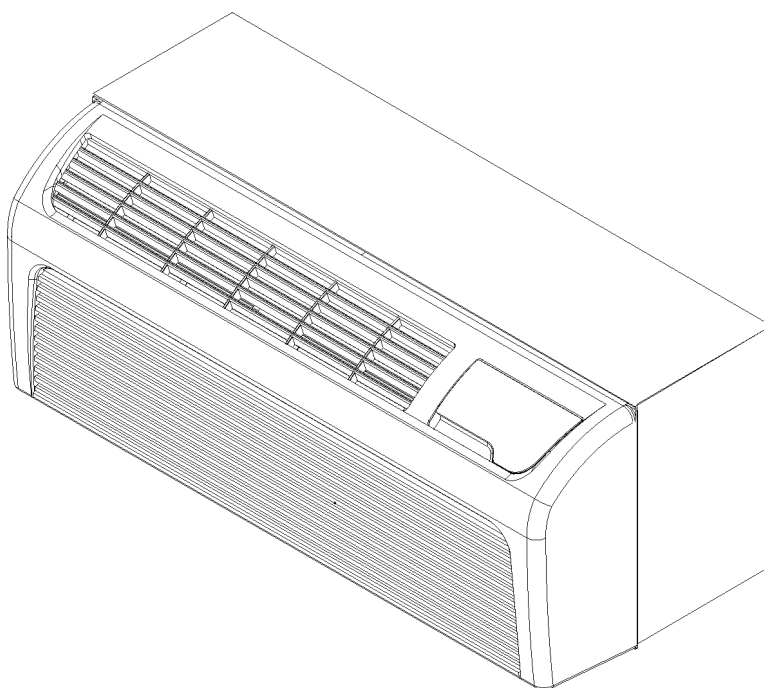


PTH Packaged Terminal Heat Pumps

PTH073B15AM	P1260851R
PTH093B25AM	P1260833R
PTH093B25BM	P1261005R
PTH093B35CM	P1260909R
PTH093B50AM	P1260834R
PTH094B15AM	P1260852R
PTH094B25AM	P1260835R
PTH094B25CM	P1260903R
PTH094B35CM	P1260904R
PTH094B50AM	P1260836R
PTH094B50CM	P1260912R
PTH105B30AM	P1260859R
PTH123B35BM	P1261006R
PTH123B35JM	P1261007R
PTH123B50AM	P1260838R
PTH124B25AM	P1260839R
PTH124B25CM	P1260905R
PTH124B50AM	P1260840R
PTH125B30AM	P1260860R
PTH153B25AM	P1260841R
PTH153B35BM	P1261008R
PTH153B35CM	P1260911R
PTH153B50AM	P1260842R
PTH153B50BM	P1261009R
PTH153B50CM	P1260901R
PTH154B25AM	P1260843R
PTH154B25CM	P1260906R
PTH154B35CM	P1260907R
PTH154B50AM	P1260844R
PTH154B50CM	P1260908R



Important Information

Index

Functional Parts List	3 - 4
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

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:

22322301	ASSY-REVERSING VALVE (M1, M2, M5, M8, M9, M12, M14, M15, M16, M23, M24, M26, M27, M28, M29, M30)	20457202S	EVAP ASSY (M1, M2, M3, M4, M13, M17, M18, M23, M25, M26)
22322302	ASSY-REVERSING VALVE (M3, M4, M6, M7, M10, M11, M17, M18, M19, M20, M21, M22, M25)	20473902S	EVAP ASSY (M12)
CAP050150370RS	CAPACITOR 5/15/370V (M1, M2, M12, M23, M26)	20415801	FILTER
CAP050150440RS	CAPACITOR 5/15/440V (M3, M4, M6, M7, M13, M17, M18, M19, M25)	A3410402	FUSE-15A (M3, M6, M10, M13, M17, M19, M20)
CAP050300370RS	CAPACITOR 5/30/370V (M5, M27, M28)	A3410403	FUSE-20A (M18, M21)
CAP050350370RS	CAPACITOR 5/35/370V (M8, M9, M14, M16, M24, M29, M30)	A3410404	FUSE-25 AMP (M4, M7, M11, M22, M25)
CAP050350440RS	CAPACITOR 5/35/440V (M10, M11, M20, M21, M22)	22312901	HEATER 3 1.5 KW ASSY (M12)
CAP050500370RT	CAPACITOR 5/50/370V (M15)	22312902	HEATER 3 2.5 KW ASSY (M1, M8, M26)
20472702	CAPILLARY WELD (M5, M6, M7, M14, M19, M27, M28)	22312903	HEATER 3 3.5 KW ASSY (M23, M24, M27, M28, M29, M30)
20473202	CAPILLARY WELD (M12)	22312904	HEATER 3 5.0 KW ASSY (M2, M5, M9, M16, M30)
22322202	COIL-REVERSING VALVE (M3, M4, M6, M7, M10, M11, M13, M14, M15, M17, M18, M19, M20, M21, M22, M25, M26)	22312905	HEATER 4 1.5 KW ASSY (M13)
22322201	COIL-REVERSING VALVE (M1, M2, M5, M8, M9, M12, M16, M23, M24, M27, M28, M29, M30)	22312906	HEATER 4 2.5 KW ASSY (M3, M6, M10, M17, M19, M20)
D6926123H	COMPRESSOR 2K21T236B-UA (M8, M9, M16, M24, M29, M30)	22312907	HEATER 4 3.7 KW ASSY (M14, M15, M18, M21)
D6926124H	COMPRESSOR 2K21T276A-UB (M10, M11, M15, M20, M21, M22)	22312908	HEATER 4 5.0 KW ASSY (M4, M7, M11, M22, M25)
D6985807H	COMPRESSOR 2P17S3R236A (M5, M27, M28)	0131P00002S	MOTOR-FAN 100 W, 2 SP, 6 PL (M2, M5, M8, M9, M16, M24, M27, M28, M29, M30)
D6985810H	COMPRESSOR 2P17S3R276A (M6, M7, M14, M19)	0131P00003S	MOTOR-FAN 100 W, 2 SP, 6 PL (M4, M6, M7, M10, M11, M14, M15, M19, M20, M21, M22, M25)
D6887711H	COMPRESSOR 2R13S3R236A (M1, M2, M23, M26)	0131P00001S	MOTOR-FAN 40 W, 2 SP, 8 PL (M3, M13, M17, M18)
D6887712H	COMPRESSOR 2R13S3R276A (M3, M4, M13, M17, M18, M25)	0131P00000S	MOTOR-FAN 40 W, 2 SP, 8 PL (M1, M12, M23, M26)
D6887715H	COMPRESSOR 2R9U236A6A (M12)	11172801	MOTOR-POWER VENT (M26, M27, M28, M29, M30)
20456605BND	COND ASSY (M8, M9, M10, M11, M15, M16, M20, M21, M22, M24, M29, M30)	D6961636	OVERLOAD (M12)
20456604BND	COND ASSY (M5, M6, M7, M14, M19, M27, M28)	D6961639	OVERLOAD (M1, M2, M23, M26)
20456603S	COND ASSY (M1, M2, M3, M4, M12, M13, M17, M18, M23, M25, M26)	D6961642	OVERLOAD (M3, M4, M13, M17, M18, M25)
RSKP0004	CONTROL BOARD-M61 WIRELESS	D6961658	OVERLOAD (M15)
0130P00006	CORD-250V 15A (M1, M8, M12, M26)	D6961657	OVERLOAD (M10, M11, M20, M21, M22)
0130P00007	CORD-250V 20A (M14, M15, M23, M24, M27, M28, M29)	D6961646	OVERLOAD (M14)
0130P00008	CORD-250V 30A (M2, M5, M9, M16, M30)	D6961612	OVERLOAD (M5, M27, M28)
11114701	CORD-277V 20A (M3, M6, M10, M13, M17, M18, M19, M20, M21)	D6961643	OVERLOAD (M6, M7, M19)
11114801	CORD-277V 30A (M4, M7, M11, M22, M25)	B1337701	PADDLE SWITCH (M26, M27, M28, M29, M30)
20456702S	EVAP ASSY (M5, M6, M7, M8, M9, M10, M11, M14, M15, M16, M19, M20, M21, M22, M24, M27, M28, M29, M30)	C8873932	RELAY (M26, M27, M28, M29, M30)
		B1160701	TERMINAL BOARD (M26, M27, M28, M29, M30)
		20295708	THERMISTOR-DISCHARGE
		20295709	THERMISTOR-HEAT PUMP
		20295706	THERMISTOR-INDOOR AMBIENT
		20295707	THERMISTOR-INDOOR COIL
		11044201PDG	TIE BRACE
		11044201PDG	TIE BRACE

Functional Parts

Part

No: Description:

20512501	TRANSFORMER (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29, M30)
20512501	TRANSFORMER (M14, M15, M26, M27, M28, M29, M30)

SPECIAL PARTS

20490201	INSPECTION SHEET-SLEEVE/DRAIN
22308201	LITERATURE-DIAGNOSTIC
RP-453	REPAIR PARTS MANUAL
20517602	USER'S MANUAL (M14, M15)
IO-293B	USER'S MANUAL (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29, M30)

