

PTH153G Package Terminal Heat Pump

PTH153G50RXXXGA

PTH153G50VXXXGA



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Important Information

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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:

Homeowner Support
Goodman Company, L.P.
19001 Kermier Road
Waller, Texas 77484
877-254-4729-Telephone
713-863-2382-Facsimile

For assistance outside the U.S.A. contact:

International Division
Goodman Company, L.P.
19001 Kermier Road
Waller, Texas 77484
713-861-2500-Telephone
713-863-2382-Facsimile

Functional Parts

Part

No: Description:

20406303	BASE PAN VALVE
CAP050300450CS	CAP, 5/30 MFD/450V/DUAL RD
CAP020000440RP	CAPACITOR
50A362QM-9GKG	COMPRESSOR, RECHI
RSKP0012	CONTROL BOARD M70
RSKP0015	CONTROL PANEL COVER AND MEMBRANE
0130P00118	CORD,250VAC,30A (LCD)
0131P00025	FAN MOTOR OUTDOOR
0131P00055	FAN MOTOR, INDOOR
0161P00055	FAN, CONDENSER
0275P00039	HEATER ASSY
0130P00133	HUMIDITY SENSOR (M2)
60343546	OVERLOAD PROTECTOR
PCBCP147	PCB, CONTROL, D70 (M2)
0130P00137	POWER VENT MOTOR (M2)
0151P00013	PTAC Reversing Valve Assy
0130P00022	REVERSING VALVE COIL
0130M00169	SWITCH, HIGH PRESS
802007090	TERMINAL BOARD
0130P00164	THERMISTOR IAT BLACK
0130P00159	THERMISTOR ICT RED
0130P00134	THERMISTOR IDT YELLOW
0130P00077	THERMISTOR IHD ORANGE (M1)
0130P00098	THERMISTOR OAT GREEN
0130P00130	THERMISTOR OCT BLUE
0130M00599	TRANSFMR,40VA,240V/208V TO 24V (M2)
0130M00341	TRANSFORMER 20VA 230V
0150P00005	WHEEL, BLOWER

