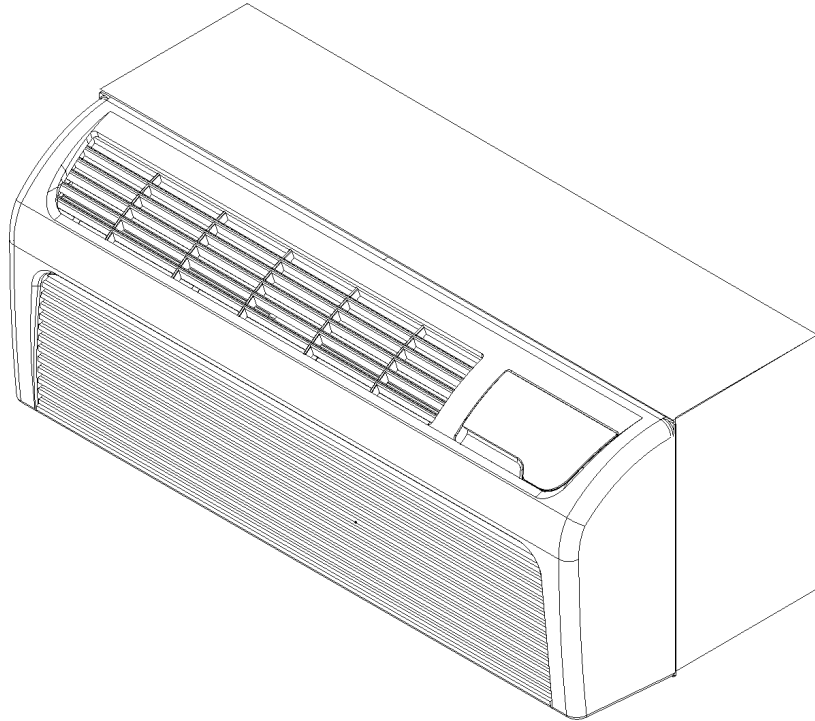


REPAIR PARTS

PTH*BP Packaged Terminal Heat Pumps

PTH093B15AMBP
PTH093B25BMBP
PTH093B25JMBP
PTH093B35AMBP
PTH093B35BMBP
PTH093B35CMBP
PTH093B35XMBP
PTH093B50AMBP
PTH093B50BMBP
PTH093B50CMBP
PTH094B15AMBP
PTH094B25AMBP
PTH094B25CMBP
PTH094B35AMBP
PTH094B35BMBP
PTH094B35CMBP
PTH094B50AMBP
PTH094B50CMBP
PTH123B25AMBP
PTH123B35AMBP
PTH123B35BMBP
PTH123B35CMBP
PTH123B35DMBP
PTH123B35JMBP
PTH123B50AMBP
PTH123B50CMBP
PTH124B15AMBP
PTH124B25AMBP
PTH124B35AMBP
PTH124B35CMBP
PTH124B50AMBP



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RP-443D
October 2007

This manual replaces RP-443C.
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Important Information

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Views shown are for parts illustrations only, not servicing procedures.

Rev. C: Added model PTH124B15AMBP.
Rev. D: Added model PTH093B35XMBP.

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

Functional Parts

Part

No: Description:

