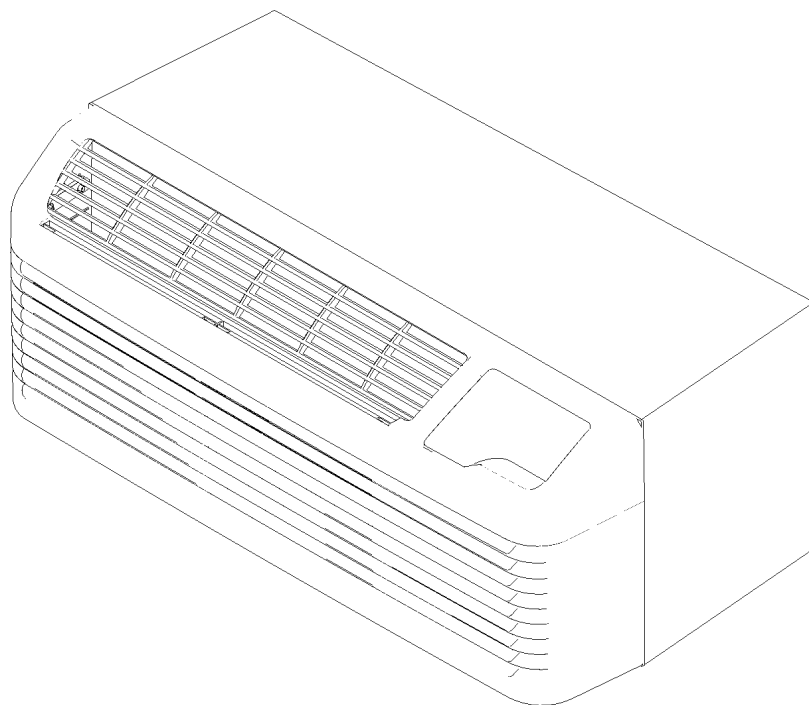


PTH***E Package Terminal Heat Pump (50Hz Export)

PTH105E30AXXXAB

PTH125E30AXXXAB



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This manual is to be used by qualified technicians only.

Important Information

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Functional Parts List	3
Illustration and Parts	4 - 13

Views shown are for parts illustrations only, not servicing procedures

Release of 50Hz models for export.

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:

