

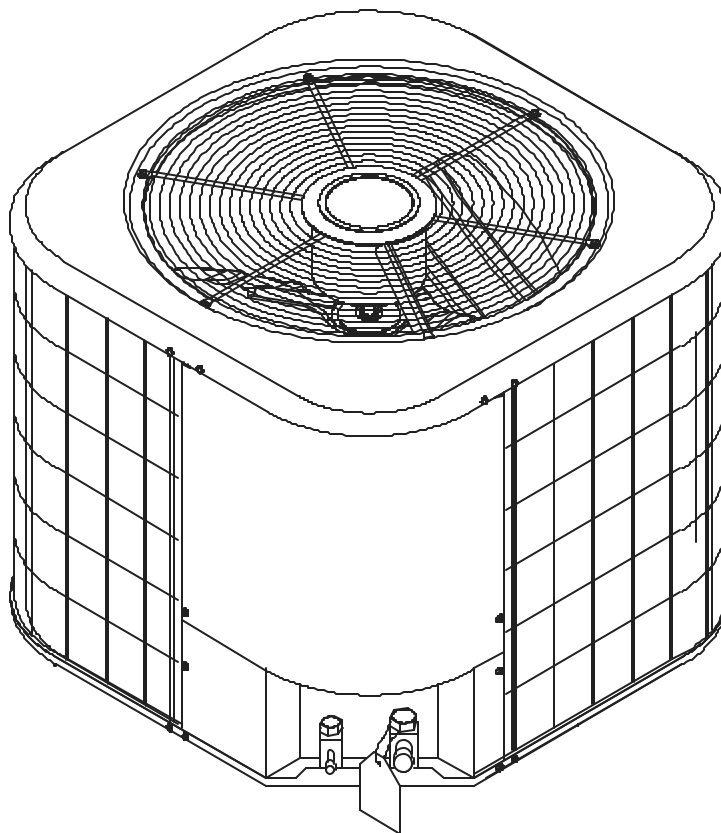
Parts

RCB Series Remote Cooling

Replaces RP6110014 Rev. 0

Models and manufacturing
numbers in this manual

RCB18B2A	P1223301C
RCB18B2D	P1223308C
RCB24B2A	P1223302C
RCB24B2D	P1223309C
RCB30B2A	P1223303C
RCB30B2D	P1223310C
RCB36B2A	P1223304C
RCB36B2D	P1223311C
RCB42B2A	P1223305C
RCB42B2D	P1223312C
RCB48B2A	P1223306C
RCB48B2D	P1223313C
RCB60B2A	P1223307C
RCB60B2D	P1223314C



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.



RP6110014
Revision 1
October 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

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Illustration and Parts 6 - 11

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

Added RCB*B2D models.

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:

D6789048	CAPACITOR (M1, M8)
D6789049	CAPACITOR (M3, M10)
D6789028	CAPACITOR (M5, M12)
D6879850	CAPACITOR (M2)
D6789025	CAPACITOR (M4, M11)
D6789046	CAPACITOR (M7, M14)
D6789024	CAPACITOR (M6, M13)
B1104807	CAPACITOR-START (M5, M12)
B1104806	CAPACITOR-START (M1, M2, M3, M4, M8, M9, M10, M11)
10289211	COMP CP ZR57KC-PFV (M7, M14)
11012511	COMP ZR45KC-PFV235 (M6, M13)
10481828	COMP-CR16K6-PFV220 (M1, M8)
10481822	COMP-CR22K6-PFV220 (M2, M9)
10481823	COMP-CR28K6-PFV220 (M3, M10)
10481817	COMP-CR32K6-PFV230 (M4, M11)
10481824	COMP-CR38K6-PFV220 (M5, M12)
C6170004	CONTACTOR-25A (M1, M2, M3, M4, M5, M6, M8, M9, M10, M11, M12, M13)
C6170005	CONTACTOR-40A (M7, M14)
10641502	DRIER-FILTER (M4, M5, M6, M7, M11, M12, M13, M14)
10641501	DRIER-FILTER (M1, M2, M3, M8, M9, M10)
10651507	HARNESS-COMP (M1, M2, M3, M4)
10651508	HARNESS-COMP (M5)
10651508	HARNESS-COMP (M6)
10651509	HARNESS-COMP (M7)
10584308	MOTOR-COND (M3, M10)
10584313	MOTOR-COND (M4, M5, M6, M7, M11, M12, M13, M14)
10584307	MOTOR-COND (M1, M2, M8, M9)
11076319	PISTON-ORIF 0530 (M1)
11076303	PISTON-ORIF 0591 (M2)
11076317	PISTON-ORIF 0650 (M3)
11076318	PISTON-ORIF 0710 (M4)
11076309	PISTON-ORIF 0760 (M5)
11076312	PISTON-ORIF 0846 (M6)
11076314	PISTON-ORIF 0925 (M7)
10142317	RELAY-START (M4, M11)
10142305	RELAY-START (M2, M3, M5, M9, M10, M12)
10142307	RELAY-START (M1, M8)

