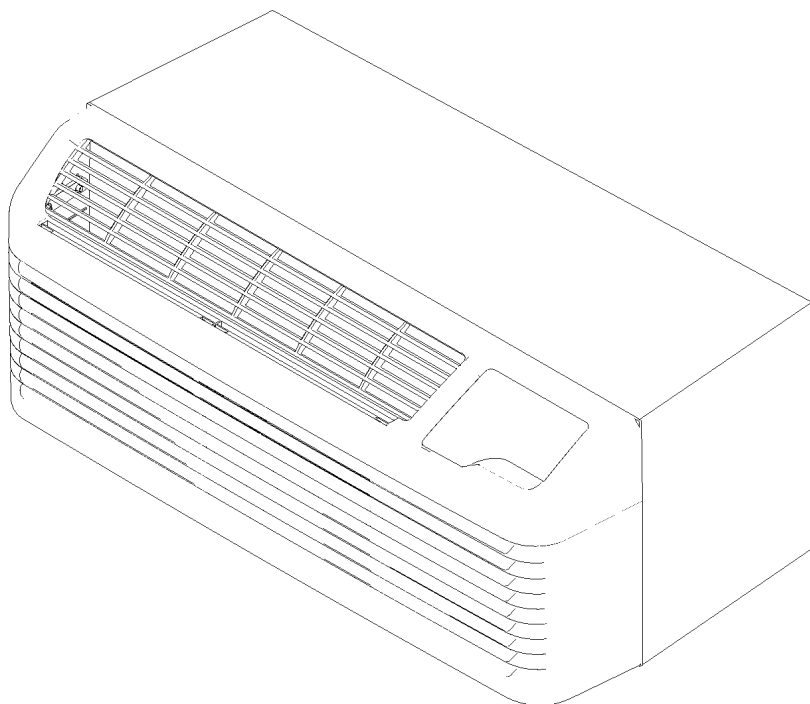


REPAIR PARTS

PTC124G Package Terminal Air Conditioner

PTC124G00HRXXAB
PTC124G00HXXXAB
PTC124G25AXXXAB
PTC124G25CXXXAB
PTC124G25RXXXAB
PTC124G35AXXXAB
PTC124G35CRXXAB
PTC124G35CXXXAB
PTC124G35DXXXAB
PTC124G35QRXXAB
PTC124G35QXXXAB
PTC124G35RXXXAB
PTC124G35VXXXAB
PTC124G50AXXXAB
PTC124G50CXXXAB
PTC124G50QXXXAB
PTC124G50RXXXAB



This manual is to be used by qualified technicians only.

This manual replaces RP-758C.

© 2013-2014 Goodman Manufacturing Company, L.P. ♦ 5151 San Felipe, Suite 500 ♦ Houston, TX 77056

Important Information

Index

Functional Parts List	3
Illustration and Parts	4 - 13

Views shown are for parts illustrations only, not servicing procedures

Rev. D: Removed Power Door Assy and replaced with Power Vent Motor and Terminal Board.

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:

CAP015000500RP	CAPACITOR (M1, M2, M14, M15, M16, M17)
CAP010000500RP	CAPACITOR (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
CAP020300450CS	CAPACITOR 2/30/450V/DUAL RD
RSKP0010	CONTROL BOARD M61
RSKP0005	CONTROL PANEL COVER AND MEMBRANE
0130M00132	CUT-OUT SWITCH, HIGH PRESSURE
0131P00037	FAN MOTOR, INDOOR (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
0131P00038	FAN MOTOR, INDOOR (M1, M2, M14, M15, M16, M17)
0131P00034	FAN MOTOR, OUTDOOR
0161P00030	FAN, CONDENSER
0275P00041	HEATER ASSY (M14, M15, M16, M17)
0275P00040	HEATER ASSY (M6, M7, M8, M9, M10, M11, M12, M13)
0275P00023	HEATER ASSY (M3, M4, M5)
11149201	MUFFIN FAN (M13)
60343539	OVERLOAD PROTECTOR
11172801	POWER VENT MOTOR (M9, M13)
0130M00097	RELAY
C8873917	RELAY (HYDRONIC) (M1, M2)
C8873932	RELAY (POWER VENT) (M9, M13)
B1160701	TERMINAL BOARD (M9, M13)
0130P00073	THERMISTOR
0130P00094	THERMISTOR (M1, M5, M7, M10, M12, M17)
0130P00075	THERMISTOR - DISCHARGE
0130P00077	THERMISTOR - INDOOR (M1, M5, M7, M10, M12, M17)
0130P00084	THERMISTOR - INDOOR COIL
0130P00098	THERMISTOR - OUTDOOR AMBIENT (M1, M5, M7, M10, M12, M17)
0130M00152	TRANSFORMER (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)
0130M00151	TRANSFORMER 277V to 24V, 40VA (M1, M2, M9, M13)
0150P00004	WHEEL, BLOWER

