, M3, M4, M5, M7, M8, M9, M10)
BT1243714	OVERLOAD (M2)
BT1243700	OVERLOAD (M3, M4, M5, M7, M8, M9)
BT1243710	OVERLOAD (M6)
BT1243730	OVERLOAD (M10)
BT1243728	OVERLOAD
BT1210003	POWER CORD
BT1370811	POWER SWITCH
BT1370806	POWER SWITCH (M2, M6, M8)
BT1370803	POWER SWITCH (M1, M3, M4, M7, M10)
BT1370805	THERMOSTAT (M2, M5, M6, M8, M9)
BT1370801	THERMOSTAT (M1, M3, M4, M7, M10)

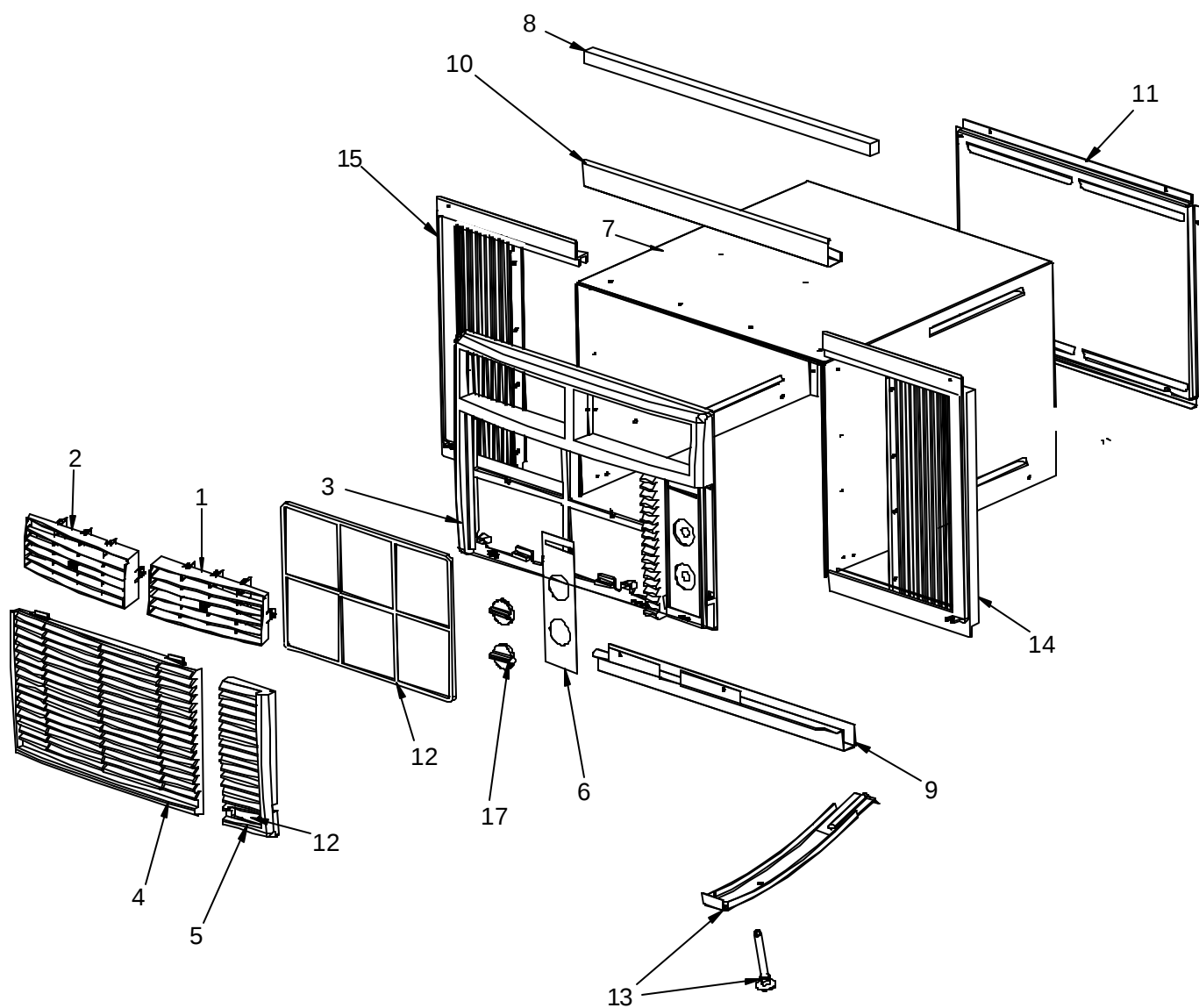
SPECIAL PARTS

BT1419202	AIR FILTER-SMALL
BT1369600	AIR FILTER-SMALL
BT1393200	INSTALLATION-HARDWARE
BT3075920	LOGO-AMANA FIRST EDITION
RP4110002	MANUAL-PARTS
BT1610601	TOUCH UP PAINT

