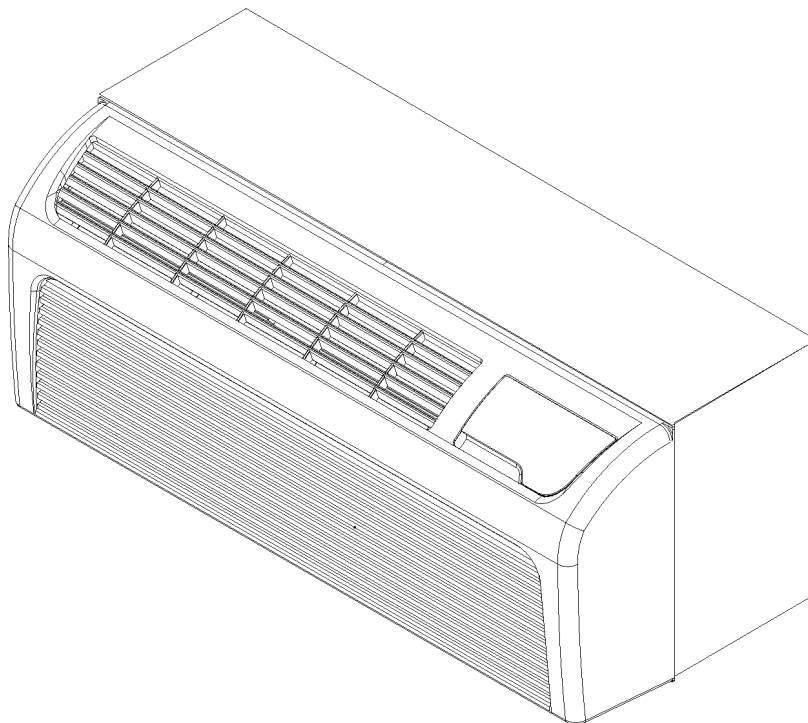


PTH153*DA PTAC Packaged Heat Pumps

PTH153D15ARDA
PTH153D25ARDA
PTH153D25AZDA
PTH153D25CRDA
PTH153D35ARDA
PTH153D35AZDA
PTH153D35BRDA
PTH153D35CRDA
PTH153D50ARDA
PTH153D50AZDA
PTH153D50BRDA
PTH153D50CRDA



Amana is a registered trademark of Maytag Corporation or its related companies and is used under license to Goodman Company, L.P., Houston, TX. All rights reserved.

This manual is to be used by qualified technicians only.

© 2009 Goodman Company, L.P. ♦ 5151 San Felipe, Suite 500 ♦ Houston, TX 77056

Important Information

Index

Functional Parts List	3
Illustration and Parts	4 - 9

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:

CAP050300370RSS	CAPACITOR 5/30/370V (M2, M5, M6, M9, M10)
CAP050350440RSS	CAPACITOR 5/35/440V [CONTROL BOX] (M1, M3, M4, M7, M8, M11)
48R362AL-5ASS	COMPRESSOR-RECHI
RSKP0010	CONTROL BOARD, M61 WIRELESS KIT
1261401	DIGITENNA (M2, M5, M9)
0131P00002S	FAN MOTOR 100 W, 2 SP, 6 PL
22312902	HEATER 3 2.5 KW ASSY (M1, M2, M3)
22312903	HEATER 3 3.5 KW ASSY (M4, M5, M6, M7)
22312904	HEATER 3 5.0 KW ASSY (M8, M9, M10, M11)
C8873932	RELAY (POWER VENT) (M6, M10)
B1160701	TERMINAL BOARD (M6, M10)
0130P00038	THERMISTOR-DISCHARGE
20295709	THERMISTOR-HEAT PUMP
0130P00046	THERMISTOR-INDOOR AMBIENT
20295707	THERMISTOR-INDOOR COIL
0130P00039	THERMISTOR-OUTDOOR AMBIENT (M2, M5, M9)
B1378501	TRANSFORMER (M6, M10)
20512501	TRANSFORMER