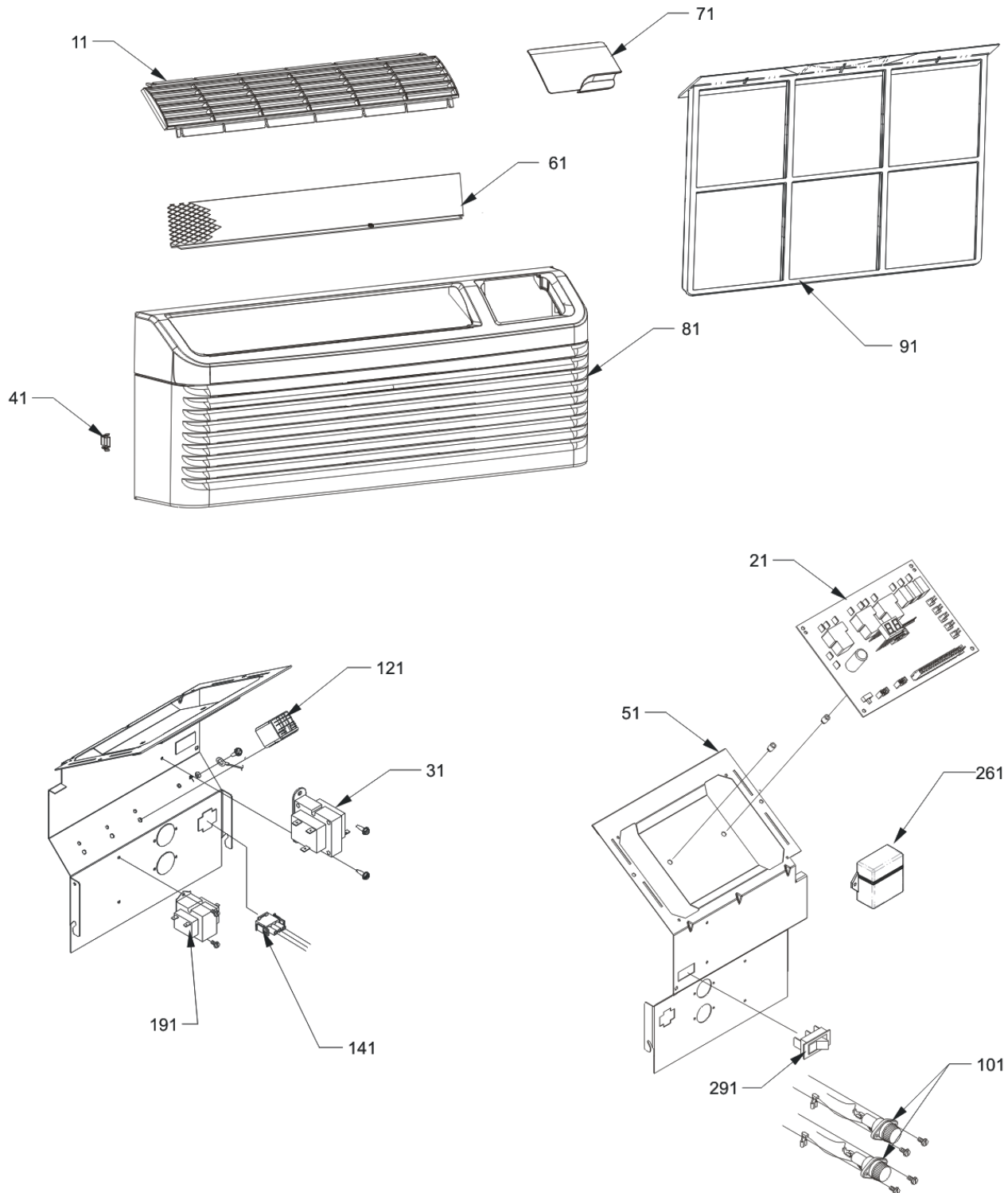
Expanded Model Nomenclature

M1 - PTC124G00HRXXAB
M2 - PTC124G00HXXXAB
M3 - PTC124G25AXXXAB
M4 - PTC124G25CXXXAB
M5 - PTC124G25RXXXAB
M6 - PTC124G35AXXXAB
M7 - PTC124G35CRXXAB
M8 - PTC124G35CXXXAB
M9 - PTC124G35DXXXAB
M10 - PTC124G35QRXXAB
M11 - PTC124G35QXXXAB
M12 - PTC124G35RXXXAB
M13 - PTC124G35VXXXAB
M14 - PTC124G50AXXXAB
M15 - PTC124G50CXXXAB
M16 - PTC124G50QXXXAB
M17 - PTC124G50RXXXAB

SPECIAL PARTS

A3410402	FUSE 15A (M1, M2, M3, M4, M5)
A3410403	FUSE 20A (M6, M7, M8, M9, M10, M11, M12, M13)
A3410404	FUSE 25A (M14, M15, M16, M17)

Control Panel / Front Assembly



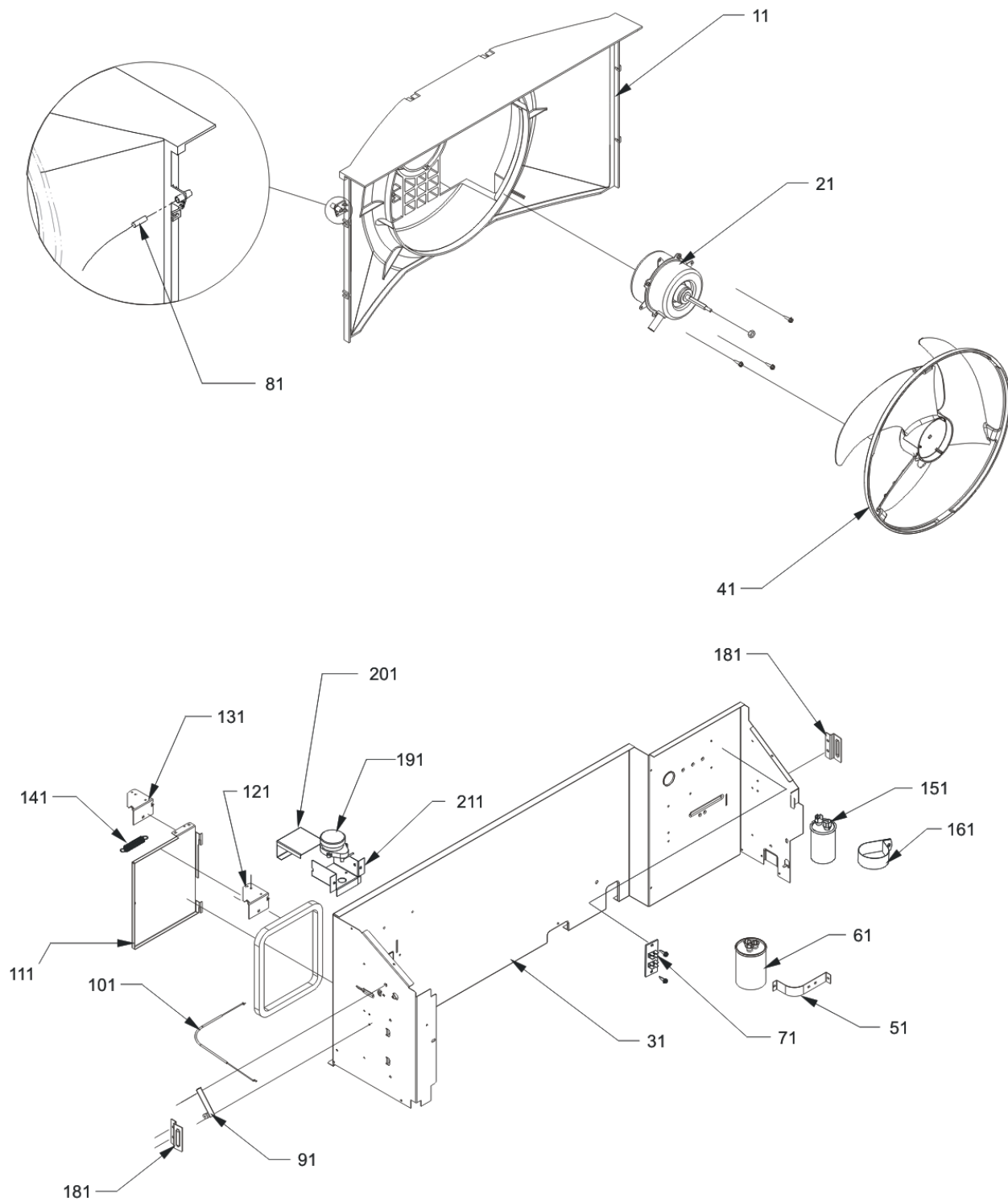
Control Panel / Front Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11 0161P00033	FRONT-DISCHARGE LOUVERS (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)		
21 RSKP0010	CONTROL BOARD M61		
31 0130M00152	TRANSFORMER (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)		
41 0163P00025	CLIP (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)		
