

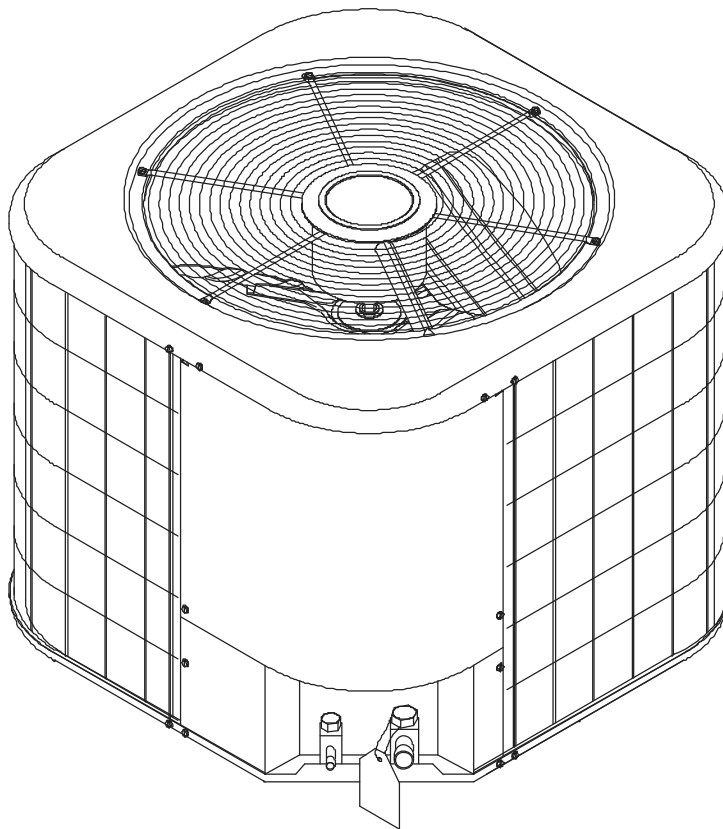
Models and manufacturing  
numbers in this manual

VCA18B2A	P1221301C
VCA24B2A	P1221302C
VCA30B2A	P1221303C
VCA36B2A	P1221314C
VCA36B3A	P1221315C
VCA42B2A	P1221307C
VCA48B2A	P1221316C
VCA48B3A	P1221317C
VCA60B2A	P1221318C
VCA60B3A	P1221319C

# Parts

## VCA Series Remote Cooling

This manual replaces RP6110015 Revision 1.



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**

RP6110015  
Revision 2  
June 2000

## Important Information

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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 procedure*

Rev. 1. Added models P1221318C VCA60B2A, P1221319C VCA60B3A  
Rev. 2. Add model VCA48B2A P1221316C

### 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:

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D6879752	CAPACITOR (M6, M8, M10)
D6789029	CAPACITOR-DUAL (M4)
D6789031	CAPACITOR-METAL (M3, M5)
D6789047	CAPACITOR-METAL (M9)
D6789050	CAPACITOR-POLY (M1, M2)
D6789043	CAPACITOR-POLY (M7)
10679713	COMP-TC AVB5538EXN (M4)
10679722	COMP-TC AVD5545EXN (M7)
10679711	COMP-TC AVD5545EXT (M8)
10679724	COMP-TC AVD5558EXN (M9)
10679725	COMP-TC AVD5558EXT (M10)
10611917	COMP-TC AWF5516EXN (M1)
10611919	COMP-TC AWF5522EXN (M2)
10611921	COMP-TC AWF5528EXN (M3)
10611923	COMP-TC AWF5532EXN (M5)
10611927	COMP-TC AWF5532EXT (M6)
C6333501	CONTACTOR-25A (M6, M8, M10)
C6170004	CONTACTOR-25A (M1, M2, M3, M4, M5, M7)
C6170003	CONTACTOR-35A (M9)
10651509	HARNESS-COMP (M9)
10651507	HARNESS-COMP (M1, M2, M3, M5)
10651508	HARNESS-COMP (M4, M7)
11180701	HARNESS-WIRE (M10)
11180601	HARNESS-WIRE (M6, M8)
10584318	MOTOR-COND (M4, M5, M6, M7, M8, M9, M10)
20181701	MOTOR-COND (M1, M2)
20181702	MOTOR-COND (M3)
11076301	PISTON-ORIF 0512 (M1)
11076303	PISTON-ORIF 0591 (M2)
11076317	PISTON-ORIF 0650 (M3)
11076318	PISTON-ORIF 0710 (M5, M6)
11076309	PISTON-ORIF 0760 (M4)
11076312	PISTON-ORIF 0846 (M7, M8)
11076314	PISTON-ORIF 0925 (M9, M10)
C6415502	PROTECTOR-CYCLE (M7, M9)
11154402	PTCR-START DEVICE (M7, M9)

