

REPAIR PARTS

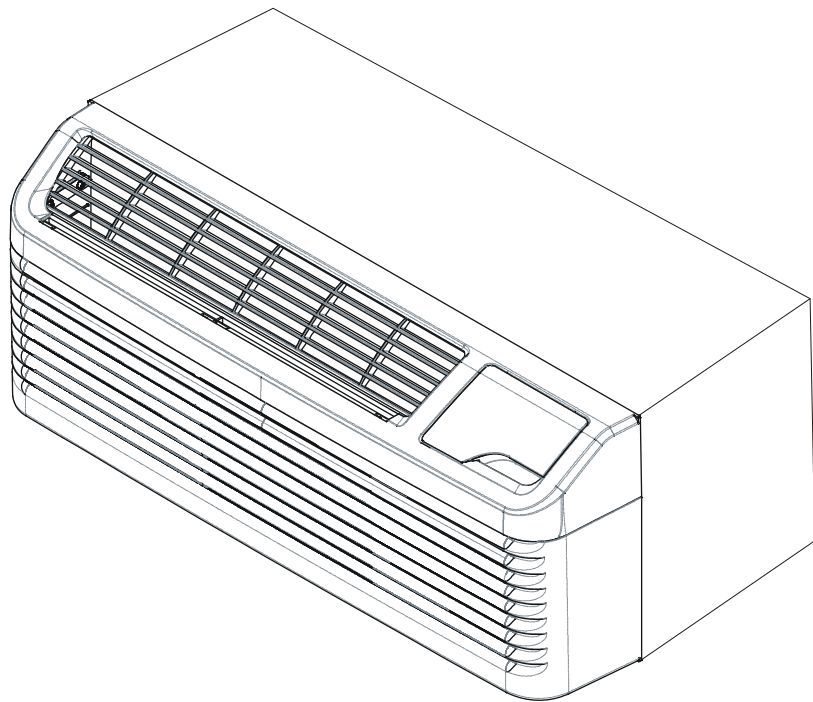
PTH123/124 F Series Heat Pumps

PTH123F25AXXXAA

PTH123F35AXXXAA

PTH124F25AXXXAA

PTH124F35AXXXAA



This manual is to be used by qualified technicians only.