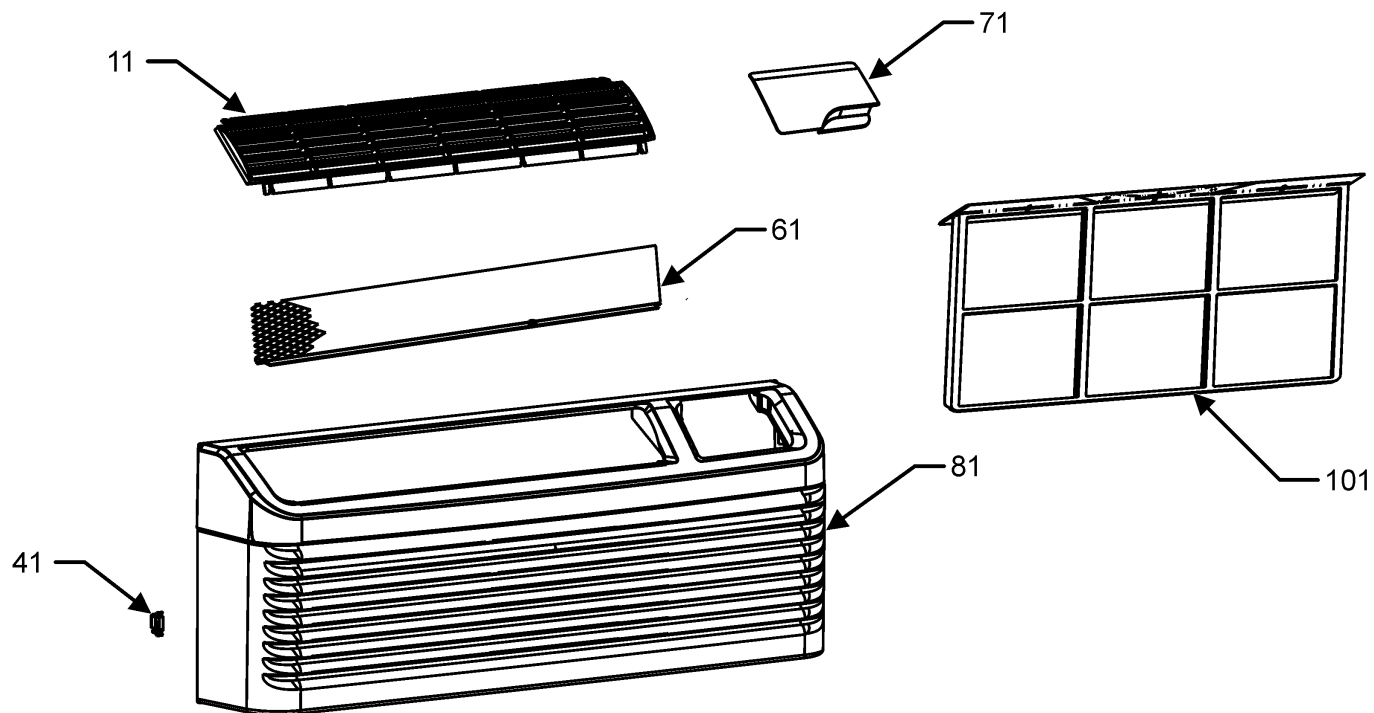
Expanded Model Nomenclature

M1 - PTH153G50RXXXGA

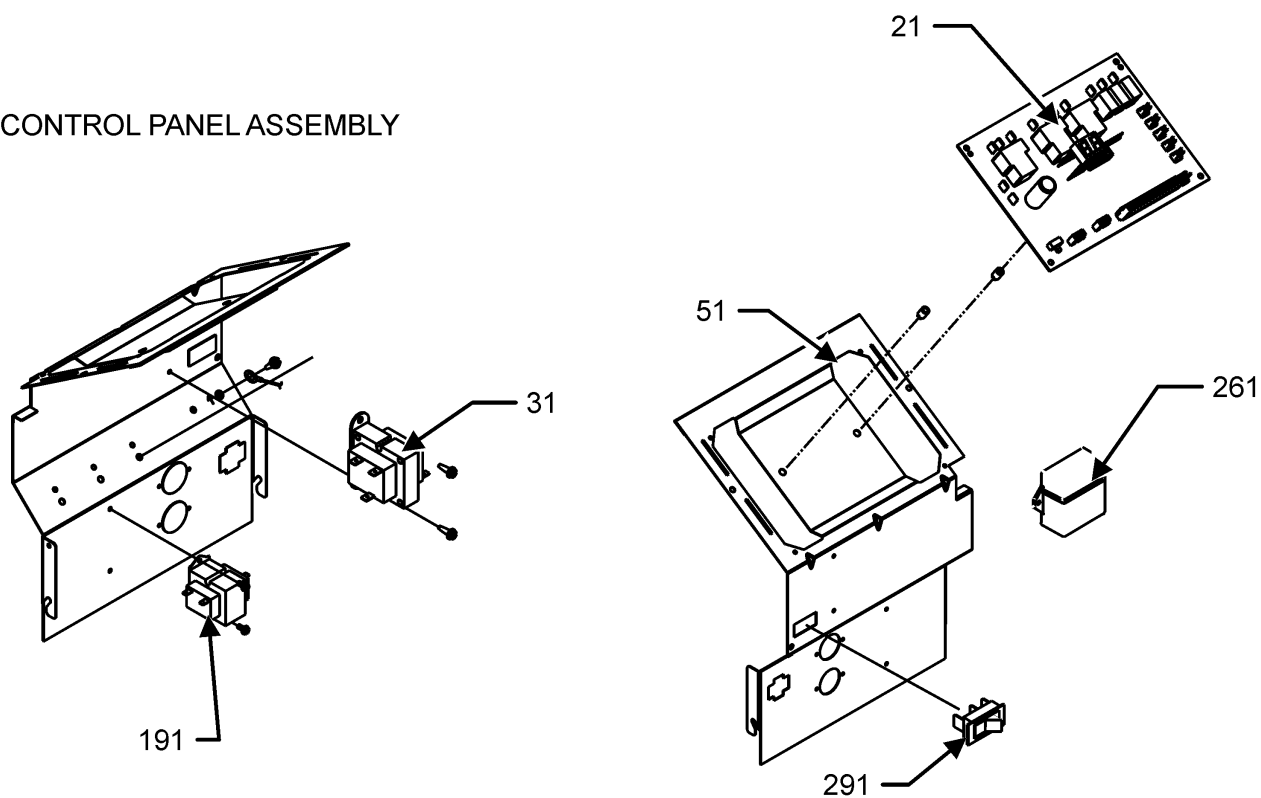
M2 - PTH153G50VXXXGA

Front Panel / Control Board Assembly

FRONT PANEL ASSEMBLY



CONTROL PANEL ASSEMBLY



Front Panel / Control Board Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0161P00048		FRONT, LOUVERS DISCHARGE
21	RSKP0012		CONTROL BOARD M70
31	0130M00341		TRANSFORMER 20VA 230V
41	0163P00025		CLIP (QTY 2)
51	0121P00130		PANEL, CONTROL
61	0121P00194BL		SCREEN, DISCHARGE, PAINTED
71	0261P00003		DOOR ASSY -AMANA-
81	0261P00011		FRONT ASSY
101	0161P00035		FILTER, RACK (QTY 2)
191	0130M00599		TRANSFMR,40VA,240V/208V TO 24V (M2)
261	0130P00104		ANTENNA (M1)
291	B1337701		PADDLE SWITCH (M2)
NS	PCBCP147		PCB, CONTROL, D70 (M2)