# Functional Parts

## Part

**No:**            **Description:**

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### SPECIAL PARTS

10652404    MANUAL-INSTAL  
10659202    MANUAL-OWNERS  
RP6110015    MANUAL-PARTS  
RS6100002    MANUAL-SERVICE  
RT6111004    SHEET-TECH

### Expanded Model and Color Nomenclature

M1 - VCA18B2A	P1221301C
M2 - VCA24B2A	P1221302C
M3 - VCA30B2A	P1221303C
M4 - VCA42B2A	P1221307C
M5 - VCA36B2A	P1221314C
M6 - VCA36B3A	P1221315C
M7 - VCA48B2A	P1221316C
M8 - VCA48B3A	P1221317C
M9 - VCA60B2A	P1221318C
M10 - VCA60B3A	P1221319C

# Control Cover/Cabinet/Top

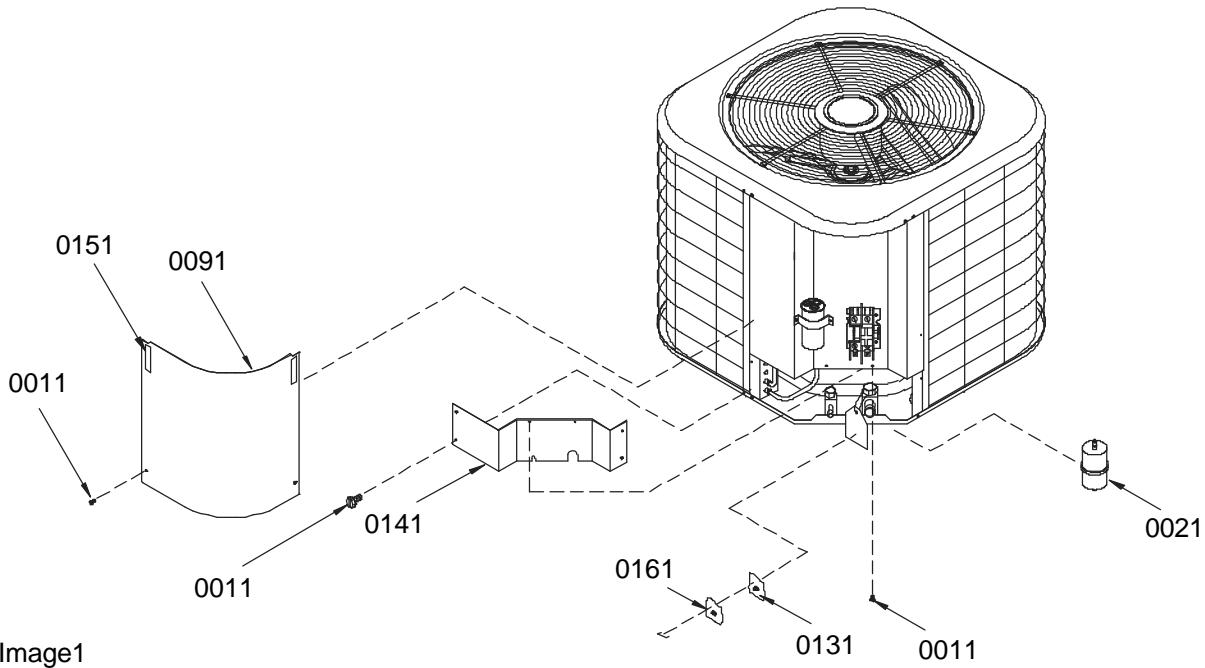
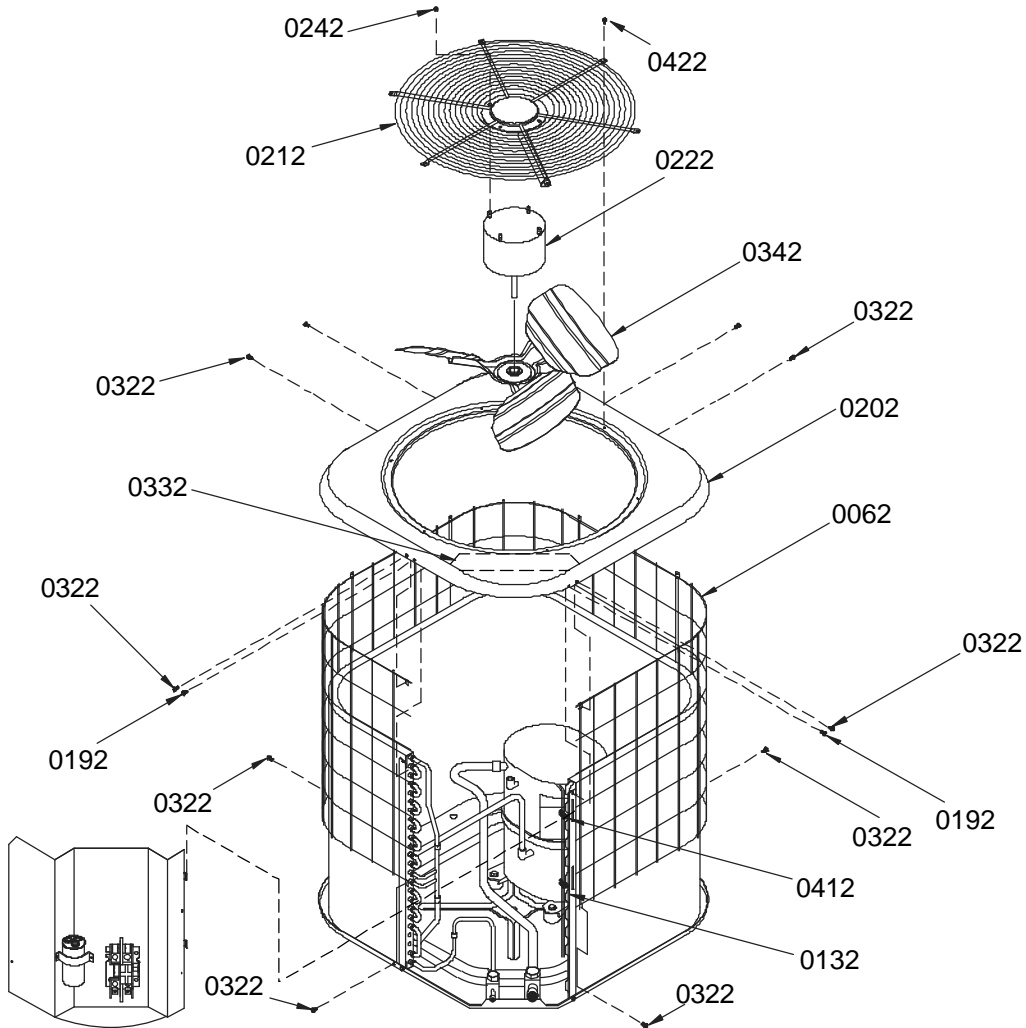


