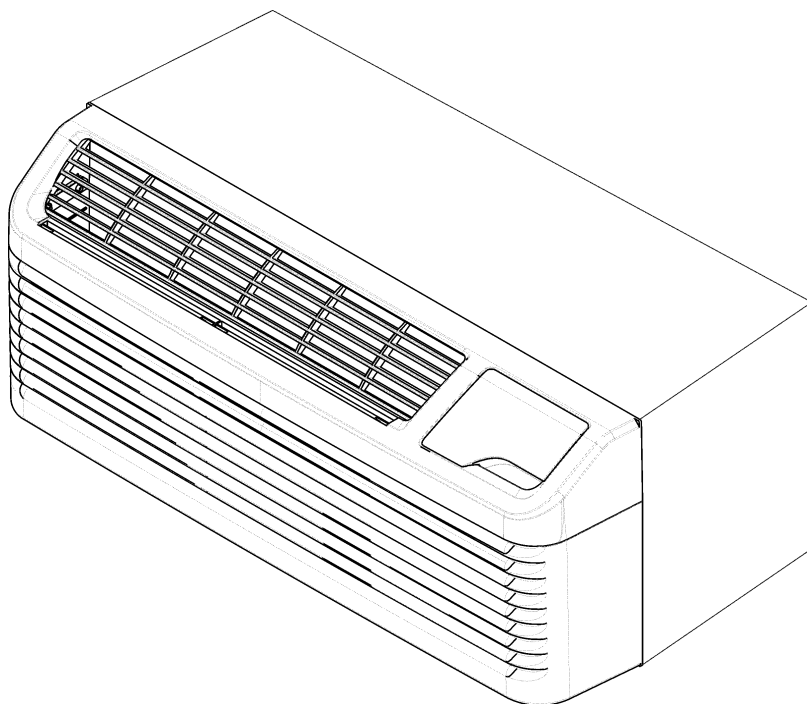


PTC124G Package Terminal Air Conditioner

PTC124G00HRXXAA
PTC124G00HXXXAA
PTC124G15AXXXAA
PTC124G25AXXXAA
PTC124G25CXXXAA
PTC124G25QRXXAA
PTC124G25RXXXAA
PTC124G35AXXXAA
PTC124G35CQXXAB
PTC124G35CXXXAA
PTC124G35DXXXAA
PTC124G35QRXXAA
PTC124G35QXXXAA
PTC124G35RXXXAA
PTC124G50AXXXAA
PTC124G50CXXXAA
PTC124G50RXXXAA



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This manual is to be used by qualified technicians only.

This manual replaces RP-695E.

Important Information

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Views shown are for parts illustrations only, not servicing procedures

Rev. E: 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 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

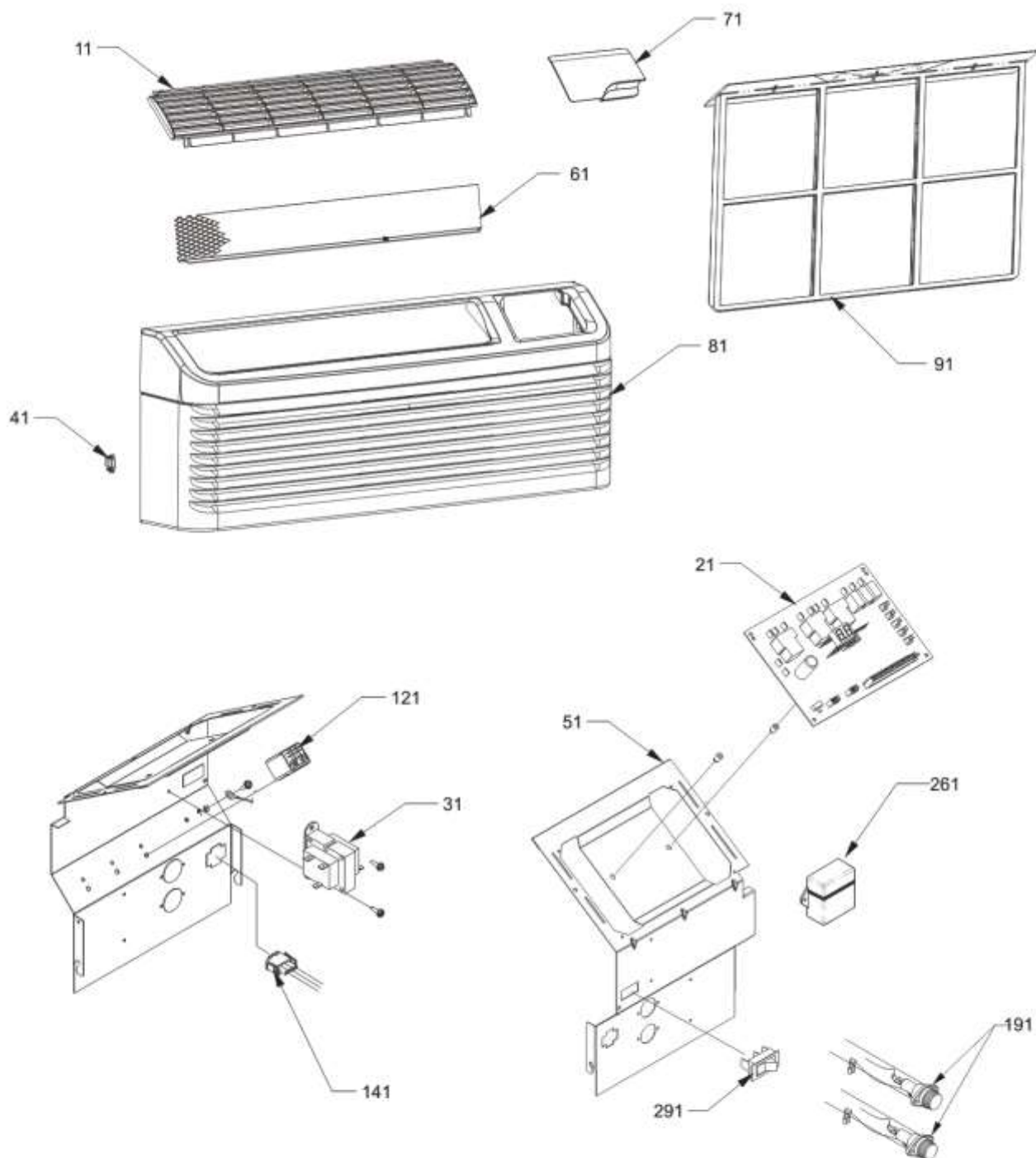
No: Description:

CAP015000500RP	CAPACITOR (M1, M2, M15, M16, M17)
CAP010000500RP	CAPACITOR (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14)
CAP020300450CS	CAPACITOR 2/30/450V/DUAL RD
44A287A	COMPRESSOR, RECHI
RSKP0010	CONTROL BOARD M61
0130M00132	CUT-OUT SWITCH, HIGH PRESSURE
0131P00038	FAN MOTOR, INDOOR (M1, M2, M15, M16, M17)
0131P00037	FAN MOTOR, INDOOR (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14)
0131P00028	FAN MOTOR, OUTDOOR (M1, M2, M3, M4, M5, M6, M7, M8, M10, M11, M12, M13, M14, M15, M16, M17)
0131P00034	FAN MOTOR, OUTDOOR (M9)
0161P00030	FAN, CONDENSER
A3410402	FUSE 15A (M1, M2, M3, M4, M5, M6, M7)
A3410403	FUSE 20A (M8, M9, M10, M11, M12, M13, M14)
A3410404	FUSE 25A (M15, M16, M17)
0275P00040	HEATER ASSY (M8, M9, M10, M11, M12, M13, M14)
0275P00023	HEATER ASSY (M4, M5, M6, M7)
0275P00026	HEATER ASSY (M3)
0275P00041	HEATER ASSY (M15, M16, M17)
60343539	OVERLOAD PROTECTOR
11172801	POWER VENT MOTOR (M11)
0130M00097	RELAY
C8873917	RELAY (HYDRONIC) (M1, M2)
C8873932	RELAY (POWER VENT) (M11)
B1160701	TERMINAL BOARD (M11)
0130P00073	THERMISTOR
0130P00094	THERMISTOR (M1, M6, M7, M12, M14, M17)
0130P00075	THERMISTOR - DISCHARGE
0130P00077	THERMISTOR - INDOOR (M1, M6, M7, M12, M14, M17)
0130P00084	THERMISTOR - INDOOR COIL
0130P00098	THERMISTOR - OUTDOOR AMBIENT (M1, M6, M7, M12, M14, 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, M11)
0150P00004	WHEEL, BLOWER

Expanded Model Nomenclature

M1 - PTC124G00HRXXAA
M2 - PTC124G00HXXXAA
M3 - PTC124G15AXXXAA
M4 - PTC124G25AXXXAA
M5 - PTC124G25CXXXAA
M6 - PTC124G25QRXXAA
M7 - PTC124G25RXXAA
M8 - PTC124G35AXXXAA
M9 - PTC124G35CQXXAB
M10 - PTC124G35CXXXAA
M11 - PTC124G35DXXXAA
M12 - PTC124G35QRXXAA
M13 - PTC124G35QXXXAA
M14 - PTC124G35RXXXAA
M15 - PTC124G50AXXXAA
M16 - PTC124G50CXXXAA
M17 - PTC124G50RXXXAA

