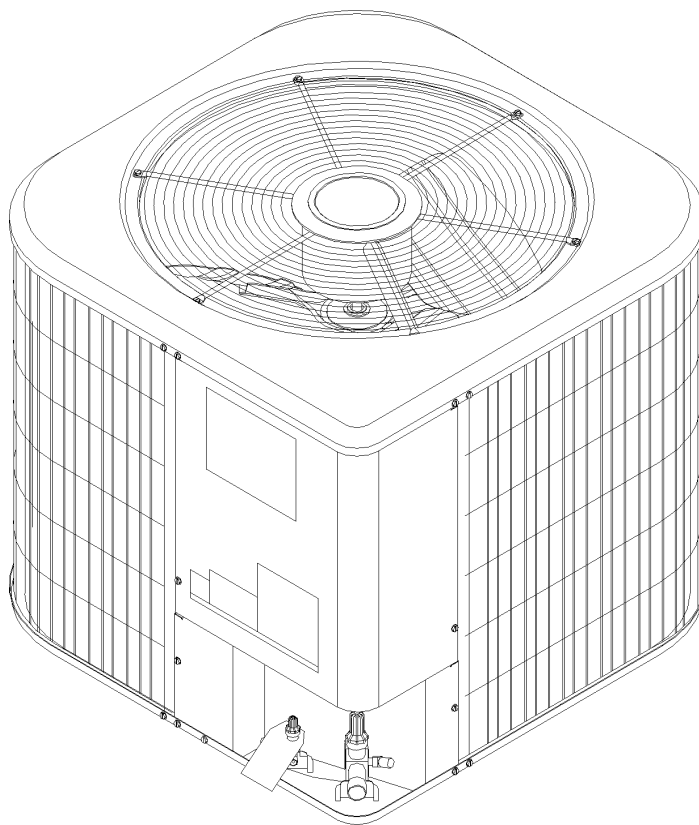


VHA*C2C 10 SEER Remote Heat Pump Units

VHA18C2C P1246308C
VHA24C2C P1246309C
VHA30C2C P1246310C
VHA36C2C P1246408C
VHA42C2C P1246409C
VHA48C2C P1246410C
VHA60C2C P1246411C



Important Information

Index

Functional Parts List	3
Illustration and Parts	4 - 11

Views shown are for parts illustrations only, not servicing procedures

Rev. 1: Corrected reversing valve solenoid w/shoe part numbers. Corrected compressor model coverage.

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

M2 - Model#2

M3 - Model#3

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.

