

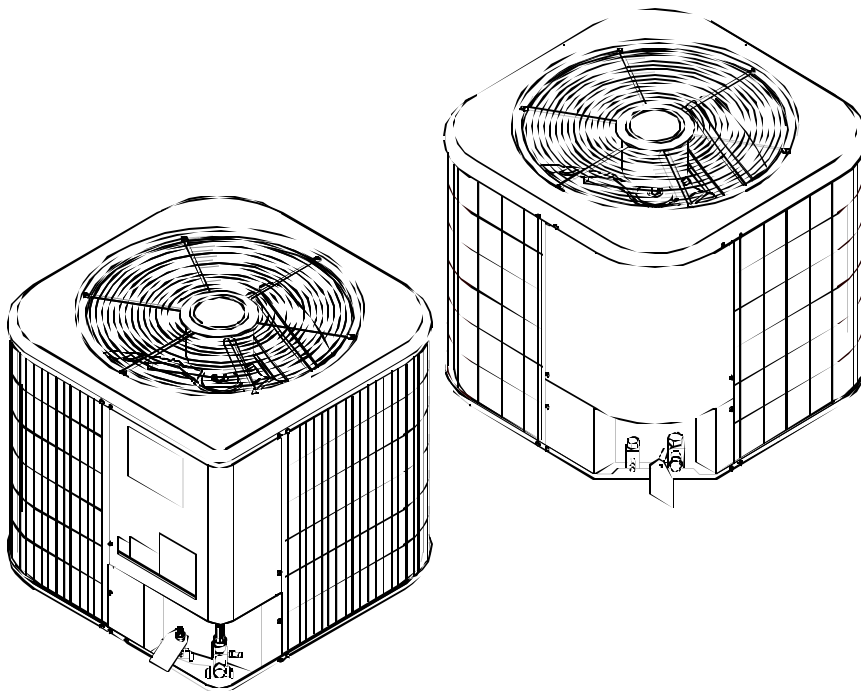
Models and manufacturing
numbers in this manual

RCC18C2B	P1256201C
RCC24C2B	P1256202C
RCC30C2B	P1256203C
RCC42C2B	P1247909C
RCC48C2B	P1247910C

Service Parts

RCC*C2B 12 SEER Remote Condensing Unit

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



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RP6112007
Revision 0
April 2004

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Important Information

Goodman Company, L.P. 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, Goodman Company, L.P. 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 5

Illustration and Parts 6 - 13

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 Nomenclature:

Example	
M1 - Model#1	P _____
M2 - Model#2	P _____
M3 - Model#3	P _____

Functional Parts

Part

No: Description:

B94575300	CAPACITOR 35/5/370 (M3, M4, M5)
B94577400	CAPACITOR 50/5/370 (M1)
B94577500	CAPACITOR 60/5/370 (M2)
ZR18K4PFV930	COMPRESSOR ZR18K4-PFV-230 (M3) Old Part # 20412601
ZR22K4PFV930	COMPRESSOR ZR22K4-PFV-230 (M4) Old Part # 20412602
ZR24K4PFV930	COMPRESSOR ZR24K4-PFV-230 (M5) Old Part #20412603
ZR36K3PFV930	COMPRESSOR ZR36K3-PFV-230 (M1) Old Part # 11012505
ZR42K3PFV930	COMPRESSOR ZR42K3-PFV-230 (M2) Old Part # B9266352
20426103	CONDENSING ASSY (M3)
20426203	CONDENSING ASSY (M4)
20424803	CONDENSING ASSY (M5)
11163806	CONDENSING ASSY (M1, M2)
B1086750	FAN BLADE, 22", 3 BLADE, 24 DEG (M1, M2)
B1086756	FAN BLADE,18", 3 BLADE, 29 DEG (M3, M4, M5)
10651517	HARNESS-COMP (M3, M4, M5)
20462507	HARNESS-COMP (M1, M2)
B1360713	HIGH PRESSURE SWITCH
B1360717	LOW PRES SW. CP18-60
B13400247	MOTOR, 1/4 HP, 230V (M1, M2)
B13400252	MOTOR, 1/6HP, 230V, (M3, M4, M5)
20272613	PISTON 0530 BAG ASSY (M3)
20272622	PISTON 0610 BAG ASSY (M4)
20272604	PISTON 0630 BAG ASSY (M5)
20272617	PISTON 078 BAG ASSY (M1)
20272614	PISTON 0820 BAG ASSY (M2)