		22312901	HEATER 3 1.5 KW ASSY (M1)
CAP050150370RSS	CAPACITOR 5/15/370V (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10)	22312902	HEATER 3 2.5 KW ASSY (M2, M3, M19)
CAP050150440RSS	CAPACITOR 5/15/440V (M11, M12, M13, M14, M15, M16, M17, M18)	22312903	HEATER 3 3.5 KW ASSY (M4, M5, M6, M7, M20, M21, M22, M23, M24)
CAP050250440RSS	CAPACITOR 5/25/440V (M27, M28, M29, M30, M31)	22312904	HEATER 3 5.0 KW ASSY (M8, M9, M10, M25, M26)
CAP050300370RSS	CAPACITOR 5/30/370V (M19, M20, M21, M22, M23, M24, M25, M26)	22312905	HEATER 4 1.5 KW ASSY (M11, M27)
0210P00000	CAPILLARY WELDMENT (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18)	22312906	HEATER 4 2.5 KW ASSY (M12, M13, M28)
0210P00003	CAPILLARY WELDMENT (M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29, M30, M31)	22312907	HEATER 4 3.7 KW ASSY (M14, M15, M16, M29, M30)
D6985807H	COMPRESSOR 2P17S3R236A (M19, M20, M21, M22, M23, M24, M25, M26)	22312908	HEATER 4 5.0 KW ASSY (M17, M18, M31)
D6985810H	COMPRESSOR 2P17S3R276A (M27, M28, M29, M30, M31)	11172801	POWER VENT MOTOR (M2, M3, M5, M9, M15, M21, M24)
D6887711H	COMPRESSOR 2R13S3R236A (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10)	C8873932	RELAY (M2, M3, M5, M9, M15, M21, M24)
D6887712H	COMPRESSOR 2R13S3R276A (M11, M12, M13, M14, M15, M16, M17, M18)	C8873917	RELAY (M23)
11125301	CONDENSATE PUMP (M23)	0151P00000	REVERSING VALVE ASSY-230V (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M19, M20, M21, M22, M23, M24, M25, M26)
20456603S	CONDENSER ASSY (M1, M2, M3, M4, M5, M7, M8, M9, M11, M12, M14, M15, M17)	0151P00001	REVERSING VALVE ASSY-265V (M11, M12, M13, M14, M15, M16, M17, M18, M27, M28, M29, M30, M31)
20456602PDGS	CONDENSER ASSY (M6, M10, M13, M16, M18)	22322201	REVERSING VALVE COIL 230V (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M19, M20, M21, M22, M23, M24, M25, M26)
0201P00000DGS	CONDENSER ASSY (M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29, M30, M31)	22322202	REVERSING VALVE COIL 265V (M11, M12, M13, M14, M15, M16, M17, M18, M27, M28, M29, M30, M31)
PCBCP126	CONTROL BOARD, M61 WIRELESS (M1, M2, M3, M4, M5, M6, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26)	B1160701	TERMINAL BOARD (M2, M3, M5, M9, M15, M21, M24)
RSKP0004	CONTROL BOARD, M61, WIRELESS (M7, M27, M28, M29, M30, M31)	0130P00038	THERMISTOR-DISCHARGE
0130P00006	CORD 250 VAC, 15A (LCDI) (M1, M2, M3, M19)	20295709	THERMISTOR-HEAT PUMP
0130P00007	CORD 250 VAC, 20A (LCDI) (M4, M5, M6, M20, M21, M22, M23, M24)	0130P00042	THERMISTOR-INDOOR AMBIENT
0130P00008	CORD 250 VAC, 30A (LCDI) (M8, M9, M10, M25, M26)	20295707	THERMISTOR-INDOOR COIL
11114701	CORD 277 VAC, 20A (M11, M12, M13, M14, M15, M16, M27, M28, M29, M30)	20512501	TRANSFORMER (QTY AR)
11114801	CORD 277 VAC, 30A (M17, M18, M31)	11172101	TRANSFORMER (M15)
0131P00002S	FAN MOTOR 100 W, 2 SP, 6 PL (M8, M9, M10, M19, M20, M21, M22, M23, M24, M25, M26)	20456702S	TUBING ASSY, EVAP COIL (M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29, M30, M31)
0131P00003S	FAN MOTOR 100W, 2 SP, 6 PL (M17, M18, M27, M28, M29, M30, M31)	20457202S	TUBING ASSY, EVAP COIL (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18)
0131P00000S	FAN MOTOR 40W, 2 SP, 8 PL (M1, M2, M3, M4, M5, M6, M7)		
0131P00001S	FAN MOTOR 40W, 2 SP, 8 PL (M11, M12, M13, M14, M15, M16)		
A3410402	FUSE 15A (M11, M12, M13, M27, M28)		
A3410403	FUSE 20A (M7, M14, M15, M16, M29, M30)		
A3410404	FUSE 25A (M17, M18, M31)		

Functional Parts

Part

No: Description:

SPECIAL PARTS

IO-266	CHASSIS TO WALL SLEEVE INSTRUCTIONS
IO-690	CONFIGURATION SETTINGS (M7)
IO-665A	CONFIGURATION SETTINGS (M1, M2, M3, M4, M5, M6, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29, M30, M31)
IO-666A	DIAGNOSTIC LITERATURE (M1, M2, M3, M4, M5, M6, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29, M30, M31)
11126505	GRAPHIC DOOR LOGO
20490201	INSPECTION SHEET-SLEEVE/DRAIN
IO-679B	PTQC3,4A KIT INSTRUCTIONS (M7)
RP-443D	REPAIR PARTS MANUAL
IO-293B	USERS MANUAL

Expanded Model Nomenclature

M1 - PTH093B15AMBP
M2 - PTH093B25BMBP
M3 - PTH093B25JMBP
M4 - PTH093B35AMBP
M5 - PTH093B35BMBP
M6 - PTH093B35CMBP
M7 - PTH093B35XMBP
M8 - PTH093B50AMBP
M9 - PTH093B50BMBP
M10 - PTH093B50CMBP
M11 - PTH094B15AMBP
M12 - PTH094B25AMBP
M13 - PTH094B25CMBP
M14 - PTH094B35AMBP
M15 - PTH094B35BMBP
M16 - PTH094B35CMBP
M17 - PTH094B50AMBP
M18 - PTH094B50CMBP
M19 - PTH123B25AMBP
M20 - PTH123B35AMBP
M21 - PTH123B35BMBP
M22 - PTH123B35CMBP
M23 - PTH123B35DMBP
M24 - PTH123B35JMBP
M25 - PTH123B50AMBP
M26 - PTH123B50CMBP
M27 - PTH124B15AMBP
M28 - PTH124B25AMBP
M29 - PTH124B35AMBP
M30 - PTH124B35CMBP
M31 - PTH124B50AMBP