51 0121P00087	PANEL, CONTROL		
61 0121P00073	SCREEN, DISCHARGE (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)		
71 0261P00003	DOOR ASSY -AMANA- (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)		
81 0261P00011	FRONT ASSY (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)		
91 0161P00035	FILTER, RACK (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)		
101 C6476001	BAYONET FUSE HOLDER (M1, M2, M3, M4, M5)		
101 C6476002	BAYONET FUSE HOLDER (M6, M7, M8, M9, M10, M11, M12, M13)		
101 C6476003	BAYONET FUSE HOLDER (M14, M15, M16, M17)		
121 0130M00097	RELAY		
121 C8873917	RELAY (HYDRONIC) (M1, M2)		
121 C8873932	RELAY (POWER VENT) (M9, M13)		
141 0259P00009	HARNESS, HYDR HT PTC (M1, M2)		
191 0130M00151	TRANSFORMER 277V to 24V, 40VA (M1, M2, M9, M13)		
261 0130P00104	ANTENNA (DIGITENNA) (M1, M5, M7, M10, M12, M17)		
291 B1337701	PADDLE SWITCH (M9, M13)		
NS A3410402	FUSE 15A (M1, M2, M3, M4, M5)		
NS A3410403	FUSE 20A (M6, M7, M8, M9, M10, M11, M12, M13)		
NS A3410404	FUSE 25A (M14, M15, M16, M17)		