SPECIAL PARTS

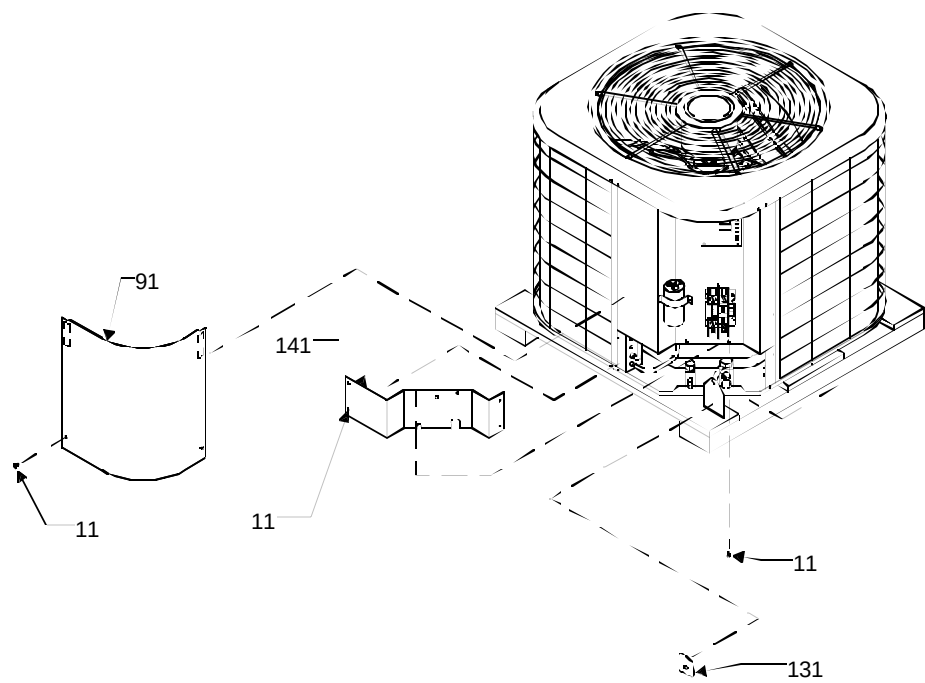
20490505S	CERT-WARRANTY AMANA
10652423S	MANUAL-INSTALL
10659202S	MANUAL-OWNERS
RP6112007	REPAIR PARTS MANUAL
RS6200003	SERVICE MANUAL