Goodman Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

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

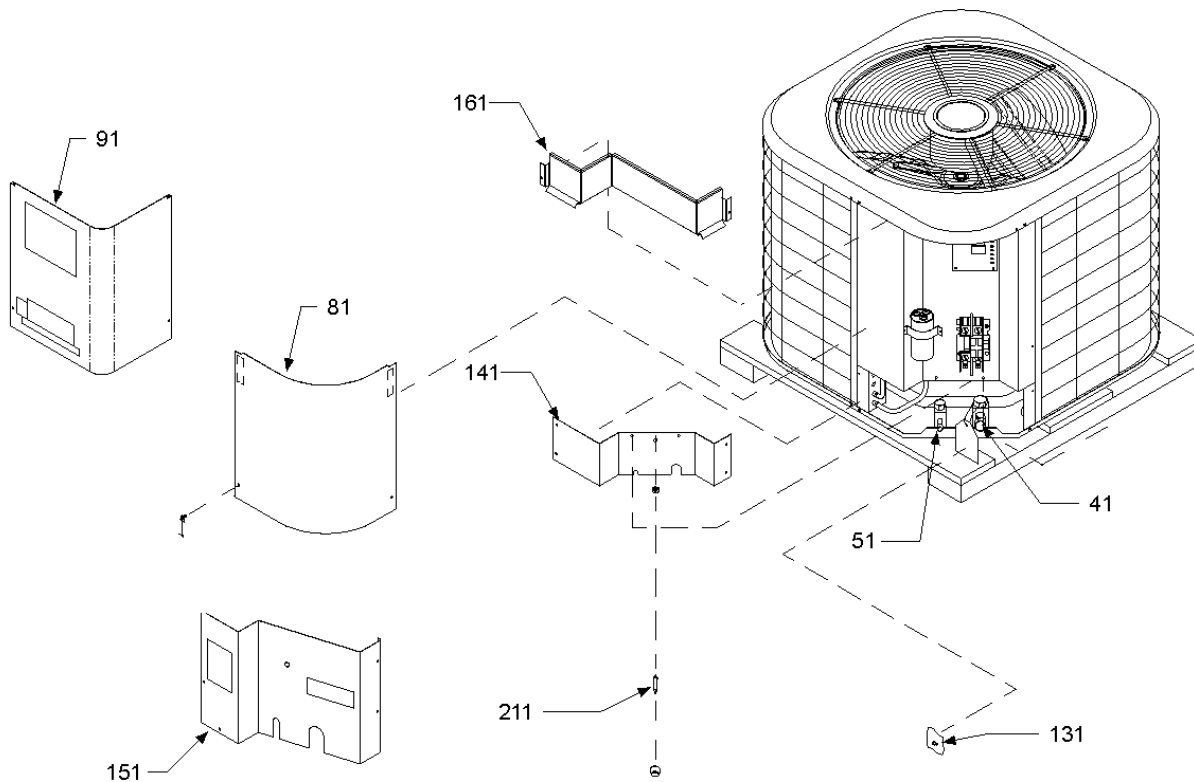
**Part
No:**

11190812	ACCUMULATOR (M3)
11190801	ACCUMULATOR (M4)
B1226207	ACCUMULATOR (M6, M7)
11190813	ACCUMULATOR (M5)
B1226205	ACCUMULATOR (M1, M2)
B1219204	BI-FLOW FILTER DRIER (M1, M2, M3)
B1219204	BI-FLOW FILTER DRIER (M4, M5, M6, M7)
B94578700	CAPACITOR 30/5/370 (M2)
B94575300	CAPACITOR 35/5/370 (M3)
CAP050250370RS	CAPACITOR 5/25/370 (M1)
CAP050400440RT	CAPACITOR 5/40/440 (M5, M6)
CAP050500370RT	CAPACITOR 5/50/370 (M4)
CAP050600370RT	CAPACITOR 5/60/370 (M7)
CR18K6PFV960	COMPRESSOR 18000, 208/230/60/1 (M1)
CR22K6PFV260	COMPRESSOR 22100, 208/230/60/1 (M2)
CR28K6PFV960	COMPRESSOR 28200, 208/230/60/1 (M3)
CR34K6PFV260	COMPRESSOR 34500, 208/230/60/1 (M4)
ZR40KCPFV930	COMPRESSOR 40600, 208/230/60/1 (M5)
CR42K6PFV960	COMPRESSOR 41900, 380/420/60/1 (M6)
ZR57KCPFV950	COMPRESSOR 57500, 208/230/60/1 (M7)
1272216	COND ASSY (M7)
1272214	COND ASSY (M6)
1272211	COND ASSY (M4)
1272208	COND ASSY (M3)
1272206	COND ASSY (M2)
1272205	COND ASSY (M1)
1272213	COND ASSY (M5)
B1360321	CONTACTOR 25 AMP, 125 LRA, 1P, 277V (M1, M2, M3, M4, M6)
CONT1P030024V	CONTACTOR 30 AMP, 1P, 24V (M5)
C6170005	CONTACTOR 40 AMP (M7)
B1226008S	CONTROL BOARD, DEFROST
20438905	CONTROL HARNESS (M4, M5, M6, M7)
20438906	CONTROL HARNESS (M1, M2, M3)
B1370803	DEFROST THERMOSTAT
B1789865	FLOW CHECK PISTON KIT (M3)
B1789855	FLOW CHECK PISTON KIT (M1)
B1789882	FLOW CHECK PISTON KIT (M6)
B1789892	FLOW CHECK PISTON KIT (M7)
B1789871	FLOW CHECK PISTON KIT (M4)
B1789876	FLOW CHECK PISTON KIT (M5)
B1789857	FLOW CHECK PISTON KIT (M2)
B1314343	FLOWRATOR (M1)

SPECIAL PARTS	
10845816S	INSTALLATION INSTRUCTIONS
20515501	NAMEPLATE (M7)
20353301	NAMEPLATE-DISC
RP6212010	REPAIR PARTS MANUAL
10659202S	USERS MANUAL