Expanded Model and Color Nomenclature

M1 - RC08090A1D	PRC08090A1D
M2 - RC08090A1E	PRC08090A1E
M3 - RC09090A1D	PRC09090A1D
M4 - RC10090A1D	PRC10090A1D
M5 - RC10090A1X	PRC10090A1X
M6 - RC10090A5X	PRC10090A5X
M7 - RC10091A1D	PRC10091A1D
M8 - RC10091A1E	PRC10091A1E
M9 - RC10091A1X	PRC10091A1X
M10 - RC10190A1D	PRC10190A1D

Outer Case Assy



Outer Case Assy

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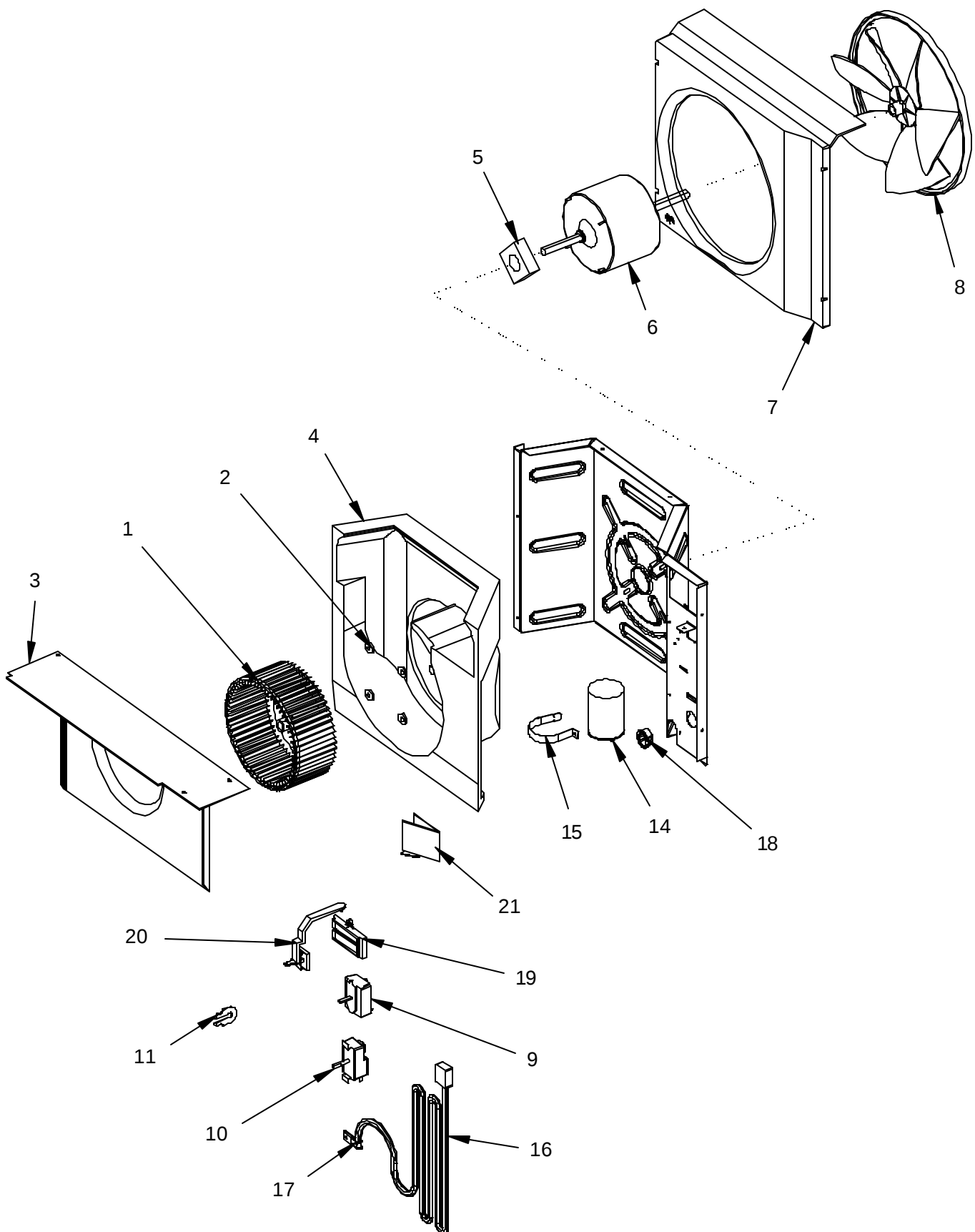
Image 1:

1	BT3045410	RIGHT VENT ASSY
2	BT3045412	LEFT VENT ASSY
3	BT3075100	FRAME-FRONT
4	BT3075200	GRILL-FRONT
5	BT3075300	DOOR-CONTROL
6	BT1493326	CONTROL LABEL
6	BT1493346	CONTROL LABEL (M2, M6, M8)
7	3050800	WRAPPER ASSY
7	3050802	WRAPPER ASSY
8	BT1392600	FOAM GASKET (QTY AR)
9	3003100P	BOTTOM GUIDE (M2, M8)
9	3003103P	BOTTOM GUIDE (M1, M3, M4, M6, M7, M9, M10)
10	3003000P	TOP GUIDE
11	3002200P	REAR LOUVERED PANEL
12	BT1369600	AIR FILTER-SMALL
12	BT1419202	AIR FILTER-SMALL
13	3084000P	SUPPORT BRACKET
14	3073004	RIGHT SHUTTER ASSY
15	3073000	LEFT SHUTTER ASSY
16	BT3075920	LOGO-AMANA FIRST EDITION
17	BT3075609	RAC KNOB (M4, M5, M6, M7, M9)
17	BT3075631	RAC KNOB (M1, M2, M3, M8, M10)
NS	BT1393200	INSTALLATION-HARDWARE

Expanded Model and Color Nomenclature

M1 - RC08090A1D	PRC08090A1D
M2 - RC08090A1E	PRC08090A1E
M3 - RC09090A1D	PRC09090A1D
M4 - RC10090A1D	PRC10090A1D
M5 - RC10090A1X	PRC10090A1X
M6 - RC10090A5X	PRC10090A5X
M7 - RC10091A1D	PRC10091A1D
M8 - RC10091A1E	PRC10091A1E
M9 - RC10091A1X	PRC10091A1X
M10 - RC10190A1D	PRC10190A1D

Fan and Control Assy



Fan and Control Assy

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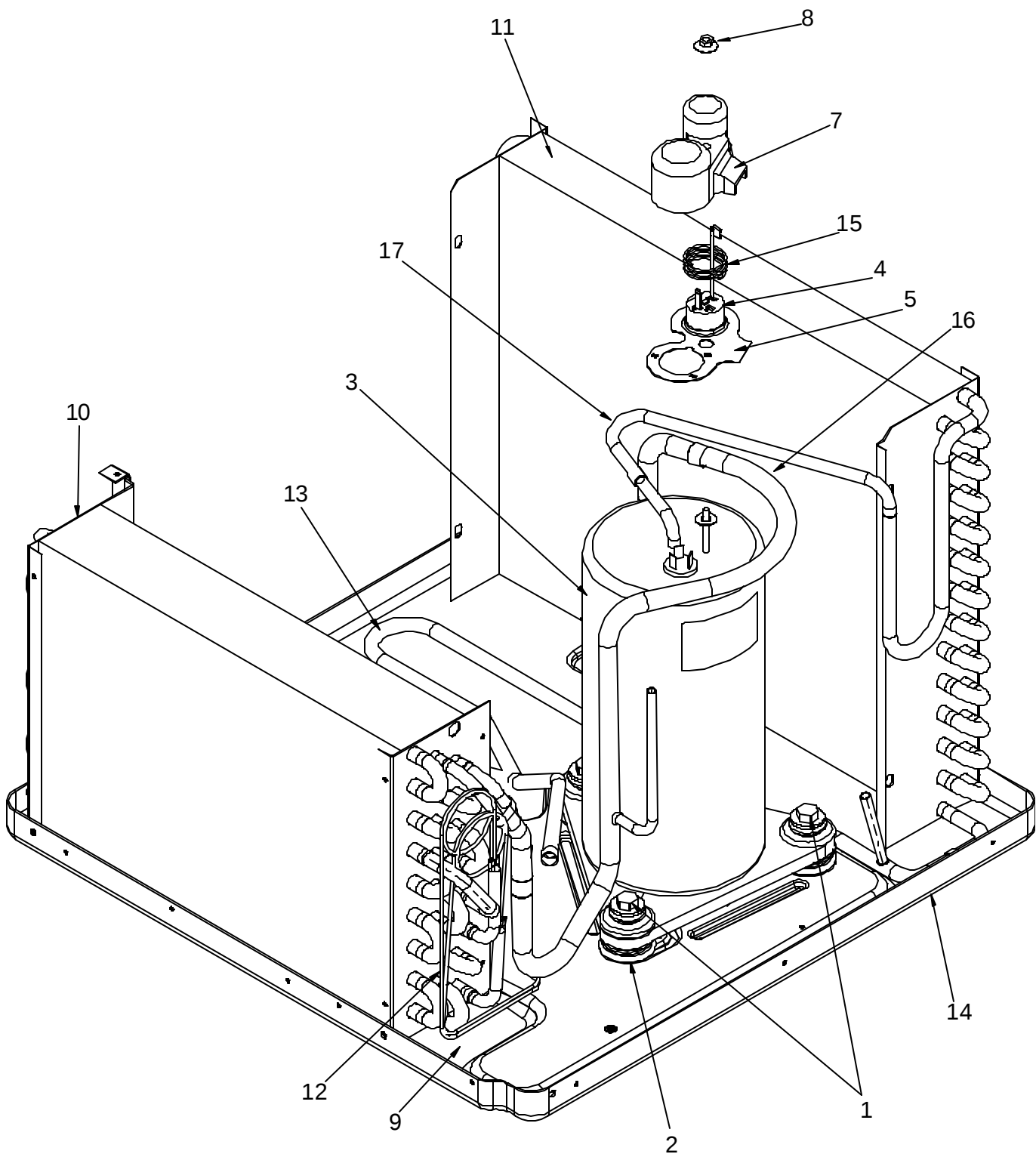
Image 1:

1	BT1368000	BLOWER WHEEL
2	BT1393001	LOCKNUT NYLON (QTY 4)
3	BT3010000	BLOWER PARTITION
4	BT3006000	STYROFOAM SCROLL
5	BT1392612	FOAM GASKET
6	BT1340001C	MOTOR (M1, M2, M3, M4, M5, M7, M8, M9, M10)
6	BT1340006	MOTOR (M6)
7	BT3011000	FAN SHROUD
8	BT1086700	FAN BLADE (M1, M4, M5, M6, M7, M9)
8	BT1086705	FAN BLADE (M2, M3, M8, M10)
9	BT1370803	POWER SWITCH (M1, M3, M4, M7, M10)
9	BT1370806	POWER SWITCH (M2, M6, M8)
9	BT1370811	POWER SWITCH
10	BT1370801	THERMOSTAT (M1, M3, M4, M7, M10)
10	BT1370805	THERMOSTAT (M2, M5, M6, M8, M9)
11	BT1531800	CLIP-BULB
14	BT9457001	CAPACITOR (M2)
14	BT9457002	CAPACITOR (M3, M4, M5, M7, M9)
14	BT9457003	CAPACITOR
14	BT9457004	CAPACITOR
14	BT9457005	CAPACITOR
14	BT9457012	CAPACITOR (M10)
15	3084800	CAPACITOR STRAP
15	3084801	CAPACITOR STRAP (M1, M2, M3, M4, M6, M7, M8, M10)
16	BT1210003	POWER CORD
17	BT1393401	STRAIN RELIEF
18	BT1392100	UNIVERSAL BUSHING
19	BT3076300	SLIDE-DAMPER CTRL (M4, M7)
19	BT3076302	SLIDE-DAMPER CTRL (M1, M2, M3, M5, M6, M8, M9, M10)
20	BT3076200	LEVER-SMALL (M4, M7)
20	BT3076220	LEVER-SMALL (M1, M2, M3, M5, M6, M8, M9, M10)
21	BT3076100	FRESH AIR DOOR

Expanded Model and Color Nomenclature

M1 - RC08090A1D	PRC08090A1D
M2 - RC08090A1E	PRC08090A1E
M3 - RC09090A1D	PRC09090A1D
M4 - RC10090A1D	PRC10090A1D
M5 - RC10090A1X	PRC10090A1X
M6 - RC10090A5X	PRC10090A5X
M7 - RC10091A1D	PRC10091A1D
M8 - RC10091A1E	PRC10091A1E
M9 - RC10091A1X	PRC10091A1X
M10 - RC10190A1D	PRC10190A1D