Expanded Model Nomenclature

M1 - PTC124G00HRXXAB
M2 - PTC124G00HXXXAB
M3 - PTC124G25AXXXAB
M4 - PTC124G25CXXXAB
M5 - PTC124G25RXXXAB
M6 - PTC124G35AXXXAB
M7 - PTC124G35CRXXAB
M8 - PTC124G35CXXXAB
M9 - PTC124G35DXXXAB
M10 - PTC124G35QRXXAB
M11 - PTC124G35QXXXAB
M12 - PTC124G35RXXXAB
M13 - PTC124G35VXXXAB
M14 - PTC124G50AXXXAB
M15 - PTC124G50CXXXAB
M16 - PTC124G50QXXXAB
M17 - PTC124G50RXXXAB

Condenser Fan / Partition Assembly



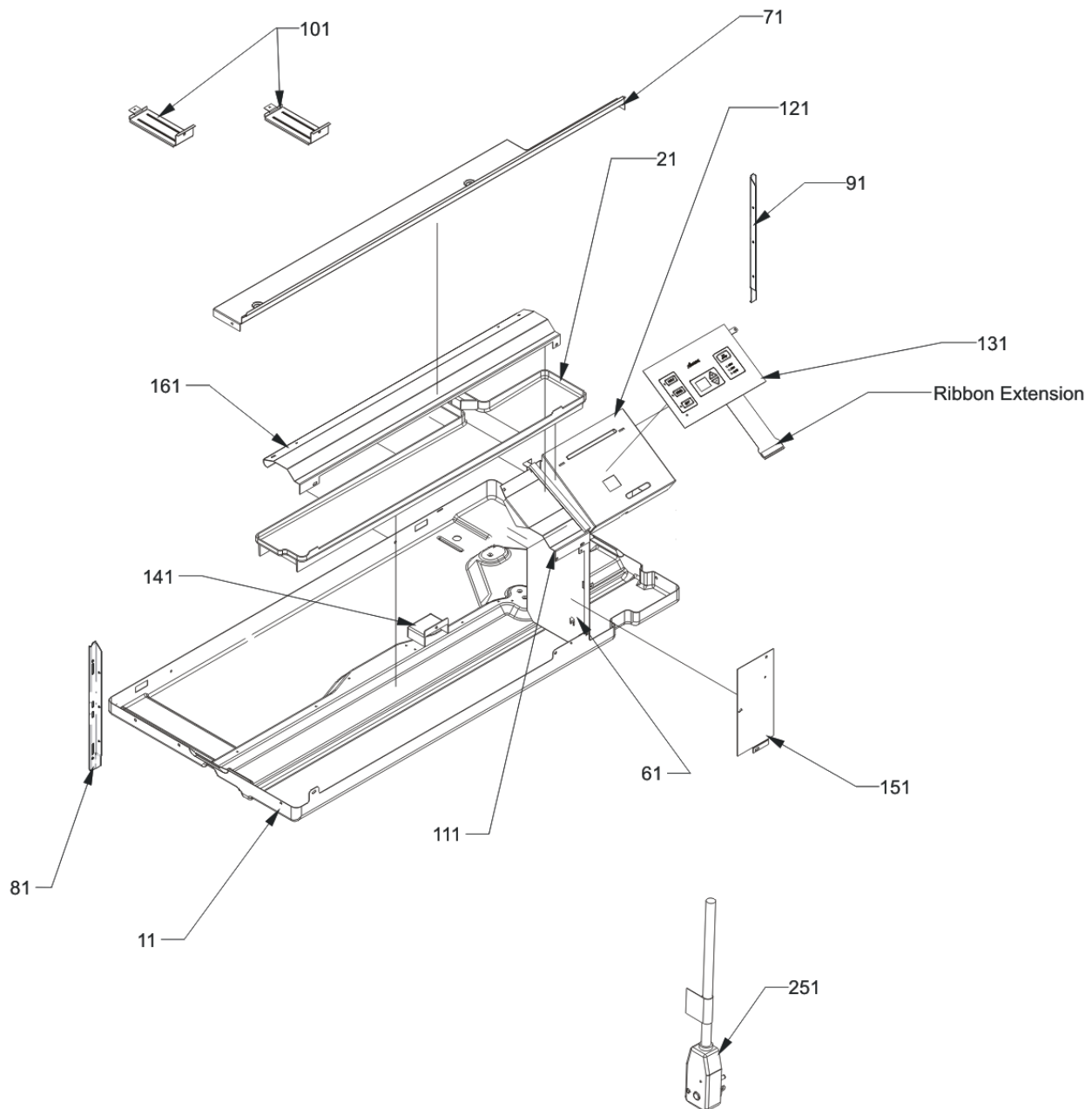
Condenser Fan / Partition Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0161P00026		SHROUD, CONDENSER
21	0131P00034		FAN MOTOR, OUTDOOR
31	0121P00093		PANEL-PARTITION (M10, M11, M16)
31	0121P00108DG		PANEL-PARTITION (M1, M2, M3, M4, M5, M6, M7, M8, M9, M12, M13, M14, M15, M17)
41	0161P00030		FAN, CONDENSER
51	C6300502		CAPACITOR STRAP
61	CAP020300450CS		CAPACITOR 2/30/450V/DUAL RD
71	B1160701		TERMINAL BOARD (M9, M13)
81	0130P00098		THERMISTOR - OUTDOOR AMBIENT (M1, M5, M7, M10, M12, M17)