Expanded Model Nomenclature

M1 - RCC42C2B	P1247909C
M2 - RCC48C2B	P1247910C
M3 - RCC18C2B	P1256201C
M4 - RCC24C2B	P1256202C
M5 - RCC30C2B	P1256203C

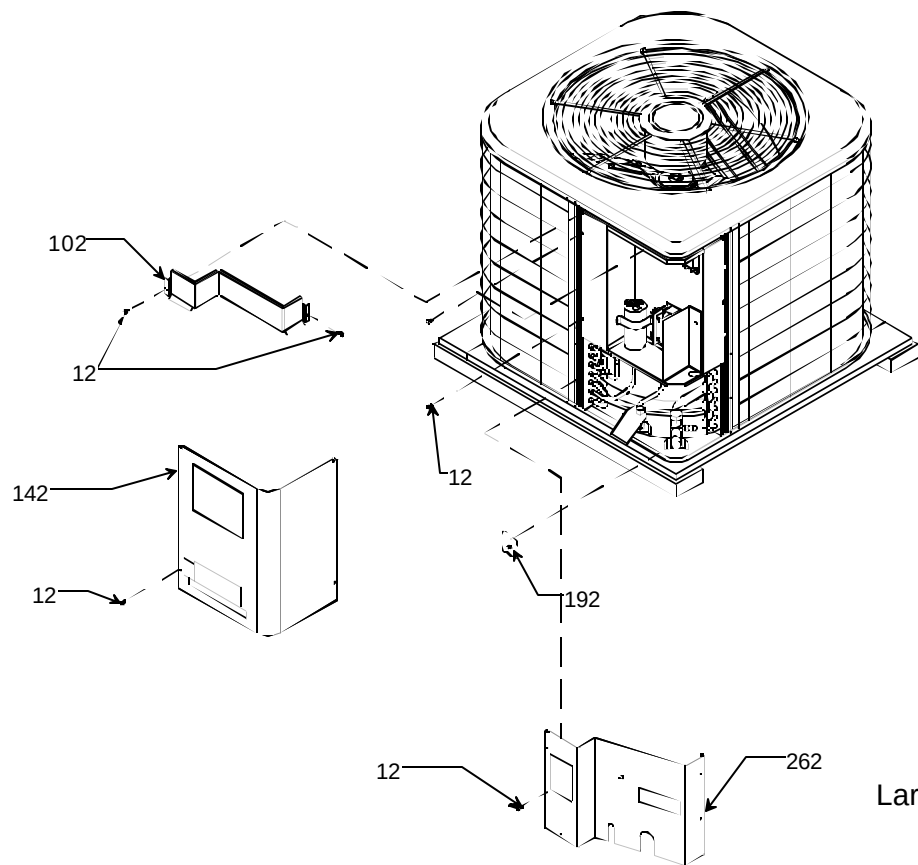
Control/Cover

Image 1



Small Chassis

Image 2



Large Chassis

Control/Cover

Ref. Part

No: No: Description:

Ref. Part

No: No: Description:

Image 1:

11	M0229303	SCREW-SM (QTY AR)
91	20160405	COVER-BENT CONTROL (M5)
91	20160406	COVER-BENT CONTROL (M3, M4)
131	20272613	PISTON 0530 BAG ASSY (M3)
131	20272622	PISTON 0610 BAG ASSY (M4)
131	20272604	PISTON 0630 BAG ASSY (M5)
141	20160209	PANEL-SRVC VLV (M3)
141	20160210	PANEL-SRVC VLV (M4)
141	20160211	PANEL-SRVC VLV (M5)

Image 2:

12	M0229303	SCREW-SM (QTY AR)
102	10597408	FILLER-CONTROL (M1, M2)
142	10589920	COVER-CONTROL (M1, M2)
192	20272617	PISTON 078 BAG ASSY (M1)
192	20272614	PISTON 0820 BAG ASSY (M2)
262	20289710	PANEL-SRVC VLV (M1, M2)