Image1

Image2



# Control Cover/Cabinet/Top

**Ref Part**

**No: Description:**

*Image 1:*

0011	M0220816	SCREW-SM (QTY AR)
0021	10641501	DRIER-FILTER (M1, M2, M3)
0021	10641502	DRIER-FILTER (M4, M5, M6, M7, M8, M9, M10)
0091	20160403	COVER-CONTROL (M1, M2)
0091	20160404	COVER-CONTROL (M3, M4, M5, M6, M7, M8, M9, M10)
0131	11076301	PISTON-ORIF 0512 (M1)
0131	11076303	PISTON-ORIF 0591 (M2)
0131	11076317	PISTON-ORIF 0650 (M3)
0131	11076318	PISTON-ORIF 0710 (M5, M6)
0131	11076309	PISTON-ORIF 0760 (M4)
0131	11076312	PISTON-ORIF 0846 (M7, M8)
0131	11076314	PISTON-ORIF 0925 (M9, M10)
0141	20160205	PANEL-SRVC VLV (M1, M2, M4, M5, M6)
0141	20160206	PANEL-SRVC VLV (M3)
0141	20160207	PANEL-SRVC VLV (M7, M8, M9, M10)
0151	10839819	GASKET-FOAM (QTY AR)
0161	M0274068	WASHER-TEFLON

*Image 2:*

0062	20182508	GRILLE-FORMED (M1, M2)
0062	20182510	GRILLE-FORMED (M3)
0062	20182511	GRILLE-FORMED (M4, M5, M6)
0062	20182512	GRILLE-FORMED (M7, M8, M9, M10)
0132	M0321202	TIE-ELEC LG (QTY AR)
0192	M0220816	SCREW-SM (QTY AR)
0202	20160502	TOP (M1, M2, M3)
0202	20161203	TOP (M4, M5, M6, M7, M8, M9, M10)
0212	20228201	GRILLE-FAN (M1, M2, M3)
0212	20228301	GRILLE-FAN (M4, M5, M6, M7, M8, M9, M10)
0222	10584318	MOTOR-COND (M4, M5, M6, M7, M8, M9, M10)
0222	20181701	MOTOR-COND (M1, M2)
0222	20181702	MOTOR-COND (M3)
0242	M0295403	NUT-ACORN
0322	M0229130	SCREW-SD (QTY AR)
0332	20164001	GASKET-CONT PANEL
0342	10625718	FAN-COND (M3)
0342	10625719	FAN-COND (M4, M5, M6, M7, M8, M9, M10)
0342	10625720	FAN-COND (M1, M2)
0412	20161701	HANGER-CLIP (M4, M5, M6, M7, M8, M9, M10) (QTY AR)
0422	M0229303	SCREW-SM (QTY AR)

**Ref. Part**

**No: No: Description:**

**Expanded Model and Color Nomenclature**

M1 - VCA18B2A	P1221301C
M2 - VCA24B2A	P1221302C
M3 - VCA30B2A	P1221303C
M4 - VCA42B2A	P1221307C
M5 - VCA36B2A	P1221314C
M6 - VCA36B3A	P1221315C
M7 - VCA48B2A	P1221316C
M8 - VCA48B3A	P1221317C
M9 - VCA60B2A	P1221318C
M10 - VCA60B3A	P1221319C

