

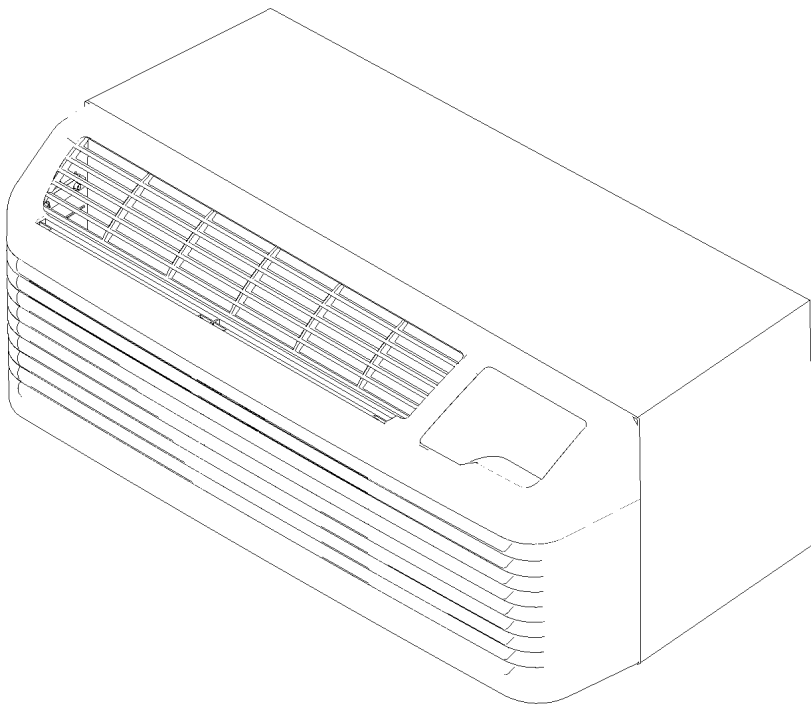
PTC173G Package Terminal Air Conditioner

PTC173G00AXXXAA

PTC173G00HXXXAA

PTC173G35AXXXAA

PTC173G50AXXXAA



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This manual is to be used by qualified technicians only.

This manual replaces RP-874.

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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:

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

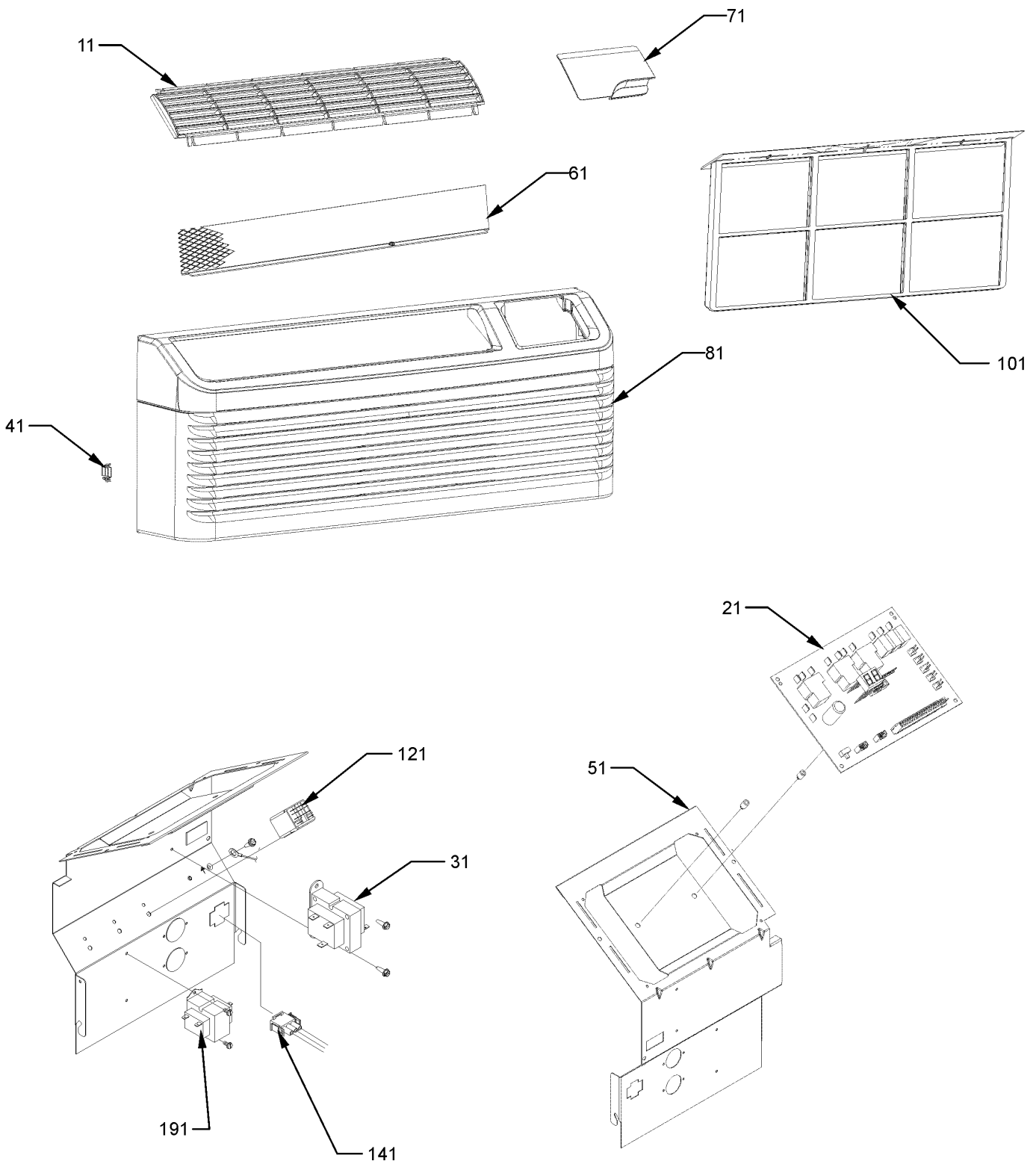
No: Description:

CAP400000440CS	CAP, 40 MFD/440V/SINGLE RD
CAP020000440RP	CAPACITOR 2/440V
50A422Q	COMPRESSOR, RECHI
RSKP0010	CONTROL BOARD M61
RSKP0005	CONTROL PANEL COVER AND MEMBRANE
0130P00059	CORD, 250VAC, 15A (LCD) (M1, M2)
0130P00058	CORD, 250VAC, 20A (LCD) (M3)
0130P00061	CORD, 250VAC, 30A (LCD) (M4)
0131P00036	FAN MOTOR, INDOOR
0131P00030	FAN MOTOR, OUTDOOR DC
0161P00030	FAN, CONDENSER
60343611	OVERLOAD PROTECTOR-RECHI
0130M00096	RELAY
C8873917	RELAY (HYDRONIC) (M2)
0130M00238	SWITCH, HIGH PRESS
0130P00074	THERMISTOR
0130P00134	THERMISTOR - DISCHARGE
0130P00086	THERMISTOR - INDOOR COIL
0130M00152	TRANSFORMER (M1, M3, M4)
0130M00149	TRANSFORMER 240V/208V TO 24V, 40VA (M2)
PCBEP101	VARIABLE SPEED TERMINAL BOARD
0150P00004	WHEEL, BLOWER