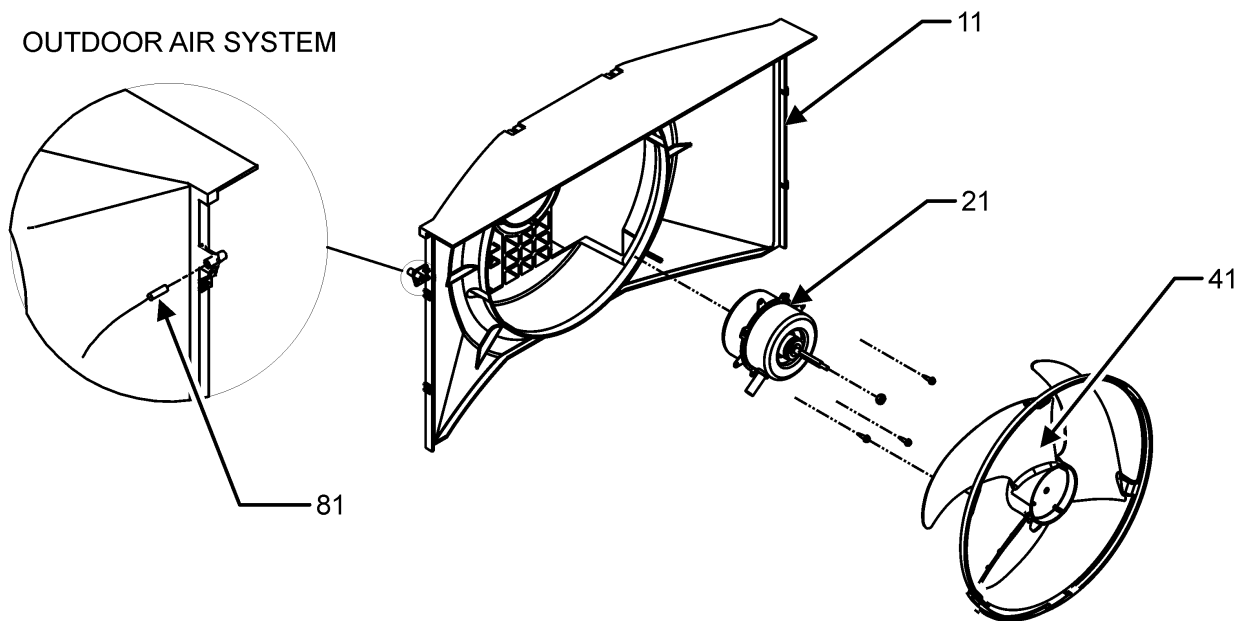
Expanded Model Nomenclature

M1 - PTH153G50RXXXGA

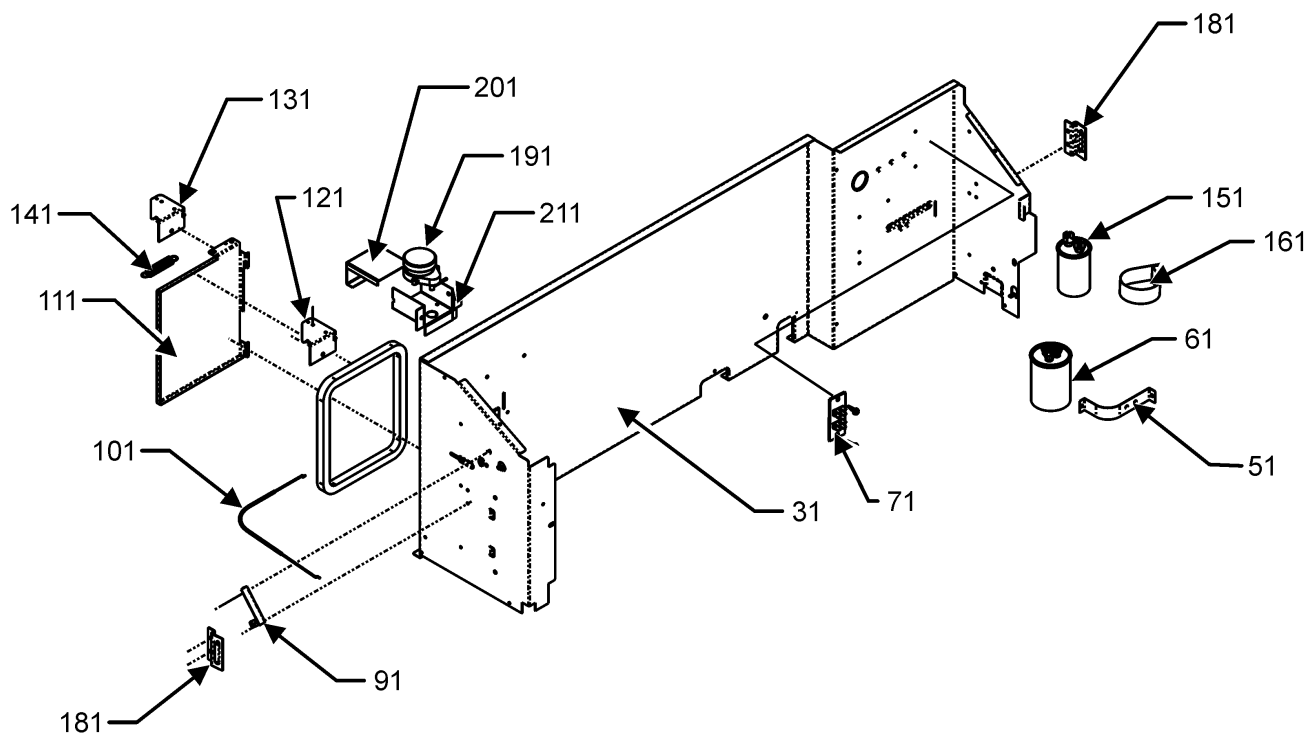
M2 - PTH153G50VXXXGA

Outdoor Air System / Partition Panel

OUTDOOR AIR SYSTEM



PARTITION PANEL ASSEMBLY



Outdoor Air System / Partition Panel

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0161P00110		CONDENSER SHROUD
21	0131P00025		FAN MOTOR OUTDOOR
31	0121P00108		PANEL-PARTITION
41	0161P00055		FAN, CONDENSER
51	C6300502		CAPACITOR STRAP
61	CAP050300450CS		CAP, 5/30 MFD/450V/DUAL RD
71	802007090		TERMINAL BOARD
81	0130P00098		THERMISTOR OAT GREEN
91	11046302		LEVER ARM (M1)
101	0163P00019		CABLE (M1)
111	0121P00177		DOOR-VENT PTC
121	0121P00079		BRACKET, VENT DOOR (M2)
131	0121P00072		BRACKET, VENT DOOR-C (M1)
131	0121P00180		BRKT, POWER VENT (M2)
141	11166401		EXTENSION SPRING (M2)
151	CAP020000440RP		CAPACITOR
161	0163P00029		CAPACITOR CLAMP
181	11191703		PARTITION PANEL BRACKET (QTY 2)
191	0130P00137		POWER VENT MOTOR (M2)
201	11166201		POWER VENT COVER BRACKET (M2)
211	11166101		POWER VENT MOTOR BRACKET (M2)
NS	0130P00133		HUMIDITY SENSOR (M2)