Functional Parts

Part

No: Description:

SPECIAL PARTS

10652404	MANUAL-INSTAL
10659202	MANUAL-OWNERS
RP6110014	MANUAL-PARTS
20180121	RCB18B2A SPEC SHT (M1)
20180122	RCB24B2A SPEC SHT (M2)
20180123	RCB30B2A SPEC SHT (M3)
20180124	RCB36B2A SPEC SHT (M4)
20180125	RCB42B2A SPEC SHT (M5)
20180126	RCB48B2A SPEC SHT (M6)
20180127	RCB60B2A SPEC SHT (M7)
RS6200003	SERVICE MANUAL
RT6111003	TECHNICAL INFORMATION (M1, M2, M3, M4, M5, M6, M7)
RT6111002	TECHNICAL INFORMATION (M8, M9, M10, M11, M12, M13, M14)
20315606	WARRANTY 5/10 YR CAC

Expanded Model and Color Nomenclature

M1 - RCB18B2D	P1223308C
M2 - RCB24B2D	P1223309C
M3 - RCB30B2D	P1223310C
M4 - RCB36B2D	P1223311C
M5 - RCB42B2D	P1223312C
M6 - RCB48B2D	P1223313C
M7 - RCB60B2D	P1223314C
M8 - RCB18B2A	P1223301C
M9 - RCB24B2A	P1223302C
M10 - RCB30B2A	P1223303C
M11 - RCB36B2A	P1223304C
M12 - RCB42B2A	P1223305C
M13 - RCB48B2A	P1223306C
M14 - RCB60B2A	P1223307C

