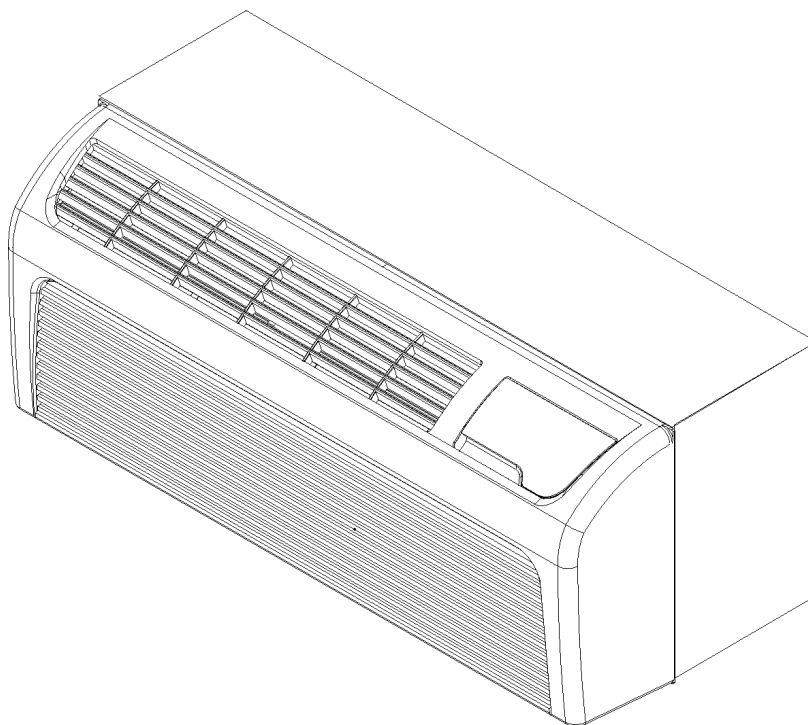


PTH*B Packaged Terminal Heat Pumps

PTH073B25ANBM
PTH073B35DMBM
PTH093B35DMBP
PTH153B15AMBM
PTH153B25CMBM



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This manual is to be used by qualified technicians only.

This manual replaces RP-302A.

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Important Information

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

Rev. B: Added models PTH153B25CMBM.

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:

CAP050150370RSS	CAPACITOR 5/15/370V (M1, M2, M3)
CAP050350370RSS	CAPACITOR 5/35/370V (M4, M5)
D6926123H	COMPRESSOR 2K21T236B-UA (M4, M5)
D6887711H	COMPRESSOR 2R13S3R236A (M3)
D6887715H	COMPRESSOR 2R9U236A6A (M1, M2)
PCBCP126S	CONTROL BOARD, M61 WIRELESS
0131P00002S	FAN MOTOR 100 W, 2 SP, 6 PL (M4, M5)
0131P00000S	FAN MOTOR 40 W, 2 SP, 8 PL (M1, M2, M3)
22312901	HEATER 3 1.5 KW ASSY (M4)
22312902	HEATER 3 2.5 KW ASSY (M1, M5)
22312903	HEATER 3 3.5 KW ASSY (M2, M3)
C8873917	RELAY (HYRDONIC) (M2, M3)
0130P00038	THERMISTOR-DISCHARGE
20295709	THERMISTOR-HEAT PUMP
0130P00046	THERMISTOR-INDOOR AMBIENT
20295707	THERMISTOR-INDOOR COIL
20512501	TRANSFORMER

SPECIAL PARTS

20490201	INSPECTION SHEET-SLEEVE/DRAIN
IO-266	INSTALLATION INSTRUCTIONS-CHASSIS
RP-320B	REPAIR PARTS MANUAL
IO-293B	USERS MANUAL
IO-692	WIRING-DIAGNOSTIC (M1, M4, M5)
IO-694	WIRING-DIAGNOSTIC (M2, M3)