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Front Assy/Chassis/Cap Weld/Compressor

Image 1

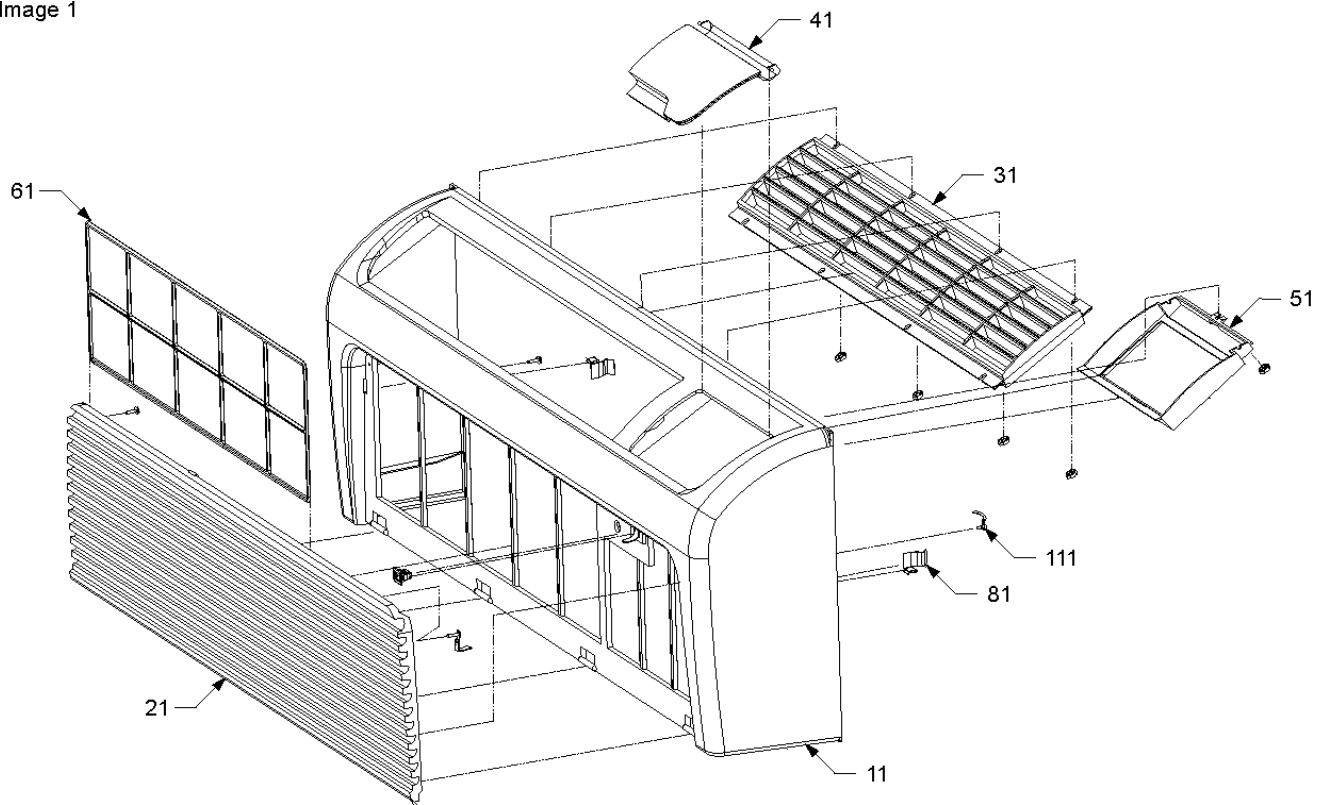
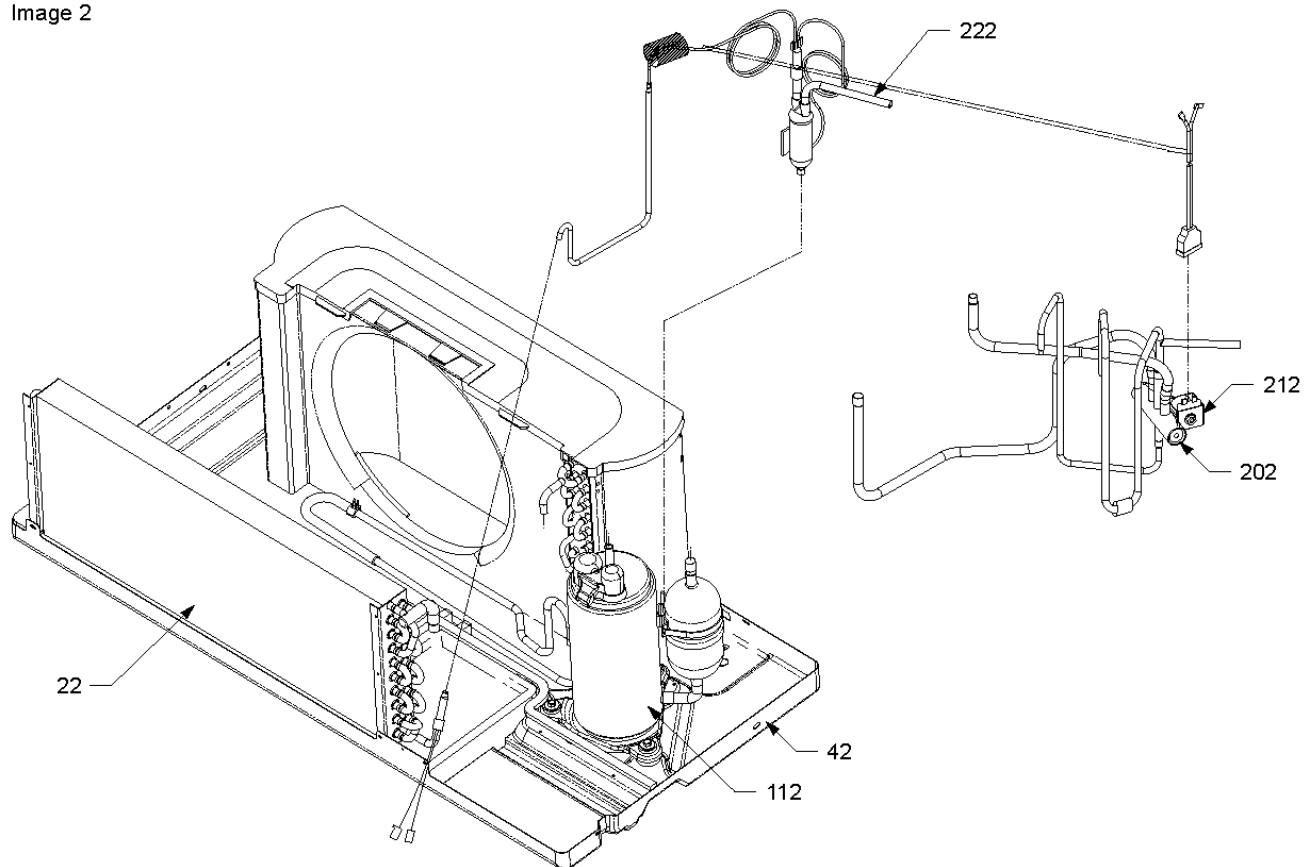