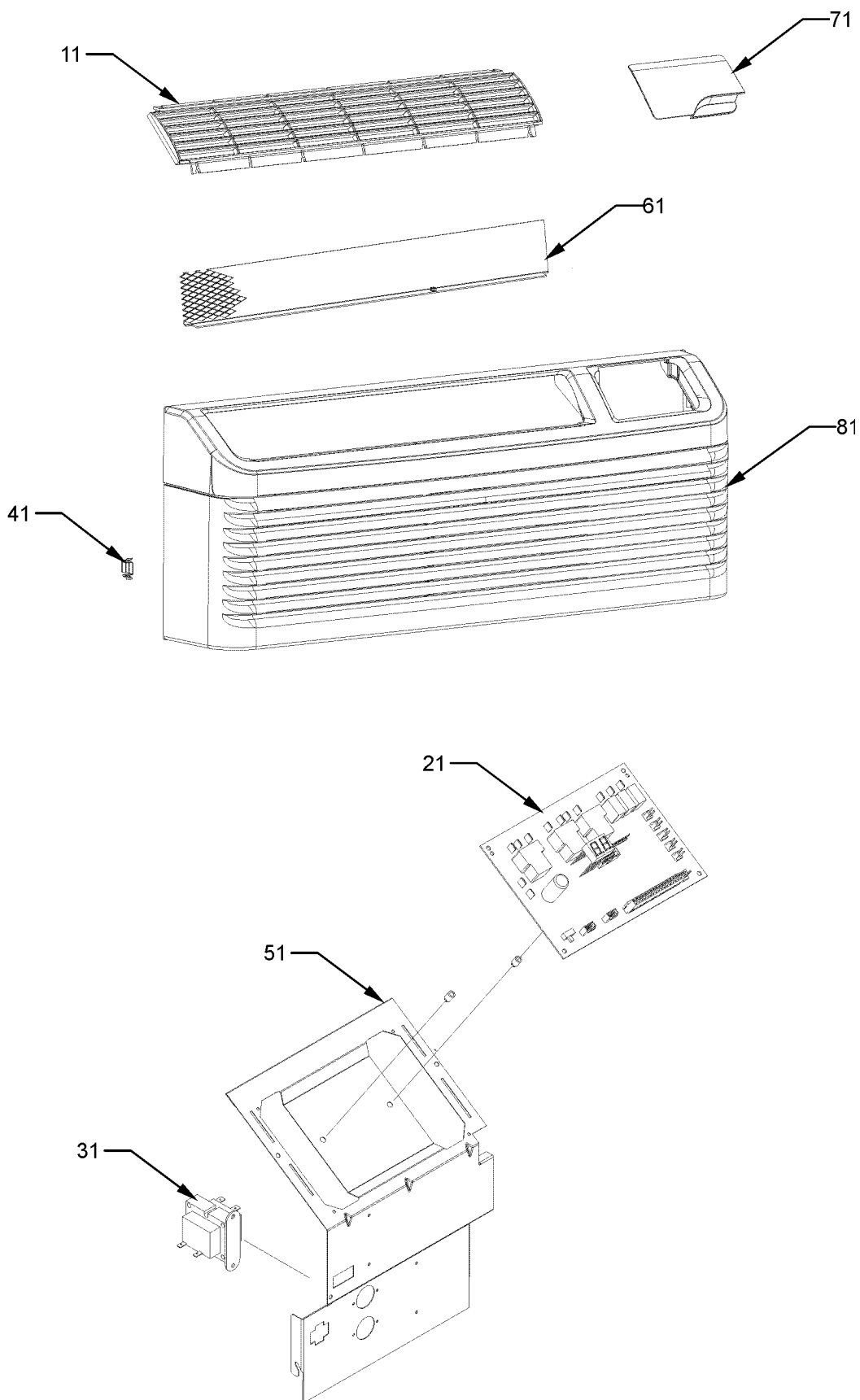
CAP030250450CS	CAP, 3/25 MFD/450V/DUAL RD (M2)
CAP030300440CS	CAP, 3/30 MFD/440V/DUAL RD (M1)
CAP015000500RP	CAPACITOR
50A367Q	COMPRESSOR, RECHI (M2)
44A287A	COMPRESSOR, RECHI (M1)
RSKP0010	CONTROL BOARD M61
RSKP0005	CONTROL PANEL COVER AND MEMBRANE
0130P00058	CORD, 250VAC, 20A (LCD)
0131P00038	FAN MOTOR, INDOOR
0131P00009	FAN MOTOR, OUTDOOR
0161P00030	FAN, CONDENSER
0275P00024S	HEATER ASSY
0130M00132	HIGH PRESSURE SWITCH
60343539	OVERLOAD PROTECTOR (M1)
60343525	OVERLOAD PROTECTOR (M2)
0151P00000	REVERSING VALVE ASSY-230V
0130P00022	REVERSING VALVE COIL
0130P00093	THERMISTOR
0130P00074	THERMISTOR
0130P00086	THERMISTOR
0130P00075	THERMISTOR-DISCHARGE
0130M00149	Trans. ,40VA, 240V/208V to 24V
0150P00004	WHEEL, BLOWER