Expanded Model Nomenclature

M1 - PTH093B25AM	P1260833R
M2 - PTH093B50AM	P1260834R
M3 - PTH094B25AM	P1260835R
M4 - PTH094B50AM	P1260836R
M5 - PTH123B50AM	P1260838R
M6 - PTH124B25AM	P1260839R
M7 - PTH124B50AM	P1260840R
M8 - PTH153B25AM	P1260841R
M9 - PTH153B50AM	P1260842R
M10 - PTH154B25AM	P1260843R
M11 - PTH154B50AM	P1260844R
M12 - PTH073B15AM	P1260851R
M13 - PTH094B15AM	P1260852R
M14 - PTH105B30AM	P1260859R
M15 - PTH125B30AM	P1260860R
M16 - PTH153B50CM	P1260901R
M17 - PTH094B25CM	P1260903R
M18 - PTH094B35CM	P1260904R
M19 - PTH124B25CM	P1260905R
M20 - PTH154B25CM	P1260906R
M21 - PTH154B35CM	P1260907R
M22 - PTH154B50CM	P1260908R
M23 - PTH093B35CM	P1260909R
M24 - PTH153B35CM	P1260911R
M25 - PTH094B50CM	P1260912R
M26 - PTH093B25BM	P1261005R
M27 - PTH123B35BM	P1261006R
M28 - PTH123B35JM	P1261007R
M29 - PTH153B35BM	P1261008R
M30 - PTH153B50BM	P1261009R

