



REPAIR PARTS

PHJ SERIES Package Heat Pumps

PHJ024-1
PHJ030-1
PHJ030-1A
PHJ036-1
PHJ036-1A
PHJ036-1D
PHJ048-1
PHJ048-1A
PHJ060-1

Text Codes:

AR - As Required
NS - Not Shown
QTY - Quantity (If Quantity not shown, Quantity = 1)
M - Model (If M Code not shown, then part is used on all Models)

Goodman Manufacturing 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 Manufacturing Company, L.P. also recommends contacting an authorized technician and using authorized factory parts.

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

Rev. C: Added models PHJ030-1, PHJ036-1, PHJ036-1A, PHJ048-1 and item 231.
5-22-2014 : Updated PHJ048-1 louvered top part number

This manual is to be used by qualified technicians only.

This manual replaces RP-173B.

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Functional Parts

Part

No:

Description:

Expanded Model Nomenclature

B1370738	24V TIME DELAY RELAY
B13400353S	BLOWER MOTOR (M8)
B13400313S	BLOWER MOTOR (M1)
B13400208S	BLOWER MOTOR (M9)
CAP075000370VAS	CAPACITOR (BLOWER) (M2, M3, M4, M5, M6, M7)
CAP050000370VAS	CAPACITOR (BLOWER) (M1)
CAP125000370RPS	CAPACITOR 12.5/370V (BLOWER) (M8)
CAP150000370VAS	CAPACITOR 15/370V (BLOWER) (M9)
CAP050300370RSS	CAPACITOR 5/30/370V (CONTROL BOX) (M1)
CAP050350370RSS	CAPACITOR 5/35/370V (CONTROL BOX) (M2, M3)
CAP050400370RSS	CAPACITOR 5/40/370V (CONTROL BOX) (M4, M5)
CAP050450370RSS	CAPACITOR 5/45/370V (CONTROL BOX) (M7, M8)
CAP050600370RTS	CAPACITOR 5/60/370V (CONTROL BOX) (M9)
CR35K6PFV960	COMPRESSOR 35000, 208/230/60/1 (M4, M5, M6)
ZR48K3PFV935	COMPRESSOR 49800, 208/230/60/1 (M9)
CR20K6PFV960	COMPRESSOR H25B20QABCA (M1)
CR42K6PFV960	COMPRESSOR H26A42QCBCA (M8)
CR28K6PFV960	COMPRESSOR H26B26QCBCA (M3)
B9266201AS	COMPRESSOR H27A42QCBCA (M7)
B9266639A	COMPRESSOR H27B28QCBCA (M2)
0131M00008PS	COND MOTOR 1/3 HP, 1 SP, 6 PL (M7, M8)
0131M00007PS	COND MOTOR 1/4 HP, 1 SP, 8 PL (M9)
0131M00009PS	COND MOTOR 1/6 HP, 1 SP, 8 PL (M1, M2, M3, M4, M5, M6)
CONT2P025024VS	CONTACTOR 25 AMP, 2P, 24V (M1, M2, M3, M4, M5, M6)
CONT2P030024VS	CONTACTOR 30 AMP, 2P, 24V (M7, M8)
CONT2P040024VS	CONTACTOR 40 AMP, 2P, 24V (M9)
PCBDM101S	DEFROST CONTROL BOARD
B1370803	DEFROST THERMOSTAT
B13400312S	MOTOR 1/3 HP, 2 BOLT CIRCLE F (M2, M3, M4, M5, M6, M7)
B1141658	START ASSIST (M3, M4, M5, M6, M7, M8)
B1141643	TRANSFORMER 208/230, 24V

M1 - PHJ024-1
M2 - PHJ030-1
M3 - PHJ030-1A
M4 - PHJ036-1
M5 - PHJ036-1A
M6 - PHJ036-1D
M7 - PHJ048-1
M8 - PHJ048-1A
M9 - PHJ060-1

SPECIAL PARTS

RP-173	REPAIR PARTS MANUAL (M1, M2, M3, M4, M5, M7, M8, M9)
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Replacement Parts List