Expanded Model Nomenclature

M1 - PTH073B25ANBM
M2 - PTH073B35DMBM
M3 - PTH093B35DMBP
M4 - PTH153B15AMBM
M5 - PTH153B25CMBM

Front Assy/Chassis/Cap Weld/Compressor

Image 1

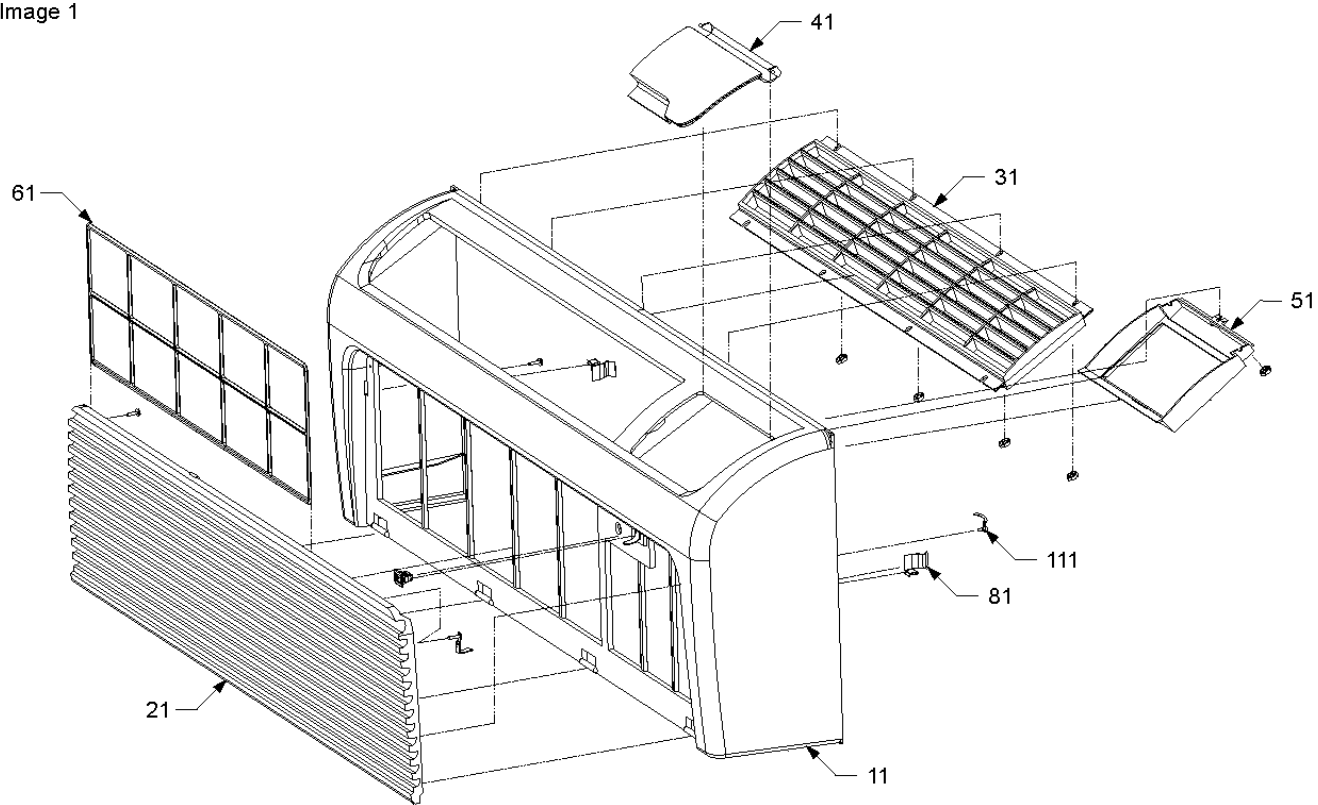
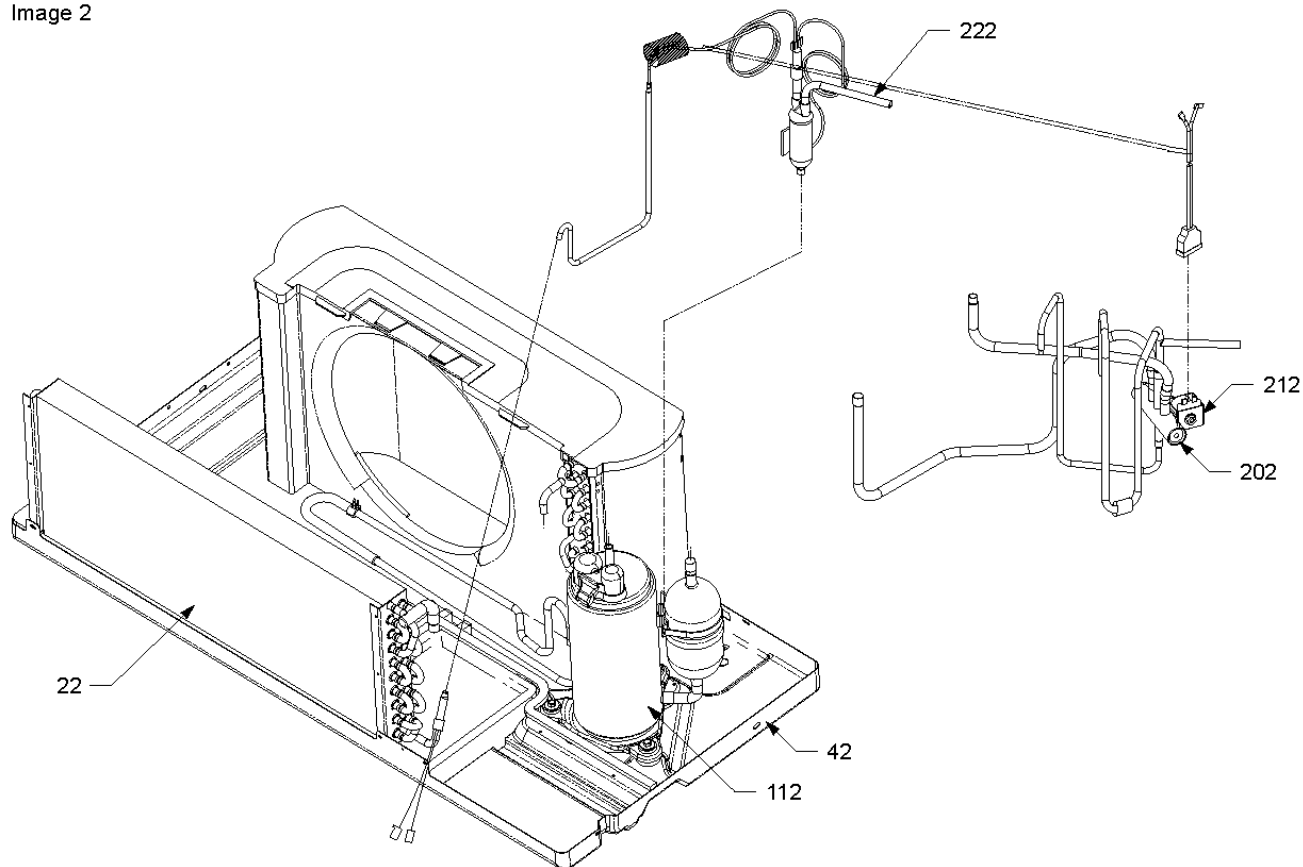