M1 - P1246308C	P1246308C
M2 - P1246309C	P1246309C
M3 - P1246310C	P1246310C
M4 - P1246408C	P1246408C
M5 - P1246409C	P1246409C
M6 - P1246410C	P1246410C
M7 - P1246411C	P1246411C

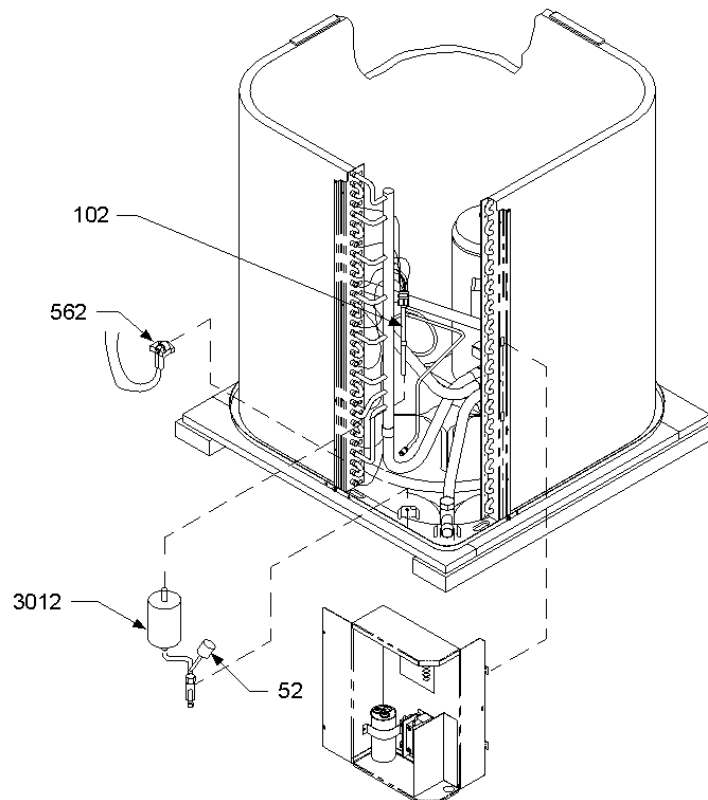
Control / Cover



Small chassis represented.
Large chassis slightly different.

Image 1

Image 2



Control / Cover

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

41	20163902	VALVE-SERVICE 3/4 (M3, M4)
41	20163901	VALVE-SERVICE 5/8 (M1, M2)
41	20163903	VALVE-SERVICE 7/8 (M5, M6, M7)
51	20163801	VALVE-SERVICE
81	20160409PDG	CONTROL COVER (M3)
81	20160410PDG	CONTROL COVER (M1, M2)
91	10589926PDG	CONTROL COVER (M4)
91	10589927PDG	CONTROL COVER (M5, M6, M7)
131	B1789855	FLOW CHECK PISTON KIT (M1)
131	B1789857	FLOW CHECK PISTON KIT (M2)
131	B1789865	FLOW CHECK PISTON KIT (M3)
131	B1789871	FLOW CHECK PISTON KIT (M4)
131	B1789876	FLOW CHECK PISTON KIT (M5)
131	B1789882	FLOW CHECK PISTON KIT (M6)
131	B1789892	FLOW CHECK PISTON KIT (M7)
141	20160215PDG	PANEL-SERVICE VALVE (M1, M2)
141	20160217PDG	PANEL-SERVICE VALVE (M3)
151	20289702	PANEL-SERVICE VALVE (M4, M5, M6, M7)
161	10597407	CONTROL FILLER (M5, M6, M7)
161	10597408	CONTROL FILLER (M4)
211	A4692801	VALVE CORE

Image 2:

52	B1360719	LOW PRESSURE SWITCH
102	B1314343	FLOWRATOR (M1)
102	B1314347	FLOWRATOR (M2)
102	B2114657	FLOWRATOR (M4)
102	B2114882	FLOWRATOR (M7)
562	B1370803	DEFROST THERMOSTAT
3012	B1219204	BI-FLOW FILTER DRIER (M4, M5, M6, M7)
3012	B1219204	BI-FLOW FILTER DRIER (M1, M2, M3)

