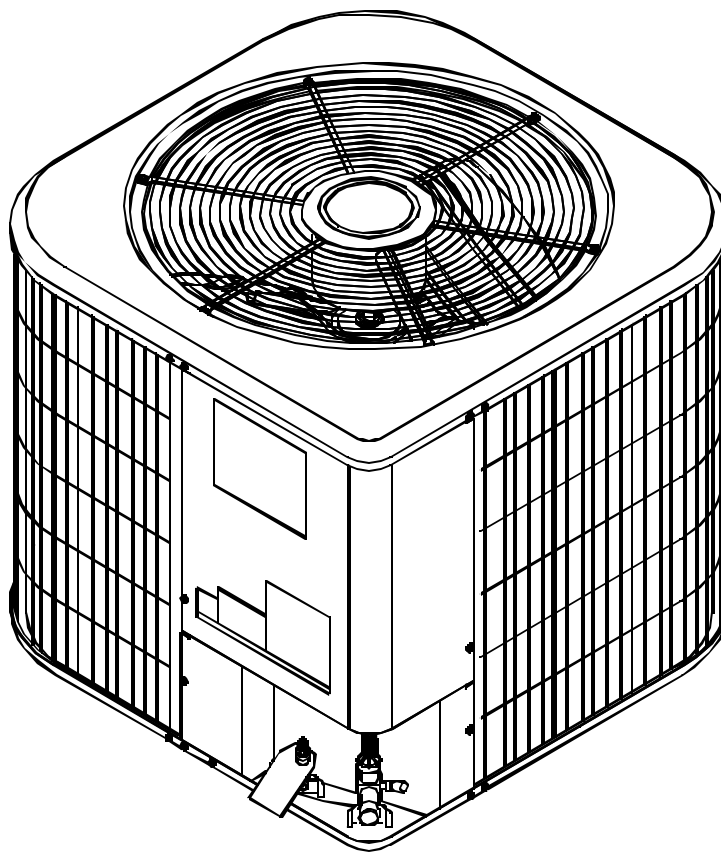


Models and manufacturing
numbers in this manual

RCC18C2A	P1247901C
RCC24C2A	P1247902C
RCC30C2A	P1247903C
RCC36C2A	P1247904C
RCC42C2A	P1247905C
RCC48C2A	P1247906C
RCC60C2A	P1247907C

Service Parts

RCC*C2A 12 SEER Remote Condensing Units



This manual is to be used by
qualified appliance technicians only.

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Heating & Air Conditioning
Comfort. Quality. Trust.

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RP6112004
Revision 0
May 2003

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
Goodman Company, L.P.
7401 Security Way
Houston, Texas 77040
877-254-4729-Telephone
713-863-2382-Facsimile

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

International Division
Goodman Company, L.P.
7401 Security Way
Houston, Texas 77040
713-861-2500-Telephone
713-863-2382-Facsimile

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Functional Parts List	4 - 5
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Views shown are for parts illustrations only, not servicing procedures.

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:

D6789024	CAPACITOR-DUAL (M3)
D6789047	CAPACITOR-METAL (M6, M7)
D6789031	CAPACITOR-METAL (M4)
D6789049	CAPACITOR-POLY (M1, M2)
D6789045	CAPACITOR-POLY (M5)
20412601	COMP-CP ZR18K4-PFV (M1)
B9266390	COMP-CP ZR22K4-PFV (M2)
11012507	COMP-CP ZR26K3-PFV (M3)
11012510	COMP-CP ZR30K3-PFV (M4)
11012502	COMP-CP ZR40K3 (M5)
B9266352	COMP-CP ZR42K3 PFV (M6)
10289208	COMP-CP ZR57K3-PFV (M7)
20447001	CONDENSING ASSY-PPNT (M5, M6)
20442001	CONDENSING ASSY-PPNT (M1)
20444001	CONDENSING ASSY-PPNT (M2)
20446601	CONDENSING ASSY-PPNT (M4)
20448101	CONDENSING ASSY-PPNT (M7)
20446201	CONDENSING ASSY-PPNT (M3)
10625703	FAN-CONDENSER (M1, M2)
10625705	FAN-CONDENSER (M4)
10625704	FAN-CONDENSER (M5, M6)
10625707	FAN-CONDENSER (M7)
10625721	FAN-CONDENSER (M3)
10686508	HARNESS-COMP (M1, M2, M3)
10686509	HARNESS-COMP (M4)
20430201	HARNESS-COMP (M5, M6)
20430101	HARNESS-COMP (M7)
B1360713	HIGH PRESS. SWITCH C
B1360717	LO PRESS SW CP18-60C
10584313	MOTOR-COND (M7)
10584307	MOTOR-COND (M1, M2, M3, M4)
10584308	MOTOR-COND (M5, M6)
20272602	PISTON 0550 BAG ASSY (M1, M2)
20272604	PISTON 0630 BAG ASSY (M3)
20272605	PISTON 0689 BAG ASSY (M4)
20272607	PISTON 0760 BAG ASSY (M5)
20272608	PISTON 0846 BAG ASSY (M6)
20272609	PISTON 0925 BAG ASSY (M7)
B1443812	RESTRICTOR 054 (M1)
B1443824	RESTRICTOR 055 (M2)
B1443811	RESTRICTOR 063 (M3)
B1443808	RESTRICTOR 069 (M4)
B1443817	RESTRICTOR 076 (M5)
B1443805	RESTRICTOR 084 (M6)
B1443810	RESTRICTOR 092 (M7)

Functional Parts

Part

No: Description:

SPECIAL PARTS

10652423	MANUAL-INSTAL
10659202	MANUAL-OWNERS
RP6112004	PARTS MANUAL
20451208	RCC18C2A SPEC SHT (M1)
20451209	RCC24C2A SPEC SHT (M2)
20451210	RCC30C2A SPEC SHT (M3)
20451211	RCC36C2A SPEC SHT (M4)
20451212	RCC42C2A SPEC SHT (M5)
20451213	RCC48C2A SPEC SHT (M6)
20451214	RCC60C2A SPEC SHT (M7)
RS6200003	SERVICE MANUAL
RT6112008	TECHNICAL MANUAL
20315606	WARRANTY 5/10 YR CAC

Expanded Model and Color Nomenclature

M1 - RCC18C2A	P1247901C
M2 - RCC24C2A	P1247902C
M3 - RCC30C2A	P1247903C
M4 - RCC36C2A	P1247904C
M5 - RCC42C2A	P1247905C
M6 - RCC48C2A	P1247906C
M7 - RCC60C2A	P1247907C