Image 2



Front Assy/Chassis/Cap Weld/Compressor

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
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Image 1:

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)

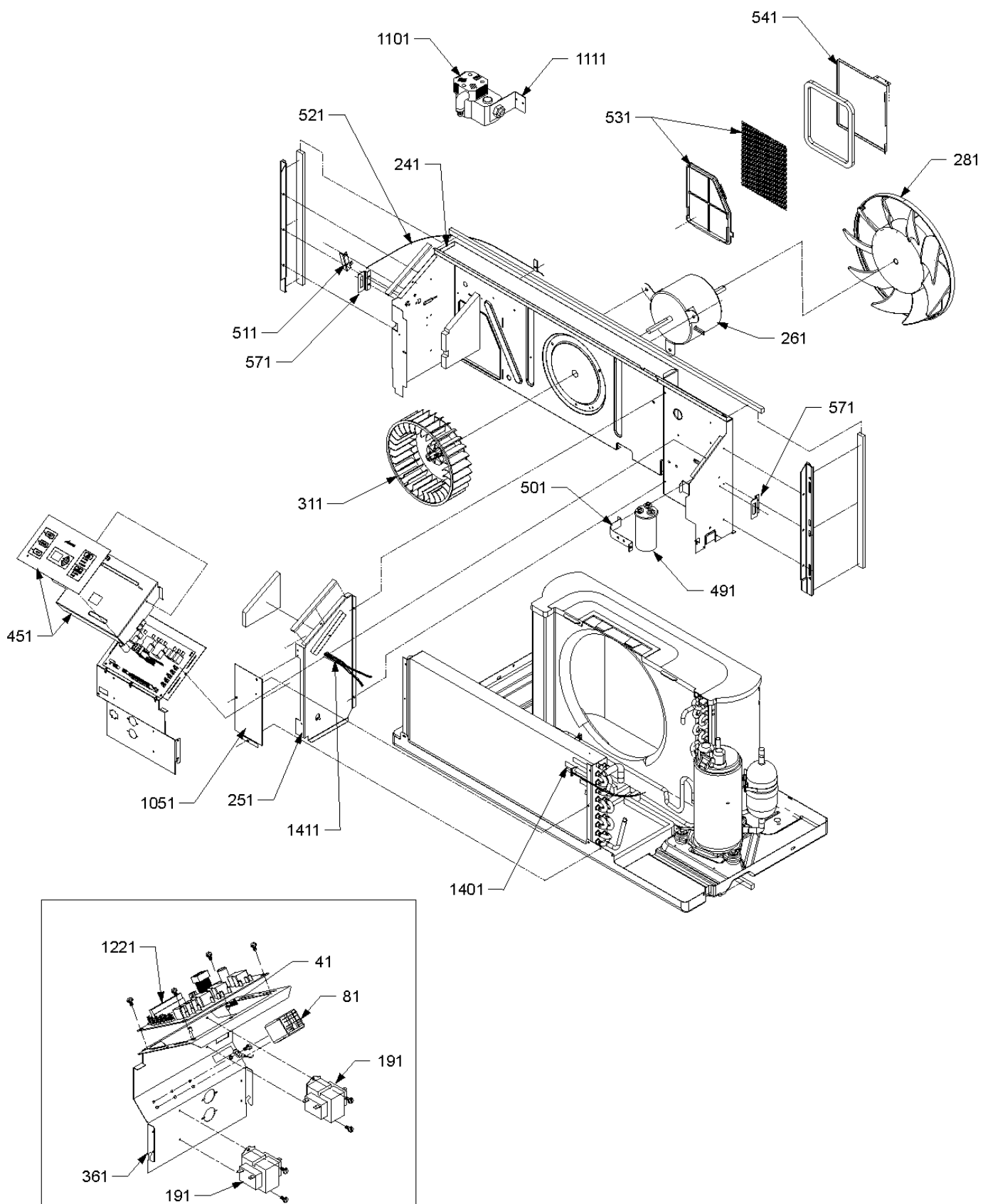
Image 2:

22	20456702S	TUBING ASSY, EVAP COIL (M4, M5)
22	20457202S	TUBING ASSY, EVAP COIL (M1, M3)
22	20473902S	TUBING ASSY, EVAP COIL (M2)
42	20403508	BASE PAN
112	D6926123H	COMPRESSOR 2K21T236B-UA (M4, M5)
112	D6887711H	COMPRESSOR 2R13S3R236A (M3)
112	D6887715H	COMPRESSOR 2R9U236A6A (M1, M2)
202	0151P00000	REVERSING VALVE ASSY-230V
212	22322201	REVERSING VALVE COIL 230V
222	0210P00000	CAPILLARY WELDMENT (M3)
222	20473202	CAPILLARY WELDMENT (M2)
222	20474002	CAPILLARY WELDMENT (M4, M5)
222	20498102	CAPILLARY WELDMENT (M1)
NS	A3448602	COMPRESSOR GROMMET (M4, M5)
NS	A4622801	COMPRESSOR GROMMET (M1, M2, M3)
NS	D6961636	OVERLOAD (M1, M2)
NS	D6961639	OVERLOAD (M3)
NS	M0253610	SHOULDER SCREW (M4, M5)
NS	M0253661	SHOULDER SCREW (M1, M2, M3)