Expanded Model Nomenclature

M1 - PTH105E30AXXXAB

M2 - PTH125E30AXXXAB

Front Assy



Front Assy

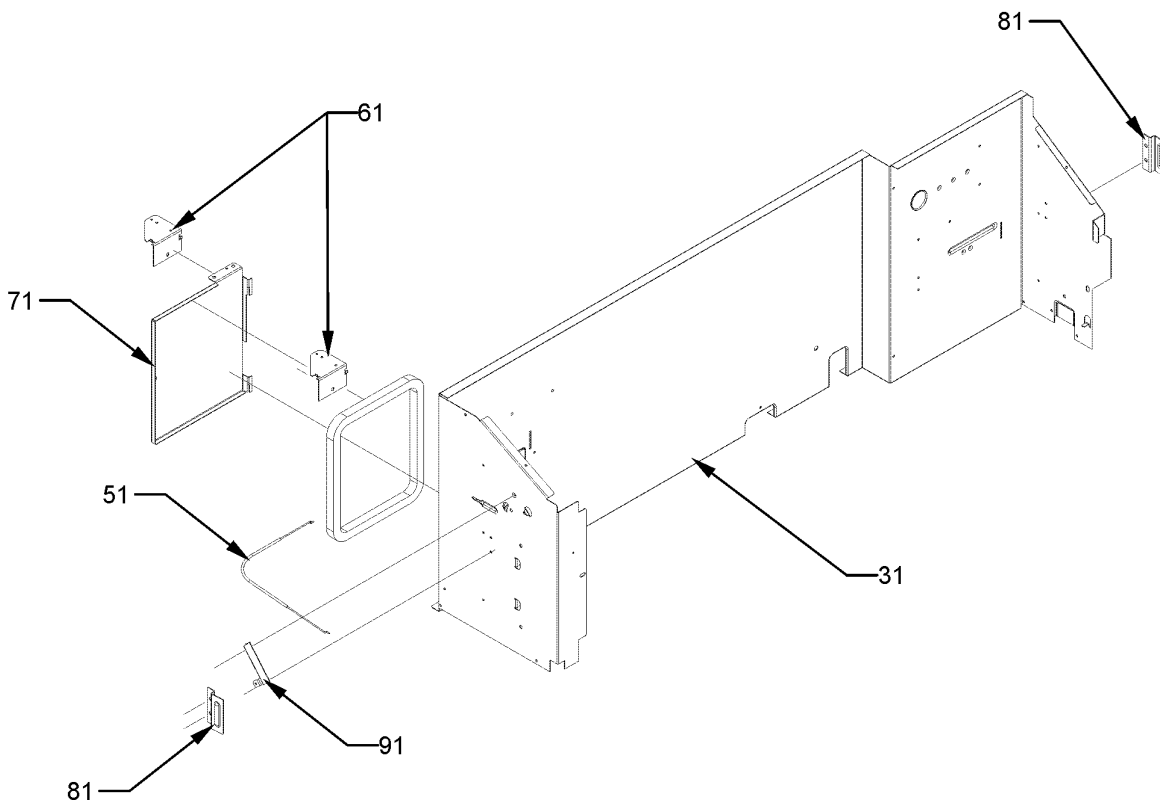
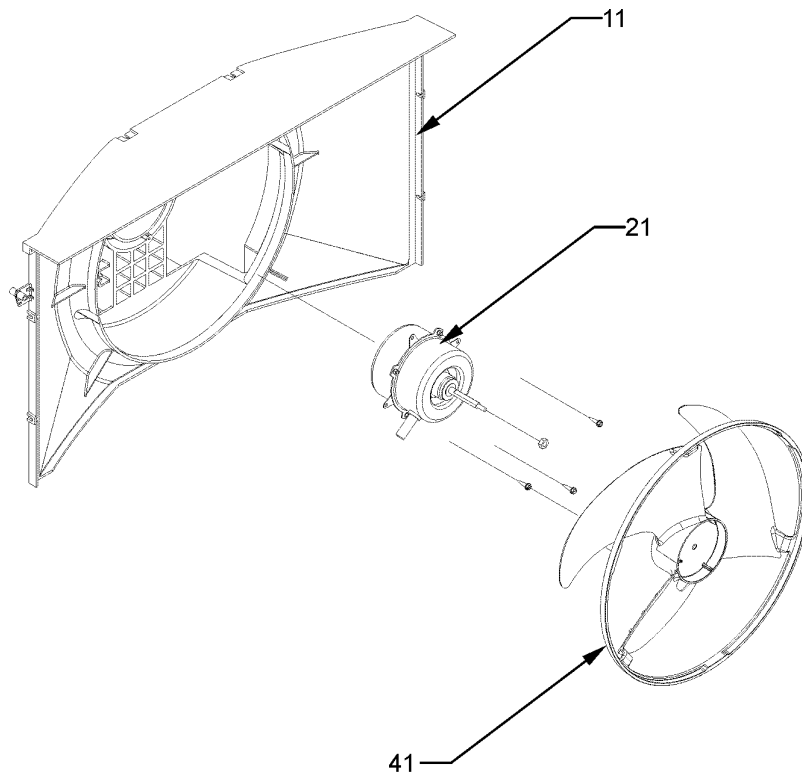
Ref. Part			Ref. Part		
No:	No:	Description:	No:	No:	Description:
<i>Image 1:</i>					
11	0161P00033	FRONT-DICHARGE LOUVERS			
21	RSKP0010	CONTROL BOARD M61			
31	0130M00149	Trans. ,40VA, 240V/208V to 24V			
41	0163P00025	CLIP (QTY 2)			
51	0121P00001P	CONTROL PANEL COVER			
61	0121P00073	SCREEN, DISCHARGE			
71	0261P00003	DOOR ASSY -AMANA-			
81	0261P00011	FRONT ASSY			
NS	0161P00035	FILTER, RACK (QTY 2)			