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Important Information

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

California Rebate Models

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

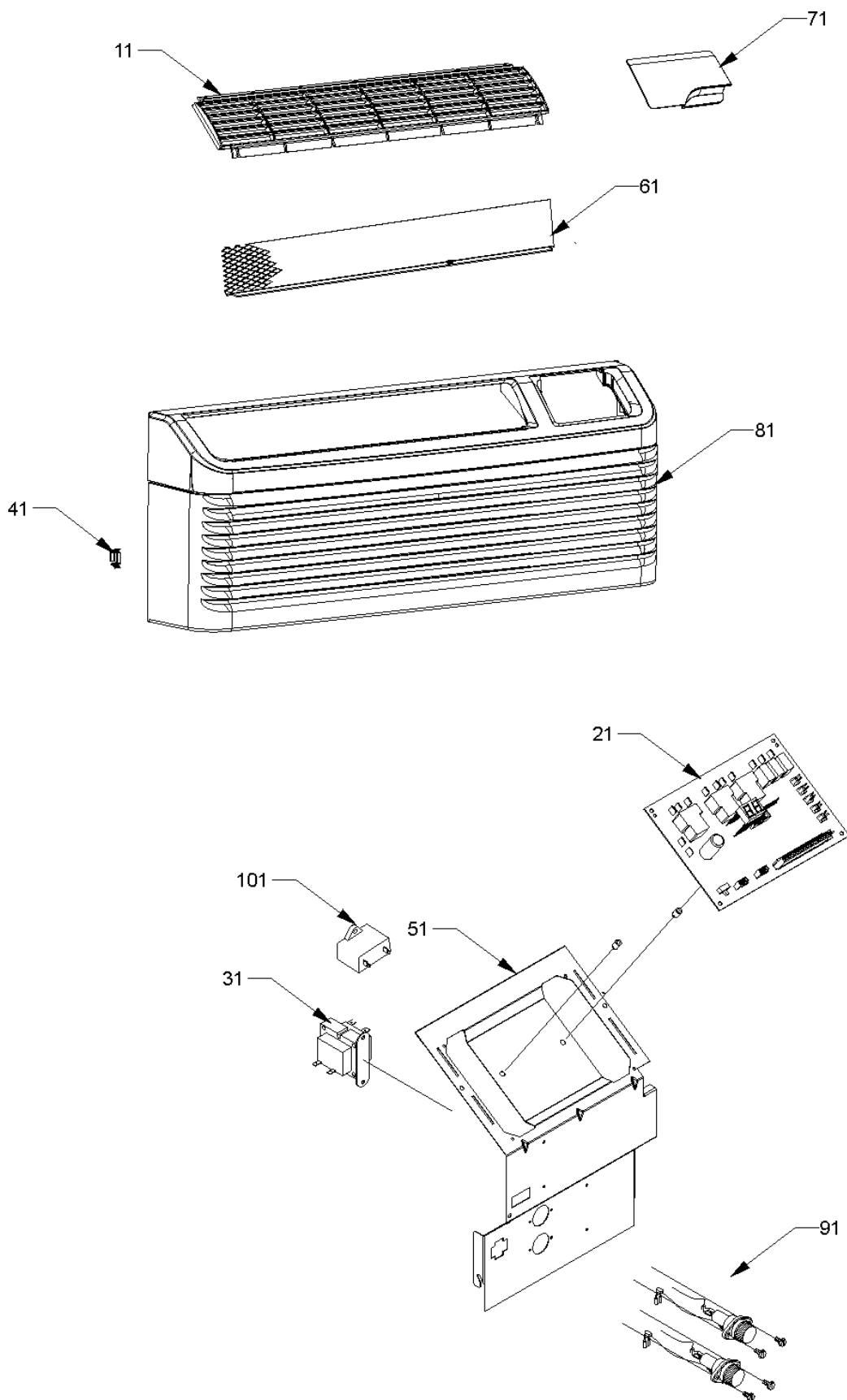
Part

No:

Description:

CAP020300450RS	CAP, 2/30 MFD/450V/DUAL RD (M3, M4)
CAP050300450RS	CAP, 5/30 MFD/450V/DUAL RD (M1, M2)
CAP020000440P	CAPACITOR, 440V (M1, M2)
CAP010000500P	CAPACITOR, 500V (M3, M4)
44A287A	COMPRESSOR, RECHI (M3, M4)
44A282A	COMPRESSOR, RECHI (M1, M2)
RSKP0010	CONTROL BOARD M61
RSKP0005	CONTROL PANEL COVER AND MEMBRANE
0275P00038	HEATER ASSY (M2)
0275P00019	HEATER ASSY (M1)
0275P00024	HEATER ASSY (M4)
0275P00023	HEATER ASSY (M3)
60343539	OVERLOAD PROTECTOR (M3, M4)
60343503	OVERLOAD PROTECTOR (M1, M2)
0130M00066	SWITCH, HIGH PRESS
0130P00074	THERMISTOR
20295711	THERMISTOR
0130P00038	THERMISTOR-DISCHARGE
0130P00033	THERMISTOR-INDOOR COIL
20512501	TRANSFORMER (HYDRONIC)
0150P00004	WHEEL, BLOWER