Control Cover/Cabinet/Top

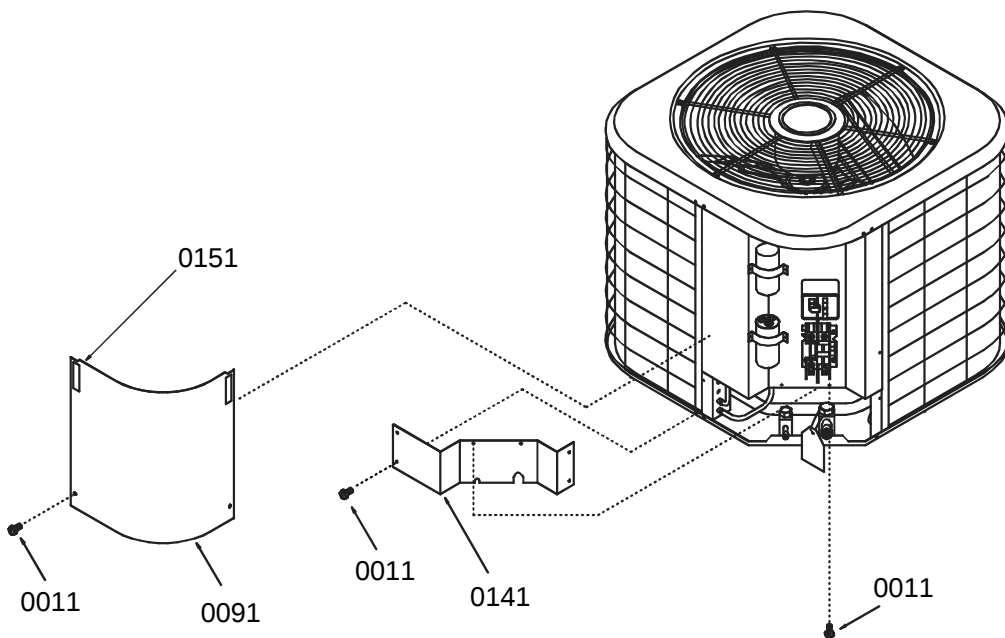
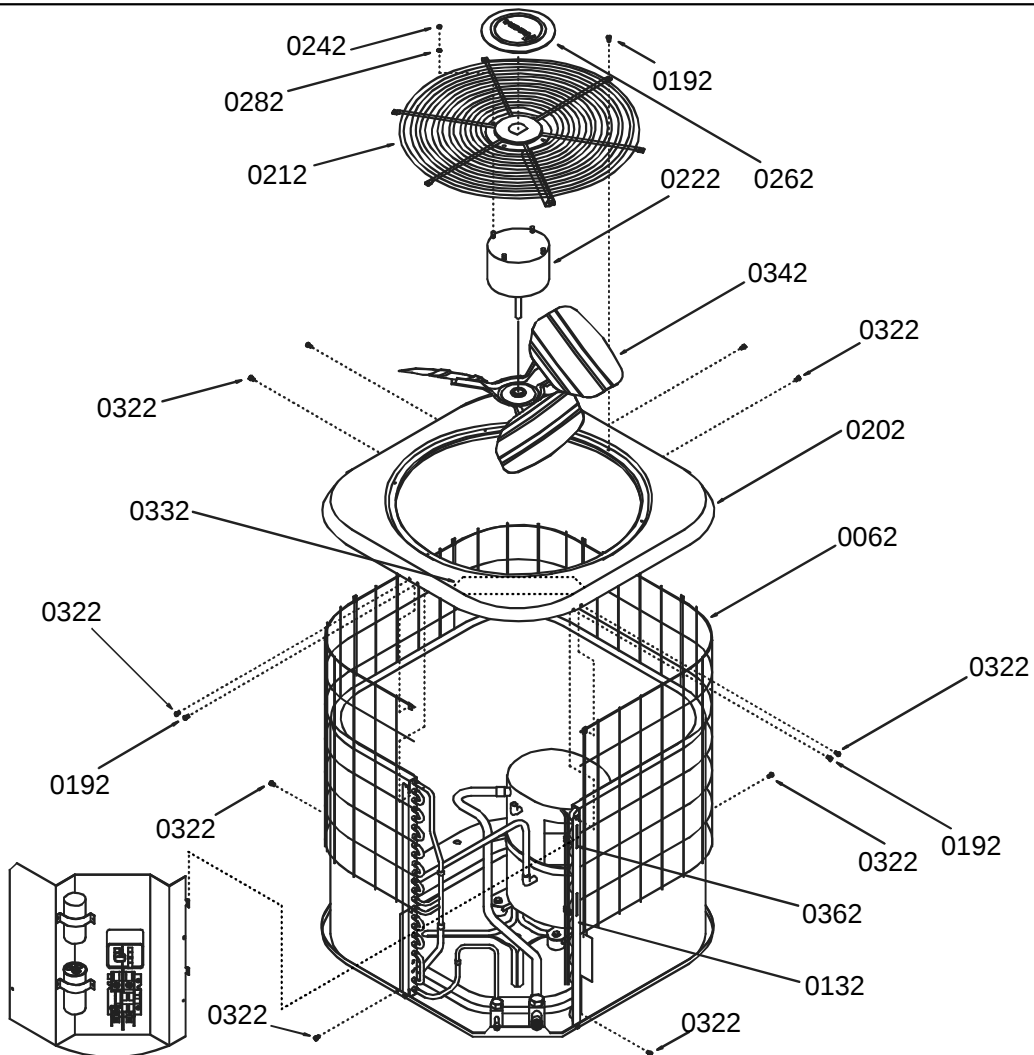