THIS PAGE INTENTIONALLY LEFT BLANK

Front Assy/Chassis/Cap Weld/Compressor

Image 1

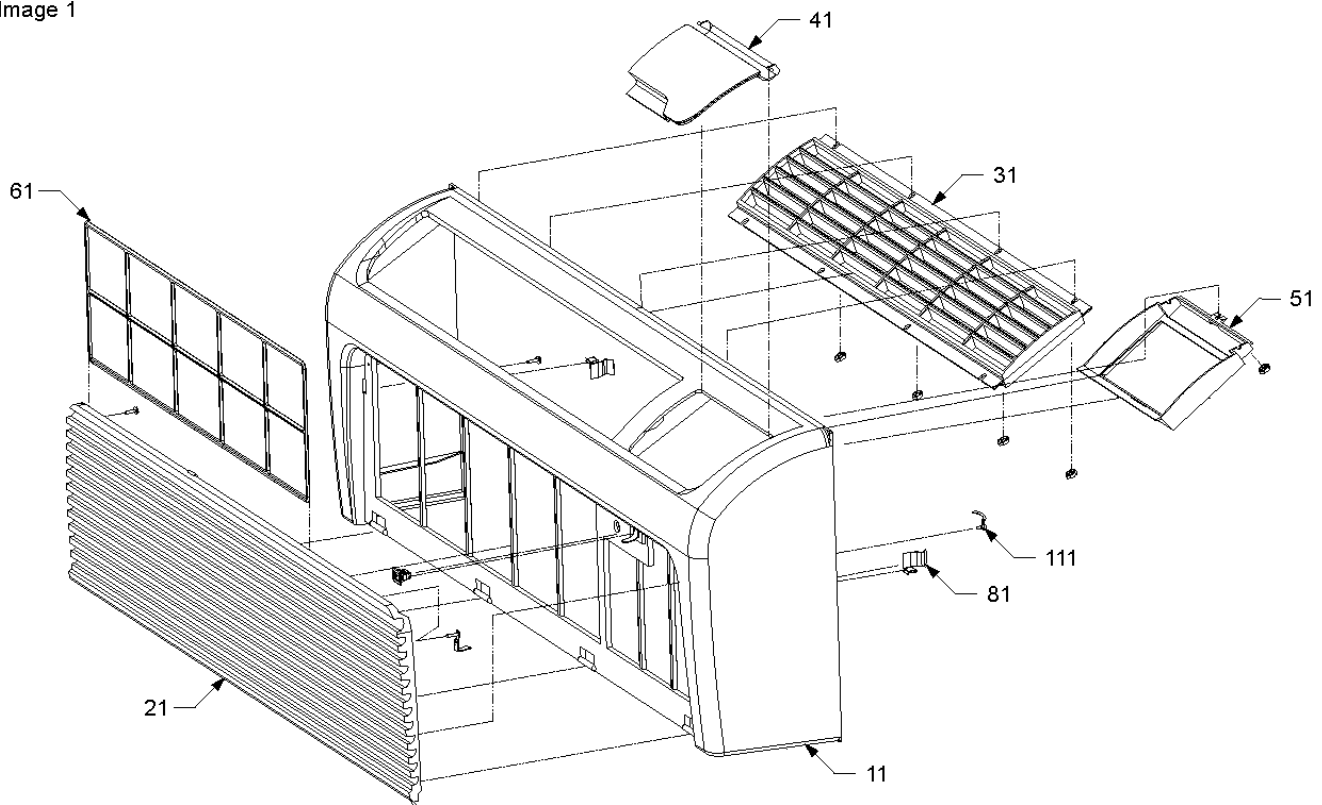
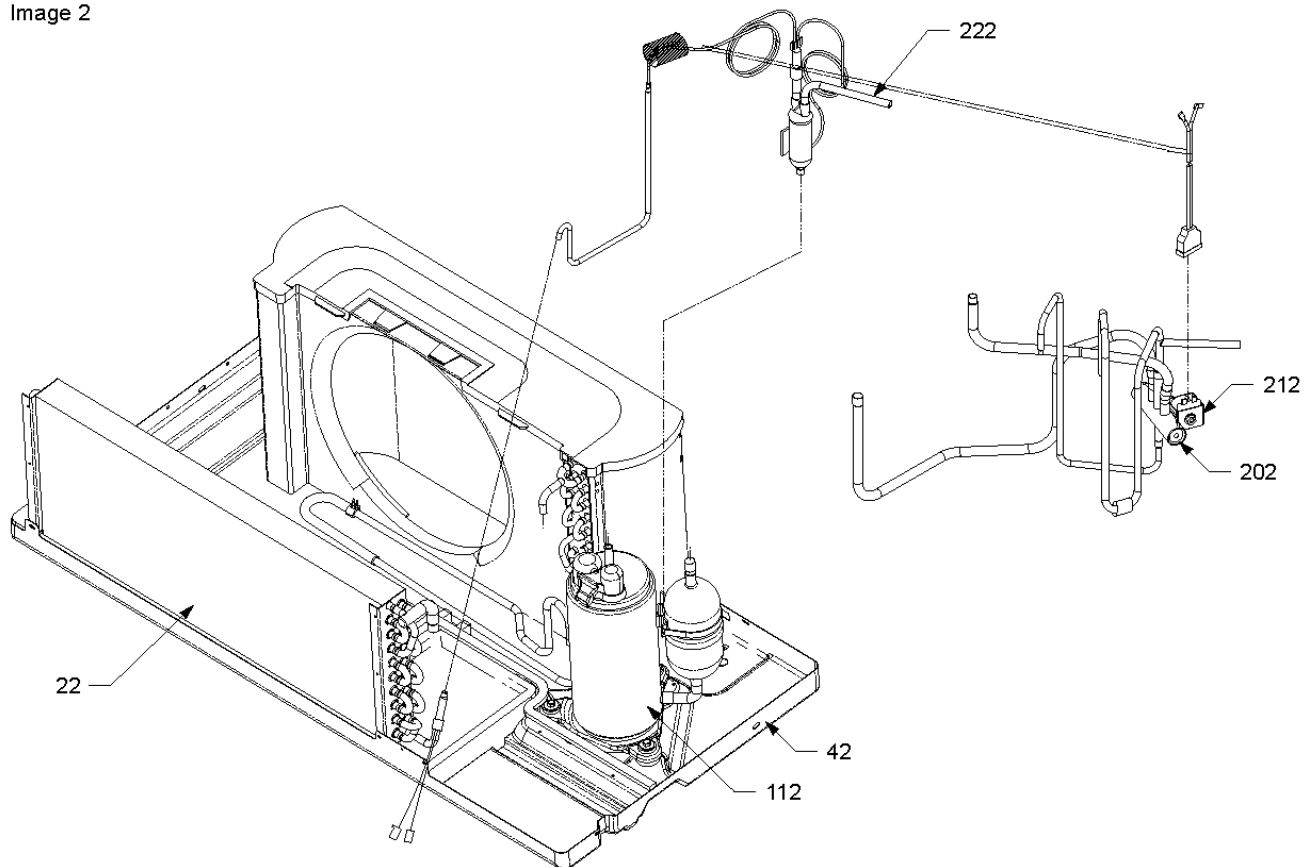