SPECIAL PARTS

IO-266	CHASSIS TO WALL SLEEVE INSTRUCTIONS
IO-693A	CONFIGURATIONS/DIAGNOSTIC CHART
20490201	INSPECTION SHEET-SLEEVE/DRAIN
IO-293C	INSTALLATION INSTRUCTIONS
RP-562	REPAIR PARTS MANUAL

Expanded Model Nomenclature

M1 - PTH153D25ARDA
M2 - PTH153D25AZDA
M3 - PTH153D25CRDA
M4 - PTH153D35ARDA
M5 - PTH153D35AZDA
M6 - PTH153D35BRDA
M7 - PTH153D35CRDA
M8 - PTH153D50ARDA
M9 - PTH153D50AZDA
M10 - PTH153D50BRDA
M11 - PTH153D50CRDA

Replacement Parts List

Image 1

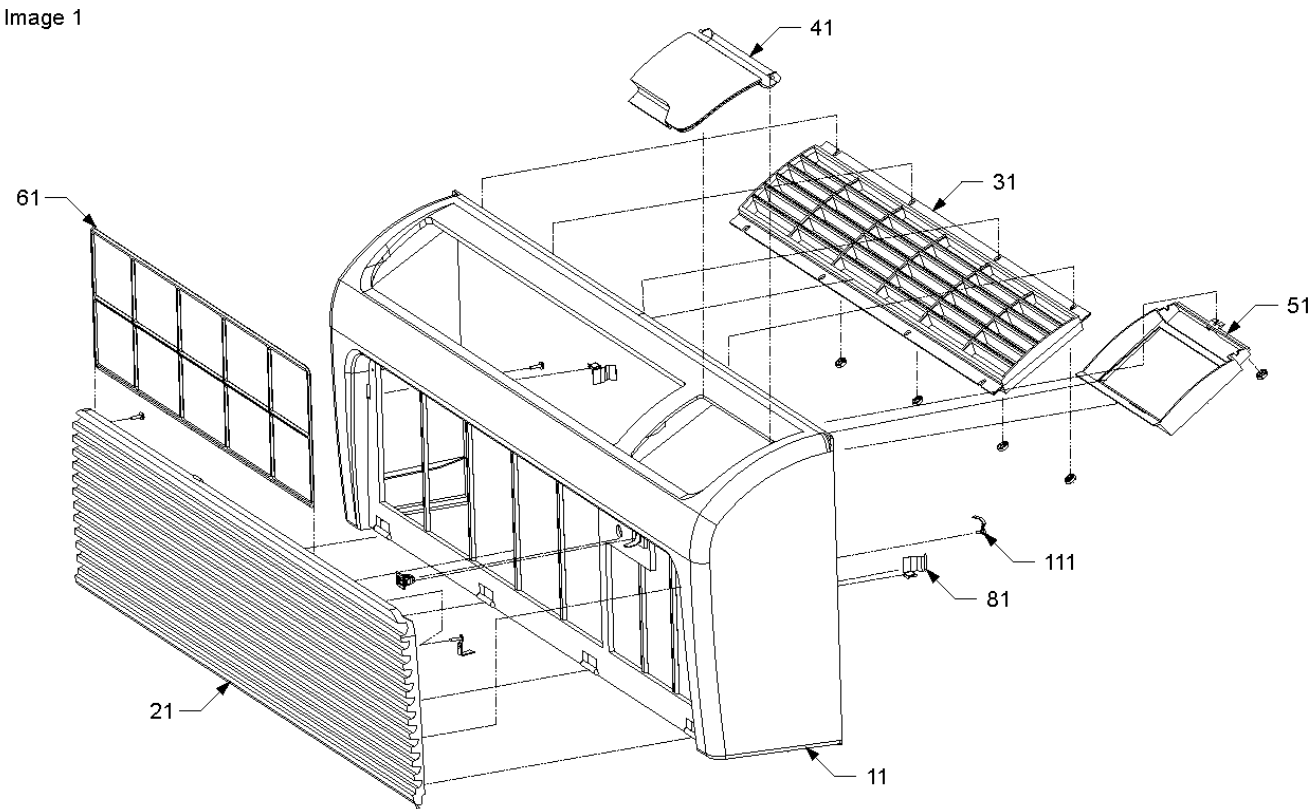
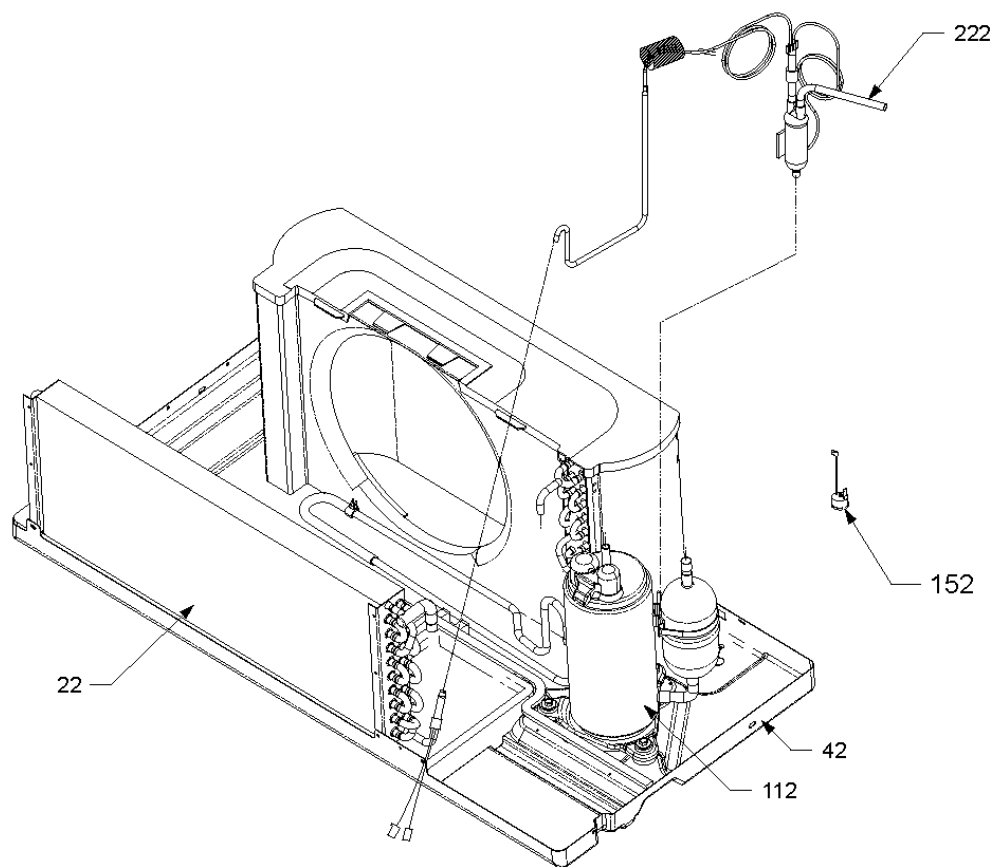