Image1

Image2



Control Cover/Cabinet/Top

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

0011	M0220816	SCREW-SM (QTY AR)
0091	20160401	COVER-CONTROL (M1, M2, M8, M9)
0091	20160402	COVER-CONTROL (M3, M4, M5, M6, M7, M10, M11, M12, M13, M14)
0141	20160201	PANEL-SRVC VLV (M1, M2, M4, M5, M8, M9, M11, M12)
0141	20160202	PANEL-SRVC VLV (M3, M10)
0141	20160203	PANEL-SRVC VLV (M6, M7, M13, M14)
0151	10839819	GASKET-FOAM (QTY AR)
NS	10641501	DRIER-FILTER (M1, M2, M3, M8, M9, M10)
NS	10641502	DRIER-FILTER (M4, M5, M6, M7, M11, M12, M13, M14)

Image 2:

0062	20182501	GRILLE-FORMED (M1, M2, M8, M9)
0062	20182503	GRILLE-FORMED (M3, M10)
0062	20182504	GRILLE-FORMED (M4, M5, M11, M12)
0062	20182505	GRILLE-FORMED (M6, M7, M13, M14)
0132	M0321202	TIE-ELEC LG (QTY AR)
0192	M0220816	SCREW-SM (QTY AR)
0202	20160501	TOP (M1, M2, M3, M8, M9, M10)
0202	20161201	TOP (M4, M5, M6, M7, M11, M12, M13, M14)
0212	10589801	GRILLE-FAN (M1, M2, M3, M8, M9, M10)
0212	10589802	GRILLE-FAN (M4, M5, M6, M7, M11, M12, M13, M14)
0222	10584307	MOTOR-COND (M1, M2, M8, M9)
0222	10584308	MOTOR-COND (M3, M10)
0222	10584313	MOTOR-COND (M4, M5, M6, M7, M11, M12, M13, M14)
0242	M0280801	NUT-HEX (QTY AR)
0262	20164301	DISK-LOGO CL
0282	M0272803	WASHER-LOCK (QTY AR)
0322	M0229130	SCREW-SD (M1, M2, M3, M4, M5, M6, M7)
0322	M0229303	SCREW-SM (M8, M9, M10, M11, M12, M13, M14)
0332	20164001	GASKET-CONT PANEL
0342	10625716	FAN-COND (M1, M2, M8, M9)
0342	10625717	FAN-COND (M3, M10)
0342	10625706	FAN-CONDENSER (M4, M5, M6, M7, M11, M12, M13, M14)
0362	20161701	HANGER-CLIP (M1, M2, M3, M4, M5, M6, M7, M11, M12, M13, M14)
9991	20325002	INSERT LOGO

Expanded Model and Color Nomenclature

M1 - RCB18B2D	P1223308C
M2 - RCB24B2D	P1223309C
M3 - RCB30B2D	P1223310C
M4 - RCB36B2D	P1223311C
M5 - RCB42B2D	P1223312C
M6 - RCB48B2D	P1223313C
M7 - RCB60B2D	P1223314C
M8 - RCB18B2A	P1223301C
M9 - RCB24B2A	P1223302C
M10 - RCB30B2A	P1223303C
M11 - RCB36B2A	P1223304C
M12 - RCB42B2A	P1223305C
M13 - RCB48B2A	P1223306C
M14 - RCB60B2A	P1223307C