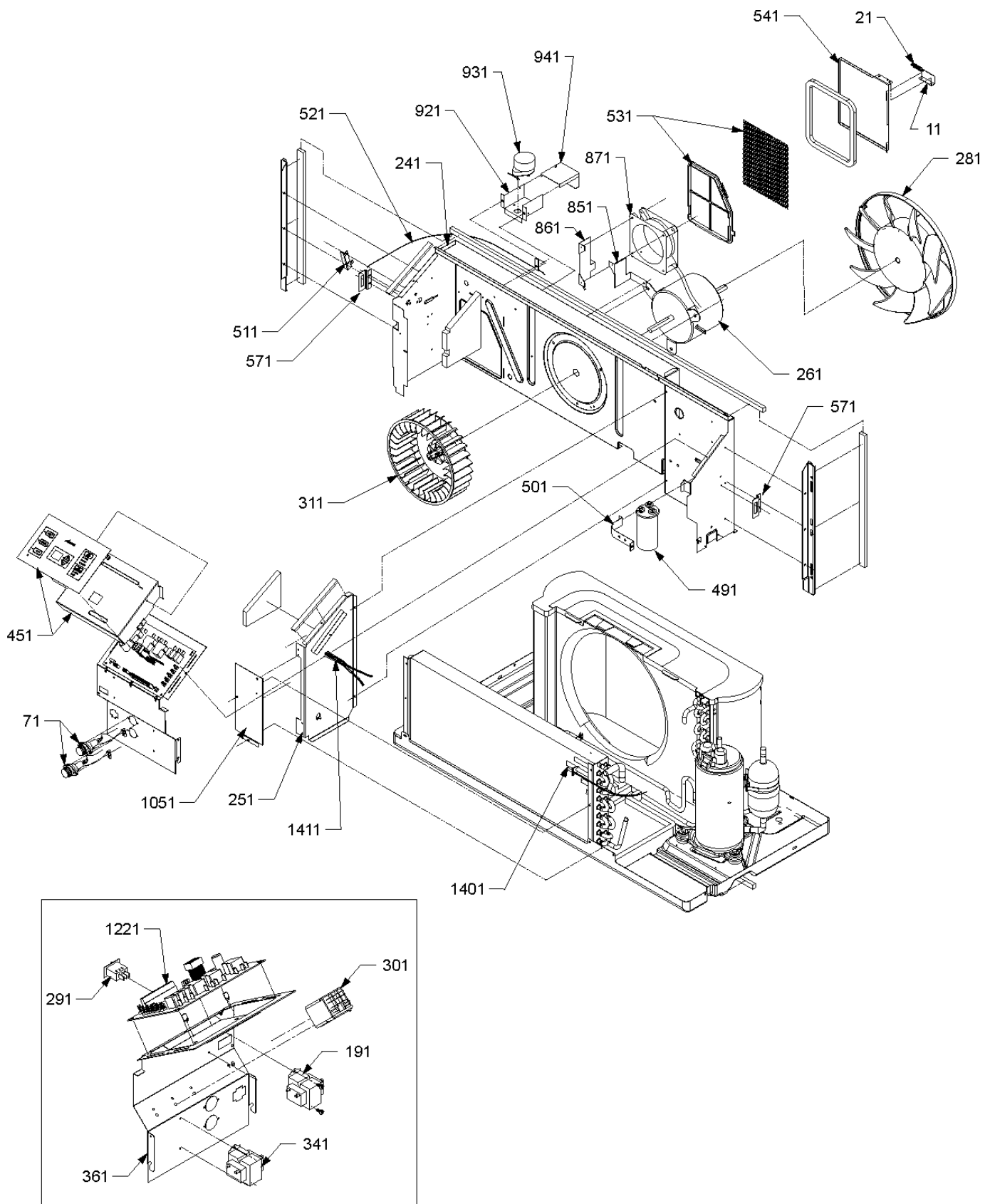
Image 2



Front Assy/Chassis/Cap Weld/Compressor

Ref Part No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>		NS D6961657	OVERLOAD (M10, M11, M20, M21, M22)
11	0161P00000A	NS D6961658	OVERLOAD (M15)
21	20415402	NS M0227803	TC SCREW (QTY 2)
31	20415301	Expanded Model Nomenclature	
51	20415601	M1 - PTH093B25AM	P1260833R
61	20415801	M2 - PTH093B50AM	P1260834R
81	11045102	M3 - PTH094B25AM	P1260835R
111	0161P00002P	M4 - PTH094B50AM	P1260836R
131	20415901	M5 - PTH123B50AM	P1260838R
<i>Image 2:</i>		M6 - PTH124B25AM	P1260839R
22	20456702S	M7 - PTH124B50AM	P1260840R
		M8 - PTH153B25AM	P1260841R
22	20457202S	M9 - PTH153B50AM	P1260842R
		M10 - PTH154B25AM	P1260843R
22	20473902S	M11 - PTH154B50AM	P1260844R
42	0121P00017LG	M12 - PTH073B15AM	P1260851R
		M13 - PTH094B15AM	P1260852R
42	20403508	M14 - PTH105B30AM	P1260859R
		M15 - PTH125B30AM	P1260860R
42	M0590702	M16 - PTH153B50CM	P1260901R
112	D6926123H	M17 - PTH094B25CM	P1260903R
		M18 - PTH094B35CM	P1260904R
112	D6926124H	M19 - PTH124B25CM	P1260905R
		M20 - PTH154B25CM	P1260906R
112	D6985810H	M21 - PTH154B35CM	P1260907R
112	D6887711H	M22 - PTH154B50CM	P1260908R
112	D6887712H	M23 - PTH093B35CM	P1260909R
		M24 - PTH153B35CM	P1260911R
112	D6887715H	M25 - PTH094B50CM	P1260912R
132	D6985807H	M26 - PTH093B25BM	P1261005R
202	22322301	M27 - PTH123B35BM	P1261006R
		M28 - PTH123B35JM	P1261007R
202	22322302	M29 - PTH153B35BM	P1261008R
		M30 - PTH153B50BM	P1261009R
212	22322201		
212	22322202		
222	20451502		
222	20472702		
222	20473202		
222	20474002		
NS	A3448602		
NS	A4622801		
NS	D6961612		
NS	D6961636		
NS	D6961639		
NS	D6961642		
NS	D6961643		
NS	D6961646		