Expanded Model Nomenclature

M1 - PTC173G00AXXXAA
M2 - PTC173G00HXXXAA
M3 - PTC173G35AXXXAA
M4 - PTC173G50AXXXAA

Control Panel / Front Assembly



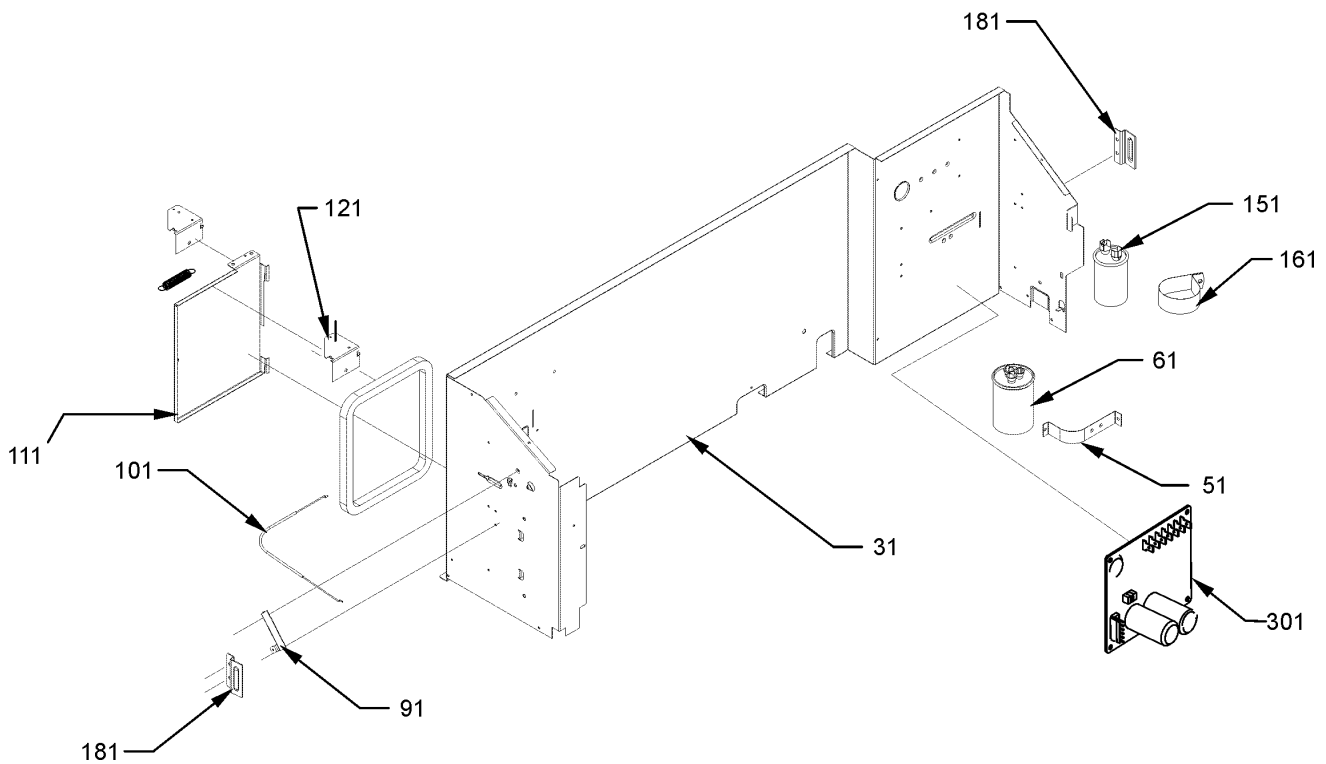
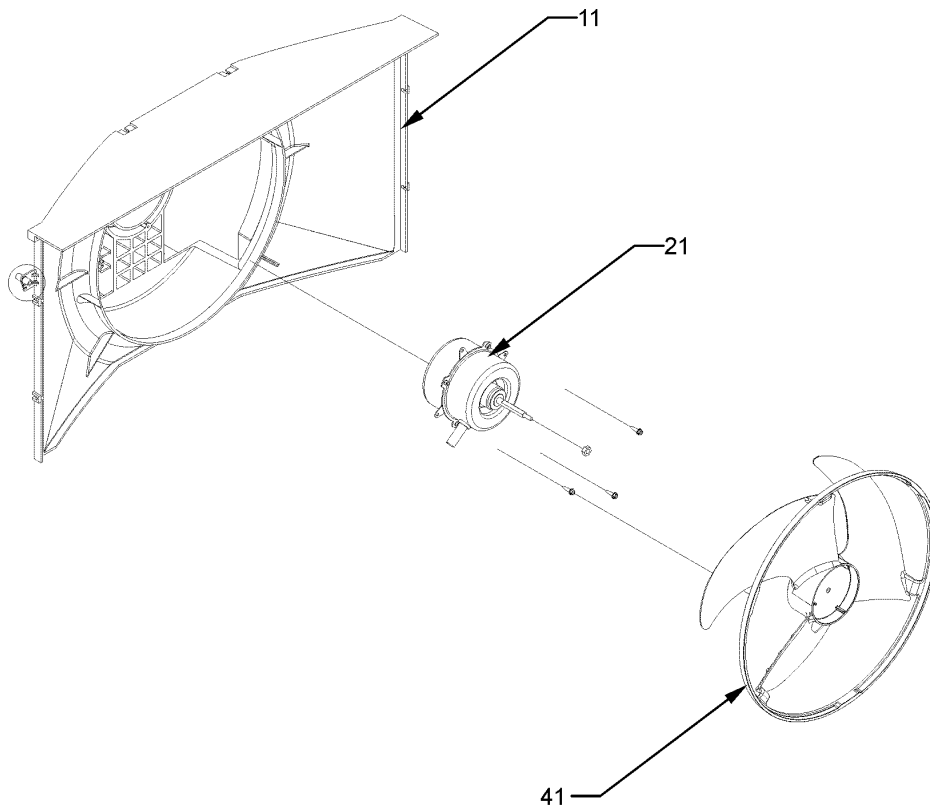
Control Panel / Front Assembly