Expanded Model Nomenclature

M1 - RCC42C2B	P1247909C
M2 - RCC48C2B	P1247910C
M3 - RCC18C2B	P1256201C
M4 - RCC24C2B	P1256202C
M5 - RCC30C2B	P1256203C

Condensor/Tubing

IMAGE 1

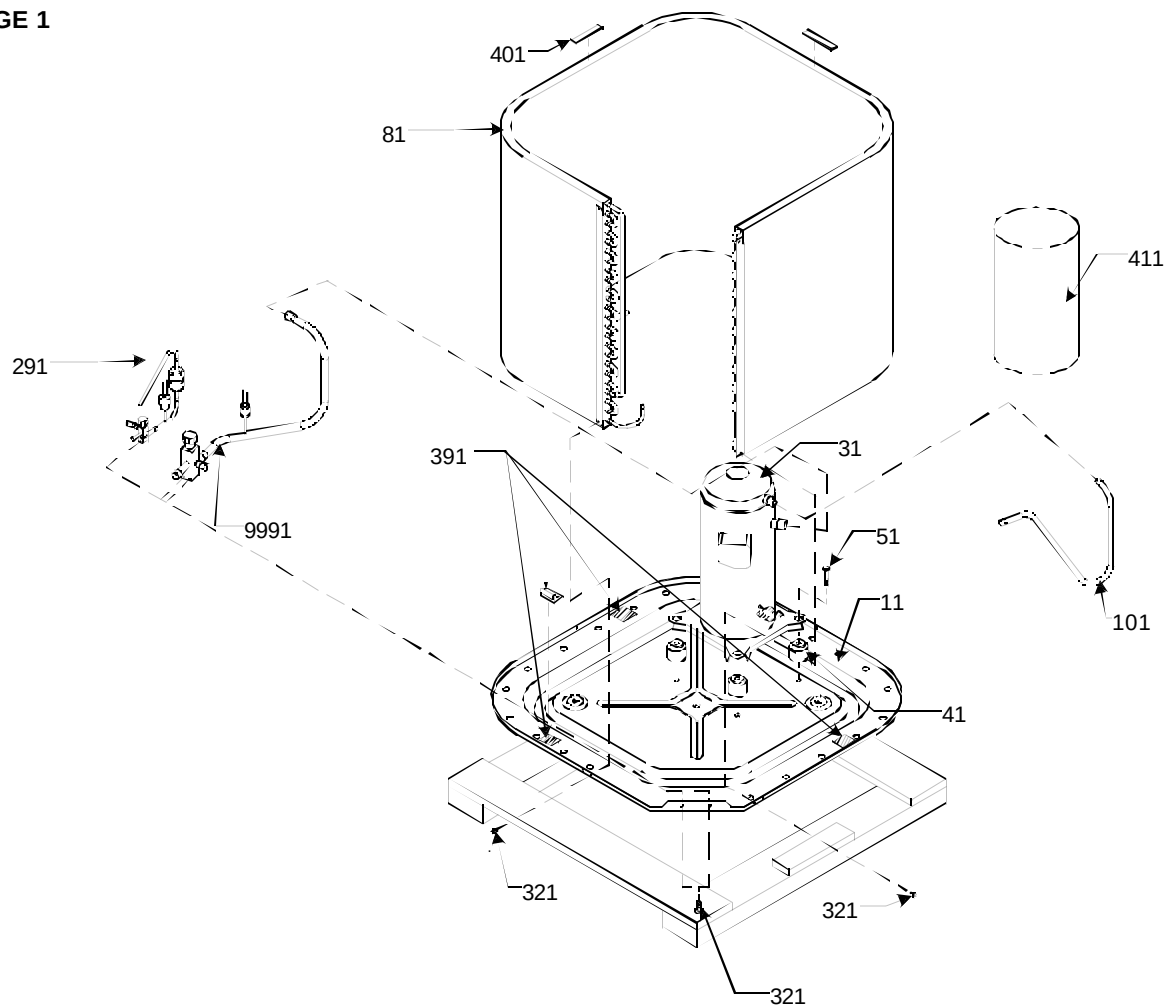


IMAGE 2

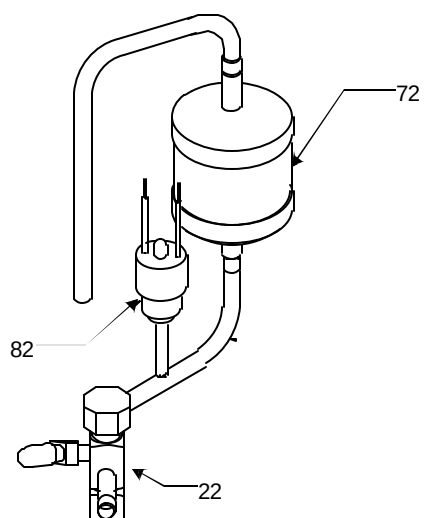
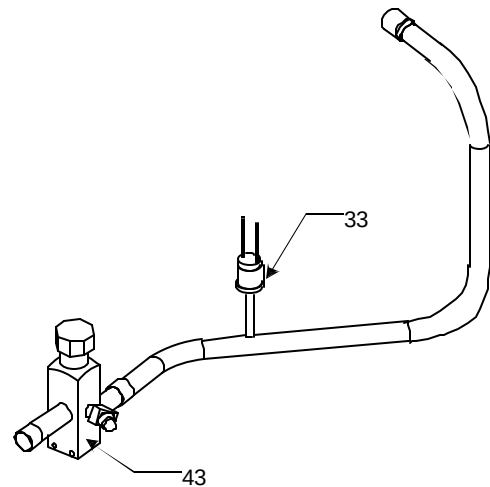