Expanded Model Nomenclature

M1 - PTH073B25ANBM
M2 - PTH073B35DMBM
M3 - PTH093B35DMBP
M4 - PTH153B15AMBM
M5 - PTH153B25CMBM

Chassis/Control Panel



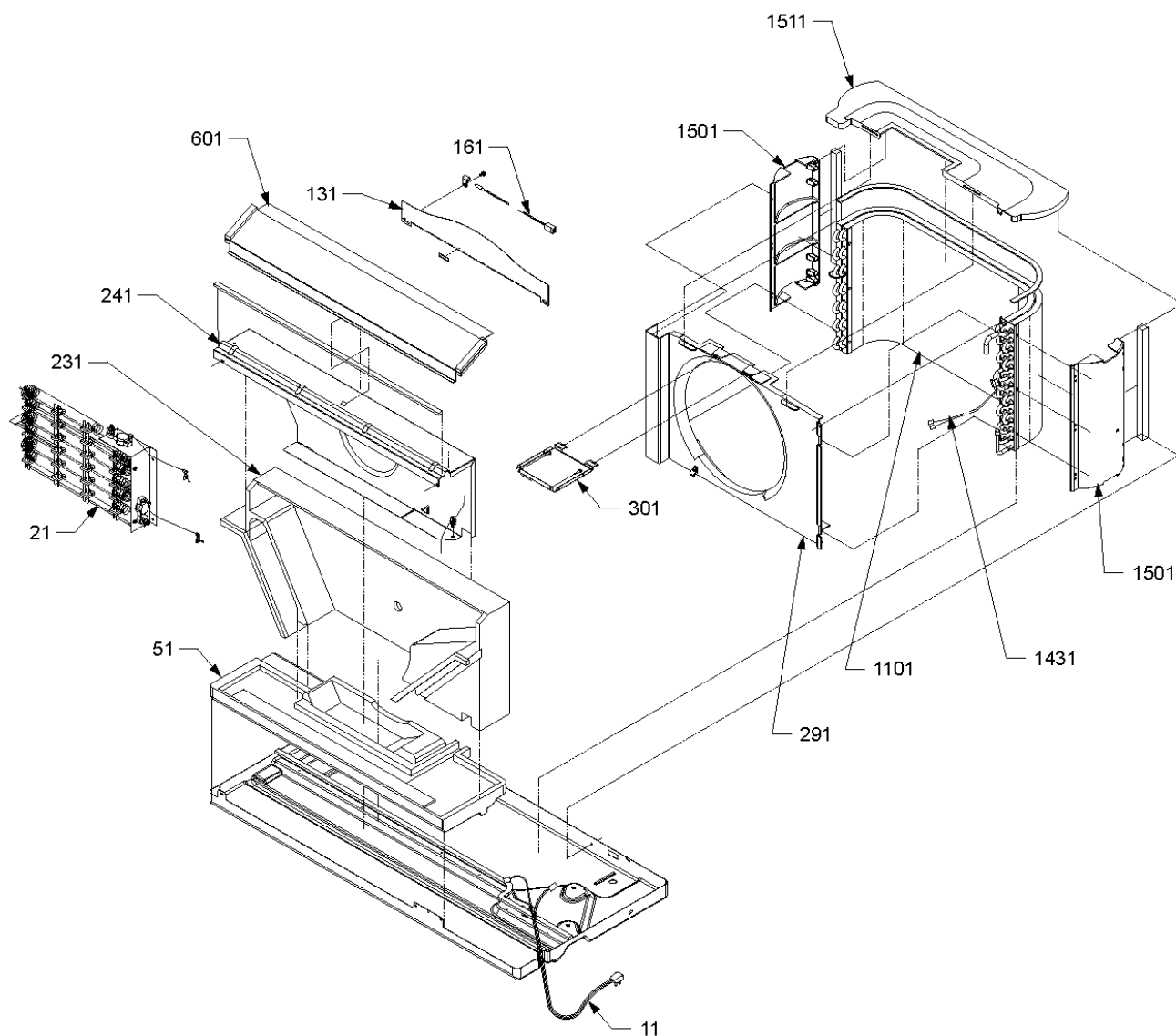
Chassis/Control Panel

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>			
41	M0590702		SUPPORT (QTY 2)
81	C8873917		RELAY (HYRDONIC) (M2, M3)
191	20512501		TRANSFORMER (M2, M3)
191	20512501		TRANSFORMER (POWER VENT) (M1, M4, M5)
241	0121P00041DG		PARTITION PANEL
251	20403301		MID PARTITION PANEL
261	0131P00002S		FAN MOTOR 100 W, 2 SP, 6 PL (M4, M5)
261	0131P00000S		FAN MOTOR 40 W, 2 SP, 8 PL (M1, M2, M3)
281	20414601		CONDENSER FAN
311	11044101		BLOWER WHEEL
361	11044505		CONTROL PANEL
451	RSKP0005		CONTROL PANEL COVER AND MEMBRANE
491	CAP050150370RSS		CAPACITOR 5/15/370V (M1, M2, M3)
491	CAP050350370RSS		CAPACITOR 5/35/370V (M4, M5)
501	C6300502		CAPACITOR STRAP
511	11046302		LEVER ARM
521	11115401		CABLE
531	20304003		PROTECTION SHIELD
541	11046105PDG		VENT DOOR
571	11191703		PARTITION PANEL BRACKET (QTY 2)
1051	20410801		ACCESS COVER
1101	11125301		CONDENSATE PUMP (M2, M3)
1111	20185702		CONDENSATE PUMP BRACKET (M2, M3)
1221	PCBCP126S		CONTROL BOARD, M61 WIRELESS
