



REPAIR PARTS

CPE*B SERIES Remote Heat Pumps

CPE18-1AB
CPE24-1AB
CPE30-1AB
CPE36-1AB
CPE42-1FB
CPE48-1FB
CPE48-3B
CPE60-1GB
CPE60-3B

This manual is to be used by qualified technicians only.

© 1994-2008 Goodman Manufacturing Company, L.P. ♦ 5151 San Felipe, Suite 500 ♦ Houston, TX 77056



Important Information

Index

Functional Parts List	3
Illustration and Parts	4 - 7

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 M2 - Model#2 M3 - Model#3

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.

For assistance within the U.S.A. contact:
Consumer Affairs Department
Goodman Manufacturing 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 Manufacturing Company, L.P.
7401 Security Way
Houston, Texas 77040
713-861-2500-Telephone
713-863-2382-Facsimile

Functional Parts

Part

No: Description:

Expanded Model Nomenclature

CAP050300370RSS	CAPACITOR 5/30/370V (M1, M2)
CAP050350370RSS	CAPACITOR 5/35/370V (M3)
CAP050350440RSS	CAPACITOR 5/35/440V (M5)
CAP050000370VAS	CAPACITOR 5/370V (M7, M9)
CAP050400440RTS	CAPACITOR 5/40/440V (M6)
CAP050450370RSS	CAPACITOR 5/45/370V (M4)
CAP050600370RTS	CAPACITOR 5/60/370V (M8)
CR38K6PFV960	COMPRESSOR #H23A383ABCA (M5)
B9266201AS	COMPRESSOR #H23A423ABCA (M6)
B9266296	COMPRESSOR #H23A463DBLA (M7)
B9266294AS	COMPRESSOR #H25A543CBCA (M8)
B9266659	COMPRESSOR #H25A543DBLA (M9)
CR18K6PFV960	COMPRESSOR #H25B173ABCA (M1)
CR22K6PFV960	COMPRESSOR #H25B223ABCA (M2)
CR30K6PFV960	COMPRESSOR #H25B283ABCA (M3)
CR35K6PFV960	COMPRESSOR #H25B353ABCA (M4)
0131M00008PS	COND MOTOR 1/3 HP, 1 SP, 208/230-60-1 (M6, M7, M8, M9)
0131M00007PS	COND MOTOR 1/4 HP, 1 SP, 208/230-60-1 (M5)
B13400251S	COND MOTOR 1/6 HP, 1 SP 208/230-60-1 (M1, M2, M3, M4)
B1360321	CONTACTOR 25 AMP, 1P, 24V (M5, M6)
CONT2P030024VS	CONTACTOR 25 AMP, 1P, 24V (M1, M2, M3, M4)
B1360315	CONTACTOR 25 AMP, 3P, 24V (M7, M9)
B1360324	CONTACTOR 30 AMP, 1P, 24V (M8)
B1243733	CRANKCASE HEATER (BRISTOL) (M5, M6, M7, M8, M9)
B1360719	CUT-OUT SWITCH, LOW PRESSURE
PCBDM101S	DEFROST CONTROL W/RELAY
B1370803	DEFROST THERMOSTAT

M1 - CPE18-1AB
M2 - CPE24-1AB
M3 - CPE30-1AB
M4 - CPE36-1AB
M5 - CPE42-1FB
M6 - CPE48-1FB
M7 - CPE48-3B
M8 - CPE60-1GB
M9 - CPE60-3B

SPECIAL PARTS

RP-126-1	REPAIR PARTS MANUAL (M1, M2, M3, M4)
B2608290	SPRAY PAINT (BAHAMA BEIGE)