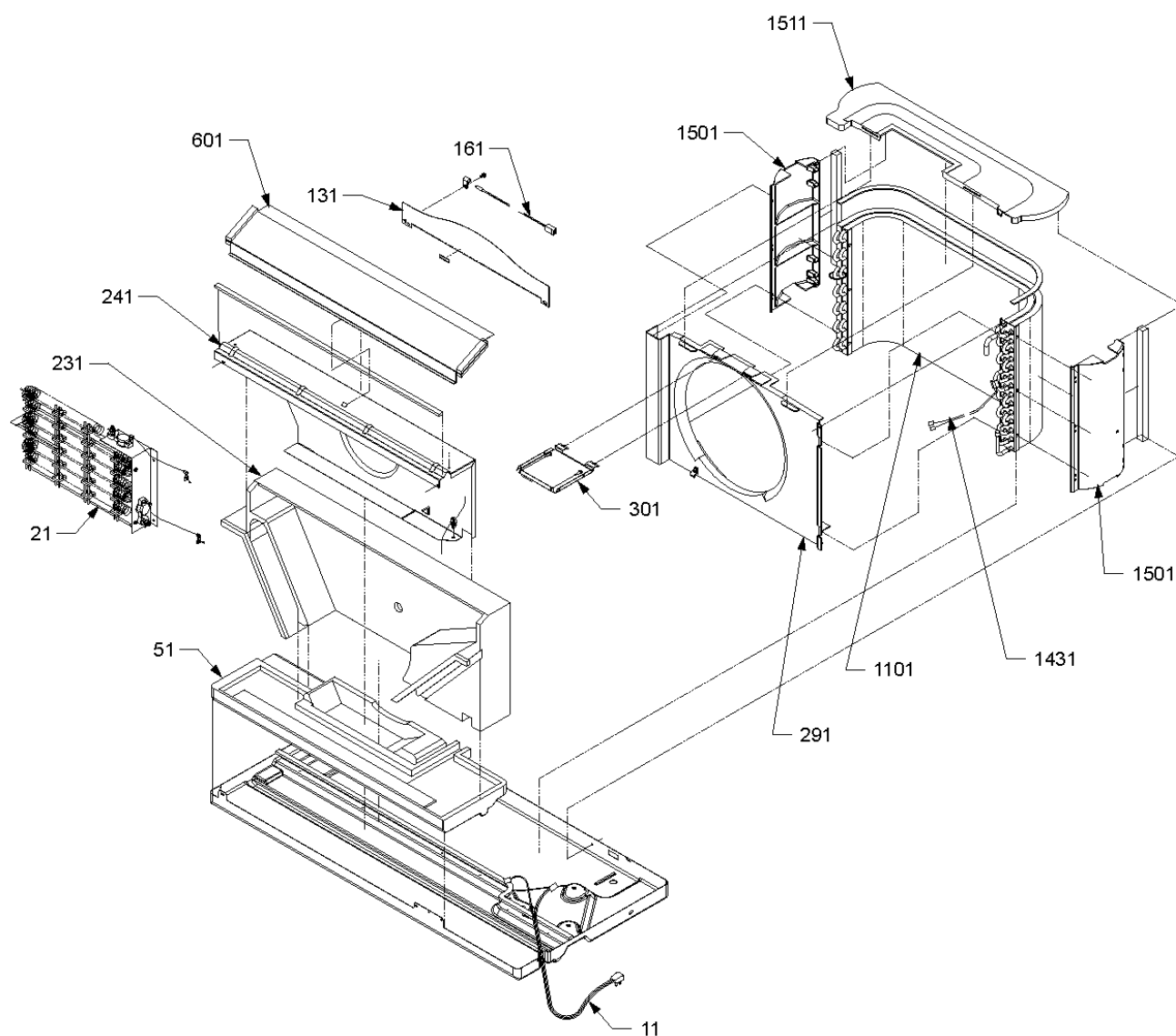
Chassis/Control Panel



Chassis/Control Panel

Ref Part No:	Description:	Ref. Part No:	Description:
<i>Image 1:</i>		921 11166101	MOTOR BRACKET (M26, M27, M28, M29, M30)
11 11166301	BRACKET-POWER VENT (M26, M27, M28, M29, M30)	931 11172801	MOTOR-POWER VENT (M26, M27, M28, M29, M30)
21 11166401	EXTENSION SPRING (M26, M27, M28, M29, M30)	941 11166201	COVER BRACKET (M26, M27, M28, M29, M30)
71 A3410402	FUSE-15A (M3, M6, M10, M13, M17, M19, M20)	1051 20410801	ACCESS COVER
71 A3410403	FUSE-20A (M18, M21)	1221 B1160701	TERMINAL BOARD (M26, M27, M28, M29, M30)
71 A3410404	FUSE-25 AMP (M4, M7, M11, M22, M25)	1401 20295706	THERMISTOR-INDOOR AMBIENT
191 20512501	TRANSFORMER (M14, M15, M26, M27, M28, M29, M30)	1411 20295707	THERMISTOR-INDOOR COIL
241 20403106PDG	PARTITION PANEL	<i>Image 2:</i>	
251 20403301	PANEL-MID PARTITION	62 C6476001	FUSE HOLDER-BAYONET (M3, M6, M10, M13, M17, M19, M20)
261 0131P00002S	MOTOR-FAN 100 W, 2 SP, 6 PL (M2, M5, M8, M9, M16, M24, M27, M28, M29, M30)	62 C6476002	FUSE HOLDER-BAYONET (M18, M21)
261 0131P00003S	MOTOR-FAN 100 W, 2 SP, 6 PL (M4, M6, M7, M10, M11, M14, M15, M19, M20, M21, M22, M25)	62 C6476003	FUSE HOLDER-BAYONET (M4, M7, M11, M22, M25)
261 0131P00000S	MOTOR-FAN 40 W, 2 SP, 8 PL (M1, M12, M23, M26)	1222 RSKP0004	CONTROL BOARD-M61 WIRELESS
261 0131P00001S	MOTOR-FAN 40 W, 2 SP, 8 PL (M3, M13, M17, M18)	Expanded Model Nomenclature	
281 20414601	CONDENSER FAN	M1 - PTH093B25AM	P1260833R
291 B1337701	PADDLE SWITCH (M26, M27, M28, M29, M30)	M2 - PTH093B50AM	P1260834R
301 C8873932	RELAY (M26, M27, M28, M29, M30)	M3 - PTH094B25AM	P1260835R
301 11044201PDG	TIE BRACE	M4 - PTH094B50AM	P1260836R
311 11044101	BLOWER WHEEL	M5 - PTH123B50AM	P1260838R
341 20512501	TRANSFORMER (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29, M30)	M6 - PTH124B25AM	P1260839R