Image 2



Replacement Parts List

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
----------------------	--------------	----------------------	--------------

Image 1: FRONT ASSY

11	0261P00000A	FRONT FRAME
21	20415402	INTAKE GRILLE
31	20415301	EXHAUST GRILLE
41	20415901	DOOR ASSY
51	20415601	CONTROL HOUSING
61	20415801	FILTER
81	11045102	SIDE CLIP (QTY 2)
111	0161P00002P	STRAP-INLET GRILLE RESTRAINT (QTY 2)

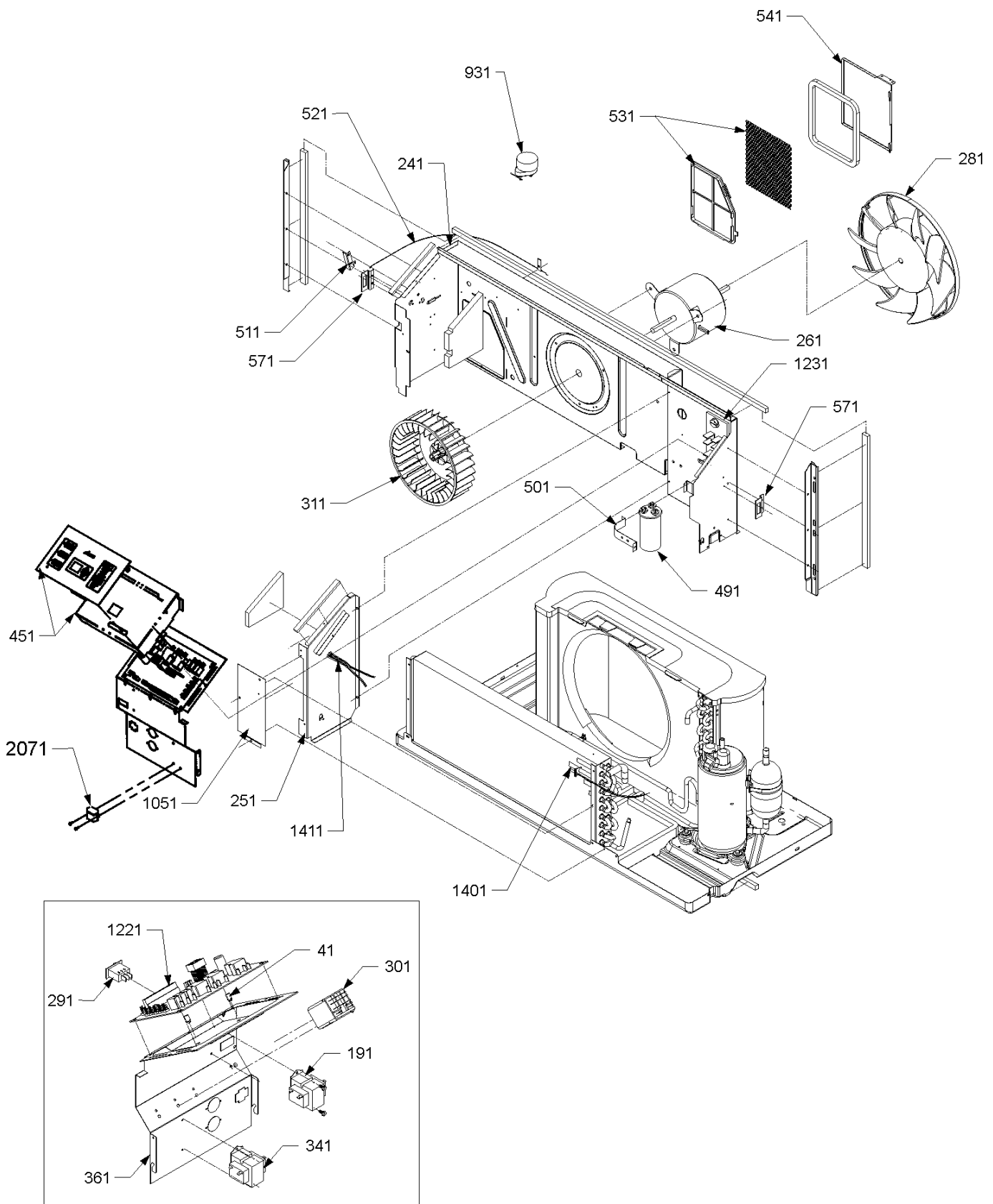
Image 2: BASEPAN ASSY

22	0202P00046S	TUBING ASSY, EVAP COIL
42	20403508	BASE PAN
112	48R362AL-5ASS	COMPRESSOR-RECHI
152	60343501	OVERLOAD PROTECTOR (M6, M10)
152	60343528	OVERLOAD PROTECTOR, RECHI (M1, M2, M3, M4, M5, M7, M8, M9, M11)
222	0210P00089	CAPILLARY WELDMENT
NS	60140209	GROMMET - RECHI COMPRESSOR (QTY 3)
NS	M0253610	SHOULDER SCREW (QTY 3)

Expanded Model Nomenclature

M1 - PTH153D25ARDA
M2 - PTH153D25AZDA
M3 - PTH153D25CRDA
M4 - PTH153D35ARDA
M5 - PTH153D35AZDA
M6 - PTH153D35BRDA
M7 - PTH153D35CRDA
M8 - PTH153D50ARDA
M9 - PTH153D50AZDA
M10 - PTH153D50BRDA
M11 - PTH153D50CRDA