# Tubing

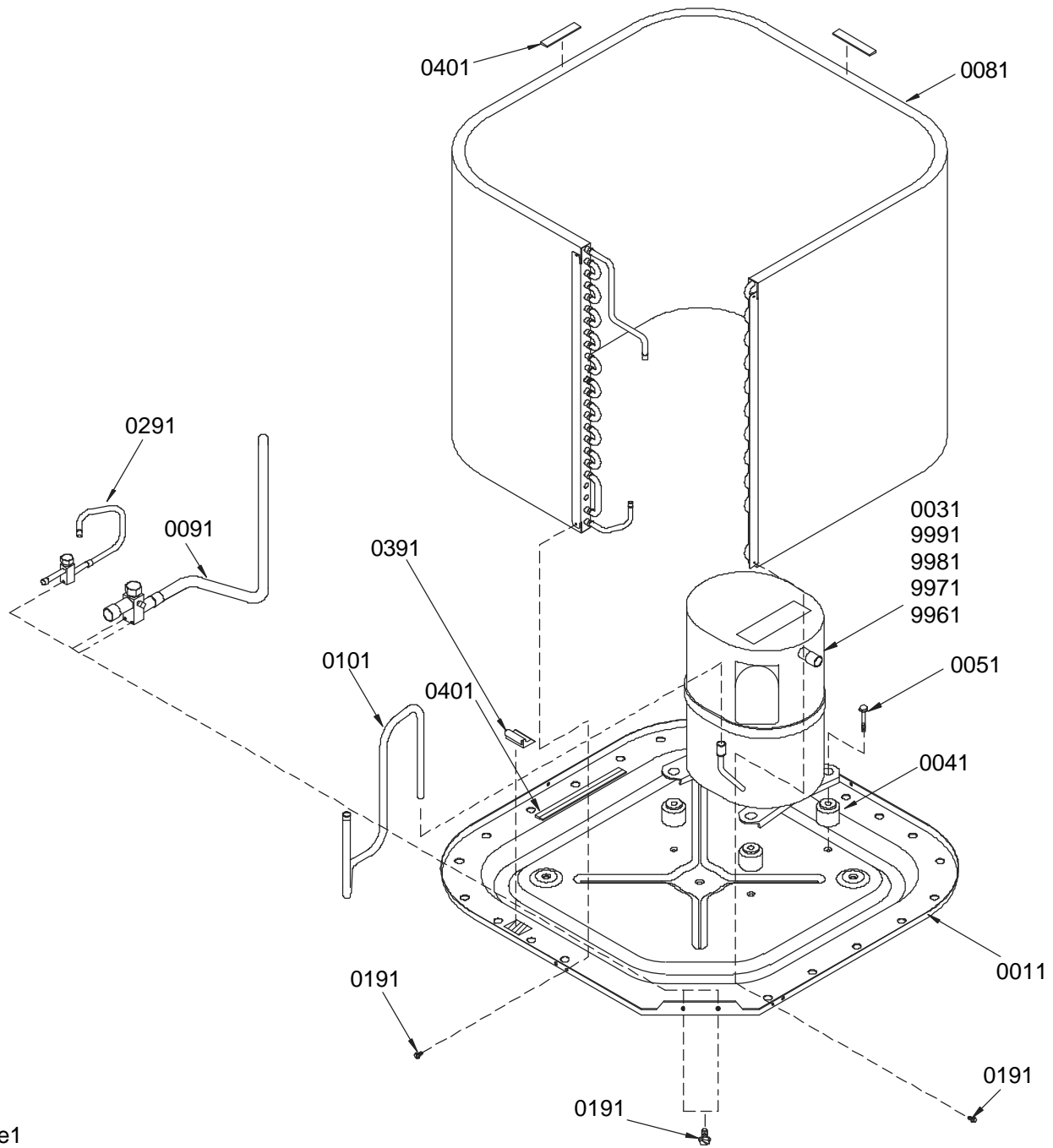


Image1

Image2

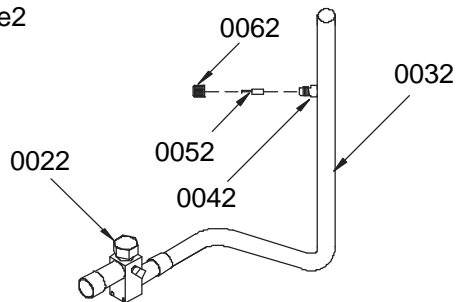
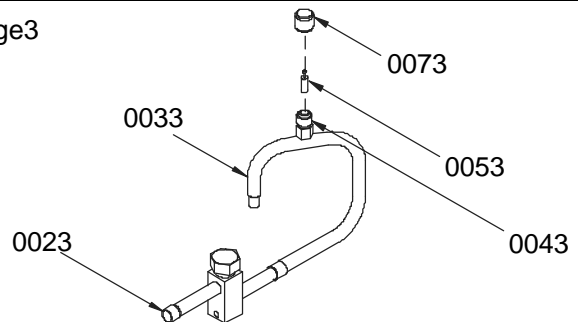