IMAGE 3



Condensor/Tubing

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

11	10258304	BASEPAN (M1, M2, M5)
11	20159903	BASEPAN (M3, M4)
31	ZR18K4PFV930	COMPRESSOR ZR18K4-PFV-230 (M3) Old Part # 20412601
31	ZR22K4PFV930	COMPRESSOR ZR22K4-PFV-230 (M4) Old Part # 20412602
31	ZR24K4PFV930	COMPRESSOR ZR24K4-PFV-230 (M5) Old Part #20412603
31	ZR36K3PFV930	COMPRESSOR ZR36K3-PFV-230 (M1) Old Part # 11012505
31	ZR42K3PFV930	COMPRESSOR ZR42K3-PFV-230 (M2) Old Part # B9266352
41	10107301	GROMMET-COMP FOOT (QTY 4)
51	M0221641	SCREW-SHOULDER TF (QTY 4)
81	11163806	CONDENSING ASSY (M1, M2)
81	20424803	CONDENSING ASSY (M5)
81	20426103	CONDENSING ASSY (M3)
81	20426203	CONDENSING ASSY (M4)
101	20513301	TUBE-DISCHARGE (M1)
101	20513302	TUBE-DISCHARGE (M2)
101	20523402	TUBE-DISCHARGE (M5)
101	20524401	TUBE-DISCHARGE (M3)
101	20524402	TUBE-DISCHARGE (M4)
291	20422705	TUBE WELD-LVLV (M1, M2)
291	20521204	TUBE WELD-LVLV (M3, M4, M5)
321	M0229303	SCREW-SM (M4, M5)
321	M0229303	SCREW-SM (M1, M2, M3)
391	20206601	SUPPORT-COIL (M3, M4, M5)
391	20328901	SUPPORT-COIL (M1, M2)
401	10839819	GASKET-.062X.50
411	B1488807	COMPRESSOR SOUND BLANKET (M1, M2)
411	B1488810	COMPRESSOR SOUND BLANKET (M3, M4, M5)
999	20446701	SUCT/SWT WELD (M1)
999	20447101	SUCT/SWT WELD (M2)
999	20524601	TUBE WELD-SUCT (M3)
999	20524602	TUBE WELD-SUCT (M4, M5)

Image 2:

22	20163801	VALVE-SERVICE 3/8
72	B1219212	SINGLE-FLOW FILTER (M3, M4, M5)
72	B1219225	SINGLE-FLOW FILTER (M1, M2)
82	B1360713	HIGH PRESSURE SWITCH