Control/Cover/Cabinet

Image 1

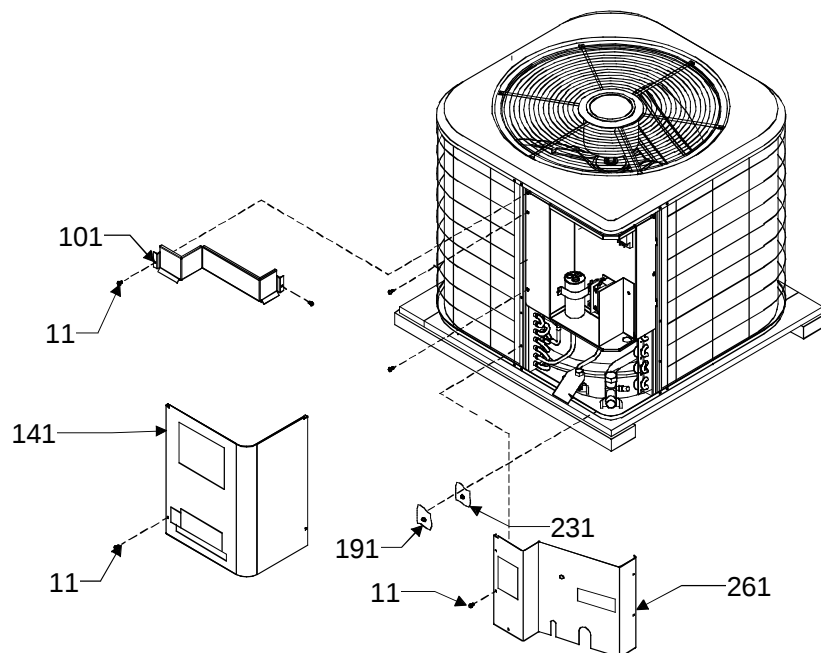
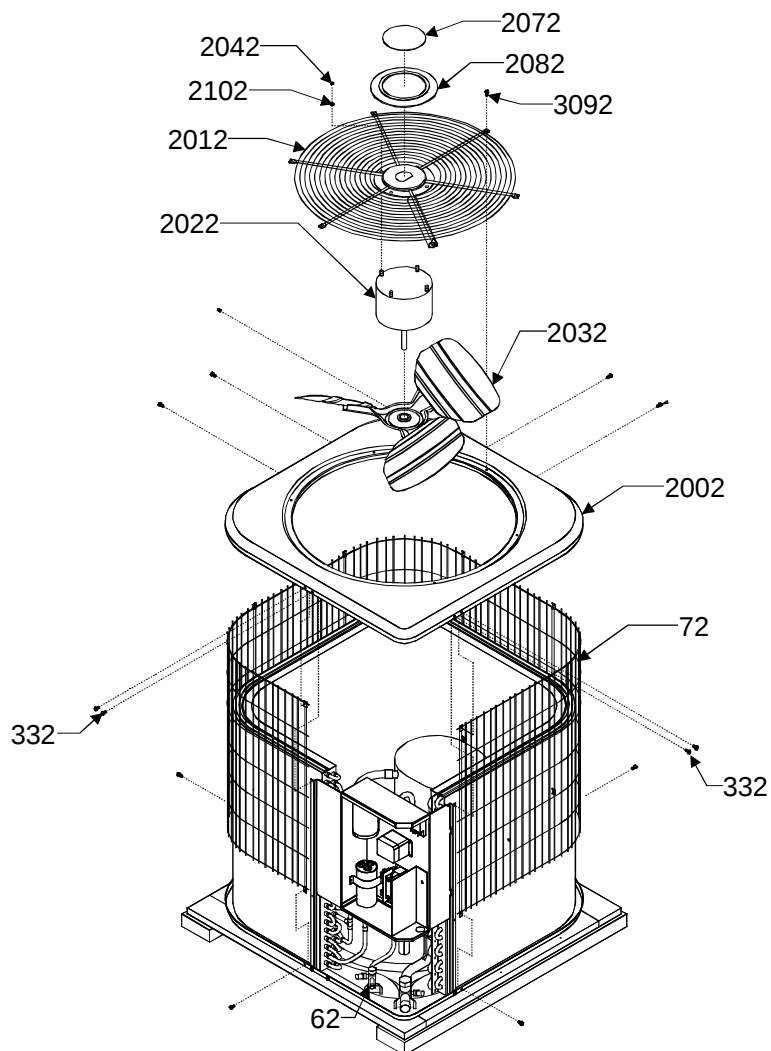


Image 2



Control/Cover/Cabinet

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

0011	M0220816	SCREW-SM (QTY 7)
0101	10597407	FILLER-CONTROL (M5, M6)
0101	10597409	FILLER-CONTROL (M7)
0141	10589917	COVER-CONT (M1, M2, M3, M4)
0141	10589918	COVER-CONT (M5, M6)
0141	10589919	COVER-CONT (M7)
0191	20272602	PISTON 0550 BAG ASSY (M1, M2)
0191	20272604	PISTON 0630 BAG ASSY (M3)
0191	20272605	PISTON 0689 BAG ASSY (M4)
0191	20272607	PISTON 0760 BAG ASSY (M5)
0191	20272608	PISTON 0846 BAG ASSY (M6)
0191	20272609	PISTON 0925 BAG ASSY (M7)
0231	B1443812	RESTRICTOR 054 (M1)
0231	B1443824	RESTRICTOR 055 (M2)
0231	B1443811	RESTRICTOR 063 (M3)
0231	B1443808	RESTRICTOR 069 (M4)
0231	B1443817	RESTRICTOR 076 (M5)
0231	B1443805	RESTRICTOR 084 (M6)
0231	B1443810	RESTRICTOR 092 (M7)
0261	20280004	PANEL-VALVE (M1, M2, M3, M4)
0261	20289707	PANEL-VALVE (M5, M6, M7)
NS	B1219212	FILTER-DRIER (M1, M2, M3, M4, M5)
NS	B1219225	FILTER-DRIER (M6, M7)