Replacement Parts List



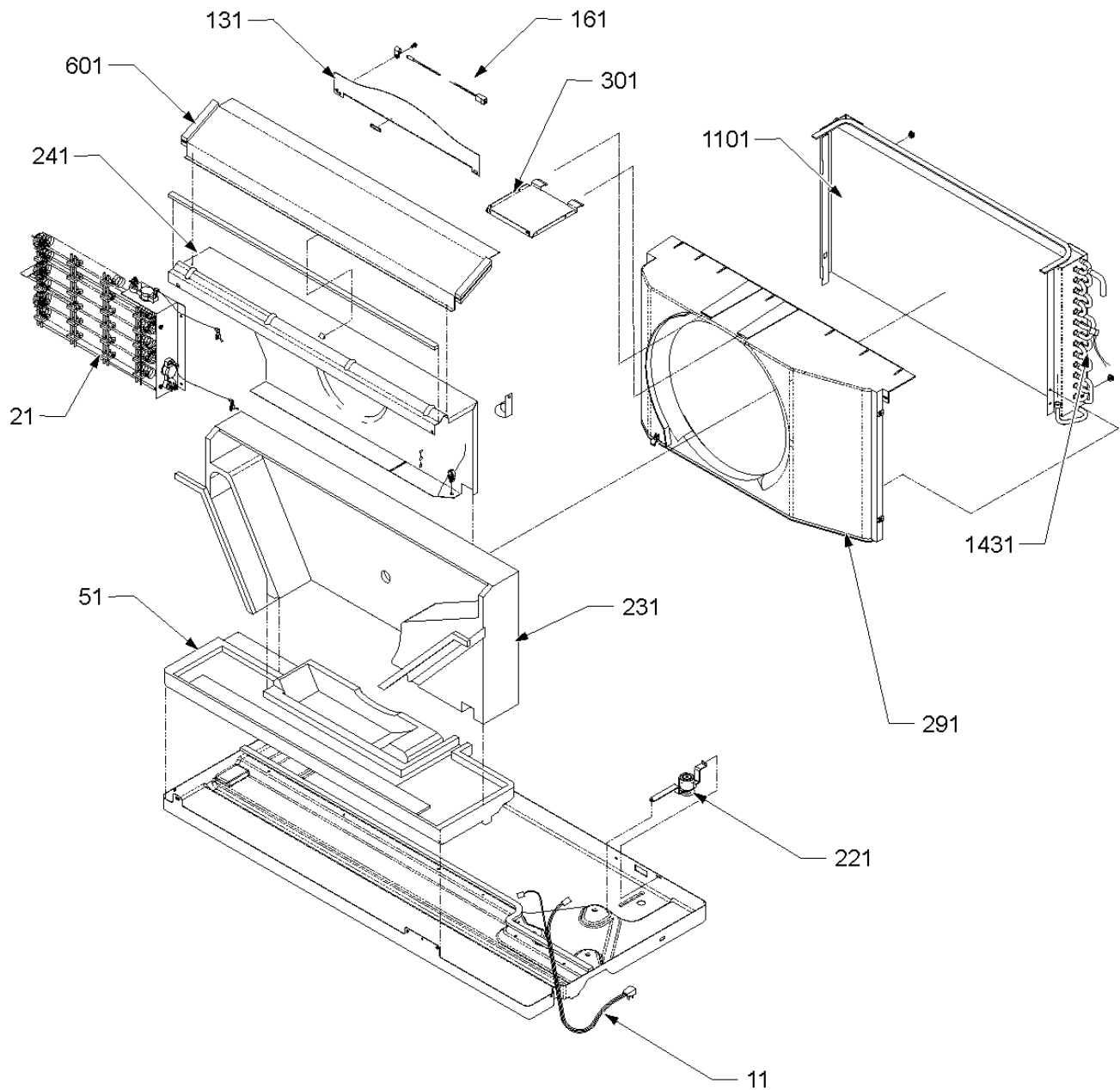
Replacement Parts List

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1: CHASSIS-BACK</i>			
41	M0590702		SUPPORT (QTY 2)
191	B1378501		TRANSFORMER (M6, M10)
241	0121P00041DG		PARTITION PANEL
251	20403301		MID PARTITION PANEL
261	0131P00002S		FAN MOTOR 100 W, 2 SP, 6 PL
281	20414601		CONDENSER FAN
291	B1337701		PADDLE SWITCH (M6, M10)
301	C8873932		RELAY (POWER VENT) (M6, M10)
311	11044101		BLOWER WHEEL
341	20512501		TRANSFORMER
361	11044505		CONTROL PANEL
451	RSKP0005		CONTROL PANEL COVER AND MEMBRANE
491	CAP050300370RSS		CAPACITOR 5/30/370V (M2, M5, M6, M9, M10)
491	CAP050350440RSS		CAPACITOR 5/35/440V [CONTROL BOX] (M1, M3, M4, M7, M8, M11)
501	C6300502		CAPACITOR STRAP
511	11046302		LEVER ARM (M1, M2, M3, M4, M5, M7, M8, M9, M11)
521	11115401		CABLE (M1, M2, M3, M4, M5, M7, M8, M9, M11)
531	20304003		PROTECTION SHIELD
541	11046105PDG		VENT DOOR
571	11191702		PARTITION PANEL BRACKET (M6, M10)
571	11191703		PARTITION PANEL BRACKET (M1, M2, M3, M4, M5, M7, M8, M9, M11)
931	11172801		POWER VENT MOTOR (M6, M10)
1051	20410801		ACCESS COVER
1221	RSKP0010		CONTROL BOARD, M61 WIRELESS KIT
1231	B1160701		TERMINAL BOARD (M6, M10)
1401	0130P00046		THERMISTOR-INDOOR AMBIENT
1411	20295707		THERMISTOR-INDOOR COIL
2071	1261401		DIGITENNA (M2, M5, M9)

Expanded Model Nomenclature

M1 - PTH153D25ARDA
M2 - PTH153D25AZDA
M3 - PTH153D25CRDA