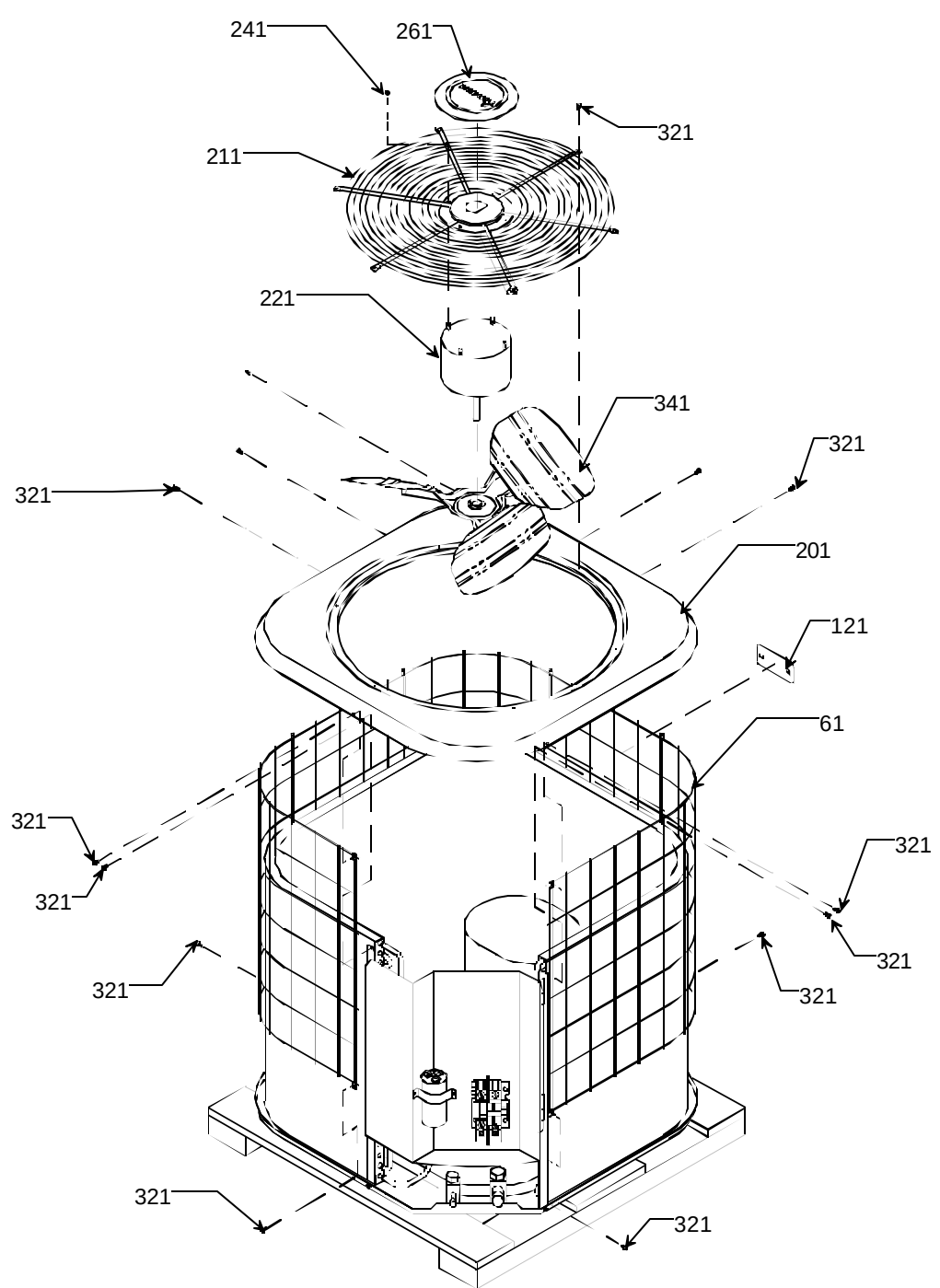
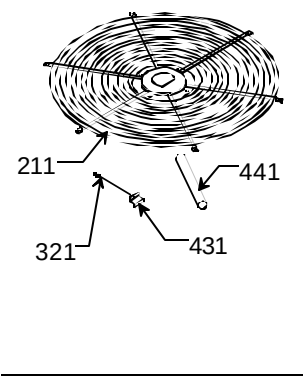
Image 3:

33	B1360717	LOW PRES SW. CP18-60
43	20163902	VALVE-SERVICE 3/4 (M4, M5)
43	20163901	VALVE-SERVICE 5/8 (M3)
43	20163903	VALVE-SERVICE 7/8 (M1, M2)

Expanded Model Nomenclature

M1 - RCC42C2B	P1247909C
M2 - RCC48C2B	P1247910C
M3 - RCC18C2B	P1256201C
M4 - RCC24C2B	P1256202C
M5 - RCC30C2B	P1256203C

Outer Cabinet/Fan



Outer Cabinet/Fan

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

61	20440002	GRILLE-FORMED (M4)
61	20449305	GRILLE-FORMED (M1, M2)
61	20449307	GRILLE-FORMED (M3)
61	20449308	GRILLE-FORMED (M5)
121	20187902	NAME PLATE, AMANA
201	10576104	TOP (M1, M2)
201	20160503	TOP (M3, M4, M5)
211	20515001	GRILLE-FAN (M3, M4, M5)
211	20515002	GRILLE-FAN (M1, M2)
221	B13400247	MOTOR, 1/4 HP, 230V (M1, M2)
221	B13400252	MOTOR, 1/6HP, 230V, (M3, M4, M5)
241	B1783803	NUT, ACORN (5/16 HEX) (QTY 4)
261	10651101	DISK-LOGO (M1, M2)
261	20164301	DISK-LOGO CL (M3, M4, M5)
321	M0229303	SCREW-SM (QTY AR)
341	B1086750	FAN BLADE, 22", 3 BLADE, 24 DEG (M1, M2)
341	B1086756	FAN BLADE,18", 3 BLADE, 29 DEG (M3, M4, M5)
431	20515601	CLIP-CONDUIT
441	20362407	TUBE-PVC BLACK (M1, M2)
441	20362408	TUBE-PVC BLACK (M3, M4, M5)