Tubing

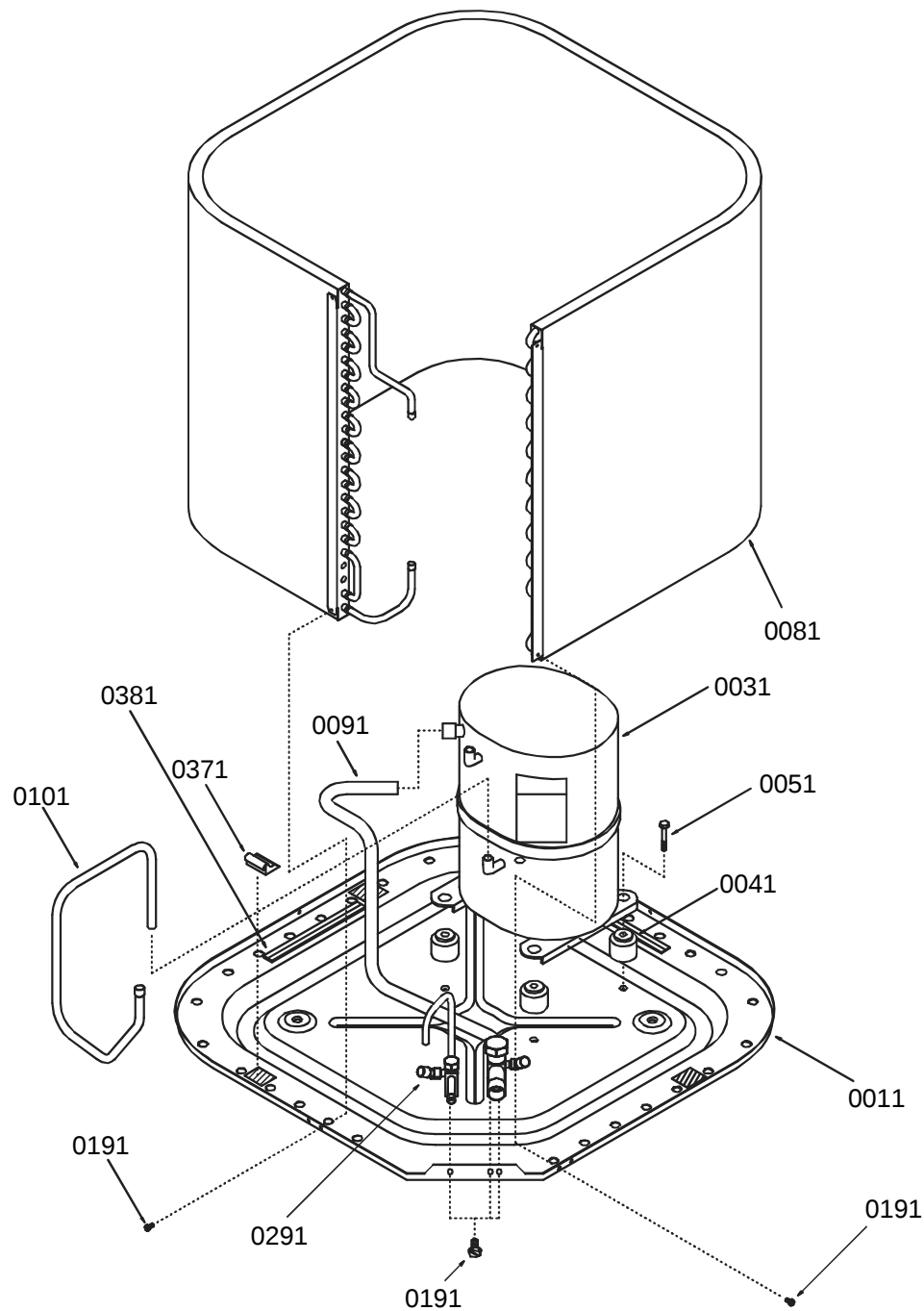


Image1

Image2

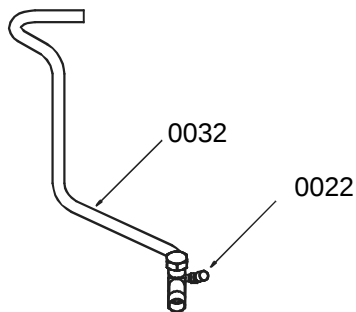
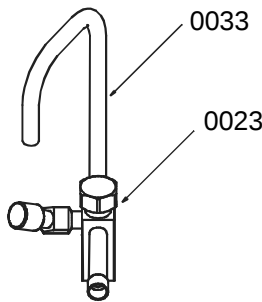


Image3



Tubing

**Ref. Part
No: No:**

Description:

**Ref. Part
No: No:**

Description:

Image 1:

0011 20159901	BASEPAN (M1, M2, M3, M8, M9, M10)
0011 20160001	BASEPAN (M4, M5, M6, M7, M11, M12, M13, M14)
0031 10289211	COMP CP ZR57KC-PFV (M7, M14)
0031 11012511	COMP ZR45KC-PFV235 (M6, M13)
0031 10481828	COMP-CR16K6-PFV220 (M1, M8)
0031 10481822	COMP-CR22K6-PFV220 (M2, M9)
0031 10481823	COMP-CR28K6-PFV220 (M3, M10)
0031 10481817	COMP-CR32K6-PFV230 (M4, M11)
0031 10481824	COMP-CR38K6-PFV220 (M5, M12)
0041 10107301	GROMMET-COMP FOOT (M6, M7, M13, M14)
0041 B1315401	GROMMET-COMP FOOT (M1, M2, M3, M4, M5, M8, M9, M10, M11, M12)
0051 M0221641	SCREW-SHOULDER TF (QTY 4)
0081 20178803	COND ASSY (M1, M8)
0081 20178903	COND ASSY (M2, M9)
0081 20180203	COND ASSY (M4, M5, M11, M12)
0081 20180707	COND ASSY (M3, M10)
0081 20209001	COND ASSY (M6, M7)
0081 20209003	COND ASSY (M13, M14)
0091 20208901	SUCT VLV WELD (M6)