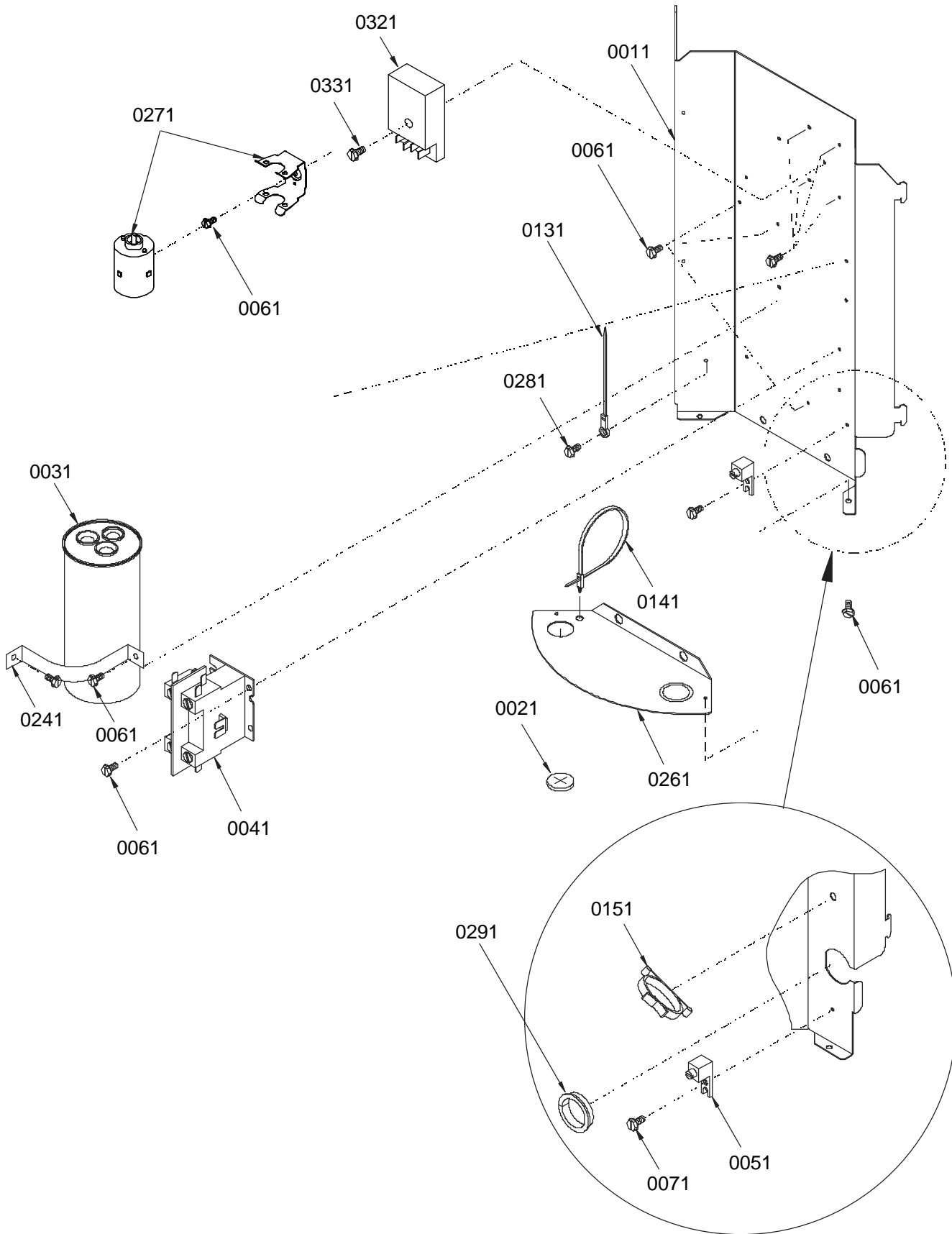
Image3



# Tubing

Ref Part No:	Description:	Ref. Part No:	Description:
<i>Image 1:</i>		0032 20230101	TUBE-SUCTION (M5)
0011 20159902	BASEPAN (M1, M2, M3)	0032 20230102	TUBE-SUCTION (M6)
0011 20160002	BASEPAN (M4, M5, M6, M7, M8, M9, M10)	0042 A4692702	VALVE-DILL (M6, M8, M10)
0031 10679713	COMP-TC AVB5538EXN (M4)	0052 A4692801	VALVE-CORE (M6, M8, M10)
0031 10679722	COMP-TC AVD5545EXN (M7)	0062 A4692602	NUT-CAP (M6, M8, M10)
0031 10679711	COMP-TC AVD5545EXT (M8)	<i>Image 3:</i>	
0031 10679724	COMP-TC AVD5558EXN (M9)	0023 20163801	VALVE-SERVICE
0031 10679725	COMP-TC AVD5558EXT (M10)	0033 20210202	TUBE-LIQ SVLV (M1, M2, M3, M4, M5, M7, M9)
0031 10611917	COMP-TC AWF5516EXN (M1)	0033 20210204	TUBE-LIQ SVLV (M6, M8, M10)
0031 10611919	COMP-TC AWF5522EXN (M2)	0043 A4692702	VALVE-DILL (M6, M8, M10)
0031 10611921	COMP-TC AWF5528EXN (M3)	0053 A4692801	VALVE-CORE (M6, M8, M10)
0031 10611923	COMP-TC AWF5532EXN (M5)	0073 A4692602	NUT-CAP (M6, M8, M10)
0031 10611927	COMP-TC AWF5532EXT (M6)	<b>Expanded Model and Color Nomenclature</b>	
0041 C6466001	GROMMET-COMP (M4, M7, M8, M9, M10) (QTY 4)	M1 - VCA18B2A	P1221301C
0041 B1315401	GROMMET-COMP FOOT (M1, M2, M3, M5, M6) (QTY AR)	M2 - VCA24B2A	P1221302C
0051 M0221641	SCREW-SHOULDER TF (QTY 4)	M3 - VCA30B2A	P1221303C
0081 20178803	COND ASSY (M1)	M4 - VCA42B2A	P1221307C