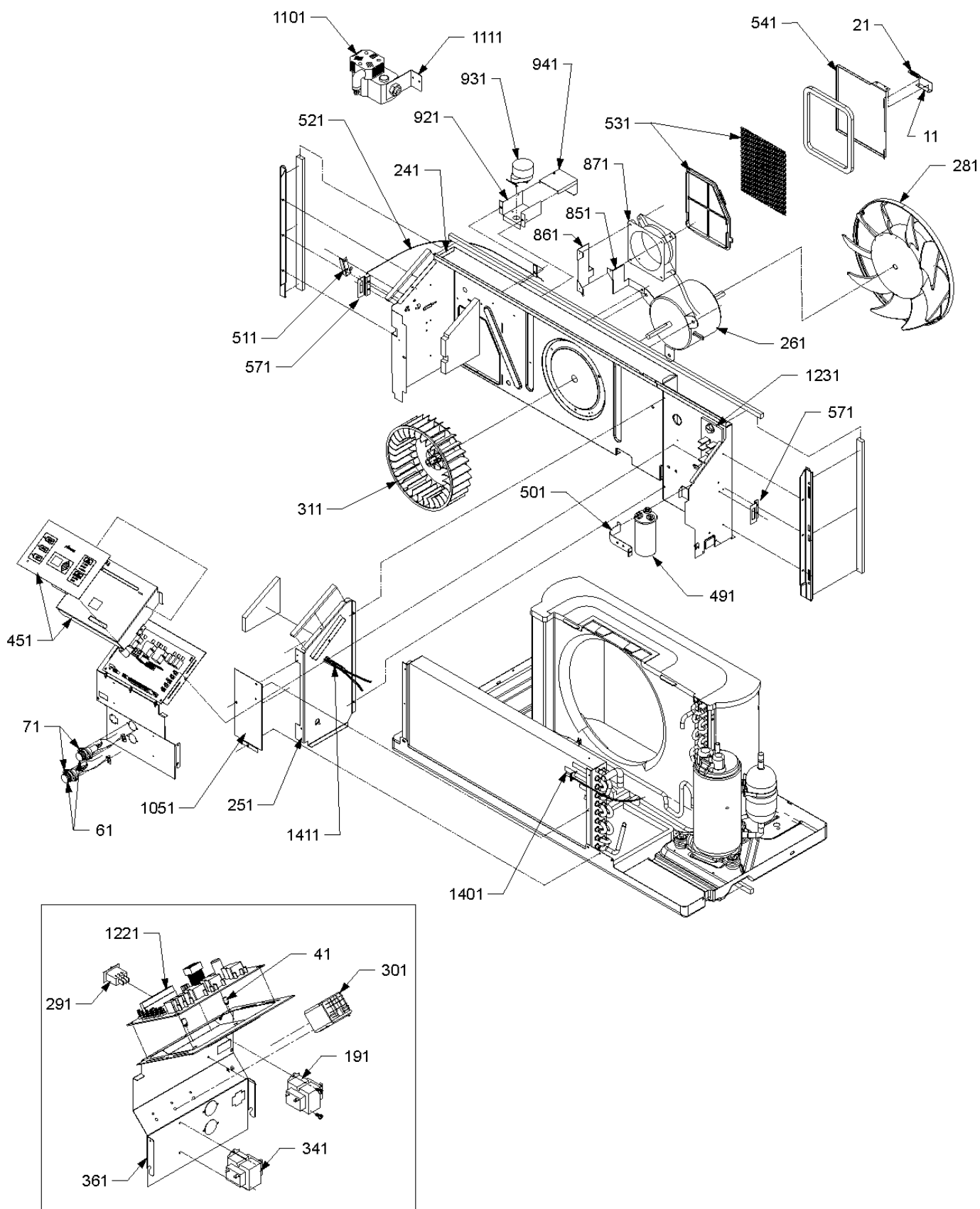
Image 2



Front Assy/Chassis/Cap Weld/Compressor

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>		Expanded Model Nomenclature	
11	0161P00000P	FRONT FRAME	M1 - PTH093B15AMBP
21	20415402	INTAKE GRILLE	M2 - PTH093B25BMBP
31	20415301	EXHAUST GRILLE	M3 - PTH093B25JMBP
41	20415901	DOOR ASSY	M4 - PTH093B35AMBP
51	20415601	CONTROL HOUSING	M5 - PTH093B35BMBP
61	20415801	FILTER	M6 - PTH093B35CMBP
81	11045102	SIDE CLIP (QTY 2)	M7 - PTH093B35XMBP
111	0161P00002P	STRAP-INLET GRILLE RESTRAINT (QTY 2)	M8 - PTH093B50AMBP
<i>Image 2:</i>		M9 - PTH093B50BMBP	
22	20456702S	TUBING ASSY, EVAP COIL (M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29, M30, M31)	M10 - PTH093B50CMBP
22	20457202S	TUBING ASSY, EVAP COIL (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18)	M11 - PTH094B15AMBP
42	20403508	BASEPAN	M12 - PTH094B25AMBP
112	D6985807H	COMPRESSOR 2P17S3R236A (M19, M20, M21, M22, M23, M24, M25, M26)	M13 - PTH094B25CMBP
112	D6985810H	COMPRESSOR 2P17S3R276A (M27, M28, M29, M30, M31)	M14 - PTH094B35AMBP
112	D6887711H	COMPRESSOR 2R13S3R236A (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10)	M15 - PTH094B35BMBP
112	D6887712H	COMPRESSOR 2R13S3R276A (M11, M12, M13, M14, M15, M16, M17, M18)	M16 - PTH094B35CMBP
202	0151P00000	REVERSING VALVE ASSY-230V (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M19, M20, M21, M22, M23, M24, M25, M26)	M17 - PTH094B50AMBP