Ref. Part			Ref. Part		
No:	No:	Description:	No:	No:	Description:
Image 1:					
11	0161P00033	FRONT-DISCHARGE LOUVERS (M1, M3, M4)			
21	RSKP0010	CONTROL BOARD M61			
31	0130M00152	TRANSFORMER (M1, M3, M4)			
41	0163P00025	CLIP (M1, M3, M4)			
51	0121P00087	PANEL, CONTROL			
61	0121P00073	SCREEN, DISCHARGE (M1, M3, M4)			
71	0261P00003	DOOR ASSY -AMANA- (M1, M3, M4)			
81	0261P00011	FRONT ASSY (M1, M3, M4)			
101	0161P00035	FILTER, RACK (M1, M3, M4)			
121	0130M00096	RELAY			
121	C8873917	RELAY (HYDRONIC) (M2)			
141	0259P00009	HARNESS, HYDR HT PTC (M2)			
191	0130M00149	TRANSFORMER 240V/208V TO 24V, 40VA (M2)			

Expanded Model Nomenclature

M1 - PTC173G00AXXXAA
M2 - PTC173G00HXXXAA
M3 - PTC173G35AXXXAA
M4 - PTC173G50AXXXAA

Condenser Fan / Partition Assembly



Condenser Fan / Partition Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

11	0161P00026	SHROUD, CONDENSER
21	0131P00030	FAN MOTOR, OUTDOOR DC
31	0121P00108	PANEL-PARTITION
41	0161P00030	FAN, CONDENSER
51	C6300502	CAPACITOR STRAP
61	CAP020000440RP	CAPACITOR 2/440V
91	11046302	LEVER ARM
101	0163P00019	CABLE
111	11046105	VENT DOOR
121	0121P00072	BRACKET, VENT DOOR (QTY 2)
151	CAP400000440CS	CAP, 40 MFD/440V/SINGLE RD
161	0163P00029	CAPACITOR CLAMP
181	11191703	PARTITION PANEL BRACKET (M1, M3, M4)
301	PCBEP101	VARIABLE SPEED TERMINAL BOARD