0081 20178903	COND ASSY (M2)	M5 - VCA36B2A	P1221314C
0081 20180203	COND ASSY (M4, M5, M6)	M6 - VCA36B3A	P1221315C
0081 20180707	COND ASSY (M3)	M7 - VCA48B2A	P1221316C
0081 20209003	COND ASSY (M7, M8, M9, M10)	M8 - VCA48B3A	P1221317C
0091 20180402	SUCTION TUBE ASSY (M3)	M9 - VCA60B2A	P1221318C
0091 20180403	SUCTION TUBE ASSY (M4, M7, M9)	M10 - VCA60B3A	P1221319C
0091 20180405	SUCTION TUBE ASSY (M5)		
0091 20180406	SUCTION TUBE ASSY (M6)		
0091 20180407	SUCTION TUBE ASSY (M1, M2)		
0091 20180408	SUCTION TUBE ASSY (M8, M10)		
0101 10799804	TUBE-DISCH (M5, M6)		
0101 20038203	TUBE-DISCHARGE (M1, M2, M3)		
0101 20210301	TUBE-DISCHARGE (M4)		
0101 20233702	TUBE-DISCHARGE (M7, M8, M9, M10)		
0191 M0220816	SCREW-SM (QTY AR)		
0291 20210402	LIQUID VALVE WELD (M1, M2, M3, M4, M5, M7, M9)		
0291 20210404	LIQUID VALVE WELD (M6, M8, M10)		
0391 20206601	SUPPORT-COIL (M1, M2, M3, M4, M5, M6) (QTY AR)		
0401 10839819	GASKET-FOAM (QTY AR)		
9961 B1349201	STRAP-BALE (M8)		
9971 A3430201	RETAINER-HEATER (M8)		
9981 B1349301	GASKET-TERM BOX (M8)		
9991 C6304901	COVER-TERM BOX (M8)		
<i>Image 2:</i>			
0022 20163902	VALVE-SERVICE 3/4 (M3, M5, M6)		
0022 20163901	VALVE-SERVICE 5/8 (M1, M2)		
0022 20163903	VALVE-SERVICE 7/8 (M4, M7, M8, M9, M10)		
0032 20177502	TUBE-SUCTION (M1, M2)		
0032 20180801	TUBE-SUCTION (M3)		
0032 20181201	TUBE-SUCTION (M4, M7, M9)		
0032 20181202	TUBE-SUCTION (M8, M10)		