361 11044505	CONTROL PANEL	M7 - PTH124B50AM	P1260840R
451 RSKP0005	CONTROL PANEL COVER AND MEMBRANE	M8 - PTH153B25AM	P1260841R
491 CAP050150370RS	CAPACITOR 5/15/370V (M1, M2, M12, M23, M26)	M9 - PTH153B50AM	P1260842R
491 CAP050150440RS	CAPACITOR 5/15/440V (M3, M4, M6, M7, M13, M17, M18, M19, M25)	M10 - PTH154B25AM	P1260843R
491 CAP050300370RS	CAPACITOR 5/30/370V (M5, M27, M28)	M11 - PTH154B50AM	P1260844R
491 CAP050350370RS	CAPACITOR 5/35/370V (M8, M9, M14, M16, M24, M29, M30)	M12 - PTH073B15AM	P1260851R
491 CAP050350440RS	CAPACITOR 5/35/440V (M10, M11, M20, M21, M22)	M13 - PTH094B15AM	P1260852R
491 CAP050500370RT	CAPACITOR 5/50/370V (M15)	M14 - PTH105B30AM	P1260859R
501 C6300502	CAPACITOR STRAP (M1, M2, M3, M4, M5, M6, M7, M8, M9, M12, M13, M14, M16, M17, M18, M19, M23, M24, M25, M26, M27, M28, M29, M30)	M15 - PTH125B30AM	P1260860R
501 C6300503	CAPACITOR STRAP (M10, M11, M15, M20, M21, M22)	M16 - PTH153B50CM	P1260901R
511 11046302	LEVER ARM (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25)	M17 - PTH094B25CM	P1260903R
521 11115401	CABLE (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25)	M18 - PTH094B35CM	P1260904R
531 20304003	PROTECTION SHIELD	M19 - PTH124B25CM	P1260905R
541 11046105PDG	VENT DOOR	M20 - PTH154B25CM	P1260906R
571 11191702	BRACKET-PARTITION PANEL (M27)	M21 - PTH154B35CM	P1260907R
571 11191703	BRACKET-PARTITION PANEL (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M28, M29, M30)	M22 - PTH154B50CM	P1260908R
851 11135801	BRACKET-RIGHT FAN (M26, M27, M29, M30)	M23 - PTH093B35CM	P1260909R
861 11145801	BRACKET-LEFT FAN (M26, M27, M29, M30)	M24 - PTH153B35CM	P1260911R
871 11149201	MUFFIN FAN (M26, M27, M29, M30)	M25 - PTH094B50CM	P1260912R
		M26 - PTH093B25BM	P1261005R
		M27 - PTH123B35BM	P1261006R
		M28 - PTH123B35JM	P1261007R
		M29 - PTH153B35BM	P1261008R
		M30 - PTH153B50BM	P1261009R