Expanded Model Nomenclature

M1 - PTH105E30AXXXAB

M2 - PTH125E30AXXXAB

Chassis Control Panel



Chassis Control Panel

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

Image 1:

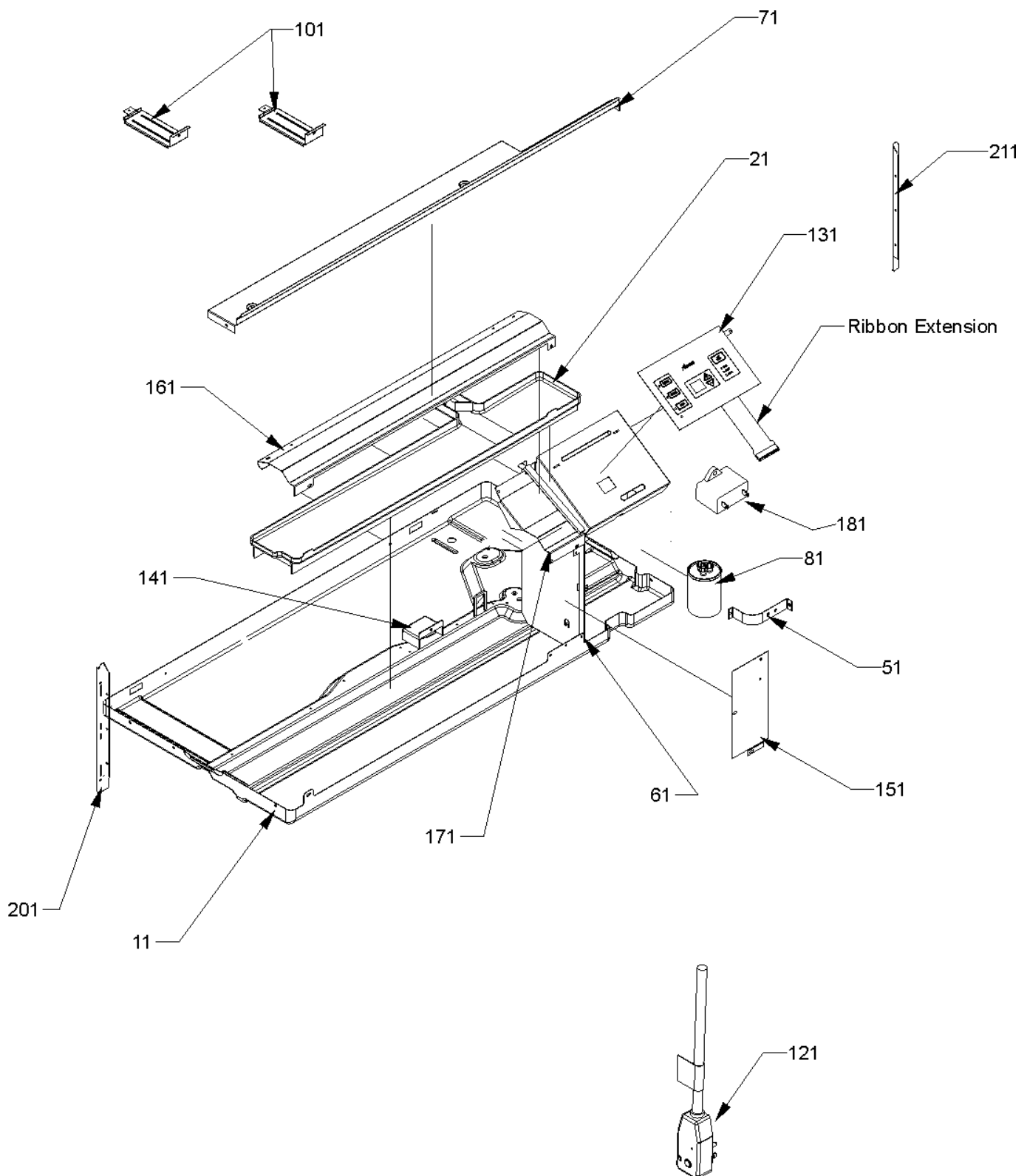
11	0161P00026	SHROUD, CONDENSER
21	0131P00009	FAN MOTOR, OUTDOOR
31	0121P00108	PANEL-PARTITION PNT
41	0161P00030	FAN, CONDENSER
51	0163P00019	CABLE
61	0121P00072	BRACKET, VENT DOOR-C (QTY 2)
71	11046105	VENT DOOR
81	11191703	PARTITION PANEL BRACKET (QTY 2)
91	11046302	LEVER ARM