Expanded Model Nomenclature

M1 - RCC42C2B	P1247909C
M2 - RCC48C2B	P1247910C
M3 - RCC18C2B	P1256201C
M4 - RCC24C2B	P1256202C
M5 - RCC30C2B	P1256203C

Control Panel

Image 1

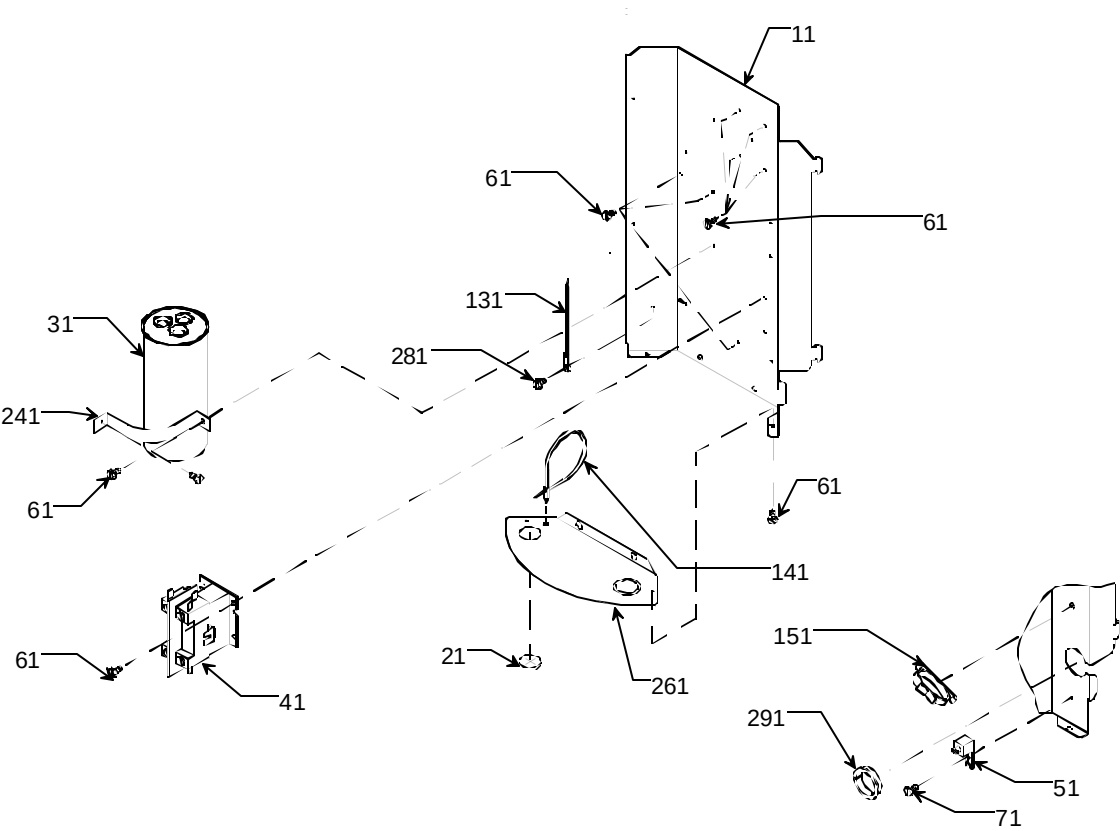
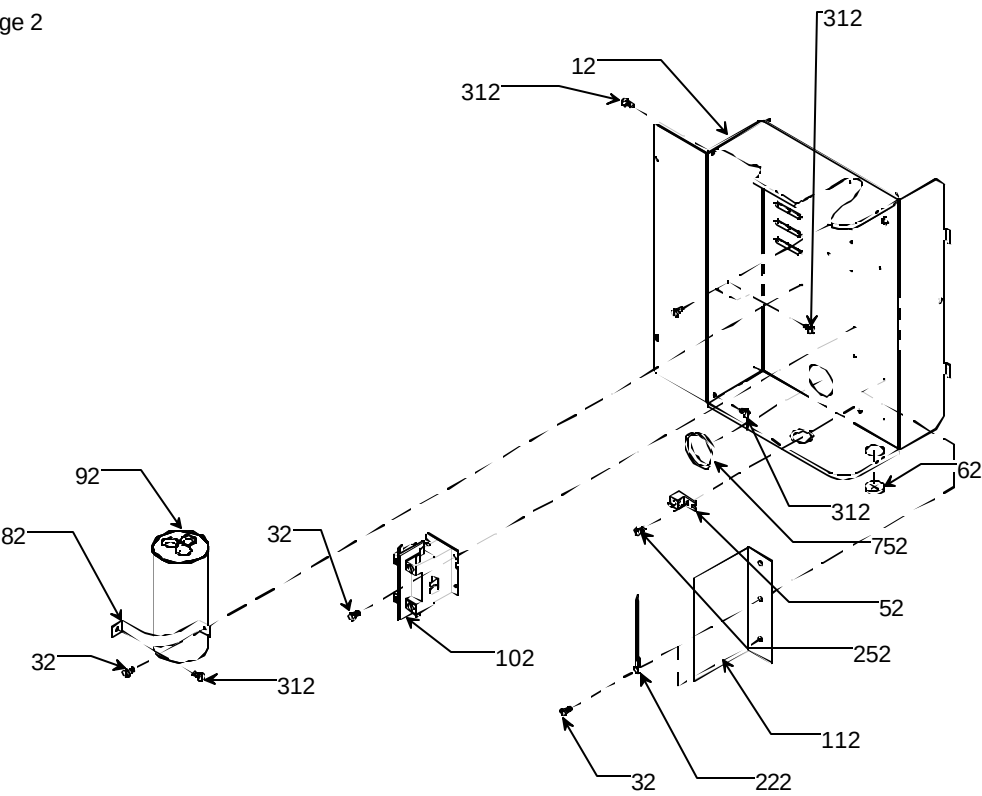