Expanded Model Nomenclature

M1 - P1246308C	P1246308C
M2 - P1246309C	P1246309C
M3 - P1246310C	P1246310C
M4 - P1246408C	P1246408C
M5 - P1246409C	P1246409C
M6 - P1246410C	P1246410C
M7 - P1246411C	P1246411C

Condenser / Tubing

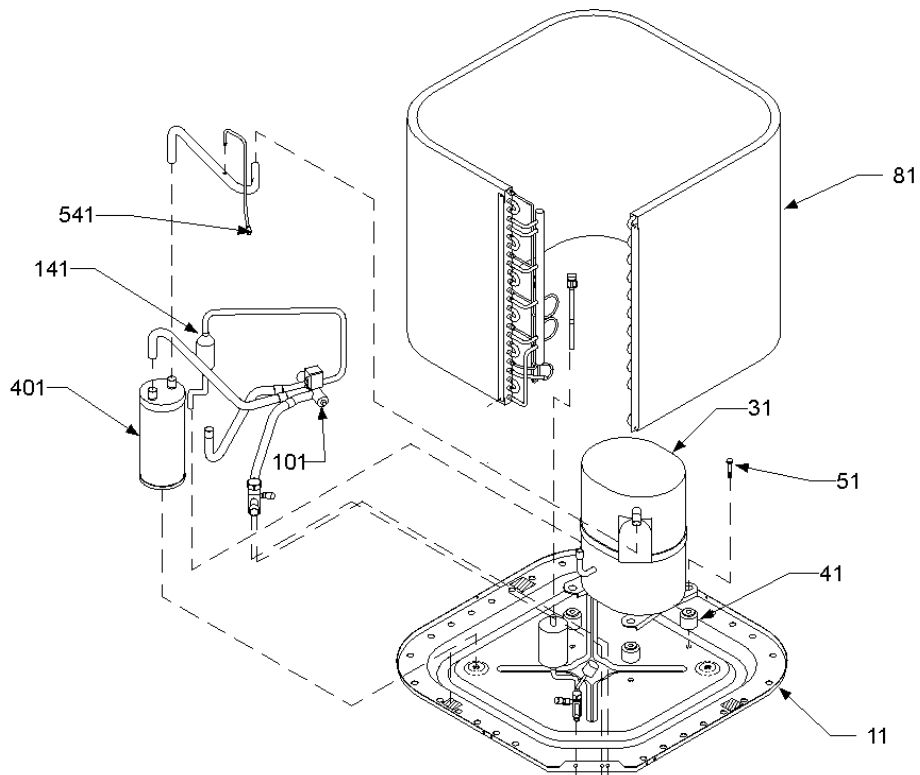
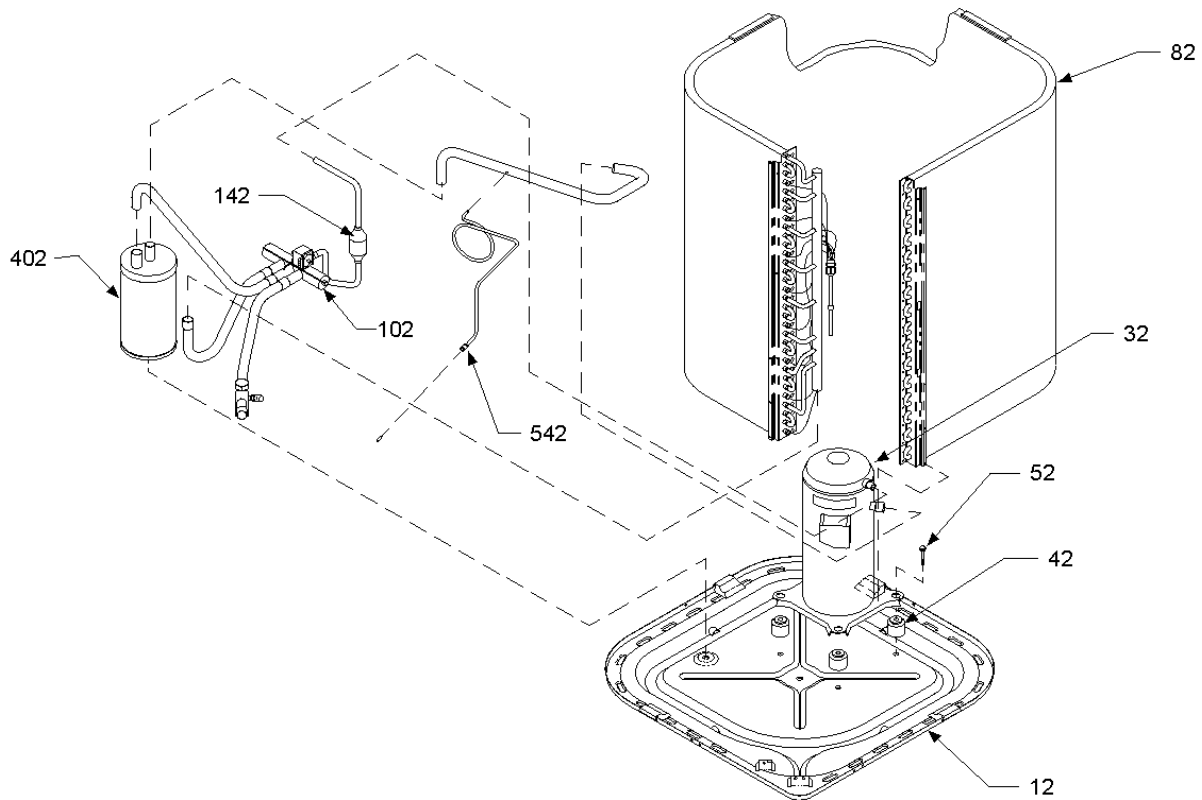