M4 - PTH153D35ARDA
M5 - PTH153D35AZDA
M6 - PTH153D35BRDA
M7 - PTH153D35CRDA
M8 - PTH153D50ARDA
M9 - PTH153D50AZDA
M10 - PTH153D50BRDA
M11 - PTH153D50CRDA

Replacement Parts List



Replacement Parts List

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
----------------------	--------------	----------------------	--------------

Image 1: CHASSIS-FRONT

11	0130P00006S	CORD 250 VAC, 15A (LCDI) (M1, M2, M3)
11	0130P00007S	CORD 250 VAC, 20A (LCDI) (M4, M5, M6, M7)
11	0130P00008	CORD 250 VAC, 30A (LCDI) (M8, M9, M10, M11)
21	22312902	HEATER 3 2.5 KW ASSY (M1, M2, M3)
21	22312903	HEATER 3 3.5 KW ASSY (M4, M5, M6, M7)
21	22312904	HEATER 3 5.0 KW ASSY (M8, M9, M10, M11)
51	B20403802	EVAPORATOR PAD
131	20515301	EXTERNAL BLOWER INTAKE
161	0130P00038	THERMISTOR-DISCHARGE
221	20406303	BASE PAN VALVE
231	B20356703	BLOWER SCROLL
241	20364804	BLOWER INTAKE
291	0161P00015	CONDENSER SHROUD
301	11044201PDG	TIE BRACE
601	11123911	DISCHARGE SCREEN
1101	0201P00072S	TUBING ASSY, COND COIL (M1, M2, M4, M5, M6, M8, M9, M10)
1101	0201P00073DGS	TUBING ASSY, COND COIL (M3, M7, M11)
1431	20295709	THERMISTOR-HEAT PUMP
NS	0130P00039	THERMISTOR-OUTDOOR AMBIENT (M2, M5, M9)

Expanded Model Nomenclature

M1 - PTH153D25ARDA
M2 - PTH153D25AZDA
M3 - PTH153D25CRDA
M4 - PTH153D35ARDA
M5 - PTH153D35AZDA
M6 - PTH153D35BRDA
M7 - PTH153D35CRDA
M8 - PTH153D50ARDA
M9 - PTH153D50AZDA
M10 - PTH153D50BRDA
M11 - PTH153D50CRDA