Chassis/Heater



Chassis/Heater

Ref Part No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>		Expanded Model Nomenclature	
11	0130P00006	CORD-250V 15A (M1, M8, M12, M26)	M1 - PTH093B25AM P1260833R
11	0130P00007	CORD-250V 20A (M14, M15, M23, M24, M27, M28, M29)	M2 - PTH093B50AM P1260834R
11	0130P00008	CORD-250V 30A (M2, M5, M9, M16, M30)	M3 - PTH094B25AM P1260835R
11	11114701	CORD-277V 20A (M3, M6, M10, M13, M17, M18, M19, M20, M21)	M4 - PTH094B50AM P1260836R
11	11114801	CORD-277V 30A (M4, M7, M11, M22, M25)	M5 - PTH123B50AM P1260838R
21	22312901	HEATER 3 1.5 KW ASSY (M12)	M6 - PTH124B25AM P1260839R
21	22312902	HEATER 3 2.5 KW ASSY (M1, M8, M26)	M7 - PTH124B50AM P1260840R
21	22312903	HEATER 3 3.5 KW ASSY (M23, M24, M27, M28, M29, M30)	M8 - PTH153B25AM P1260841R
21	22312904	HEATER 3 5.0 KW ASSY (M2, M5, M9, M16, M30)	M9 - PTH153B50AM P1260842R
21	22312905	HEATER 4 1.5 KW ASSY (M13)	M10 - PTH154B25AM P1260843R
21	22312906	HEATER 4 2.5 KW ASSY (M3, M6, M10, M17, M19, M20)	M11 - PTH154B50AM P1260844R
21	22312907	HEATER 4 3.7 KW ASSY (M14, M15, M18, M21)	M12 - PTH073B15AM P1260851R
21	22312908	HEATER 4 5.0 KW ASSY (M4, M7, M11, M22, M25)	M13 - PTH094B15AM P1260852R
51	B20403802	EVAPORATOR PAD	M14 - PTH105B30AM P1260859R
131	20515301	BLOWER INTAKE, EXTERNAL	M15 - PTH125B30AM P1260860R
161	20295708	THERMISTOR-DISCHARGE	M16 - PTH153B50CM P1260901R
231	20356701	BLOWER SCROLL (M29, M30)	M17 - PTH094B25CM P1260903R
231	B20356703	BLOWER SCROLL (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)	M18 - PTH094B35CM P1260904R
241	20364803	BLOWER INTAKE	M19 - PTH124B25CM P1260905R
291	20401301	CONDENSER SHROUD	M20 - PTH154B25CM P1260906R
301	11044201PDG	TIE BRACE	M21 - PTH154B35CM P1260907R
601	11123903	DISCHARGE SCREEN	M22 - PTH154B50CM P1260908R
601	11123911	DISCHARGE SCREEN	M23 - PTH093B35CM P1260909R
1101	20456603S	COND ASSY (M1, M2, M3, M4, M12, M13, M17, M18, M23, M25, M26)	M24 - PTH153B35CM P1260911R
1101	20456604BND	COND ASSY (M5, M6, M7, M14, M19, M27, M28)	M25 - PTH094B50CM P1260912R
1101	20456605BND	COND ASSY (M8, M9, M10, M11, M15, M16, M20, M21, M22, M24, M29, M30)	M26 - PTH093B25BM P1261005R
1431	20295709	THERMISTOR-HEAT PUMP	M27 - PTH123B35BM P1261006R
1501	20357001	SIDE COVER-CONDENSER (QTY 2)	M28 - PTH123B35JM P1261007R
1511	20396701	TOP COVER	M29 - PTH153B35BM P1261008R
			M30 - PTH153B50BM P1261009R