Image 1

Image 2



Condenser / Tubing

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

11	20159905PDG	BASEPAN (M1, M2, M3)
31	CR18K6PFV960	COMPRESSOR 18000, 208/230/60/1 (M1)
31	CR22K6PFV260	COMPRESSOR 22100, 208/230/60/1 (M2)
31	CR28K6PFV960	COMPRESSOR 28200, 208/230/60/1 (M3)
31	CR34K6PFV260	COMPRESSOR 34500, 208/230/60/1 (M4)
31	CR42K6PFV960	COMPRESSOR 41900, 380/420/60/1 (M6)
41	B1315401	COMPRESSOR GROMMET (M1, M2, M3, M4, M6)
51	M0221641	SCREW-SHOULDER TF (M1, M2, M3, M4, M6)
81	1272205	COND ASSY (M1)
81	1272206	COND ASSY (M2)
81	1272208	COND ASSY (M3)
101	B1227314S	REVERSING VALVE (M1, M2)
101	B1227315S	REVERSING VALVE (M3)
141	B1219300	MUFFLER 3/8 X 3/8 (M1, M2, M3)
401	11190812	ACCUMULATOR (M3)
401	B1226205	ACCUMULATOR (M1, M2)
541	C6470601	GAGE PORT (M1, M2, M3)
NS	B1225022S	SOLENOID COIL