Expanded Model Nomenclature

M1 - PTH105E30AXXXAB

M2 - PTH125E30AXXXAB

Partition Assy



Partition Assy

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

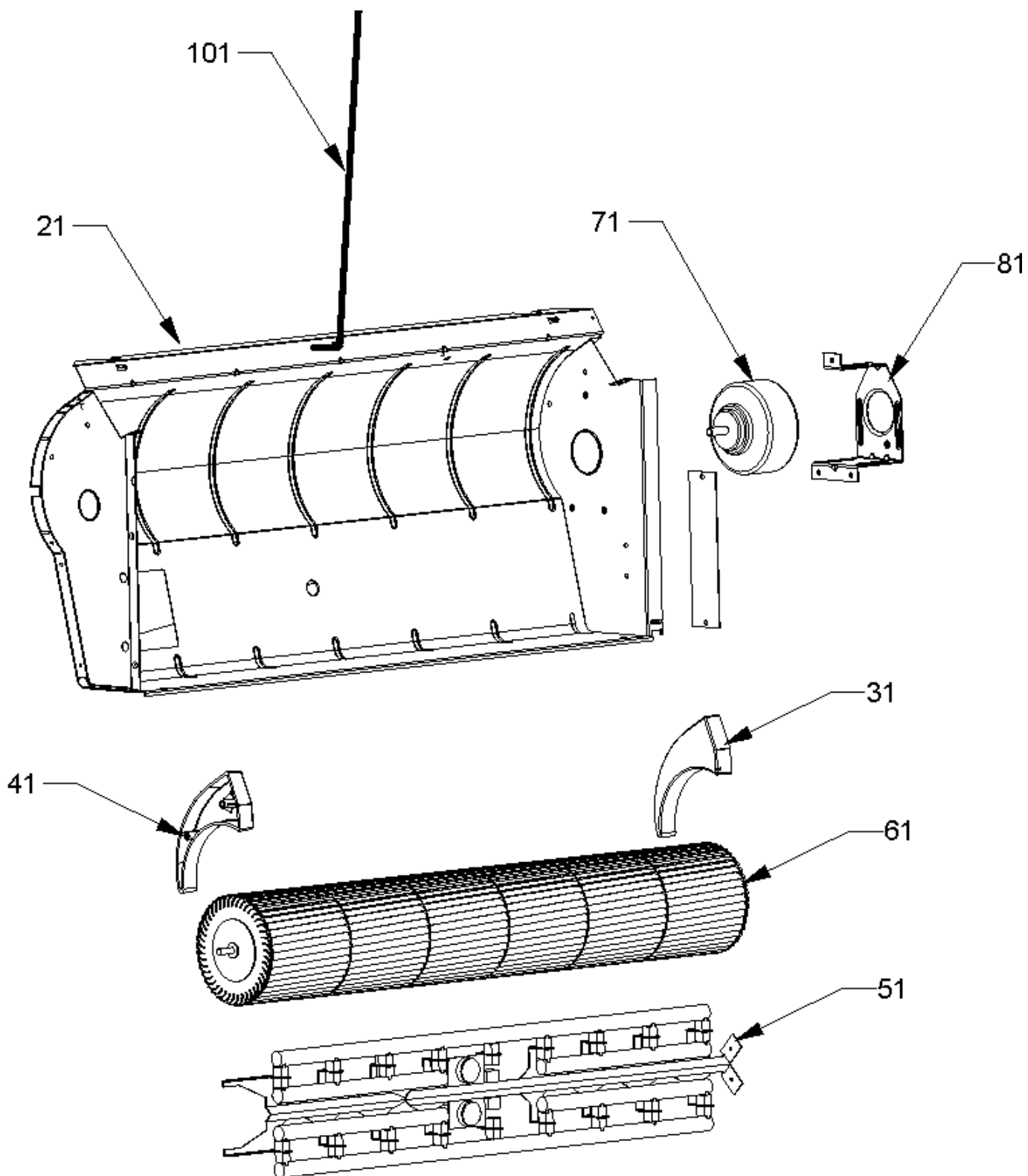
11	0121P00056DG	BASEPAN, PNT
21	0161P00044	PLASTIC-DRAIN PAN
51	C6300502	CAPACITOR STRAP
61	20403301	MID PARTITION PANEL
71	0121P00063	TOP, PARTITION PANEL PNT
81	CAP015000500RP	CAPACITOR
101	0121P00071DG	BRACE, TIE PNT (QTY 2)
121	0130P00058	CORD, 250VAC, 20A (LCD)
131	RSKP0005	CONTROL PANEL COVER AND MEMBRANE
141	0161P00016	PLASTIC-HOOD
151	20410801	ACCESS COVER
161	0121P00061DG	CUTOFF-SCROLL DG
171	0121P00070DG	COVER, MOTOR PNT
181	CAP030250450CS	CAP, 3/25 MFD/450V/DUAL RD (M2)
181	CAP030300440CS	CAP, 3/30 MFD/440V/DUAL RD (M1)
201	20416101	SEAL-R SIDE PTC
211	20416201	SEAL-L SIDE PTC