NO IMAGE AVAILABLE

Replacement Parts List

Ref. Part No:	No:	Description:	Ref. Part No:	No:	Description:
<i>Image 1:</i>			NS	B1086756S	FAN BLADE 18", 3 BLADE, 32° (M1, M2, M3, M4)
NS	B1282566	3/4" SERVICE VALVE (M2, M3, M4)	NS	B1086750S	FAN BLADE 22", 3 BLADE, 24° (M5)
NS	20163801	3/8" SERVICE VALVE	NS	B1086748	FAN BLADE 22", 3 BLADE, 30° (M6, M7, M8, M9)
NS	B1282573	5/8" SERVICE VALVE (M1)	NS	B1313352	FLOWRATOR (M2)
NS	B1282543	7/8" SERVICE VALVE (M5, M6, M7, M8, M9)	NS	B1313353	FLOWRATOR (M3)
NS	1787701P	ACCESS PANEL 17.5" (M1)	NS	B1313465	FLOWRATOR (M4)
NS	1787705P	ACCESS PANEL 20.0" (M2)	NS	B1314341	FLOWRATOR (M1)
NS	1787702P	ACCESS PANEL 25.0" (M3)	NS	B2113682	FLOWRATOR (M8, M9)
NS	1787703P	ACCESS PANEL 30.0" (M4)	NS	B2114674	FLOWRATOR (M5)
NS	1779304P	ACCESS PANEL 32.5" (M5, M6, M7, M8, M9)	NS	B2114678	FLOWRATOR (M6, M7)
NS	B1226205	ACCUMULATOR (M1, M2)	NS	1259317P	INLET GRILLE 17.5" (M1)
NS	B1226206	ACCUMULATOR (M3, M4)	NS	1259320P	INLET GRILLE 20.0" (M2)
NS	B1226207	ACCUMULATOR (M5, M6, M7, M8, M9)	NS	1259325P	INLET GRILLE 25.0 (M3)
NS	B1219201S	BI-FLOW FILTER DRIER	NS	1259330P	INLET GRILLE 30.0" (M4)
NS	1779107P	BOTTOM PAN ASSY (M5, M6, M7, M8, M9)	NS	1259432P	INLET GRILLE 32.5" X 79.25" (M5, M6, M7, M8, M9)
NS	1787208P	BOTTOM PAN ASSY (M1, M2, M3, M4)	NS	1787301P	LEFT CORNER PANEL 17.5" (M1)
NS	CAP050300370RSS	CAPACITOR 5/30/370V (M1, M2)	NS	1787304P	LEFT CORNER PANEL 20.0" (M2)
NS	CAP050350370RSS	CAPACITOR 5/35/370V (M3)	NS	1787302P	LEFT CORNER PANEL 25.0" (M3)
NS	CAP050350440RSS	CAPACITOR 5/35/440V (M5)	NS	1787303P	LEFT CORNER PANEL 30.0" (M4)
NS	CAP050000370VAS	CAPACITOR 5/370V (M7, M9)	NS	B1219301	MUFFLER (1/2" X 1/2") (M5, M6, M7, M8, M9)
NS	CAP050400440RTS	CAPACITOR 5/40/440V (M6)	NS	B1219300	MUFFLER (3/8 X 3/8) (M1, M2, M3, M4)
NS	CAP050450370RSS	CAPACITOR 5/45/370V (M4)	NS	1787501	PARTITION PANEL 17.5" (M1)
NS	CAP050600370RTS	CAPACITOR 5/60/370V (M8)	NS	1787504	PARTITION PANEL 20.0" (M2)
NS	CR38K6PFV960	COMPRESSOR #H23A383ABCA (M5)	NS	1787502	PARTITION PANEL 25.0" (M3)
NS	B9266201AS	COMPRESSOR #H23A423ABCA (M6)	NS	1787503	PARTITION PANEL 30.0" (M4)
NS	B9266296	COMPRESSOR #H23A463DBLA (M7)	NS	1779532	PARTITION PANEL 32.5" (M5, M6, M7, M8, M9)
NS	B9266294AS	COMPRESSOR #H25A543CBCA (M8)	Expanded Model Nomenclature		
NS	B9266659	COMPRESSOR #H25A543DBLA (M9)	M1 - CPE18-1AB M2 - CPE24-1AB M3 - CPE30-1AB M4 - CPE36-1AB M5 - CPE42-1FB M6 - CPE48-1FB M7 - CPE48-3B M8 - CPE60-1GB M9 - CPE60-3B		
NS	CR18K6PFV960	COMPRESSOR #H25B173ABCA (M1)	NO IMAGE AVAILABLE.		
NS	CR22K6PFV960	COMPRESSOR #H25B223ABCA (M2)			
NS	CR30K6PFV960	COMPRESSOR #H25B283ABCA (M3)			
NS	CR35K6PFV960	COMPRESSOR #H25B353ABCA (M4)			
NS	B1339530	COMPRESSOR GROMMET (QTY 4)			
NS	0131M00008PS	COND MOTOR 1/3 HP, 1 SP, 208/230-60-1 (M6, M7, M8, M9)			
NS	0131M00007PS	COND MOTOR 1/4 HP, 1 SP, 208/230-60-1 (M5)			
NS	B13400251S	COND MOTOR 1/6 HP, 1 SP 208/230-60-1 (M1, M2, M3, M4)			
NS	B1360321	CONTACTOR 25 AMP, 1P, 24V (M5, M6)			
NS	CONT2P030024VS	CONTACTOR 25 AMP, 1P, 24V (M1, M2, M3, M4)			
NS	B1360315	CONTACTOR 25 AMP, 3P, 24V (M7, M9)			
NS	B1360324	CONTACTOR 30 AMP, 1P, 24V (M8)			
NS	B1243733	CRANKCASE HEATER (BRISTOL) (M5, M6, M7, M8, M9)			
NS	B1360719	CUT-OUT SWITCH, LOW PRESSURE			
NS	PCBDM101S	DEFROST CONTROL W/RELAY			
NS	B1370803	DEFROST THERMOSTAT			