Image 2:

0062	20435201	VALVE-SWEAT 3/8
0072	20449301	GRILLE-FORMED (M1, M2, M3)
0072	20449302	GRILLE-FORMED (M4)
0072	20449303	GRILLE-FORMED (M5, M6)
0072	20449304	GRILLE-FORMED (M7)
0332	M0220816	SCREW-SM (QTY 7)
2002	20027902	COVER-PNT TOP (M4, M5, M6)
2002	10576305	COVER-TOP (M7)
2002	10229803	TOP-PREPNT (M1, M2, M3)
2012	20440501	GRILLE-FAN (M1, M2, M3)
2012	20440502	GRILLE-FAN (M4, M5, M6)
2012	20440504	GRILLE-FAN (M7)
2022	10584307	MOTOR-COND (M1, M2, M3, M4)
2022	10584308	MOTOR-COND (M5, M6)
2022	10584313	MOTOR-COND (M7)
2032	10625703	FAN-CONDENSER (M1, M2)
2032	10625704	FAN-CONDENSER (M5, M6)
2032	10625705	FAN-CONDENSER (M4)
2032	10625707	FAN-CONDENSER (M7)
2032	10625721	FAN-CONDENSER (M3)
2042	M0280801	NUT-HEX (QTY 4)
2072	20325002	INSERT-LOGO
2082	10651101	DISK-LOGO
2102	M0272803	WASHER-LOCK (QTY 4)
3092	M0229303	SCREW-SM (QTY 6)

Expanded Model and Color Nomenclature

M1 - RCC18C2A	P1247901C
M2 - RCC24C2A	P1247902C
M3 - RCC30C2A	P1247903C
M4 - RCC36C2A	P1247904C
M5 - RCC42C2A	P1247905C
M6 - RCC48C2A	P1247906C
M7 - RCC60C2A	P1247907C