Image 2



Control Panel

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

11	20187204	PANEL-CONT 14.5 (M5)
11	20187304	PANEL-CONT 16.5 (M3, M4)
21	A4603801	GROMMET (M1, M2, M3)
31	B94575300	CAPACITOR 35/5/370 (M3, M4, M5)
41	B1360321	CONTACTOR, 25FLA, 125 (M1, M3)
51	A9015201	LUG-GROUND
61	M0216515	SCREW-SM (M1, M2, M3)
71	M0216529	SCREW-SM (M1, M2, M3)
131	M0322204	TIE-ELEC (M1, M2, M3)
141	M0322201	TIE-ELEC
141	M0321202	TIE-ELEC LG (M1, M2)
151	M0118702	CLIP-GUIDE
241	20520901	STRAP-CAPACITOR (M1, M2, M3)
261	20161101	BOTTOM-CNTRL PNL
281	M0216517	SCREW-SM
291	A4554807	BUSHING-SNAP (M1, M2, M3)

Image 2:

12	11174704	CONTROL BOX-1PC (M1, M2)
32	M0216517	SCREW-SM (M4, M5)
52	A9015201	LUG-GROUND
62	A4603801	GROMMET (M4, M5)
82	20520901	STRAP-CAPACITOR (M4, M5)
92	B94577400	CAPACITOR 50/5/370 (M1)
92	B94577500	CAPACITOR 60/5/370 (M2)
102	B1360321	CONTACTOR, 25FLA,125 (M4, M5)
102	C6170005	CONTACTOR-40A (M2)
112	11156901	BARRIER-LOW VOLT (M2)
112	20521001	BARRIER-LOW VOLTAGE (M1)
222	M0322204	TIE-ELEC (M4, M5)
252	M0216529	SCREW-SM (M4, M5)
312	M0216515	SCREW-SM (M4, M5)
752	A4554807	BUSHING-SNAP (M4, M5)

Expanded Model Nomenclature

M1 - RCC42C2B	P1247909C
M2 - RCC48C2B	P1247910C
M3 - RCC18C2B	P1256201C
M4 - RCC24C2B	P1256202C
M5 - RCC30C2B	P1256203C