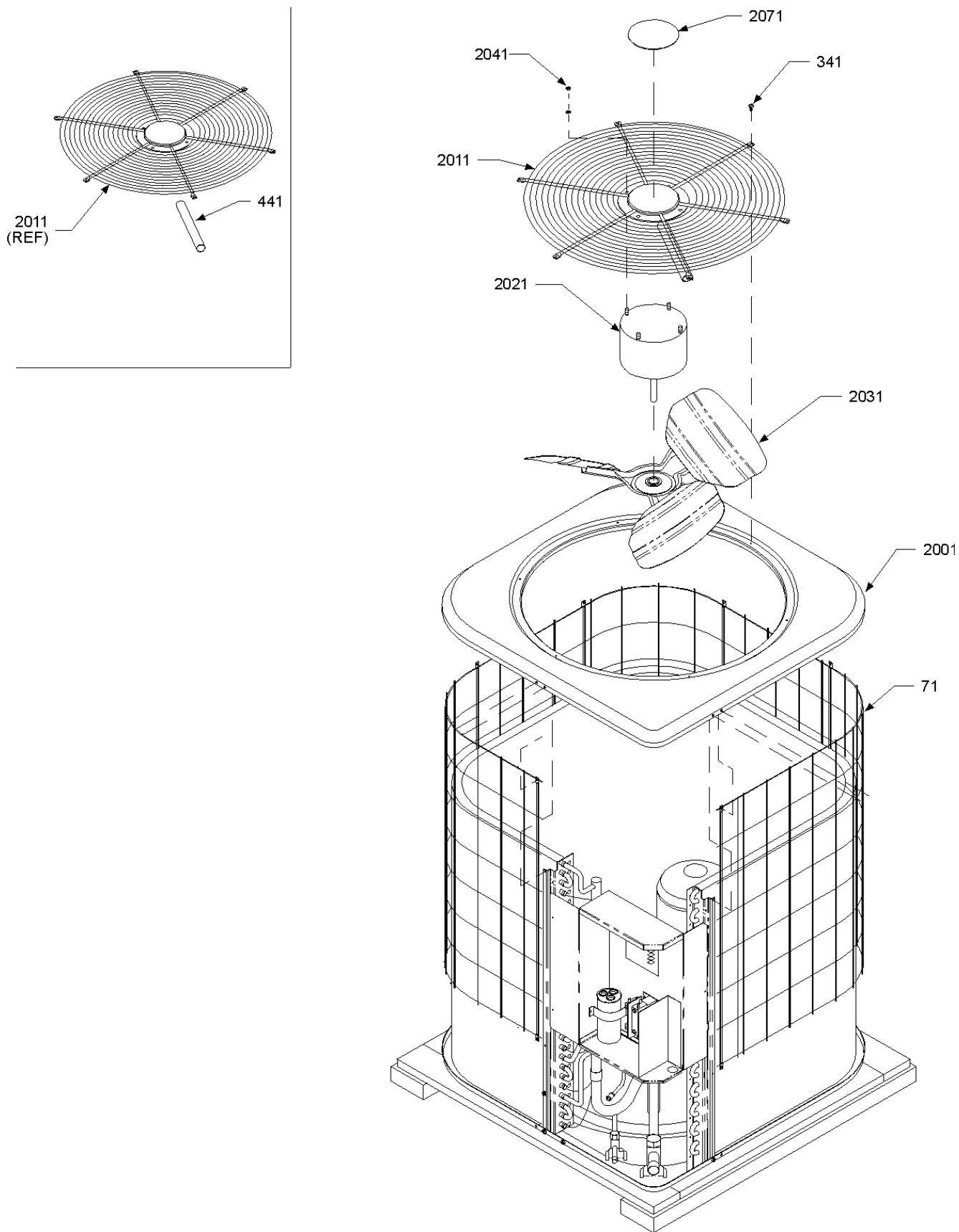
Image 2:

12	10258306PDG	BASEPAN (M4, M5, M6, M7)
32	ZR40KCPFV930	COMPRESSOR 40600, 208/230/60/1 (M5)
32	ZR57KCPFV950	COMPRESSOR 57500, 208/230/60/1 (M7)
42	B1339533	COMPRESSOR GROMMET (M5, M7)
52	M0221641	SCREW-SHOULDER TF (M5, M7)
82	1272211	COND ASSY (M4)
82	1272213	COND ASSY (M5)
82	1272214	COND ASSY (M6)
82	1272216	COND ASSY (M7)
102	B1227316S	REVERSING VALVE (M4)
102	B1227318S	REVERSING VALVE (M5, M6, M7)
142	B1219301	MUFFLER 1/2 X 1/2 (M4, M5, M6, M7)
402	11190801	ACCUMULATOR (M4)
402	11190813	ACCUMULATOR (M5)
402	B1226207	ACCUMULATOR (M6, M7)
542	C6470601	GAGE PORT (M4, M5, M6, M7)

Expanded Model Nomenclature

M1 - P1246308C	P1246308C
M2 - P1246309C	P1246309C
M3 - P1246310C	P1246310C
M4 - P1246408C	P1246408C
M5 - P1246409C	P1246409C
M6 - P1246410C	P1246410C
M7 - P1246411C	P1246411C