91	11046302		LEVER ARM (M1, M2, M3, M4, M5, M6, M7, M8, M12, M14, M15, M17)
101	0163P00019		CABLE (M1, M2, M3, M4, M5, M6, M7, M8, M12, M14, M15, M17)
111	11046105PDG		VENT DOOR (M1, M2, M3, M4, M5, M6, M7, M8, M9, M12, M13, M14, M15, M17)
121	0121P00079		BRACKET, VENT DOOR (M9, M13)
131	0121P00080		BRACKET, POWER VENT (M9, M13)
131	0121P00072DG		BRACKET, VENT DOOR-C (M1, M2, M3, M4, M5, M6, M7, M8, M12, M14, M15, M17)
141	11166401		EXTENSION SPRING (M9, M13)
151	CAP010000500RP		CAPACITOR (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
151	CAP015000500RP		CAPACITOR (M1, M2, M14, M15, M16, M17)
161	0163P00029		CAPACITOR CLAMP
181	11191703		PARTITION PANEL BRACKET (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)
191	11172801		POWER VENT MOTOR (M9, M13)
201	11166201		POWER VENT COVER BRACKET (M9, M13)
211	11166101		POWER VENT MOTOR BRACKET (M9, M13)
NS	11149201		MUFFIN FAN (M13)