202	0151P00001	REVERSING VALVE ASSY-265V (M11, M12, M13, M14, M15, M16, M17, M18, M27, M28, M29, M30, M31)	M18 - PTH094B50CMBP
212	22322201	REVERSING VALVE COIL 230V (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M19, M20, M21, M22, M23, M24, M25, M26)	M19 - PTH123B25AMBP
212	22322202	REVERSING VALVE COIL 265V (M11, M12, M13, M14, M15, M16, M17, M18, M27, M28, M29, M30, M31)	M20 - PTH123B35AMBP
222	0210P00000	CAPILLARY WELDMENT (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18)	M21 - PTH123B35BMBP
222	0210P00003	CAPILLARY WELDMENT (M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29, M30, M31)	M22 - PTH123B35CMBP
NS	11125301	CONDENSATE PUMP (M23)	M23 - PTH123B35DMBP
NS	20185702	CONDENSATE PUMP BRACKET (M23)	M24 - PTH123B35JMBP
NS	A3448602	GROMMET (M1, M2, M3, M4, M5, M6, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29, M30, M31)	M25 - PTH123B50AMBP
NS	A4622801	GROMMET (M7)	M26 - PTH123B50CMBP
NS	D6961612	OVERLOAD (M19, M20, M21, M22, M23, M24, M25, M26)	M27 - PTH124B15AMBP
NS	D6961639	OVERLOAD (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10)	M28 - PTH124B25AMBP
NS	D6961642	OVERLOAD (M11, M12, M13, M14, M15, M16, M17, M18)	M29 - PTH124B35AMBP
NS	D6961643	OVERLOAD (M27, M28, M29, M30, M31)	M30 - PTH124B35CMBP
NS	M0253610	SHOULDER SCREW (M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29, M30, M31)	M31 - PTH124B50AMBP
NS	M0253661	SHOULDER SCREW (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18)	