Outer Cabinet / Fan



Outer Cabinet / Fan

Ref Part No:	Description:	Ref. Part No:	Description:
<i>Image 1:</i>			
71	20030537		FORMED GRILLE (M4)
71	20030538		FORMED GRILLE (M5, M6, M7)
71	20182539		FORMED GRILLE (M1, M2)
71	20182540		FORMED GRILLE (M3)
341	B1393507		SCREW, HWH,10X3/8, A,YZD (QTY 6)
441	20362407		CONDUIT (M4, M5, M6, M7)
441	20362408		CONDUIT (M1, M2, M3)
2001	10576105PDG		TOP (M4, M5, M6, M7)
2001	20160505PDG		TOP (M1, M2, M3)
2011	20515001		FAN GRILLE (M1, M2, M3)
2011	20515002		FAN GRILLE (M4, M5, M6, M7)
2021	B13400247S		MOTOR, 1/4 HP, 230V, 1.8 FLA (M4, M5, M6, M7)
2021	B13400252S		MOTOR, 1/6 HP, 230V, 1.3 FLA (M1, M2, M3)
2031	B1086756S		FAN BLADE 18" (M1, M2, M3)
2031	10625731S		FAN BLADE 22" (M4, M5, M6, M7)
2041	B1783803		ACORN NUT (QTY 4)
2071	20353301		NAMEPLATE-DISC
NS	20515501		NAMEPLATE (M7)
NS	10777201		RAIN SHIELD (M4, M5, M6, M7)

Expanded Model Nomenclature

M1 - P1246308C	P1246308C
M2 - P1246309C	P1246309C
M3 - P1246310C	P1246310C
M4 - P1246408C	P1246408C
M5 - P1246409C	P1246409C
M6 - P1246410C	P1246410C
M7 - P1246411C	P1246411C