# Control Box



# Control Box

Ref Part No:	Description:	Ref. Part No:	Description:
<i>Image 1:</i>			
0011 20187204	PANEL-CONTROL (14.5) (M1, M2)		
0011 20187304	PANEL-CONTROL (16.5) (M3, M4, M5, M6, M7, M8, M9, M10)		
0021 A4603801	GROMMET		
0031 D6879752	CAPACITOR (M6, M8, M10)		
0031 D6789029	CAPACITOR-DUAL (M4)		
0031 D6789031	CAPACITOR-METAL (M3, M5)		
0031 D6789047	CAPACITOR-METAL (M9)		
0031 D6789043	CAPACITOR-POLY (M7)		
0031 D6789050	CAPACITOR-POLY (M1, M2)		
0041 C6170004	CONTACTOR-25A (M1, M2, M3, M4, M5, M7)		
0041 C6333501	CONTACTOR-25A (M6, M8, M10)		
0041 C6170003	CONTACTOR-35A (M9)		
0051 A9015203	LUG-GROUND		
0061 M0216515	SCREW-SM (QTY AR)		
0071 M0216529	SCREW-SM		
0131 M0280301	TIE-ELECTRICAL		
0141 M0322201	TIE-ELEC		
0151 M0118702	CLIP-GUIDE		
0241 A4055402	STRAP-CAPACITOR (M6, M8, M10)		
0241 C6300508	STRAP-CAPACITOR (M1, M2)		
0241 C6300513	STRAP-CAPACITOR (M3, M4, M5, M7, M9)		
0261 20161101	BOTTOM-CNTRL PNL		
0271 11154402	PTCR-START DEVICE (M7, M9)		
0281 M0216517	SCREW-SM		
0291 A4554807	BUSHING-SNAP		
0321 C6415502	PROTECTOR-CYCLE (M7, M9)		
0331 M0216521	SCREW-SM (M7, M9)		

## Expanded Model and Color Nomenclature

M1 - VCA18B2A	P1221301C
M2 - VCA24B2A	P1221302C
M3 - VCA30B2A	P1221303C
M4 - VCA42B2A	P1221307C
M5 - VCA36B2A	P1221314C
M6 - VCA36B3A	P1221315C
M7 - VCA48B2A	P1221316C
M8 - VCA48B3A	P1221317C
M9 - VCA60B2A	P1221318C
M10 - VCA60B3A	P1221319C