Expanded Model Nomenclature

M1 - PTC124G00HRXXAB
M2 - PTC124G00HXXXAB
M3 - PTC124G25AXXXAB
M4 - PTC124G25CXXXAB
M5 - PTC124G25RXXXAB
M6 - PTC124G35AXXXAB
M7 - PTC124G35CRXXAB
M8 - PTC124G35CXXXAB
M9 - PTC124G35DXXXAB
M10 - PTC124G35QRXXAB
M11 - PTC124G35QXXXAB
M12 - PTC124G35RXXXAB
M13 - PTC124G35VXXXAB
M14 - PTC124G50AXXXAB
M15 - PTC124G50CXXXAB
M16 - PTC124G50QXXXAB
M17 - PTC124G50RXXXAB

Partition Assembly



Partition Assembly

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

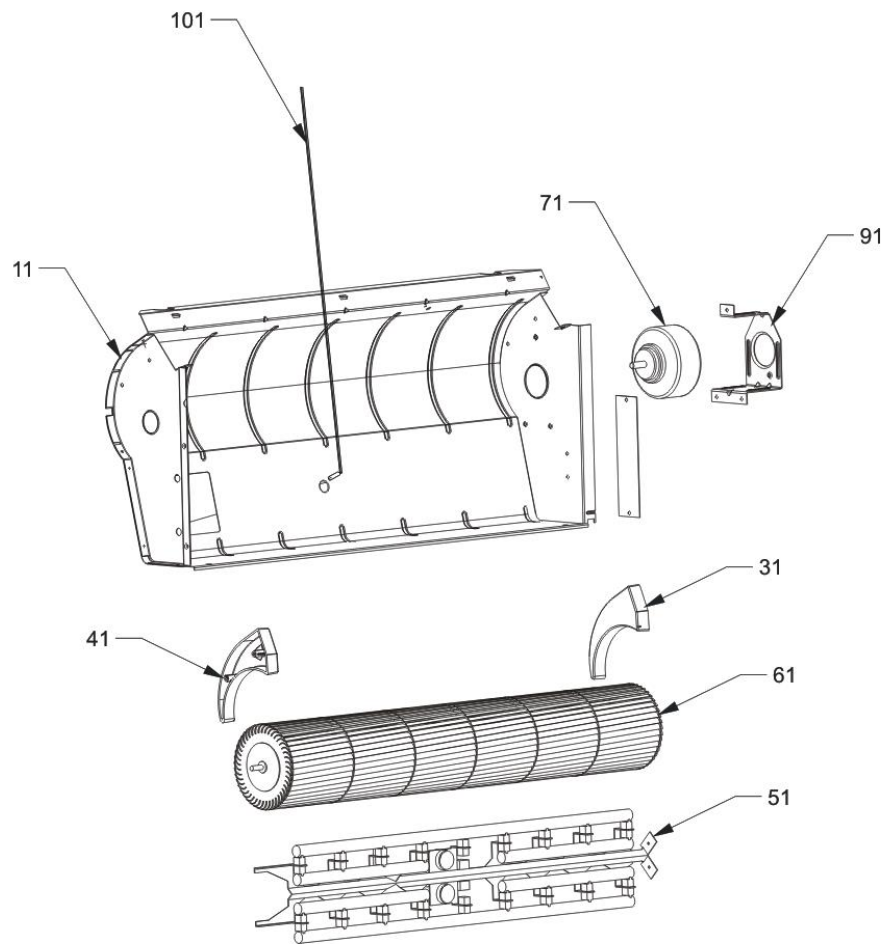
Image 1:

11	0121P00133BR	BASEPAN (M4, M7, M8, M15)
11	0121P00133DG	BASEPAN (M1, M2, M3, M5, M6, M9, M10, M11, M12, M13, M14, M16, M17)
21	0161P00044	PLASTIC-DRAIN PAN
61	20403301	MID PARTITION PANEL
71	0121P00063DG	TOP, PARTITION PANEL
81	20416201	SEAL-L SIDE PTC
91	20416101	SEAL-R SIDE PTC
101	0121P00071DG	BRACE, TIE (QTY 2)
111	0121P00070DG	COVER, MOTOR
121	0121P00129	COVER-CONTROL PANEL
131	0130P00054	MEMBRANE (CONTROL)
141	0161P00016	PLASTIC-HOOD
151	20410801	ACCESS COVER
161	0121P00061DG	CUTOFF-SCROLL DG
NS	RSKP0005	CONTROL PANEL COVER AND MEMBRANE