0091 20208902	SUCT VLV WELD (M7, M13, M14)
0091 20187801	SUCTION TUBE WELD (M1, M2, M8, M9)
0091 20187802	SUCTION TUBE WELD (M3, M10)
0091 20206201	SUCTION TUBE WELD (M5, M12)
0091 20206202	SUCTION WELD (M4, M11)
0101 20232001	TUBE-DISCH REM (M9)
0101 20232002	TUBE-DISCH REM (M8)
0101 20205601	TUBE-DISCHARGE (M4, M5)
0101 20205602	TUBE-DISCHARGE (M11, M12)
0101 20206901	TUBE-DISCHARGE (M6, M13)
0101 20206903	TUBE-DISCHARGE (M7, M14)
0101 20219301	TUBE-DISCHARGE (M1, M2)
0101 20219401	TUBE-DISCHARGE (M3, M10)
0191 M0220816	SCREW-SM (QTY AR)
0291 20210402	LIQUID VALVE WELD
0371 20206601	SUPPORT-COIL (M1, M2, M3, M4, M5, M8, M9, M10, M11, M12, M13, M14)
0381 10839819	GASKET-FOAM (QTY AR)

Image 2:

0022 20163902	VALVE-SERVICE 3/4 (M3, M10, M11)
0022 20163901	VALVE-SERVICE 5/8 (M1, M2, M8, M9)
0022 20163903	VALVE-SERVICE 7/8 (M5, M6, M7, M12, M13, M14)
0032 20187601	TUBE-SUCTION (M3, M10)
0032 20187701	TUBE-SUCTION (M1, M2, M8, M9)
0032 20205501	TUBE-SUCTION (M5, M12)
0032 20205502	TUBE-SUCTION (M11)
0032 20207001	TUBE-SUCTION (M6)
0032 20207002	TUBE-SUCTION (M7, M13, M14)