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
11	B1086750S FAN BLADE 22", 3 BLADE, 24° (M1, M2, M3, M4, M5, M6, M9)	171	B1141658 START ASSIST (M3, M4, M5, M6, M7, M8)
11	B1086748S FAN BLADE 22", 3 BLADE, 30° (M7, M8)	181	B1370738 24V TIME DELAY RELAY
21	B1141643 TRANSFORMER 208/230, 24V	191	B1370803 DEFROST THERMOSTAT
31	B1313465 FLOWRATOR .065 (M1)	201	1787811 VENTURI RING
31	B1314471 FLOWRATOR .071 (M2, M3)	211	CR35K6PFV960 COMPRESSOR 35000, 208/230/60/1 (M4, M5, M6)
31	B2114874 FLOWRATOR .074 (M4, M5, M6)	211	ZR48K3PFV935 COMPRESSOR 49800, 208/230/60/1 (M9)
31	B2113886 FLOWRATOR .086 (M7, M8)	211	CR20K6PFV960 COMPRESSOR H25B20QABCA (M1)
31	B2113890 FLOWRATOR .090 (M9)	211	CR42K6PFV960 COMPRESSOR H26A42QCBCA (M8)
41	B1313449 FLOWRATOR .049 (M1)	211	CR28K6PFV960 COMPRESSOR H26B26QCBCA (M3)
41	B1313453 FLOWRATOR .053 (M2, M3)	211	B9266201AS COMPRESSOR H27A42QCBCA (M7)
41	B2114672 FLOWRATOR .072 (M6)	211	B9266639A COMPRESSOR H27B28QCBCA (M2)
41	B2114676 FLOWRATOR .076 (M4, M5, M9)	221	CAP050000370VAS CAPACITOR (BLOWER) (M1)
41	B2114692 FLOWRATOR .092 (M7, M8)	221	CAP075000370VAS CAPACITOR (BLOWER) (M2, M3, M4, M5, M6, M7)
51	B1219201S FILTER DRIER	221	CAP125000370RPS CAPACITOR 12.5/370V (BLOWER) (M8)
71	PCBDM101S DEFROST CONTROL BOARD	221	CAP150000370VAS CAPACITOR 15/370V (BLOWER) (M9)
81	B1226206 ACCUMULATOR 0.750 (M1, M2, M3, M4, M5, M6)	231	CAP050300370RSS CAPACITOR 5/30/370V (CONTROL BOX) (M1)
81	B1226207 ACCUMULATOR 0.875 (M7, M8, M9)	231	CAP050350370RSS CAPACITOR 5/35/370V (CONTROL BOX) (M2, M3)
91	B1227316S REVERSING VALVE (M1, M2, M3, M4, M5, M6)	231	CAP050400370RSS CAPACITOR 5/40/370V (CONTROL BOX) (M4, M5)
91	B1227317S REVERSING VALVE (M7, M8, M9)	231	CAP050450370RSS CAPACITOR 5/45/370V (CONTROL BOX) (M7, M8)
101	B1259332 INLET GRILLE [OBSOLETE]	231	CAP050600370RTS CAPACITOR 5/60/370V (CONTROL BOX) (M9)
111	B1339530 COMPRESSOR GROMMET (M1, M2, M3, M4, M7)	Expanded Model Nomenclature M1 - PHJ024-1 M2 - PHJ030-1 M3 - PHJ030-1A M4 - PHJ036-1 M5 - PHJ036-1A M6 - PHJ036-1D M7 - PHJ048-1 M8 - PHJ048-1A M9 - PHJ060-1	
111	B1339533 COMPRESSOR GROMMET (M5, M6, M8, M9)		
121	0131M00008PS COND MOTOR 1/3 HP, 1 SP, 6 PL (M7, M8)		
121	0131M00007PS COND MOTOR 1/4 HP, 1 SP, 8 PL (M9)		
121	0131M00009PS COND MOTOR 1/6 HP, 1 SP, 8 PL (M1, M2, M3, M4, M5, M6)		
131	B13400208S BLOWER MOTOR (M9)		
131	B13400313S BLOWER MOTOR (M1)		
131	B13400353S BLOWER MOTOR (M8)		
131	B13400312S MOTOR 1/3 HP, 2 BOLT CIRCLE F (M2, M3, M4, M5, M6, M7)		
141	CONT2P025024VS CONTACTOR 25 AMP, 2P, 24V (M1, M2, M3, M4, M5, M6)		
141	CONT2P030024VS CONTACTOR 30 AMP, 2P, 24V (M7, M8)		
141	CONT2P040024VS CONTACTOR 40 AMP, 2P, 24V (M9)		
151	B1368034S BLOWER WHEEL 10 X 6 (M4, M5, M6)		
151	B1368016S BLOWER WHEEL 10 X 8 (M9)		
151	B1368042S BLOWER WHEEL 9 X 6 (M1, M2, M3)		
151	B1368036S BLOWER WHEEL 9 X 8 (M7, M8)		
161	B1368248 TERMINAL BLOCK (LOW VOLTAGE)		