Control Panel

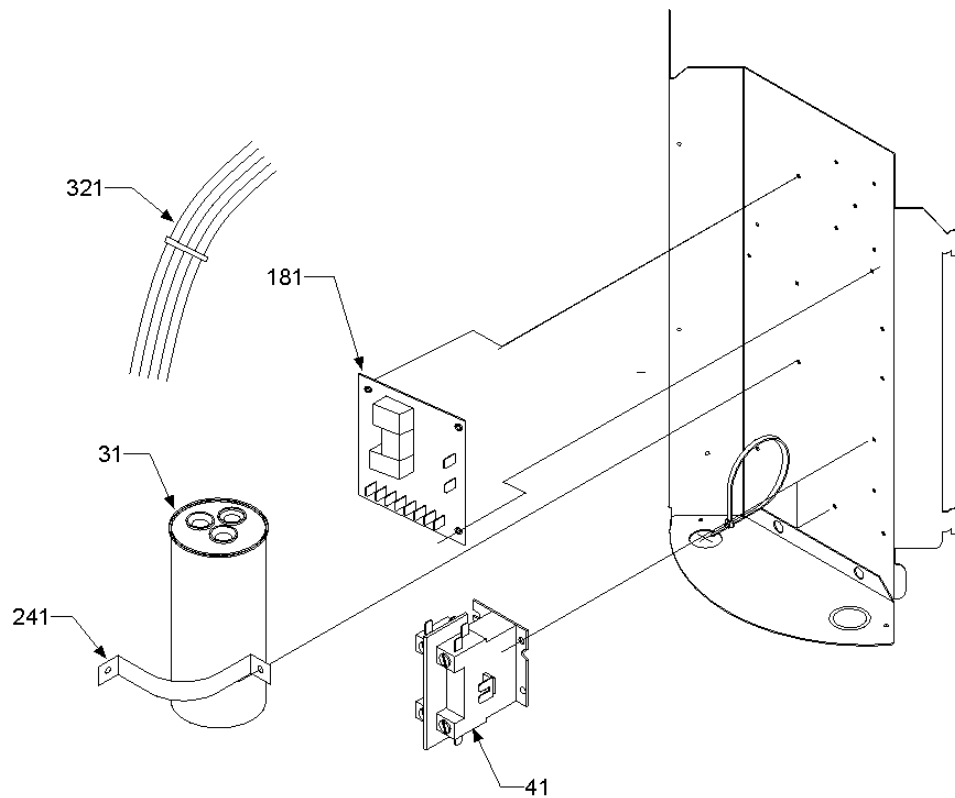
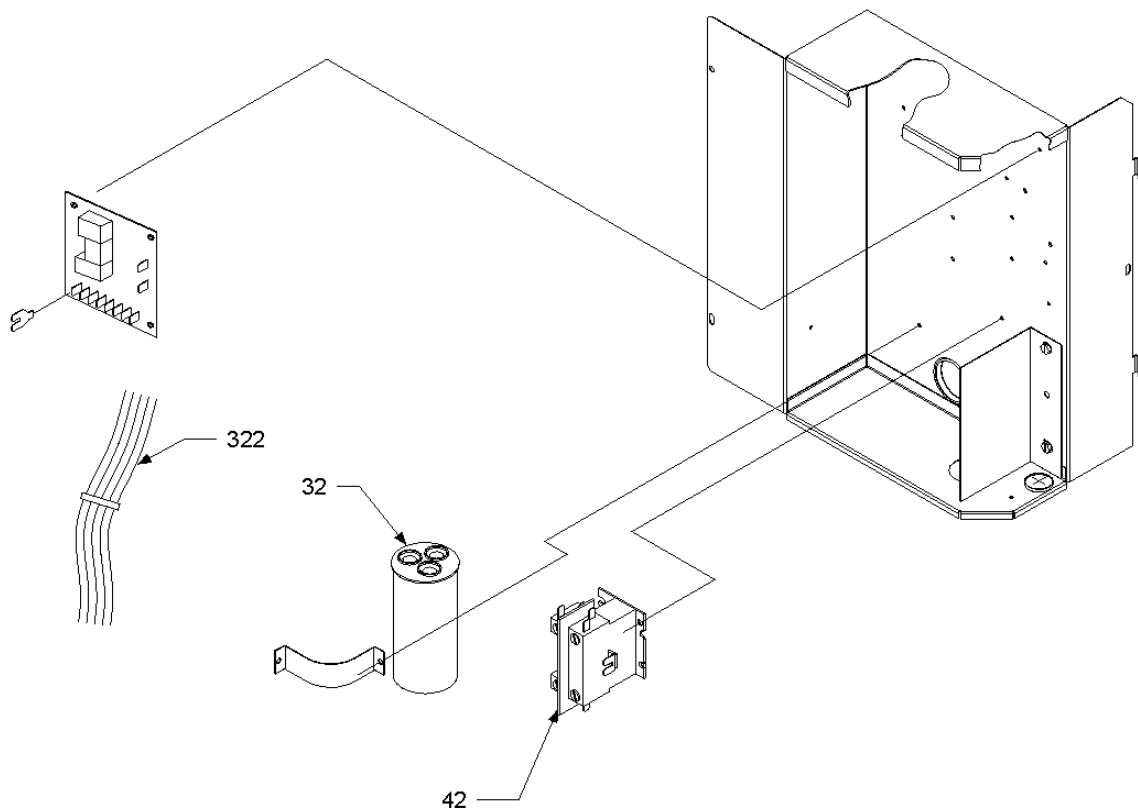


Image 1

Image 2



Control Panel

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

31	B94578700	CAPACITOR 30/5/370 (M2)
31	B94575300	CAPACITOR 35/5/370 (M3)
31	CAP050250370RS	CAPACITOR 5/25/370 (M1)
41	B1360321	CONTACTOR 25 AMP, 125 LRA, 1P, 277V (M1, M2, M3, M4, M6)
181	B1226008S	CONTROL BOARD, DEFROST
241	20520901	CAPACITOR STRAP
321	20438906	CONTROL HARNESS (M1, M2, M3)

Image 2:

32	CAP050400440RT	CAPACITOR 5/40/440 (M5, M6)
32	CAP050500370RT	CAPACITOR 5/50/370 (M4)
32	CAP050600370RT	CAPACITOR 5/60370 (M7)
42	CONT1P030024V	CONTACTOR 30 AMP, 1P, 24V (M5)
42	C6170005	CONTACTOR 40 AMP (M7)
322	20438905	CONTROL HARNESS (M4, M5, M6, M7)

Expanded Model Nomenclature

M1 - P1246308C	P1246308C
M2 - P1246309C	P1246309C
M3 - P1246310C	P1246310C
M4 - P1246408C	P1246408C
M5 - P1246409C	P1246409C
M6 - P1246410C	P1246410C
M7 - P1246411C	P1246411C