Expanded Model Nomenclature

M1 - PTC124G00HRXXAB
M2 - PTC124G00HXXXAB
M3 - PTC124G25AXXXAB
M4 - PTC124G25CXXXAB
M5 - PTC124G25RXXXAB
M6 - PTC124G35AXXXAB
M7 - PTC124G35CRXXAB
M8 - PTC124G35CXXXAB
M9 - PTC124G35DXXXAB
M10 - PTC124G35QRXXAB
M11 - PTC124G35QXXXAB
M12 - PTC124G35RXXXAB
M13 - PTC124G35VXXXAB
M14 - PTC124G50AXXXAB
M15 - PTC124G50CXXXAB
M16 - PTC124G50QXXXAB
M17 - PTC124G50RXXXAB

Evaporator Blower / Heater Assembly



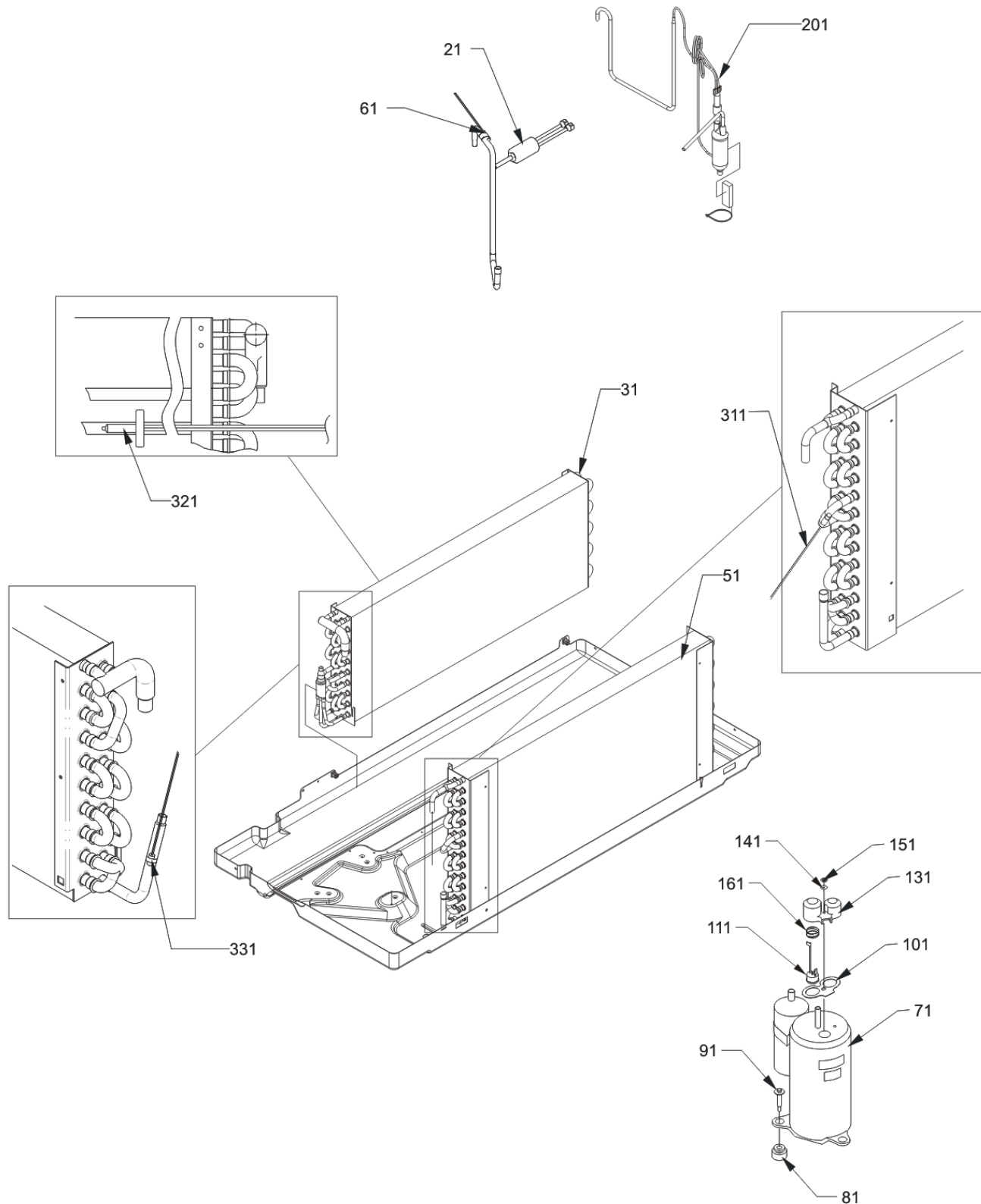
Evaporator Blower / Heater Assembly

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	0275P00023		HEATER ASSY (M3, M4, M5)
51	0275P00040		HEATER ASSY (M6, M7, M8, M9, M10, M11, M12, M13)
51	0275P00041		HEATER ASSY (M14, M15, M16, M17)
61	0150P00004		WHEEL, BLOWER
71	0131P00037		FAN MOTOR, INDOOR (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
71	0131P00038		FAN MOTOR, INDOOR (M1, M2, M14, M15, M16, M17)
91	0121P00048		BRACKET-MOTOR MOUNT
101	0130P00075		THERMISTOR - DISCHARGE
NS	0163P00027		BEARING

Expanded Model Nomenclature

M1 - PTC124G00HRXXAB
M2 - PTC124G00HXXXAB
M3 - PTC124G25AXXXAB
M4 - PTC124G25CXXXAB
M5 - PTC124G25RXXXAB
M6 - PTC124G35AXXXAB
M7 - PTC124G35CRXXAB
M8 - PTC124G35CXXXAB
M9 - PTC124G35DXXXAB
M10 - PTC124G35QRXXAB
M11 - PTC124G35QXXXAB
M12 - PTC124G35RXXXAB
M13 - PTC124G35VXXXAB
M14 - PTC124G50AXXXAB
M15 - PTC124G50CXXXAB
M16 - PTC124G50QXXXAB