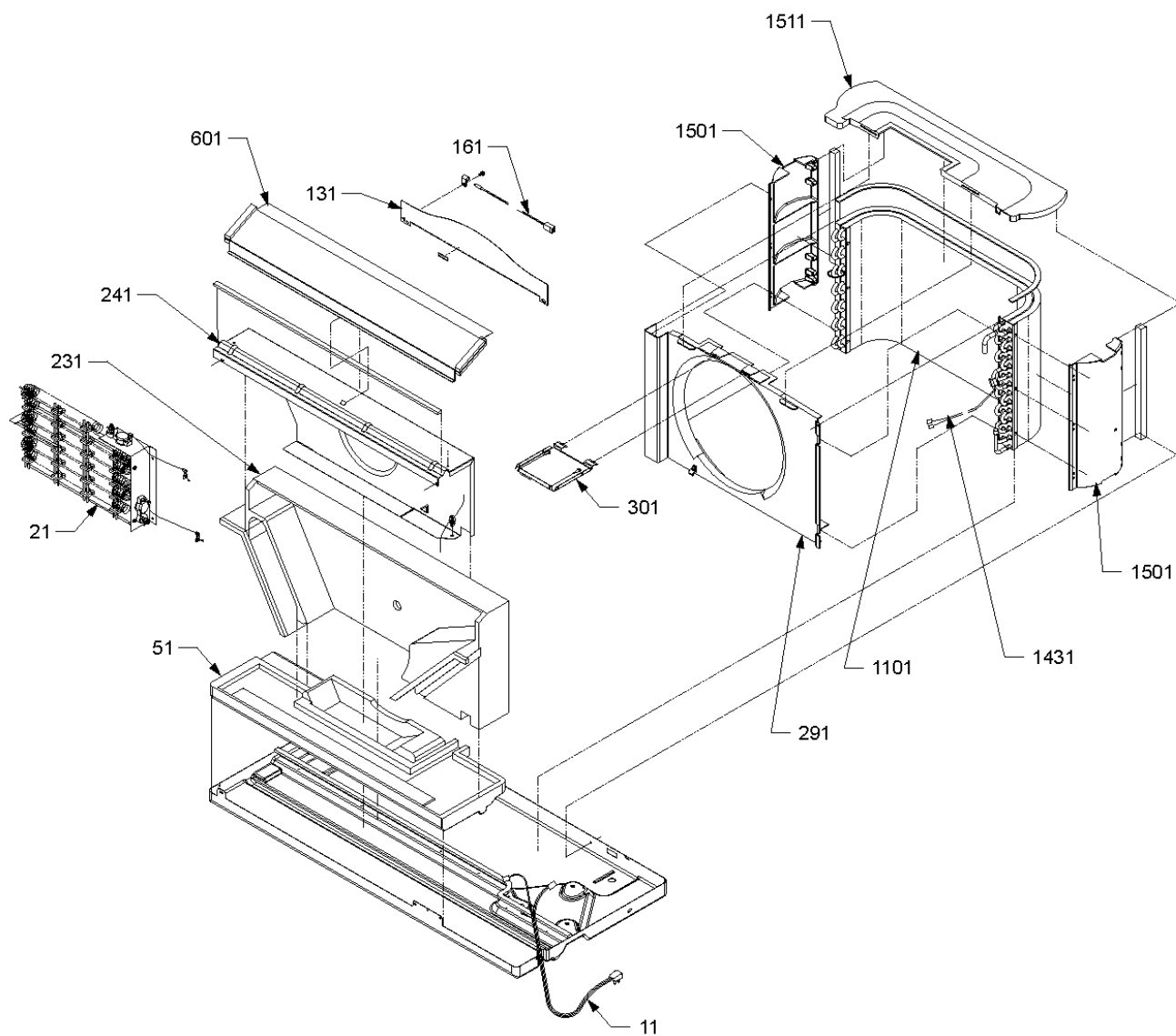
Chassis/Control Panel



Chassis/Control Panel

Ref. Part No: No: Description:			Ref. Part No: No: Description:		
<i>Image 1:</i>			1051	20410801	ACCESS COVER
11	11166301	POWER VENT BRACKET (M2, M3, M5, M9, M15, M21, M24)	1101	11125301	CONDENSATE PUMP (M22)
21	11166401	EXTENSION SPRING (M2, M3, M5, M9, M15, M21, M24)	1111	20185702	CONDENSATE PUMP BRACKET (M22)
41	M0590702	SUPPORT (QTY 2)	1221	PCBCP126	CONTROL BOARD, M61 WIRELESS (M1, M2, M3, M4, M5, M6, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26)
61	C6476001	BAYONET FUSE HOLDER (M11, M12, M13, M27, M28)	1221	RSKP0004	CONTROL BOARD, M61, WIRELESS (M7, M27, M28, M29, M30, M31)
61	C6476002	BAYONET FUSE HOLDER (M7, M14, M15, M16, M29, M30)	1231	B1160701	TERMINAL BOARD (M2, M3, M5, M9, M15, M21, M24)
61	C6476003	BAYONET FUSE HOLDER (M17, M18, M31)	1401	0130P00042	THERMISTOR-INDOOR AMBIENT
71	A3410402	FUSE 15A (M11, M12, M13, M27, M28)	1411	20295707	THERMISTOR-INDOOR COIL
71	A3410403	FUSE 20A (M7, M14, M15, M16, M29, M30)	Expanded Model Nomenclature		
71	A3410404	FUSE 25A (M17, M18, M31)	M1 - PTH093B15AMBP M2 - PTH093B25BMBP M3 - PTH093B25JMBP M4 - PTH093B35AMBP M5 - PTH093B35BMBP M6 - PTH093B35CMBP M7 - PTH093B35XMBP M8 - PTH093B50AMBP M9 - PTH093B50BMBP M10 - PTH093B50CMBP M11 - PTH094B15AMBP M12 - PTH094B25AMBP M13 - PTH094B25CMBP M14 - PTH094B35AMBP M15 - PTH094B35BMBP M16 - PTH094B35CMBP M17 - PTH094B50AMBP M18 - PTH094B50CMBP M19 - PTH123B25AMBP M20 - PTH123B35AMBP M21 - PTH123B35BMBP M22 - PTH123B35CMBP M23 - PTH123B35DMBP M24 - PTH123B35JMBP M25 - PTH123B50AMBP M26 - PTH123B50CMBP M27 - PTH124B15AMBP M28 - PTH124B25AMBP M29 - PTH124B35AMBP M30 - PTH124B35CMBP M31 - PTH124B50AMBP		
191	11172101	TRANSFORMER (M15)			
241	20403106PDG	PARTITION PANEL			
251	20403301	MID PARTITION PANEL			
261	0131P00002S	FAN MOTOR 100 W, 2 SP, 6 PL (M8, M9, M10, M19, M20, M21, M22, M23, M24, M25, M26)			