Compressor Assy



Compressor Assy

Ref. Part			Ref. Part		
No:	No:	Description:	No:	No:	Description:
<i>Image 1:</i>			14	3000000P	BASE PAN (M4, M5, M6, M7, M9)
1	BT1393700	BOLT & SLEEVE (M4, M5, M6, M7, M9)	14	3000012P	BASE PAN (M1, M2, M10)
1	BT1393704	BOLT SHLDR (M1, M2, M3, M8, M10)	14	3000013P	BASE PAN (M3, M8)
2	BT1339500	GROMMET-COMP (QTY 3)	15	BT1393705	SPRING (M1)
3	BT9266103	COMPRESSOR (M3, M4, M5, M7, M8, M9)	15	BT1393708	SPRING (M10)
3	BT9266110	COMPRESSOR (M6)	16	3093702	SUCTION LINE ASM (M4, M5, M6)
3	BT9266112	COMPRESSOR (M2)	16	3093710	SUCTION LINE ASM (M9)
3	BT9266220	COMPRESSOR	16	3093722	SUCTION LINE ASM (M2)
3	BT9266305	COMPRESSOR (M10)	16	3093723	SUCTION LINE ASM (M7)
4	BT1243700	OVERLOAD (M3, M4, M5, M7, M8, M9)	16	3093730	SUCTION LINE ASM (M3, M8)
4	BT1243710	OVERLOAD (M6)	16	3093733	SUCTION LINE ASM
4	BT1243714	OVERLOAD (M2)	16	3093735	SUCTION LINE ASM (M10)
4	BT1243728	OVERLOAD	17	30936175	DISCHARGE LINE (M2)
4	BT1243730	OVERLOAD (M10)	17	3093620	DISCHARGE LINE (M4, M5, M6, M9)
5	BT1392604	GASKET-COMP (M2, M3, M4, M5, M6, M7, M8, M9)	17	30936203	DISCHARGE LINE (M3, M7, M8)
5	BT1392619	GASKET-COMP (M1)	17	30936301	DISCHARGE LINE (M1)
5	BT1392629	GASKET-COMP (M10)	17	30936312	DISCHARGE LINE (M10)
7	BT3055500	PLASTIC COVER (M2, M3, M4, M5, M6, M7, M8, M9)	Expanded Model and Color Nomenclature		
7	BT3055502	PLASTIC COVER (M10)	M1 - RC08090A1D	PRC08090A1D	
7	BT3055503	PLASTIC COVER	M2 - RC08090A1E	PRC08090A1E	
8	BT1393000	NUT (M2, M3, M4, M5, M6, M7, M8, M9)	M3 - RC09090A1D	PRC09090A1D	
8	BT1393008	NUT (M1)	M4 - RC10090A1D	PRC10090A1D	
8	BT1393010	NUT (M10)	M5 - RC10090A1X	PRC10090A1X	
9	BT3005000	DRAIN PAN	M6 - RC10090A5X	PRC10090A5X	
10	3064609	EVAP ASSY (M4, M6)	M7 - RC10091A1D	PRC10091A1D	
10	3064612	EVAP ASSY (M5, M9)	M8 - RC10091A1E	PRC10091A1E	
10	3064616	EVAP ASSY	M9 - RC10091A1X	PRC10091A1X	
10	3096010	EVAP ASSY (M2)	M10 - RC10190A1D	PRC10190A1D	
10	3096011	EVAP ASSY (M3, M7)			
10	3096029	EVAP ASSY			
10	3096030	EVAP ASSY (M8, M10)			
10	3096032	EVAP ASSY			
11	3064901	COND ASSY			
11	3064910	COND ASSY			
11	3096504	COND ASSY (M3, M7, M8)			
11	3096509	COND ASSY			
11	3096510	COND ASSY (M10)			
11	3096522	COND ASSY (M2)			
12	3093834	CAP TUBE ASSY			
12	3093835	CAP TUBE ASSY			
12	3093852	CAP TUBE ASSY			
12	3093873	CAP TUBE ASSY			
13	3093803	LIQUID LINE ASSY (INCLUDES CAP TUBE ASSY AND PROCESS/FILTER (M4)			
13	3093815	LIQUID LINE ASSY (INCLUDES FILTER CAP TUBES) (M5, M9)			
13	3093821	LIQUID LINE ASSY (INCLUDES FILTER STRAINER) (M6)			
13	3093827	LIQUID LINE ASSY (INCLUDES FILTER STRAINER) (M2)			
13	3093833	LIQUID LINE ASSY (INCLUDES FILTER STRAINER) (M3, M7, M8)			
13	3093859	LIQUID LINE ASSY (INCLUDES FILTER STRAINER)			
13	3093868	LIQUID LINE ASSY (INCLUDES FILTER STRAINER) (M10)			