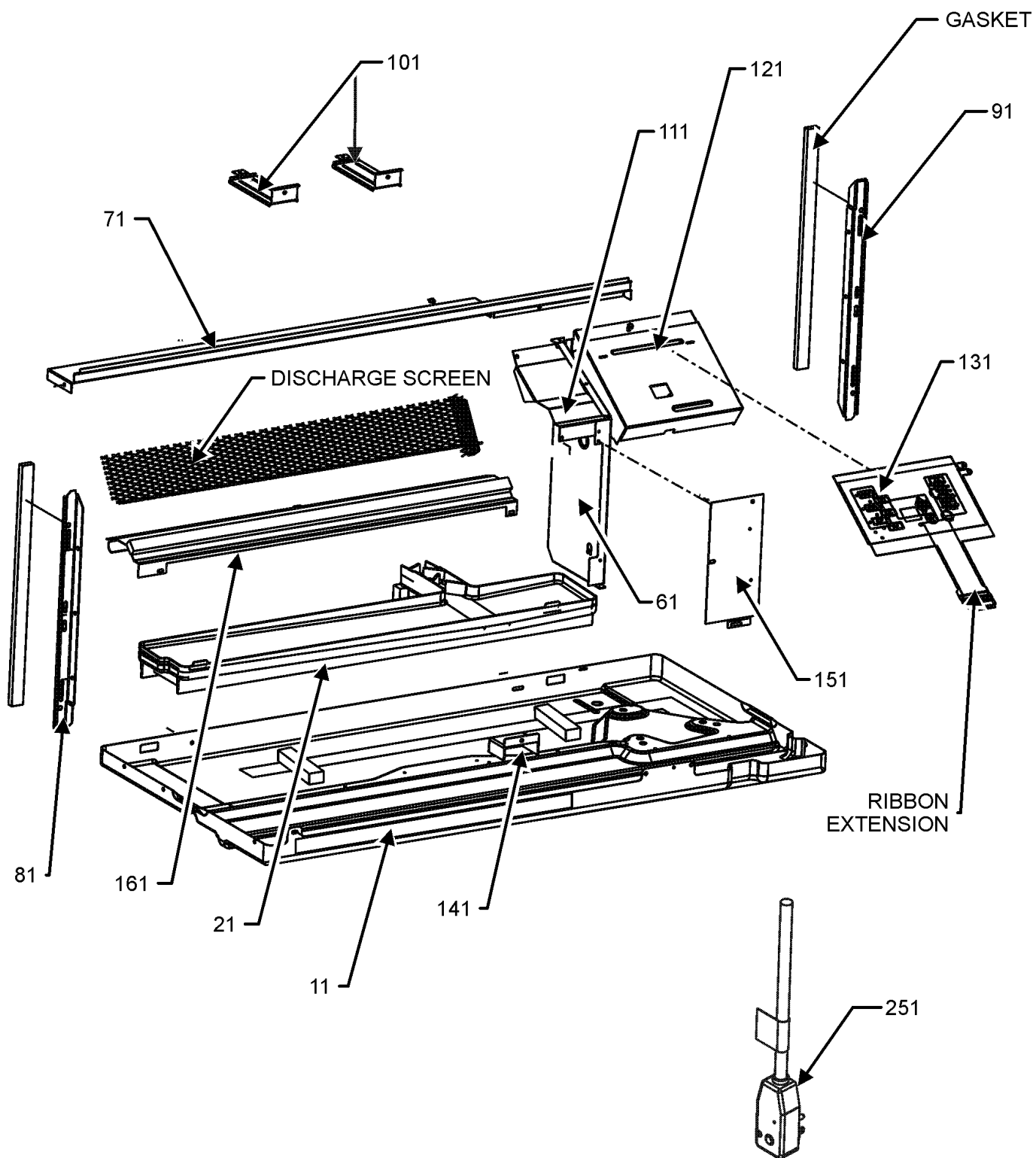
Expanded Model Nomenclature

M1 - PTH153G50RXXXGA

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Base Pan Assembly

BASE PAN ASSEMBLY



Base Pan Assembly

Ref. Part			Ref. Part		
No:	No:	Description:	No:	No:	Description:
Image 1:					
11	0121P00175DG	BASE PAN			
21	0161P00044	PLASTIC-DRAIN PAN			
61	0121P00278	PANEL-MID PTN PTC			
71	0121P00063	TOP, PARTITION PANEL			
81	0121P00197	SEAL-L SIDE PTC			
91	0121P00198	SEAL-R SIDE PTC			
101	0121P00071	BRACE, TIE (QTY 2)			
111	0121P00070DG	COVER, MOTOR			
121	0121P00280	COVER-CONTROL PANEL			
131	RSKP0015	CONTROL PANEL COVER AND MEMBRANE			
141	0161P00016	PLASTIC-HOOD			
151	20410801	ACCESS COVER			
161	0121P00061DG	CUTOFF-SCROLL DG			
251	0130P00118	CORD,250VAC,30A (LCD)			
NS	0130P00109	MEMBRANE (CONTROL)			