261	0131P00003S	FAN MOTOR 100W, 2 SP, 6 PL (M17, M18, M27, M28, M29, M30, M31)			
261	0131P00000S	FAN MOTOR 40W, 2 SP, 8 PL (M1, M2, M3, M4, M5, M6, M7)			
261	0131P00001S	FAN MOTOR 40W, 2 SP, 8 PL (M11, M12, M13, M14, M15, M16)			
281	20414601	CONDENSER FAN			
291	B1337701	PADDLE SWITCH (M2, M3, M5, M9, M15, M21, M24)			
301	C8873917	RELAY (M23)			
301	C8873932	RELAY (M2, M3, M5, M9, M15, M21, M24)			
311	11044101	BLOWER WHEEL			
341	20512501	TRANSFORMER (QTY AR)			
361	11044505	CONTROL PANEL			
451	RSKP0005	CONTROL PANEL COVER AND MEMBRANE			
491	CAP050150370RSS	CAPACITOR 5/15/370V (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10)			
491	CAP050150440RSS	CAPACITOR 5/15/440V (M11, M12, M13, M14, M15, M16, M17, M18)			
491	CAP050250440RSS	CAPACITOR 5/25/440V (M27, M28, M29, M30, M31)			
491	CAP050300370RSS	CAPACITOR 5/30/370V (M19, M20, M21, M22, M23, M24, M25, M26)			
501	C6300502	CAPACITOR STRAP			
511	11046302	LEVER ARM (M1, M4, M6, M7, M8, M10, M11, M12, M13, M14, M16, M17, M18, M19, M20, M22, M23, M25, M26, M27, M28, M29, M30, M31)			
521	11115401	CABLE (M1, M4, M6, M7, M8, M10, M11, M12, M13, M14, M16, M17, M18, M19, M20, M22, M23, M25, M26, M27, M28, M29, M30, M31)			
531	20304003	PROTECTION SHIELD			
541	11046105PDG	VENT DOOR			
571	11191702	PARTITION PANEL BRACKET (M21)			
571	11191703	PARTITION PANEL BRACKET (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M22, M23, M24, M25, M26, M27, M28, M29, M30, M31)			
851	11135801	FAN BRACKET RIGHT (M2, M5, M9, M15, M21)			
861	11145801	FAN BRACKET LEFT (M2, M5, M9, M15, M21)			
871	11149201	FAN MUFFIN (M2, M5, M9, M15, M21)			
921	11166101	POWER VENT MOTOR BRACKET (M2, M3, M5, M9, M15, M21, M24)			
931	11172801	POWER VENT MOTOR (M2, M3, M5, M9, M15, M21, M24)			
941	11166201	POWER VENT COVER BRACKET (M2, M3, M5, M9, M15, M21, M24)			