Front Assy



Front Assy

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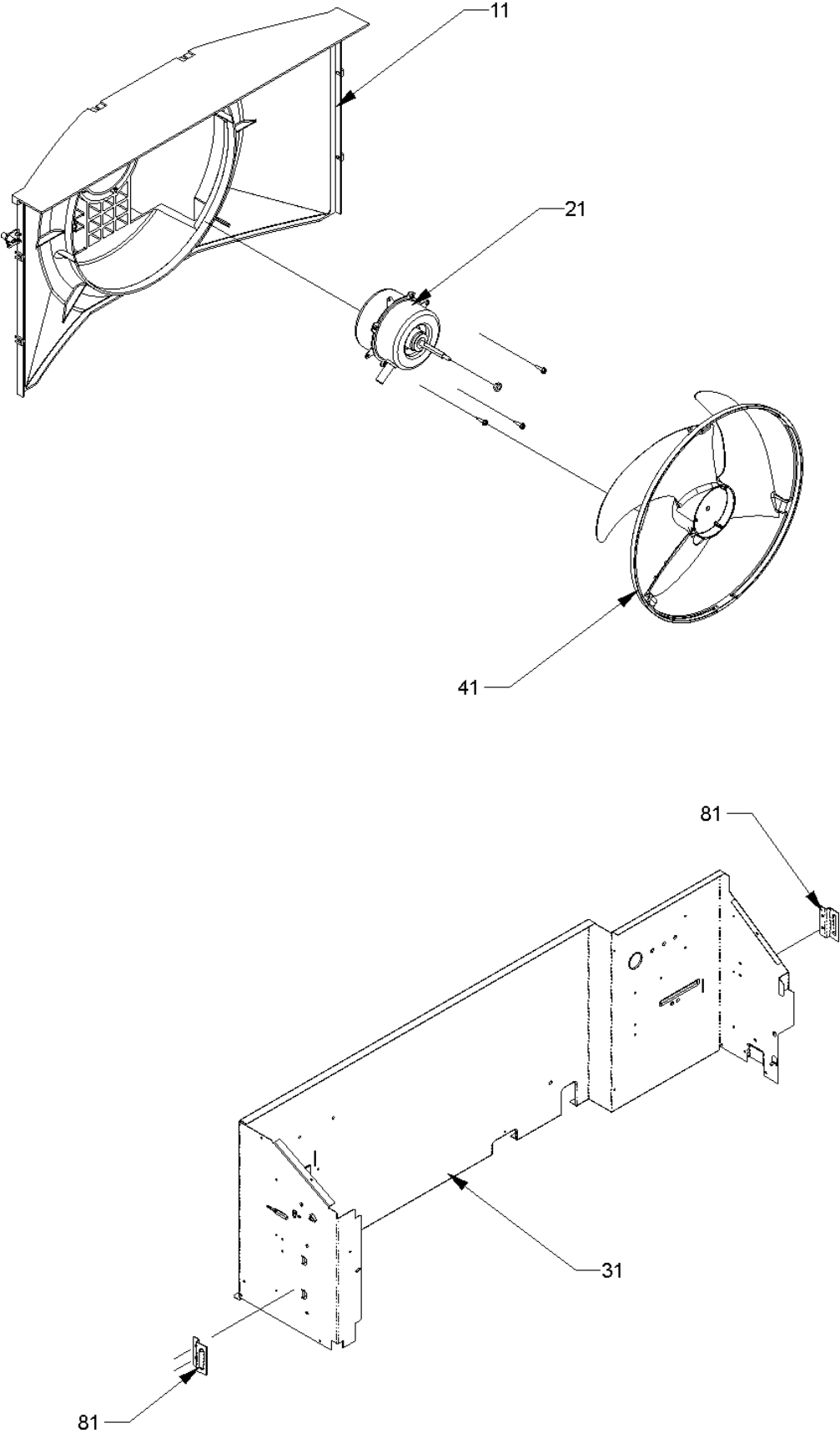
Image 1:

11	0161P00033	FRONT-DICHARGE LOUVERS
21	RSKP0010	CONTROL BOARD M61
31	20512501	TRANSFORMER (HYDRONIC)
41	0163P00025	CLIP (QTY 2)
51	0121P00001P	CONTROL PANEL COVER
61	0121P00073	SCREEN, DISCHARGE
71	0261P00003	DOOR ASSY -AMANA-
81	0261P00011	FRONT ASSY
91	C6476001	BAYONET FUSE HOLDER (M3)
91	C6476002	BAYONET FUSE HOLDER (M4)
101	CAP020000440P	CAPACITOR, 440V (M1, M2)
101	CAP010000500P	CAPACITOR, 500V (M3, M4)
NS	A3410402	FUSE 15A (M3)
NS	A3410403	FUSE 20A (M4)