Compressor/Tubing

Image 1

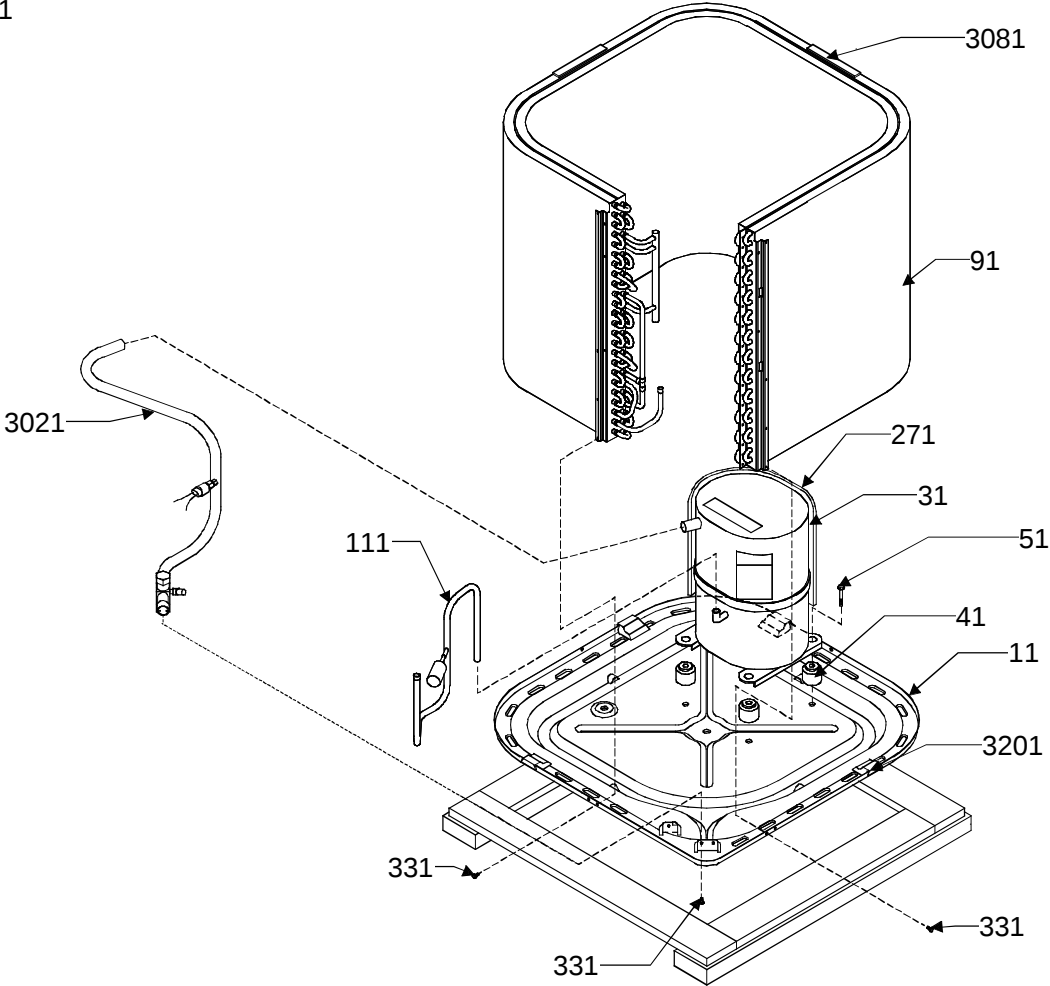


Image 2

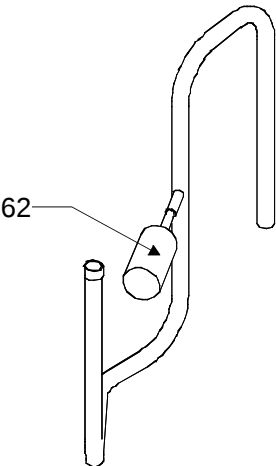
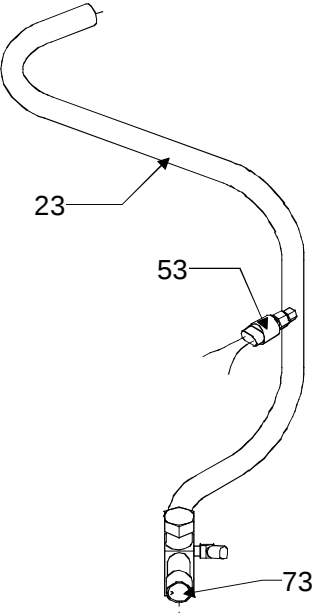