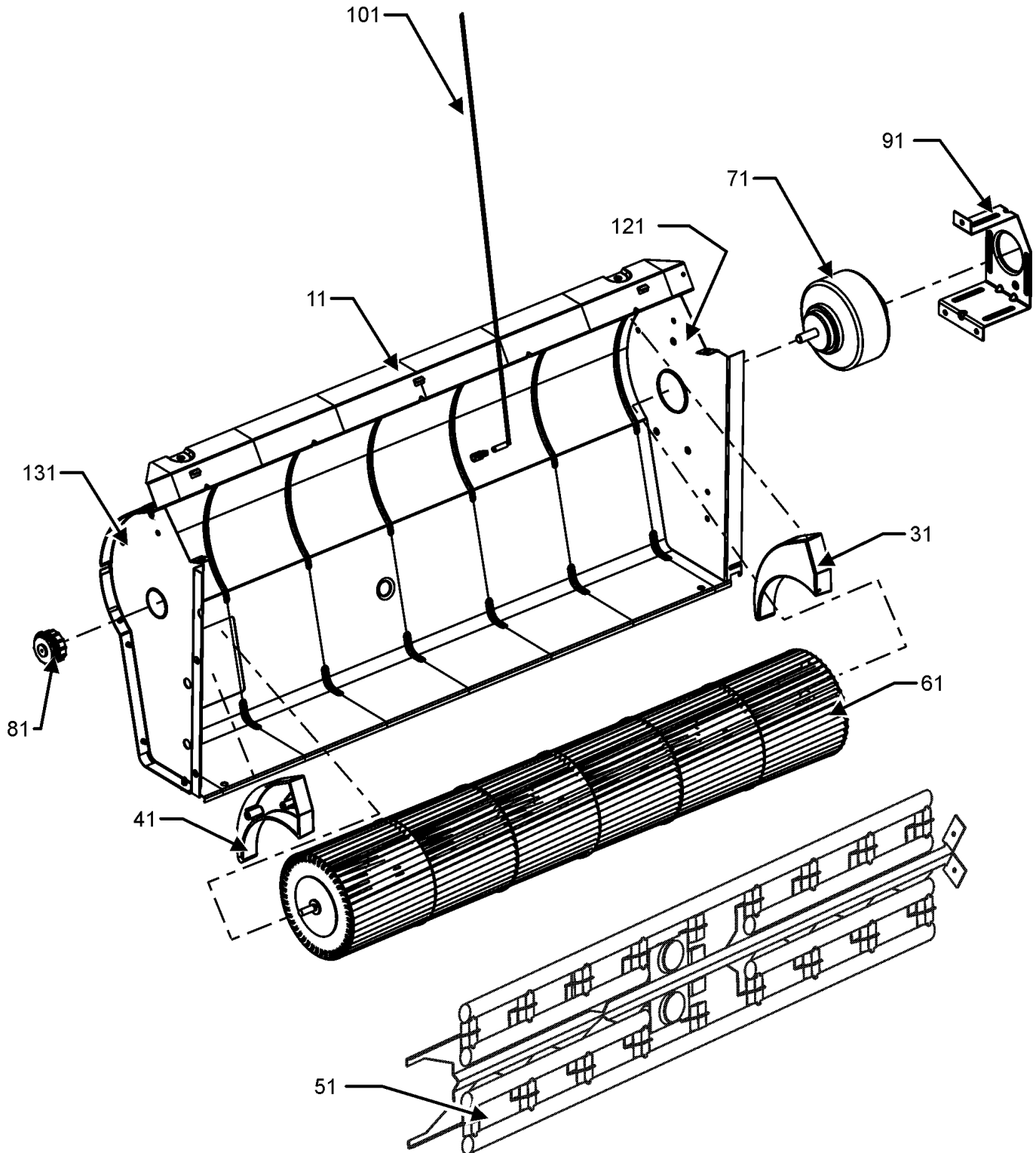
Expanded Model Nomenclature

M1 - PTH153G50RXXXGA

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Indoor Blower Assembly

INDOOR BLOWER ASSEMBLY



Indoor Blower Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

11	0121P00173DG	SCROLL
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00039	HEATER ASSY
61	0150P00005	WHEEL, BLOWER
71	0131P00055	FAN MOTOR, INDOOR
81	0163P00027	BEARING
91	0121P00048	BRACKET-MOTOR MOUNT
101	0130P00134	THERMISTOR IDT YELLOW
121	0121P00059DG	ENDPLATE-RH SCROLL
131	0121P00215DG	ENDPLATE-LH SCROLL, PNT