Chassis/Heater



Chassis/Heater

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

11	0130P00006	CORD 250 VAC, 15A (LCDI) (M1, M2, M3, M19)
11	0130P00007	CORD 250 VAC, 20A (LCDI) (M4, M5, M6, M20, M21, M22, M23, M24)
11	0130P00008	CORD 250 VAC, 30A (LCDI) (M8, M9, M10, M25, M26)
11	11114701	CORD 277 VAC, 20A (M11, M12, M13, M14, M15, M16, M27, M28, M29, M30)
11	11114801	CORD 277 VAC, 30A (M17, M18, M31)
21	22312901	HEATER 3 1.5 KW ASSY (M1)
21	22312902	HEATER 3 2.5 KW ASSY (M2, M3, M19)
21	22312903	HEATER 3 3.5 KW ASSY (M4, M5, M6, M7, M20, M21, M22, M23, M24)
21	22312904	HEATER 3 5.0 KW ASSY (M8, M9, M10, M25, M26)
21	22312905	HEATER 4 1.5 KW ASSY (M11, M27)
21	22312906	HEATER 4 2.5 KW ASSY (M12, M13, M28)
21	22312907	HEATER 4 3.7 KW ASSY (M14, M15, M16, M29, M30)
21	22312908	HEATER 4 5.0 KW ASSY (M17, M18, M31)
51	B20403802	EVAPORATOR PAD
131	20515304	BLOWER INTAKE
161	0130P00038	THERMISTOR-DISCHARGE
231	20356702	BLOWER SCROLL
241	20364804	BLOWER INTAKE
291	20401301	CONDENSER SHROUD
301	11044201PDG	TIE BRACE
601	11123911	DISCHARGE SCREEN
1101	0201P00000DGS	CONDENSER ASSY (M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29, M30, M31)
1101	20456602PDGS	CONDENSER ASSY (M6, M10, M13, M16, M18)
1101	20456603S	CONDENSER ASSY (M1, M2, M3, M4, M5, M7, M8, M9, M11, M12, M14, M15, M17)
1431	20295709	THERMISTOR-HEAT PUMP
1501	20357001	CONDENSER SIDE COVER (QTY 2)
1511	20396701	CONDENSER TOP COVER

Expanded Model Nomenclature

M1 - PTH093B15AMBP
M2 - PTH093B25BMBP
M3 - PTH093B25JMBP
M4 - PTH093B35AMBP
M5 - PTH093B35BMBP
M6 - PTH093B35CMBP
M7 - PTH093B35XMBP
M8 - PTH093B50AMBP
M9 - PTH093B50BMBP
M10 - PTH093B50CMBP
M11 - PTH094B15AMBP
M12 - PTH094B25AMBP
M13 - PTH094B25CMBP
M14 - PTH094B35AMBP
M15 - PTH094B35BMBP
M16 - PTH094B35CMBP
M17 - PTH094B50AMBP
M18 - PTH094B50CMBP
M19 - PTH123B25AMBP
M20 - PTH123B35AMBP
M21 - PTH123B35BMBP
M22 - PTH123B35CMBP
M23 - PTH123B35DMBP
M24 - PTH123B35JMBP
M25 - PTH123B50AMBP
M26 - PTH123B50CMBP
M27 - PTH124B15AMBP
M28 - PTH124B25AMBP
M29 - PTH124B35AMBP
M30 - PTH124B35CMBP
M31 - PTH124B50AMBP