Expanded Model Nomenclature

M1 - PTH105E30AXXXAB

M2 - PTH125E30AXXXAB

Indoor Assy



Indoor Assy

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

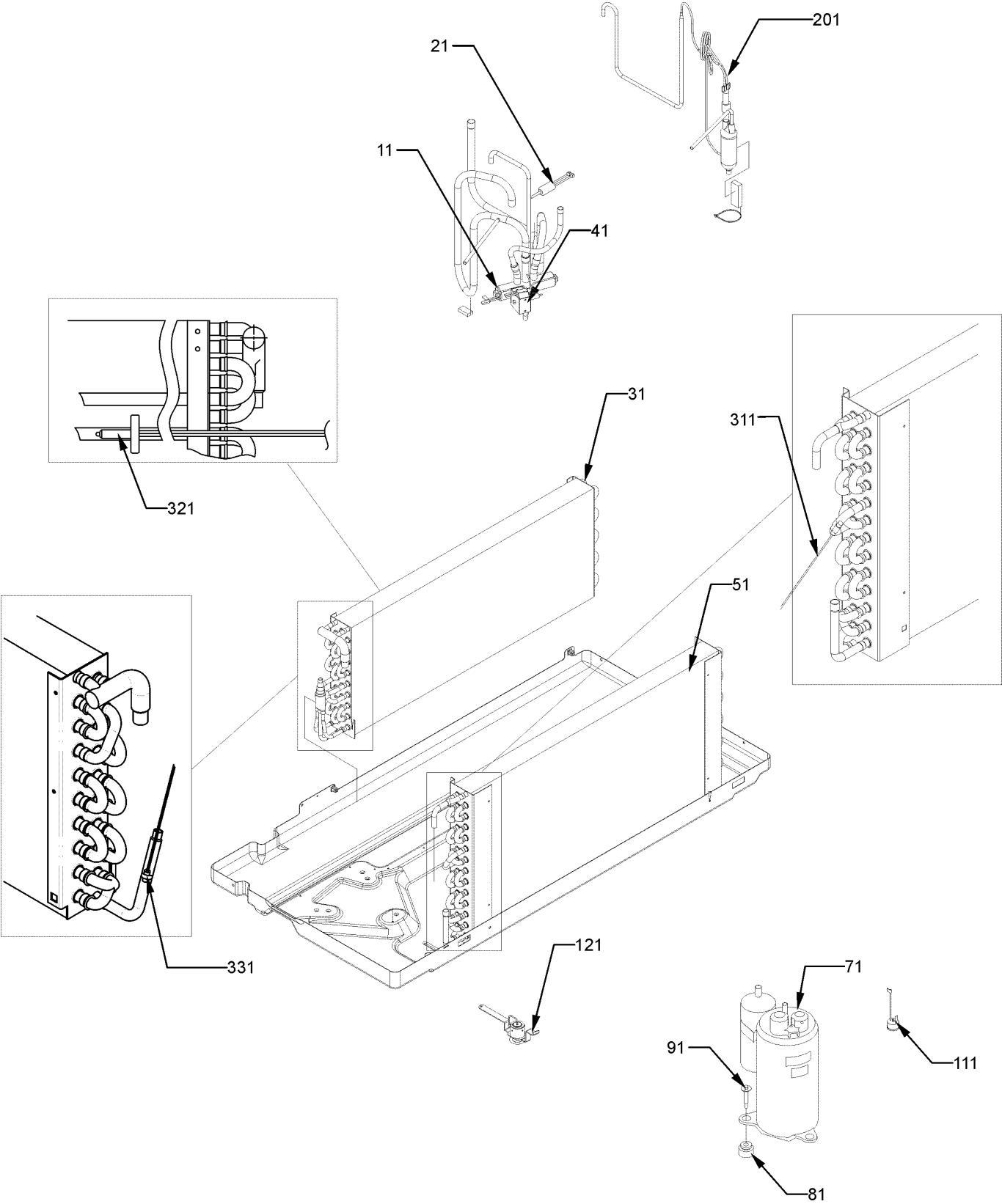
21	0270P01070	SCROLL ASSY
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00024S	HEATER ASSY
61	0150P00004	WHEEL, BLOWER
71	0131P00038	FAN MOTOR, INDOOR
81	0121P00048	BRACKET-MOTOR MOUNT
101	0130P00075	THERMISTOR-DISCHARGE
NS	0163P00027	BEARING

Expanded Model Nomenclature

M1 - PTH105E30AXXXAB

M2 - PTH125E30AXXXAB

Tubing Assy



Tubing Assy

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>			
11	0151P00000		REVERSING VALVE ASSY-230V
21	0130M00132		HIGH PRESSURE SWITCH
31	0202P00065S		EVAP ASSY, 5/16, 3 ROW
41	0130P00022		REVERSING VALVE COIL
51	0201P00079		CONDENSER ASSY
71	44A287A		COMPRESSOR, RECHI (M1)
71	50A367Q		COMPRESSOR, RECHI (M2)
81	60130203		GROMMET - RECHI COMPRESSOR (M1)
81	60140209		GROMMET - RECHI COMPRESSOR (M2)
91	0163M00079		SCREW, SHOULDER (M1)
91	M0253610		SHOULDER SCREW (M2)
111	60343525		OVERLOAD PROTECTOR (M2)
111	60343539		OVERLOAD PROTECTOR (M1)
121	20406303		BASE PAN VALVE
201	0210P00106		CAPILLARY WELDMENT (M1)
201	0210P00152		CAPILLARY WELDMENT (M2)
311	0130P00093		THERMISTOR
321	0130P00074		THERMISTOR
331	0130P00086		THERMISTOR
NS	60500101		OLP SPRING - RECHI COMPRESSOR
NS	60100314		TERMINAL COVER - RECHI COMP
NS	60100103		TERMINAL GASKET
NS	60100401		TERMINAL NUT - RECHI COMP
NS	60100201		WASHER - RECHI COMPRESSOR

Expanded Model Nomenclature

M1 - PTH105E30AXXXAB
M2 - PTH125E30AXXXAB