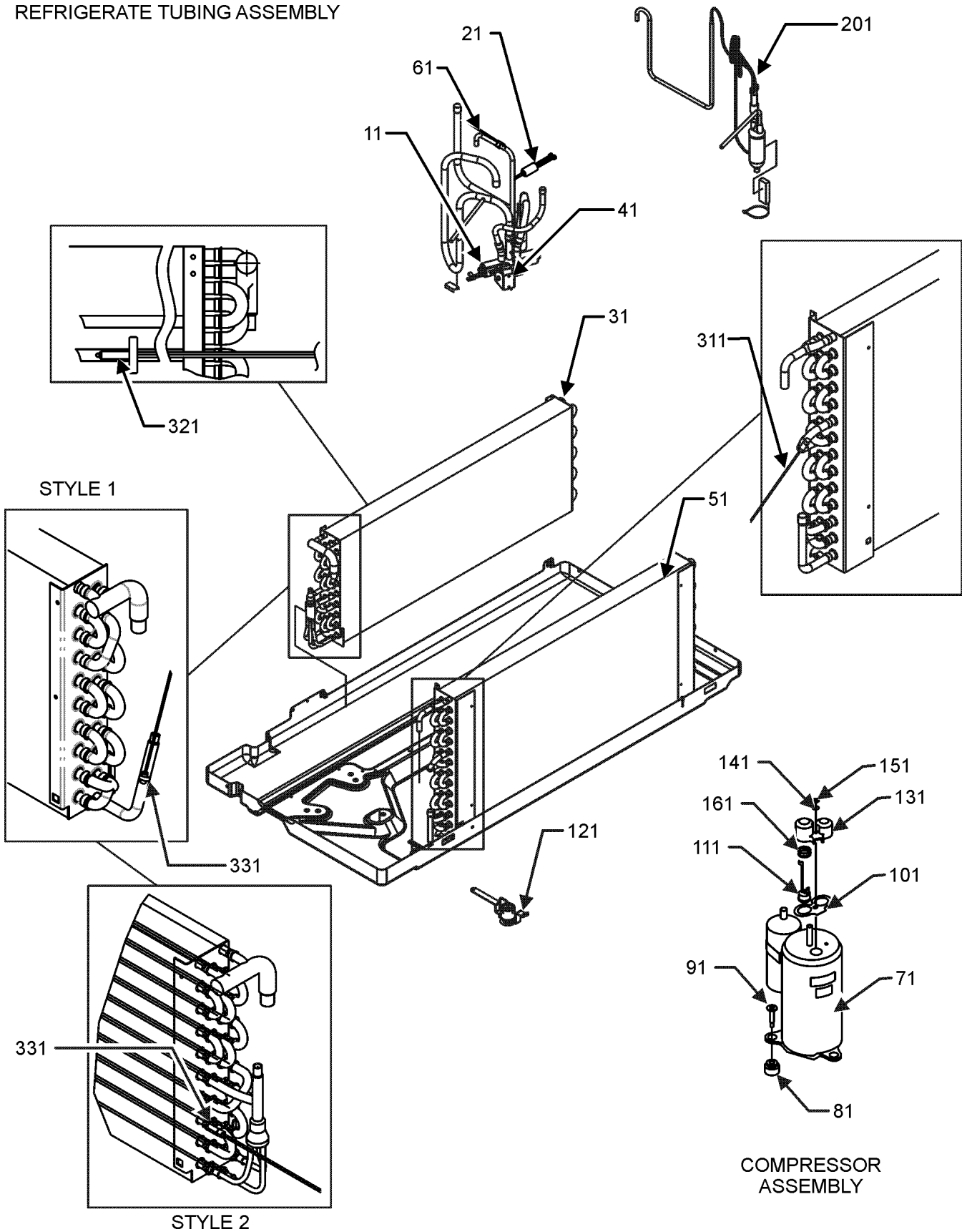
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Refrigerant Tubing Assembly

REFRIGERATE TUBING ASSEMBLY



Refrigerant Tubing Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0151P00013		PTAC Reversing Valve Assy
21	0130M00169		SWITCH, HIGH PRESS
31	0202P00094		7MM EVAP ASSY 3 ROW
41	0130P00022		REVERSING VALVE COIL
51	0201P00099		7MM CONDENSER COIL ASSY
61	0130P00077		THERMISTOR IHD ORANGE (M1)
71	50A362QM-9GKG		COMPRESSOR, RECHI
81	60140209		GROMMET - RECHI COMPRESSOR (QTY 3)
91	M0253610		SCREW-SHLDR (QTY 3)
101	60100103		TERMINAL GASKET
111	60343546		OVERLOAD PROTECTOR
121	20406303		BASE PAN VALVE
131	60100314		TERMINAL COVER - RECHI COMP
141	60100201		WASHER - RECHI COMPRESSOR
151	60100401		TERMINAL NUT - RECHI COMP
161	60500101		OLP SPRING - RECHI COMPRESSOR
201	0210P00462		CAPILLARY ASSY
311	0130P00130		THERMISTOR OCT BLUE
321	0130P00164		THERMISTOR IAT BLACK
331	0130P00159		THERMISTOR ICT RED
NS	BT1392310		PLASTIC CLAMP, .1875 DIA (M2)

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