Expanded Model Nomenclature

M1 - PTH123F25AXXXAA
M2 - PTH123F35AXXXAA
M3 - PTH124F25AXXXAA
M4 - PTH124F35AXXXAA

Chassis Control Panel



Chassis Control Panel

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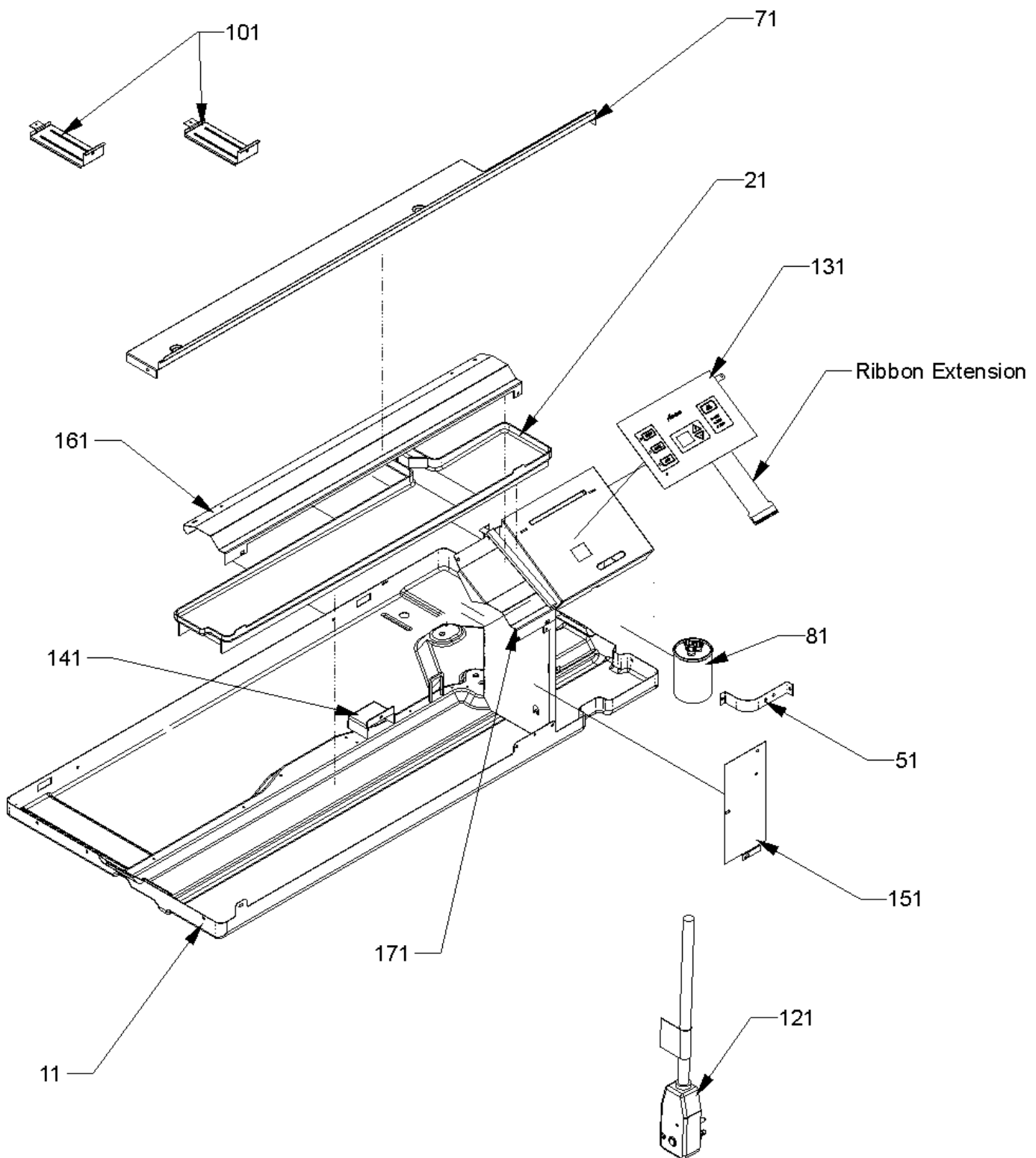
Image 1:

11	0161P00026	SHROUD, CONDENSER
21	0131P00025	FAN MOTOR OUTDOOR (M1, M2)
21	0131P00026	FAN MOTOR, OUTDOOR (M3, M4)
31	0121P00093	PANEL-PARTITION
41	0161P00030	FAN, CONDENSER
81	11191703	PARTITION PANEL BRACKET (QTY 2)
NS	0121P00091	PANEL-AUXILLIARY

Expanded Model Nomenclature

M1 - PTH123F25AXXXAA
M2 - PTH123F35AXXXAA
M3 - PTH124F25AXXXAA
M4 - PTH124F35AXXXAA

Partition Assy



Partition Assy

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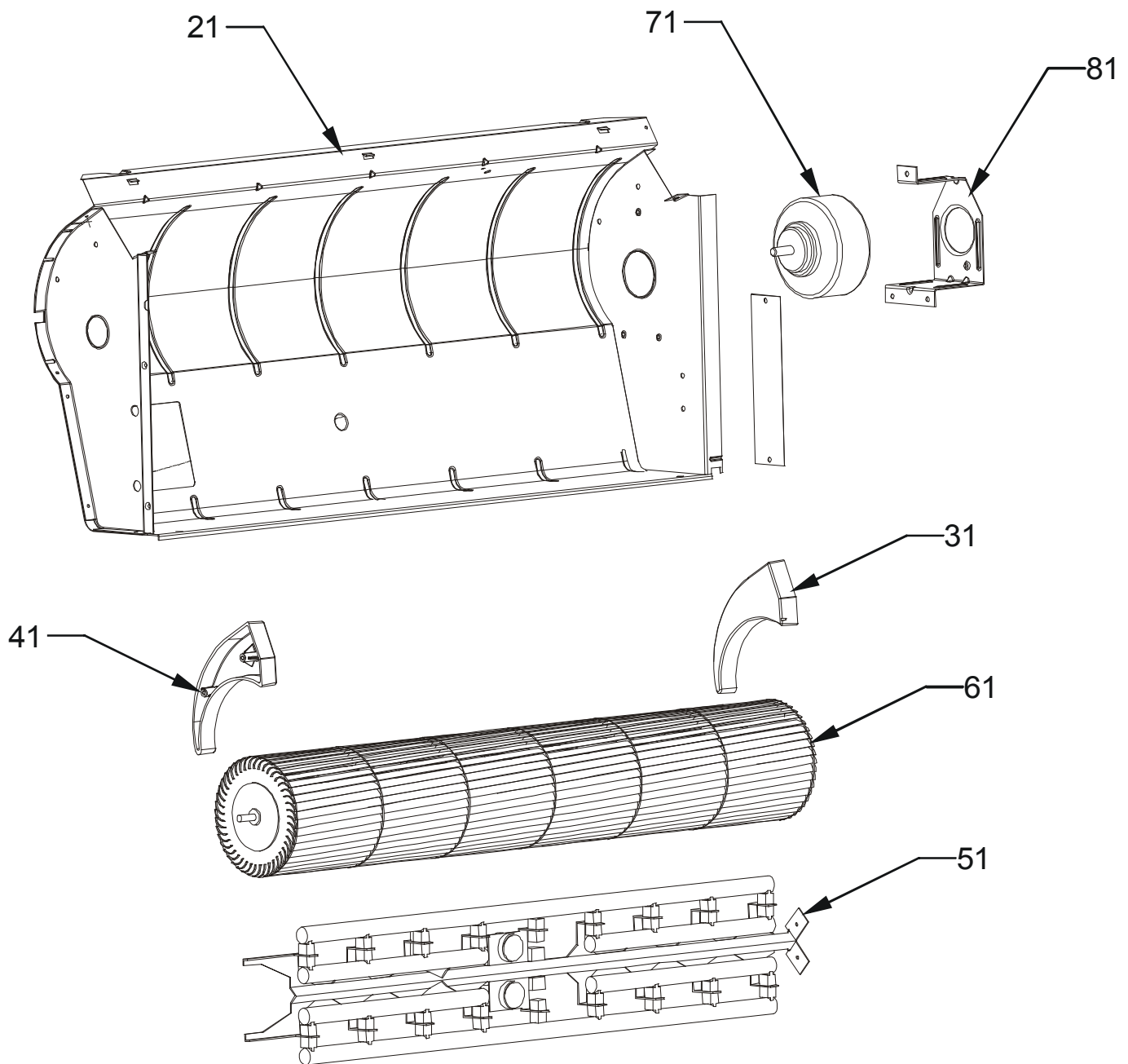
Image 1:

11	0121P00056DG	BASEPAN, PNT
21	0161P00044	PLASTIC-DRAIN PAN
51	C6300502	CAPACITOR STRAP
71	0121P00063	TOP - PARTITION PANEL
81	CAP020300450RS	CAP, 2/30 MFD/450V/DUAL RD (M3, M4)
81	CAP050300450RS	CAP, 5/30 MFD/450V/DUAL RD (M1, M2)
121	11114701	CORD 277 VAC, 20A (M3, M4)
121	0130P00069	CORD, 250VAC, 15A (LCD) (M1)
121	0130P00058	CORD, 250VAC, 20A (LCD) (M2)
131	RSKP0005	CONTROL PANEL COVER AND MEMBRANE
141	0161P00016	PLASTIC-HOOD
151	20410801	ACCESS COVER
161	0121P00061DG	CUTOFF-SCROLL DG
171	0121P00070DG	COVER, MOTOR PNT

Expanded Model Nomenclature

M1 - PTH123F25AXXXAA
M2 - PTH123F35AXXXAA
M3 - PTH124F25AXXXAA
M4 - PTH124F35AXXXAA

Indoor Assy



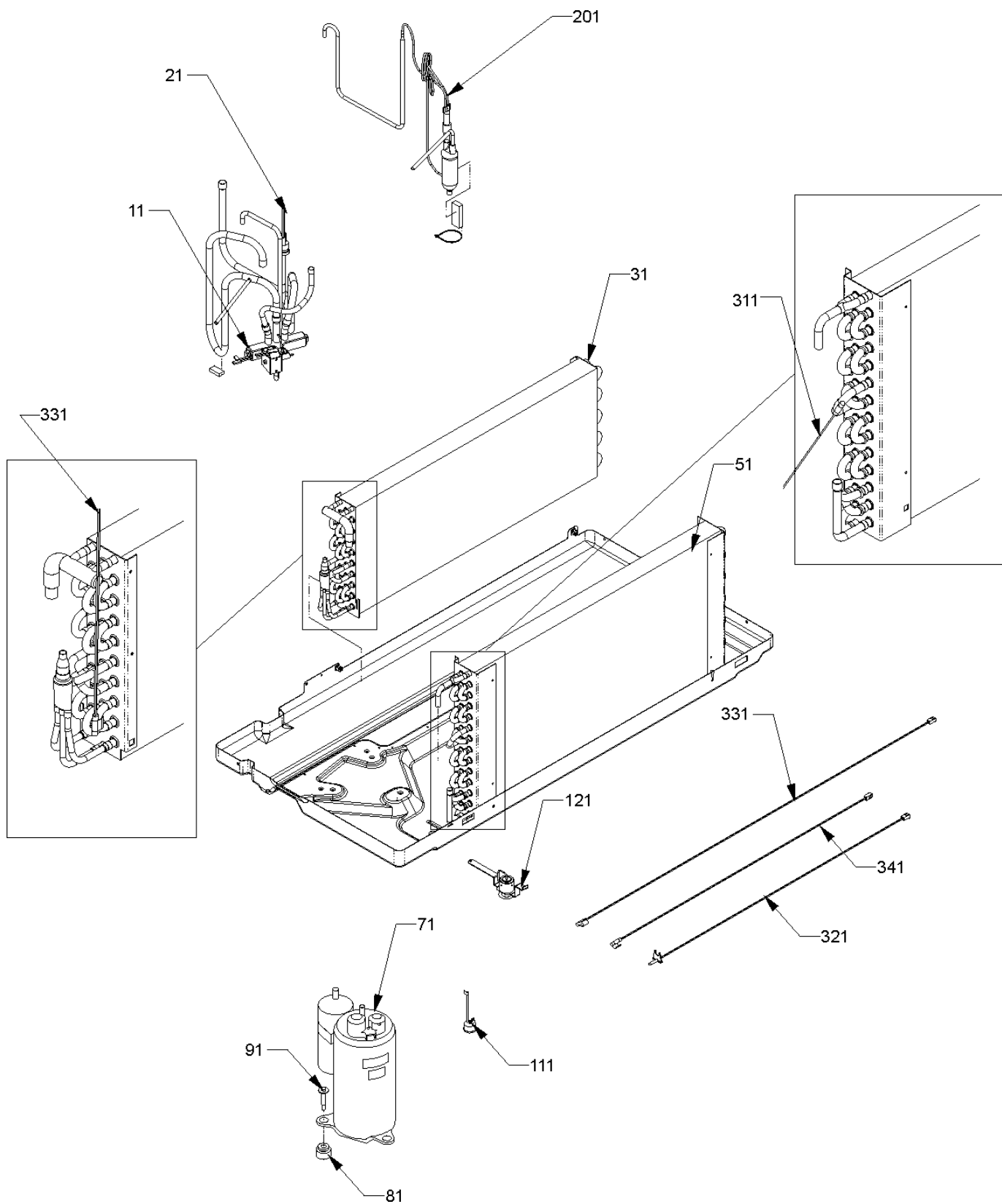
Indoor Assy

Ref. Part No: No:			Ref. Part No: No:		
Description:			Description:		
Image 1:					
21	0270P01070	SCROLL ASSY			
31	0161P00021	END CAP, RIGHT			
41	0161P00022	END CAP, LEFT			
51	0275P00019	HEATER ASSY (M1)			
51	0275P00023	HEATER ASSY (M3)			
51	0275P00024	HEATER ASSY (M4)			
51	0275P00038	HEATER ASSY (M2)			
61	0150P00004	WHEEL, BLOWER			
71	0131P00006	FAN MOTOR, INDOOR (M1, M2)			