Image 3



Compressor/Tubing

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

0011	10229603	BASEPAN (M1, M2, M3)
0011	10258303	BASEPAN (M4, M5, M6)
0011	10258403	BASEPAN ASSY (M7)
0031	20412601	COMP-CP ZR18K4-PFV (M1)
0031	B9266390	COMP-CP ZR22K4-PFV (M2)
0031	11012507	COMP-CP ZR26K3-PFV (M3)
0031	11012510	COMP-CP ZR30K3-PFV (M4)
0031	11012502	COMP-CP ZR40K3 (M5)
0031	B9266352	COMP-CP ZR42K3 PFV (M6)
0031	10289208	COMP-CP ZR57K3-PFV (M7)
0041	10107301	GROMMET-COMP FOOT (QTY 4)
0051	M0221641	SCREW-SHOULDER TF (QTY 4)
0091	20442001	CONDENSING ASSY-PPNT (M1)
0091	20444001	CONDENSING ASSY-PPNT (M2)
0091	20446201	CONDENSING ASSY-PPNT (M3)
0091	20446601	CONDENSING ASSY-PPNT (M4)
0091	20447001	CONDENSING ASSY-PPNT (M5, M6)
0091	20448101	CONDENSING ASSY-PPNT (M7)
0111	20418301	TUBE-DISCHARGE (M6)
0111	20443601	TUBE-DISCHARGE (M1)
0111	20446001	TUBE-DISCHARGE (M2)
0111	20446501	TUBE-DISCHARGE (M3)
0111	20446901	TUBE-DISCHARGE (M4)
0111	20447301	TUBE-DISCHARGE (M5)
0111	20449101	TUBE-DISCHARGE (M7)
0271	B1488806	COMPRESSOR BLANKET (M7)
0271	B1488807	COMPRESSOR BLANKET (M4, M5, M6)
0271	B1488810	COMPRESSOR BLANKET (M1, M2, M3)
0331	M0220816	SCREW-SM (QTY AR)
3021	20442301	SUCT/SWT WELD (M1)
3021	20445401	SUCT/SWT WELD (M2)
3021	20446301	SUCT/SWT WELD (M3)
3021	20446701	SUCT/SWT WELD (M4)
3021	20447101	SUCT/SWT WELD (M5, M6)
3021	20448501	SUCT/SWT WELD (M7)
3081	10839819	GASKET-.062X.50
3201	20328901	SUPPORT-COIL (QTY 4)

Image 2:

0062	B1360713	HIGH PRESS. SWITCH C
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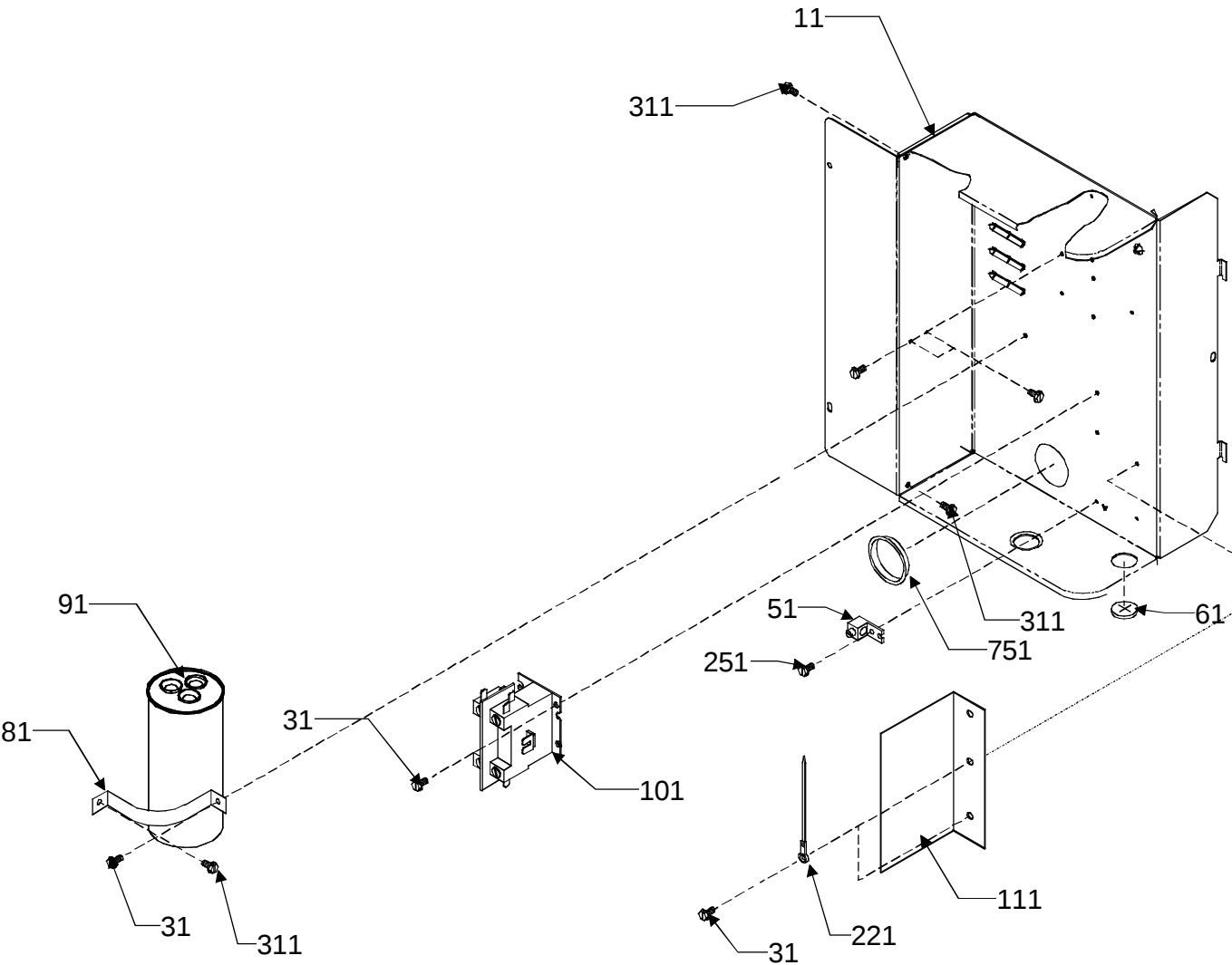
Image 3:

0023	20442401	TUBE-SUCTION (M1)
0023	20445501	TUBE-SUCTION (M2)
0023	20446401	TUBE-SUCTION (M3)
0023	20446801	TUBE-SUCTION (M4)
0023	20447201	TUBE-SUCTION (M5, M6)
0023	20448601	TUBE-SUCTION (M7)
0053	B1360717	LO PRESS SW CP18-60C
0073	20435101	VALVE-SERVICE 5/8 (M1)
0073	20435102	VALVE-SWEAT 3/4 (M2, M3)
0073	20435103	VALVE-SWEAT 7/8 (M4, M5, M6, M7)

Expanded Model and Color Nomenclature

M1 - RCC18C2A	P1247901C
M2 - RCC24C2A	P1247902C
M3 - RCC30C2A	P1247903C
M4 - RCC36C2A	P1247904C
M5 - RCC42C2A	P1247905C
M6 - RCC48C2A	P1247906C
M7 - RCC60C2A	P1247907C

Control Panel



Control Panel

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

0011	11174704	CONTROL BOX-1PC
0031	M0216517	SCREW-SM (QTY AR)
0051	A9015201	LUG-GROUND
0061	A4603801	GROMMET
0081	C6300507	STRAP-CAPACITOR (M1, M2)
0081	C6300508	STRAP-CAPACITOR (M3, M4, M5, M6, M7)
0091	D6789024	CAPACITOR-DUAL (M3)
0091	D6789031	CAPACITOR-METAL (M4)
0091	D6789047	CAPACITOR-METAL (M6, M7)
0091	D6789045	CAPACITOR-POLY (M5)
0091	D6789049	CAPACITOR-POLY (M1, M2)
0101	C6170004	CONTACTOR-25A (M1, M2, M3, M4, M5)
0101	C6170005	CONTACTOR-40A (M6, M7)
0111	11156901	BARRIER-LOW VOLT (M3, M4, M5, M7)
0111	11156901	BARRIER-LOW VOLT (M1, M2, M6)
0221	M0322204	TIE-ELEC (QTY 2)
0251	M0216529	SCREW-SM (QTY AR)
0311	M0216515	SCREW-SM (QTY 4)
0751	A4554807	BUSHING-SNAP

Expanded Model and Color Nomenclature

M1 - RCC18C2A	P1247901C
M2 - RCC24C2A	P1247902C
M3 - RCC30C2A	P1247903C
M4 - RCC36C2A	P1247904C
M5 - RCC42C2A	P1247905C
M6 - RCC48C2A	P1247906C
M7 - RCC60C2A	P1247907C