Expanded Model Nomenclature

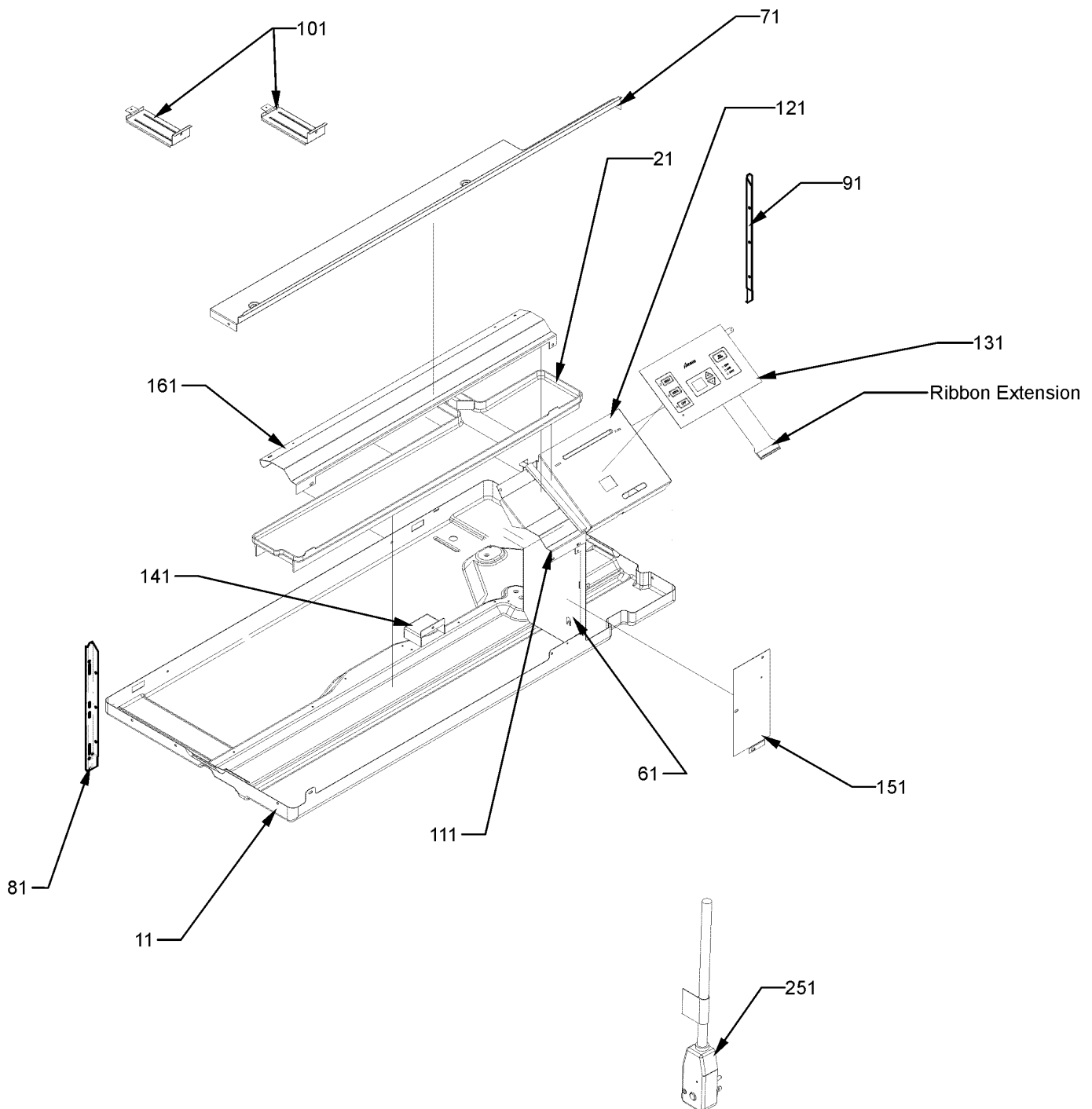
M1 - PTC173G00AXXXAA

M2 - PTC173G00HXXXAA

M3 - PTC173G35AXXXAA

M4 - PTC173G50AXXXAA

Partition Assembly



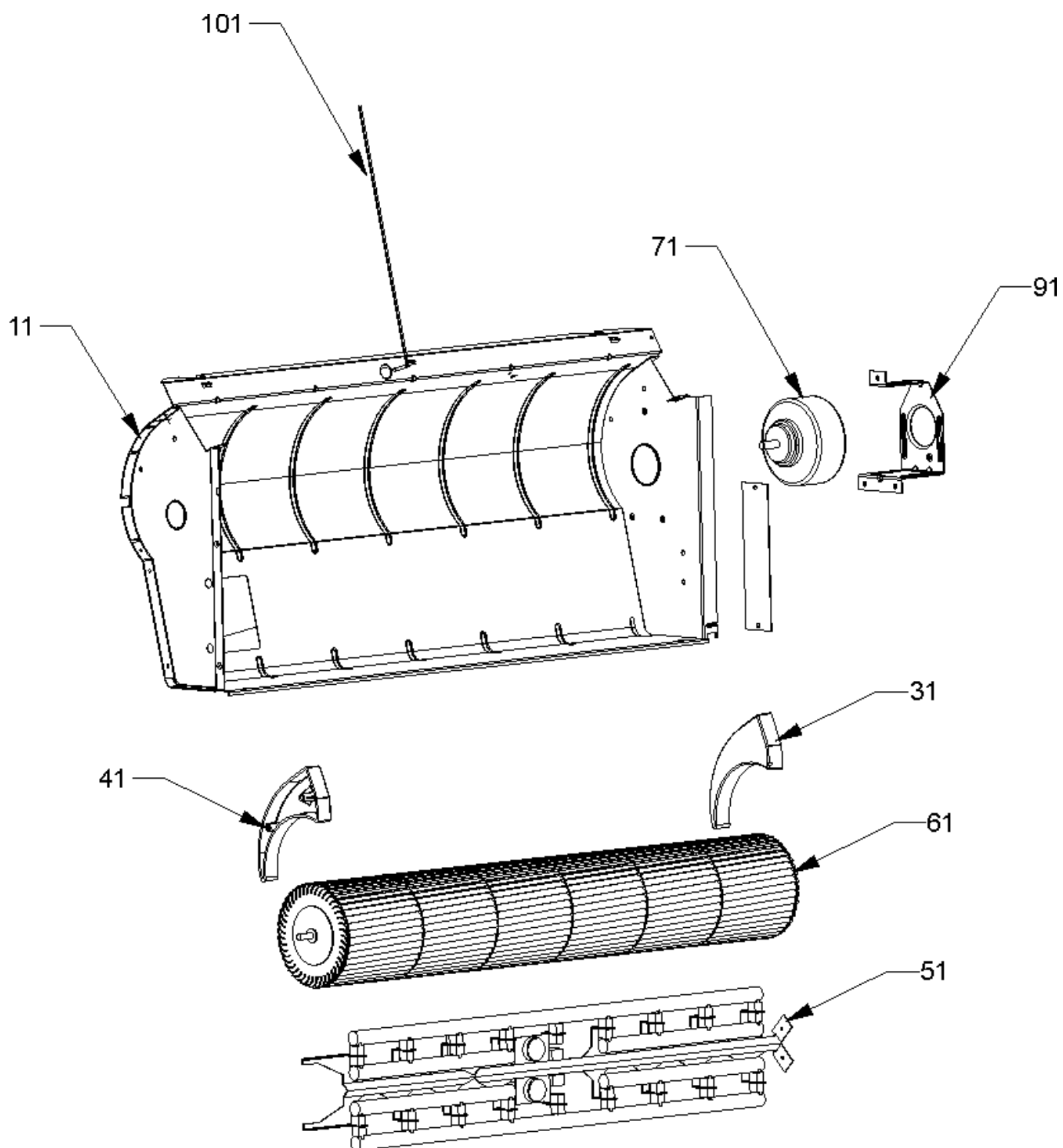
Partition Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0121P00133DG		BASE PAN, PNT
11	0121P00133DG		BASEPAN
21	0161P00044		PLASTIC-DRAIN PAN
61	20403301		MID PARTITION PANEL
71	0121P00063		TOP, PARTITION PANEL
81	20416201		SEAL-L SIDE PTC
91	20416101		SEAL-R SIDE PTC
101	0121P00071		BRACE, TIE (QTY 2)
111	0121P00070DG		COVER, MOTOR
121	0121P00129		COVER-CONTROL PANEL
131	RSKP0005		CONTROL PANEL COVER AND MEMBRANE
141	0161P00016		PLASTIC-HOOD
151	20410801		ACCESS COVER
161	0121P00061DG		CUTOFF-SCROLL DG
251	0130P00059		CORD, 250VAC, 15A (LCD) (M1, M2)
251	0130P00058		CORD, 250VAC, 20A (LCD) (M3)
251	0130P00061		CORD, 250VAC, 30A (LCD) (M4)
NS	0130P00054		MEMBRANE (CONTROL)

Expanded Model Nomenclature

M1 - PTC173G00AXXXAA
M2 - PTC173G00HXXXAA
M3 - PTC173G35AXXXAA
M4 - PTC173G50AXXXAA

Evaporator Blower / Heater Assembly



Evaporator Blower / Heater Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

11	0270P01070	SCROLL ASSY
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00038	HEATER ASSY (M3)
51	0275P00039	HEATER ASSY (M4)
61	0150P00004	WHEEL, BLOWER
71	0131P00036	FAN MOTOR, INDOOR
91	0121P00048	BRACKET-MOTOR MOUNT
101	0130P00134	THERMISTOR - DISCHARGE
NS	0163P00027	BEARING