71	0131P00010	FAN MOTOR, INDOOR 265V (M3, M4)			
81	0121P00048	BRACKET-MOTOR MOUNT			

Expanded Model Nomenclature

M1 - PTH123F25AXXXAA
M2 - PTH123F35AXXXAA
M3 - PTH124F25AXXXAA
M4 - PTH124F35AXXXAA

Tubing Assy



Tubing Assy

Ref. Part			Ref. Part		
No:	No:	Description:	No:	No:	Description:
Image 1:					
11	0210P00184	REVERSING VALVE WELDMENT (M1, M2)			
11	0210P00187	REVERSING VALVE WELDMENT (M3, M4)			
21	0130M00066	SWITCH, HIGH PRESS			
31	0202P00065	EVAP ASSY, 5/16, 3 ROW			
51	0201P00079	CONDENSER ASSY			
71	44A282A	COMPRESSOR, RECHI (M1, M2)			
71	44A287A	COMPRESSOR, RECHI (M3, M4)			
81	60130203	GROMMET - RECHI COMPRESSOR (QTY 3)			
91	0163M00079	SCREW, SHOULDER (QTY 3)			
111	60343503	OVERLOAD PROTECTOR (M1, M2)			
111	60343539	OVERLOAD PROTECTOR (M3, M4)			
121	20406303	BASE PAN VALVE			
201	0210P00106	CAPILLARY TUBE WELD			
311	20295711	THERMISTOR			
321	0130P00074	THERMISTOR			
331	0130P00033	THERMISTOR-INDOOR COIL			
341	0130P00038	THERMISTOR-DISCHARGE			

Expanded Model Nomenclature

M1 - PTH123F25AXXXAA
M2 - PTH123F35AXXXAA
M3 - PTH124F25AXXXAA
M4 - PTH124F35AXXXAA