M17 - PTC124G50RXXXAB

Coil / Compressor / Tubing Assembly



Coil / Compressor / Tubing Assembly

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

Image 1:

21	0130M00132	CUT-OUT SWITCH, HIGH PRESSURE
31	0202P00067	EVAP ASSY, 3/8, 2 ROW
51	0201P00094	5 MM CONDENSER COIL ASSY (M1, M2, M3, M5, M6, M9, M10, M11, M12, M13, M14, M16, M17)
51	0202P00072DG	CONDENSER ASSY PNT (M4, M7, M8, M15)
61	0130P00077	THERMISTOR - INDOOR (M1, M5, M7, M10, M12, M17)
71	44A287A	COMPRESSOR, RECHI
81	60130203	GROMMET - RECHI COMPRESSOR (QTY 3)
91	0163M00079	SCREW, SHOULDER (QTY 3)
101	60100103	TERMINAL GASKET
111	60343539	OVERLOAD PROTECTOR
131	60100314	TERMINAL COVER - RECHI COMP
141	60100201	WASHER - RECHI COMPRESSOR
151	60100401	TERMINAL NUT - RECHI COMP
161	60500101	OLP SPRING - RECHI COMPRESSOR
201	0210P00211	CAPILLARY WELDMENT
311	0130P00094	THERMISTOR (M1, M5, M7, M10, M12, M17)
321	0130P00073	THERMISTOR
331	0130P00084	THERMISTOR - INDOOR COIL

Expanded Model Nomenclature

M1 - PTC124G00HRXXAB
 M2 - PTC124G00HXXXAB
 M3 - PTC124G25AXXXAB
 M4 - PTC124G25CXXXAB
 M5 - PTC124G25RXXXAB
 M6 - PTC124G35AXXXAB
 M7 - PTC124G35CRXXAB
 M8 - PTC124G35CXXXAB
 M9 - PTC124G35DXXXAB
 M10 - PTC124G35QRXXAB
 M11 - PTC124G35QXXXAB
 M12 - PTC124G35RXXXAB
 M13 - PTC124G35VXXXAB
 M14 - PTC124G50AXXXAB
 M15 - PTC124G50CXXXAB
 M16 - PTC124G50QXXXAB
 M17 - PTC124G50RXXXAB