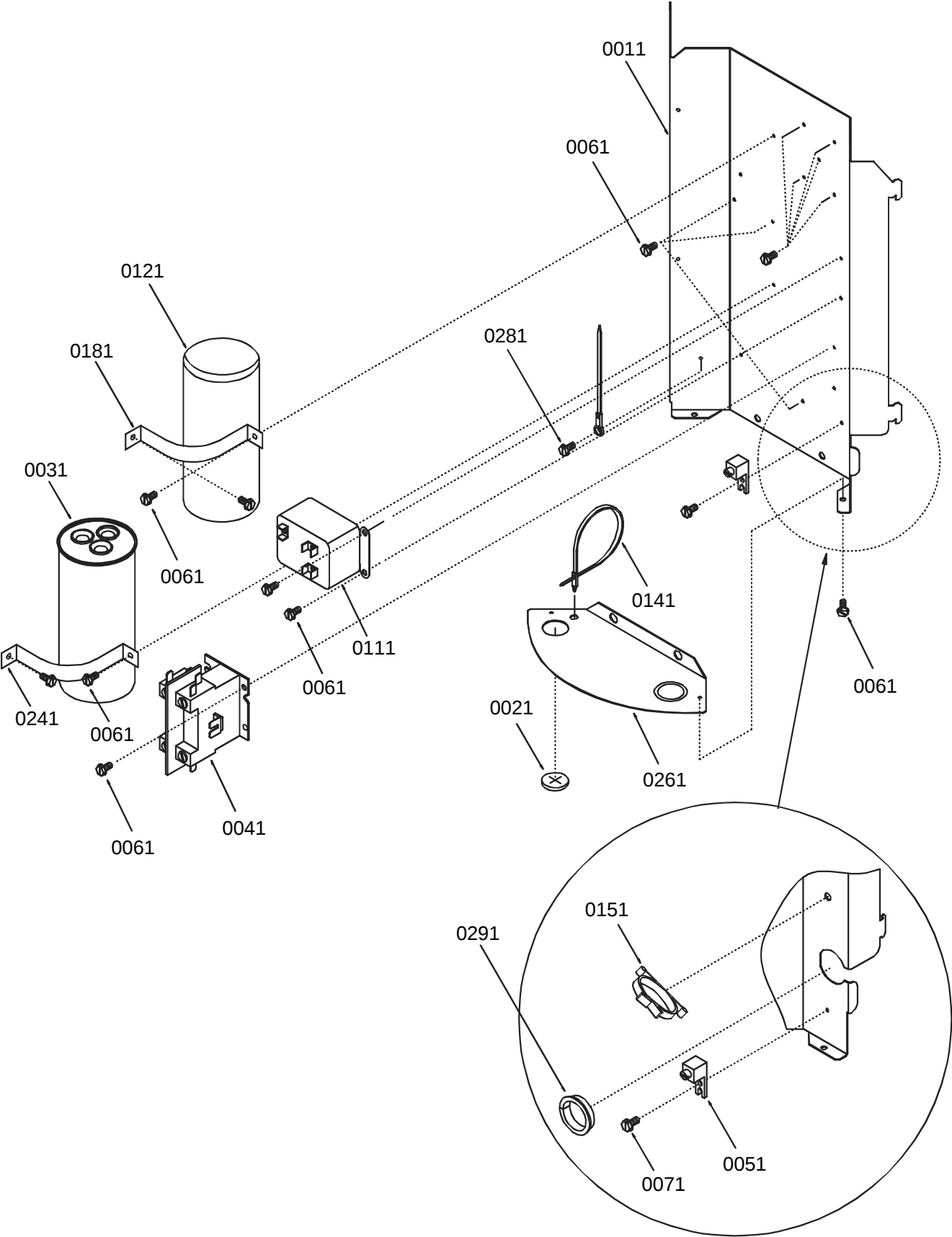
Image 3:

0023 20163801	VALVE-SERVICE
0033 20210202	TUBE-LIQ SVLV

Expanded Model and Color Nomenclature

M1 - RCB18B2D	P1223308C
M2 - RCB24B2D	P1223309C
M3 - RCB30B2D	P1223310C
M4 - RCB36B2D	P1223311C
M5 - RCB42B2D	P1223312C
M6 - RCB48B2D	P1223313C
M7 - RCB60B2D	P1223314C
M8 - RCB18B2A	P1223301C
M9 - RCB24B2A	P1223302C
M10 - RCB30B2A	P1223303C
M11 - RCB36B2A	P1223304C
M12 - RCB42B2A	P1223305C
M13 - RCB48B2A	P1223306C
M14 - RCB60B2A	P1223307C

Control Box



Control Box

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>		Expanded Model and Color Nomenclature	
0011 20187201	PANEL-CONTROL (M1, M2)	M1 - RCB18B2D	P1223308C
0011 20187204	PANEL-CONTROL (M8, M9)	M2 - RCB24B2D	P1223309C
0011 20187301	PANEL-CONTROL (M3, M4, M5, M6, M7)	M3 - RCB30B2D	P1223310C
0011 20187304	PANEL-CONTROL (M10, M11, M12, M13, M14)	M4 - RCB36B2D	P1223311C
0021 A4603801	GROMMET	M5 - RCB42B2D	P1223312C
0031 D6789024	CAPACITOR (M6, M13)	M6 - RCB48B2D	P1223313C
0031 D6789025	CAPACITOR (M4, M11)	M7 - RCB60B2D	P1223314C
0031 D6789028	CAPACITOR (M5, M12)	M8 - RCB18B2A	P1223301C
0031 D6789046	CAPACITOR (M7, M14)	M9 - RCB24B2A	P1223302C
0031 D6789048	CAPACITOR (M1, M8)	M10 - RCB30B2A	P1223303C
0031 D6789049	CAPACITOR (M3, M10)	M11 - RCB36B2A	P1223304C
0031 D6789051	CAPACITOR (M9)	M12 - RCB42B2A	P1223305C
0031 D6879850	CAPACITOR (M2)	M13 - RCB48B2A	P1223306C
0041 C6170004	CONTACTOR-25A (M1, M2, M3, M4, M5, M6, M8, M9, M10, M11, M12, M13)	M14 - RCB60B2A	P1223307C
0041 C6170005	CONTACTOR-40A (M7, M14)		
0051 A9015201	LUG-GROUND (M8, M9, M10, M11, M12, M13, M14)		
0051 A9015203	LUG-GROUND (M1, M2, M3, M4, M5, M6, M7)		
0061 M0216515	SCREW-SM (QTY AR)		
0071 M0216529	SCREW-SM		
0111 10142305	RELAY-START (M2, M3, M5, M9, M10, M12)		
0111 10142307	RELAY-START (M1, M8)		
0111 10142317	RELAY-START (M4, M11)		
0121 B1104806	CAPACITOR-START (M1, M2, M3, M4, M8, M9, M10, M11)		
0121 B1104807	CAPACITOR-START (M5, M12)		
0141 M0322201	TIE-ELEC		
0151 M0118702	CLIP-GUIDE		
0181 C6300508	STRAP-CAPACITOR (M1, M2, M3, M4, M8, M9, M10, M11)		
0181 C6300513	STRAP-CAPACITOR (M5, M12)		
0241 C6300508	STRAP-CAPACITOR (M1, M2, M3, M8, M9)		
0241 C6300513	STRAP-CAPACITOR (M4, M5, M6, M7, M11, M12, M13, M14)		
0261 20161101	BOTTOM-CNTRL PNL		
0281 M0216517	SCREW-SM		
0291 20161501	BUSHING-SPLIT (M1, M2, M3, M4, M5, M6, M7)		