Expanded Model Nomenclature

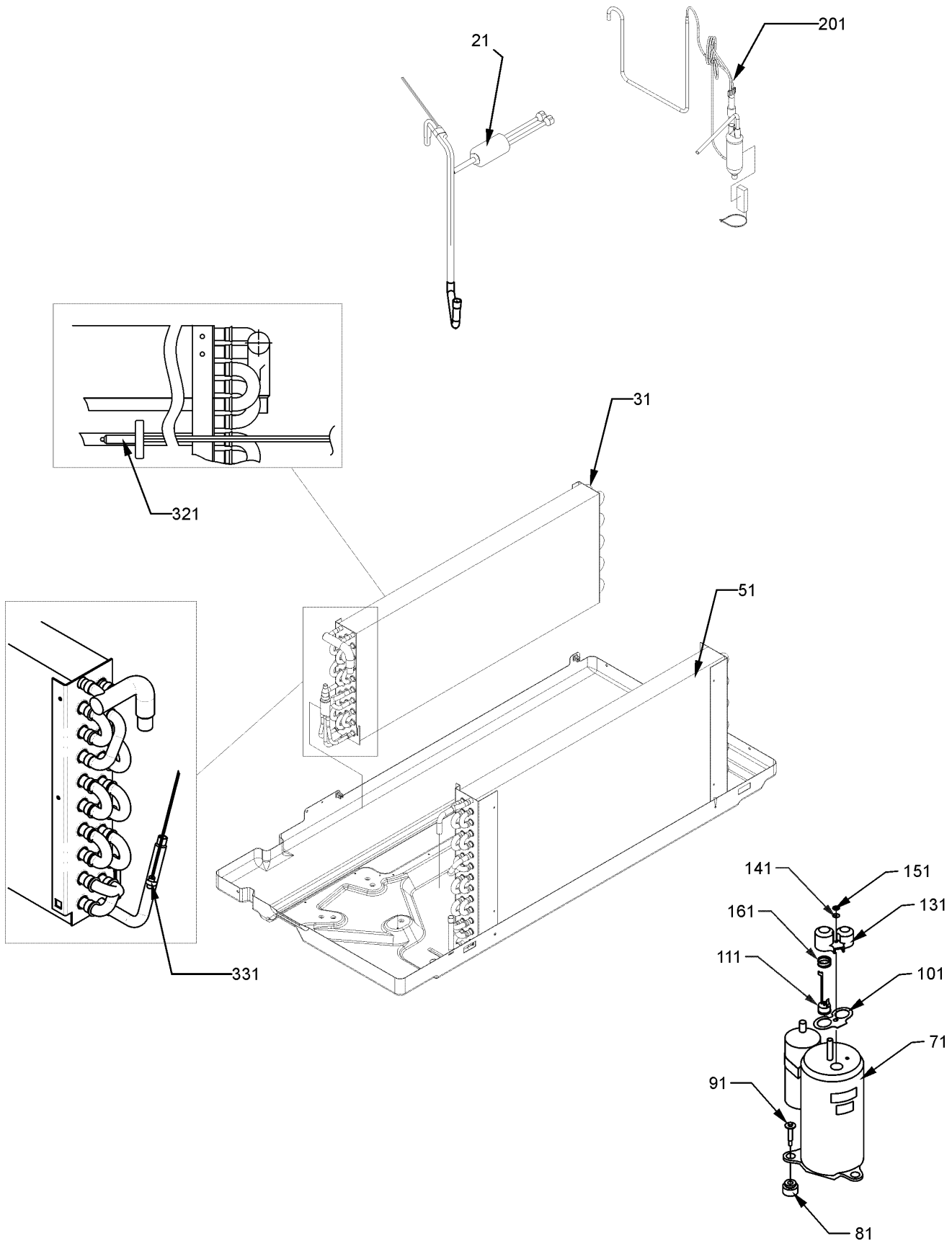
M1 - PTC173G00AXXXAA

M2 - PTC173G00HXXXAA

M3 - PTC173G35AXXXAA

M4 - PTC173G50AXXXAA

Coil / Compressor / Tubing Assembly



Coil / Compressor / Tubing Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

21	0130M00238	SWITCH, HIGH PRESS
31	0202P00065	EVAP ASSY, 5/16, 3 ROW
51	0201P00079	CONDENSER ASSY
71	50A422Q	COMPRESSOR, RECHI
81	60140209	COMPRESSOR GROMMET (QTY 3)
91	M0253610	SHOULDER SCREW (QTY 3)
101	60100103	TERMINAL GASKET
111	60343611	OVERLOAD PROTECTOR-RECHI
131	60100314	TERMINAL COVER - RECHI COMP
141	60100201	WASHER - RECHI COMPRESSOR
151	60100401	TERMINAL NUT - RECHI COMP
161	60500101	OLP SPRING - RECHI COMPRESSOR
201	0210P00249	CAPILLARY WELDMENT
321	0130P00074	THERMISTOR
331	0130P00086	THERMISTOR - INDOOR COIL

Expanded Model Nomenclature

M1 - PTC173G00AXXXAA

M2 - PTC173G00HXXXAA

M3 - PTC173G35AXXXAA

M4 - PTC173G50AXXXAA