NO IMAGE AVAILABLE

Replacement Parts List

Ref. Part No:	No:	Description:	Ref. Part No:	No:	Description:
<i>Image 1:</i>					
NS	B1219220	REVERSING VALVE SOLENOID (M5, M6, M7, M8, M9)			
NS	B1221817	REVERSING VALVE SOLENOID (M1, M2, M3, M4)			
NS	B1227314S	REVERSING VALVE W/ SOLENOID COIL (M1, M2)			
NS	B1227316S	REVERSING VALVE W/ SOLENOID COIL (M3, M4)			
NS	B1227317S	REVERSING VALVE W/ SOLENOID COIL (M5, M6, M7, M8, M9)			
NS	1787421P	RIGHT CORNER PANEL 17.5" (M1)			
NS	1787422P	RIGHT CORNER PANEL 20.0" (M2)			
NS	1787423P	RIGHT CORNER PANEL 25.0" (M3)			
NS	1787424P	RIGHT CORNER PANEL 30.0" (M4)			
NS	1779232P	SIDE PANEL 32.5" (M5, M6, M7, M8, M9)			
NS	B1141658	START ASSIST #305C9L01, 10 OHMS (M8)			
NS	1779403P	TOP PANEL-LOUVERED (M1, M2, M3, M4)			
NS	1779404P	TOP PANEL-LOUVERED (M5, M6, M7, M8, M9)			
NS	1262300	TUBING ASSY, COND COIL 17.5" (M1)			
NS	1262301	TUBING ASSY, COND COIL 20.0" (M2)			
NS	1262700	TUBING ASSY, COND COIL 25.0" (M3)			
NS	1262304	TUBING ASSY, COND COIL 30.0" (M4)			
NS	1264905	TUBING ASSY, COND COIL 32.5" (M5, M6, M7, M8, M9)			
NS	1787811	VENTURI (M5, M6, M7, M8, M9)			
NS	B1787810	VENTURI (M1, M2, M3, M4)			

Expanded Model Nomenclature

- | |
|----------------|
| M1 - CPE18-1AB |
| M2 - CPE24-1AB |
| M3 - CPE30-1AB |
| M4 - CPE36-1AB |
| M5 - CPE42-1FB |
| M6 - CPE48-1FB |
| M7 - CPE48-3B |
| M8 - CPE60-1GB |
| M9 - CPE60-3B |

NO IMAGE AVAILABLE.