Replacement Parts List

Ref. Part			Ref. Part		
No:	No:	Description:	No:	No:	Description:
241	1262706	TUBING ASSY, COND COIL (M1, M2, M3)	441	1679502	BLOCK-OFF PARTITION
241	1264855	TUBING ASSY, COND COIL [OBSOLETE] (M4, M5, M6, M7, M8)	451	1679701	BOTTOM PAN CHANNEL (QTY 2)
241	1264856	TUBING ASSY, COND COIL [OBSOLETE] (M9)	461	1687604	TERMINAL BLOCK PANEL
251	2539301S	BLOWER HOUSING ASSY (M8, M9)	471	1687610	CONTROL BOX ASSY
251	2939300S	BLOWER HOUSING ASSY (M1, M3)	481	1679402S	EVAPORATOR COVER
251	1439389S	BLOWER HOUSING ASSY 9 X 6 (M1, M3)	Expanded Model Nomenclature M1 - PHJ024-1 M2 - PHJ030-1 M3 - PHJ030-1A M4 - PHJ036-1 M5 - PHJ036-1A M6 - PHJ036-1D M7 - PHJ048-1 M8 - PHJ048-1A M9 - PHJ060-1		
251	2539300S	BLOWER HOUSING ASSY w/o CUT-OFF 764730 (M4, M5, M6)			
251	1439391S	BLOWER HOUSING ASSY w/o CUT-OFF 764736 (M7, M8, M9)			
261	1600000	TRANSITION DUCT (M1, M2, M3, M4, M5, M6, M8, M9)			
271	1600107	BLOWER BLOCK-OFF (M1, M2, M3, M4, M5, M6)			
271	1600122	BLOWER BLOCK-OFF (M7, M8, M9)			
281	1610903	CONTROL BOX COVER			
291	1623703S	COND PANEL			
291	1623702S	EVAP/BLOWER PANEL			
301	1623704S	SQUARE DUCT PANEL			
311	1623707S	CORNER POST [OBSOLETE]			
321	1623716	SERVICE PORT PANEL (M1, M3, M5, M6, M8, M9)			
321	1623708	SERVICE PORT PANEL [OBSOLETE] (M2, M4, M7)			
331	1623714S	SQUARE TO ROUND PANEL			
341	1262800	TUBING ASSY, EVAP COIL (M4, M5, M6)			
341	1262802	TUBING ASSY, EVAP COIL (M7, M8)			
341	1656431S	TUBING ASSY, EVAP COIL (M1)			
341	1656432S	TUBING ASSY, EVAP COIL (M2, M3)			
341	1656441S	TUBING ASSY, EVAP COIL (M9)			
351	1667806P	DRAIN PAN			
361	1668202S	BLOWER ASSY (M2, M3)			
361	1668204S	BLOWER ASSY (M7, M8)			
361	1668205S	BLOWER ASSY [OBSOLETE] (M9)			
361	1668211S	BLOWER ASSY [OBSOLETE] (M4, M5)			
361	1668215S	BLOWER ASSY [OBSOLETE] (M1)			
371	1679106S	BOTTOM PAN			
381	1679303S	CONTROL ACCESS PANEL			
391	1679301S	BLOWER ACCESS PANEL			
401	1779404S	LOUVERED TOP PANEL [OBSOLETE]			
411	1679405S	BASEPAN			
421	1679404S	EVAP TOP PANEL			
431	1679501S	PARTITION PANEL			

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