1401	0130P00046		THERMISTOR-INDOOR AMBIENT
1411	20295707		THERMISTOR-INDOOR COIL

Expanded Model Nomenclature

M1 - PTH073B25ANBM
M2 - PTH073B35DMBM
M3 - PTH093B35DMBP
M4 - PTH153B15AMBM
M5 - PTH153B25CMBM

Chassis/Heater



Chassis/Heater

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>			
11	0130P00006S		CORD 250 VAC, 15A (LCDI) (M1, M4, M5)
11	0130P00007S		CORD 250 VAC, 20A (LCDI) (M2, M3)
21	22312901		HEATER 3 1.5 KW ASSY (M4)
21	22312902		HEATER 3 2.5 KW ASSY (M1, M5)
21	22312903		HEATER 3 3.5 KW ASSY (M2, M3)
51	B20403802		EVAPORATOR PAD
131	20515301		EXTERNAL BLOWER INTAKE
161	0130P00038		THERMISTOR-DISCHARGE
231	B20356703		BLOWER SCROLL
241	20364804		BLOWER INTAKE
291	20401301		CONDENSER SHROUD
301	11044201PDG		TIE BRACE
601	11123911		DISCHARGE SCREEN
1101	0201P00024DGS		TUBING ASSY, COND COIL (M5)
1101	20456603S		TUBING ASSY, COND COIL (M1, M2, M3)
1101	20456605S		TUBING ASSY, COND COIL (M4)
1431	20295709		THERMISTOR-HEAT PUMP
1501	20357001		CONDENSER SIDE COVER (QTY 2)
1511	20396701		CONDENSER TOP COVER
NS	20406303		BASE PAN VALVE (M1, M3, M4, M5)

Expanded Model Nomenclature

M1 - PTH073B25ANBM
M2 - PTH073B35DMBM
M3 - PTH093B35DMBP
M4 - PTH153B15AMBM
M5 - PTH153B25CMBM