Control Panel / Front Assembly



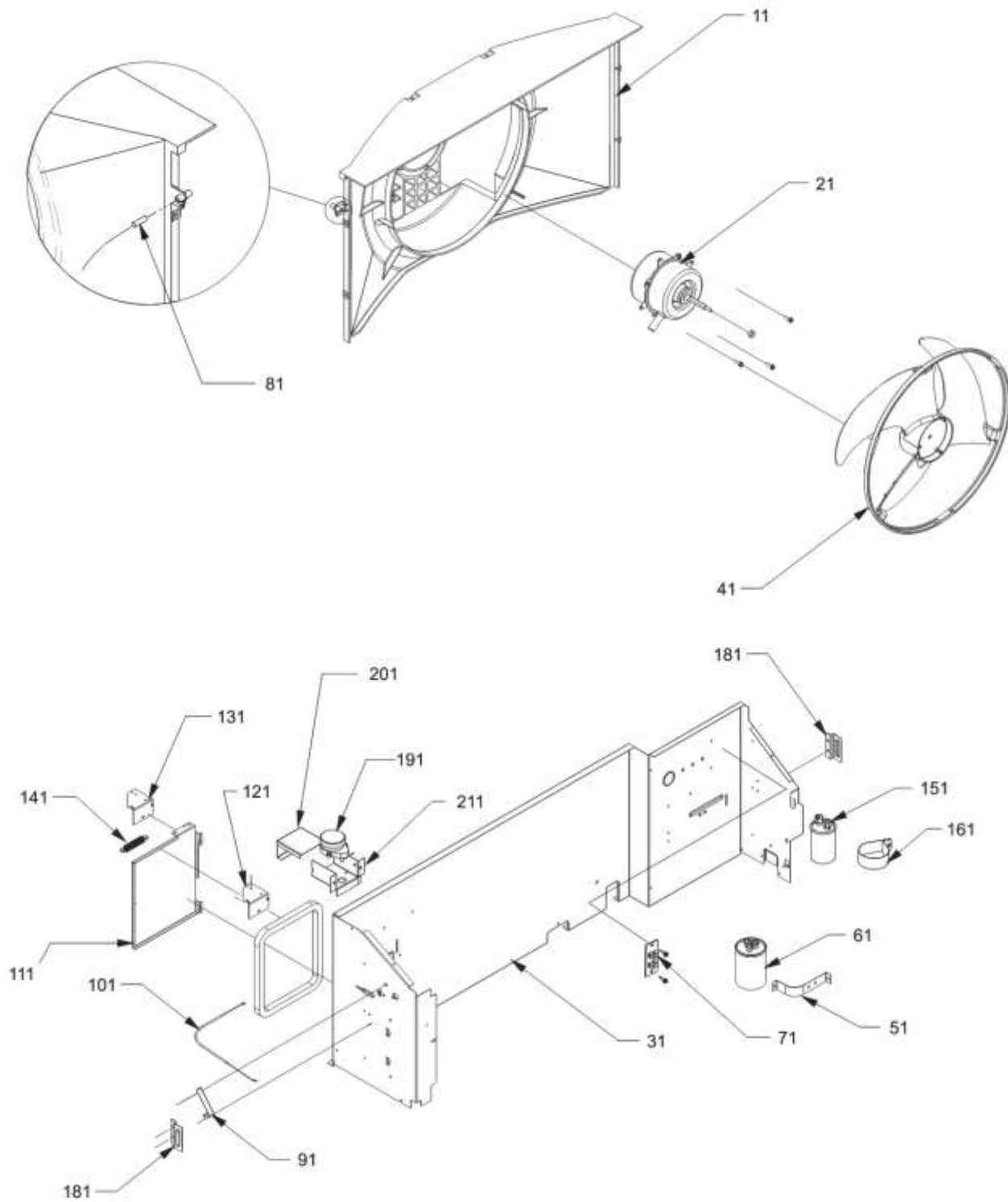
Control Panel / Front Assembly

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)		
31 0130M00151	TRANSFORMER 277V to 24V, 40VA (M1, M2, M11)		
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)		
121 0130M00097	RELAY		
121 C8873917	RELAY (HYDRONIC) (M1, M2)		
121 C8873932	RELAY (POWER VENT) (M11)		
141 0259P00009	HARNESS, HYDR HT PTC (M1, M2)		
191 C6476001	BAYONET FUSE HOLDER (M1, M2, M3, M4, M5, M6, M7)		
191 C6476002	BAYONET FUSE HOLDER (M8, M9, M10, M11, M12, M13, M14)		
191 C6476003	BAYONET FUSE HOLDER (M15, M16, M17)		
261 0130P00104	ANTENNA (DIGITENNA) (M1, M6, M7, M12, M14, M17)		
291 B1337701	PADDLE SWITCH (M11)		
NS A3410402	FUSE 15A (M1, M2, M3, M4, M5, M6, M7)		
NS A3410403	FUSE 20A (M8, M9, M10, M11, M12, M13, M14)		
NS A3410404	FUSE 25A (M15, M16, M17)		

Expanded Model Nomenclature

M1 - PTC124G00HRXXAA
M2 - PTC124G00HXXXAA
M3 - PTC124G15AXXXAA
M4 - PTC124G25AXXXAA
M5 - PTC124G25CXXXAA
M6 - PTC124G25QRXXAA
M7 - PTC124G25RXXXAA
M8 - PTC124G35AXXXAA
M9 - PTC124G35CQXXAB
M10 - PTC124G35CXXXAA
M11 - PTC124G35DXXXAA
M12 - PTC124G35QRXXAA
M13 - PTC124G35QXXXAA
M14 - PTC124G35RXXXAA
M15 - PTC124G50AXXXAA
M16 - PTC124G50CXXXAA
M17 - PTC124G50RXXXAA

Condenser Fan / Partition Assembly



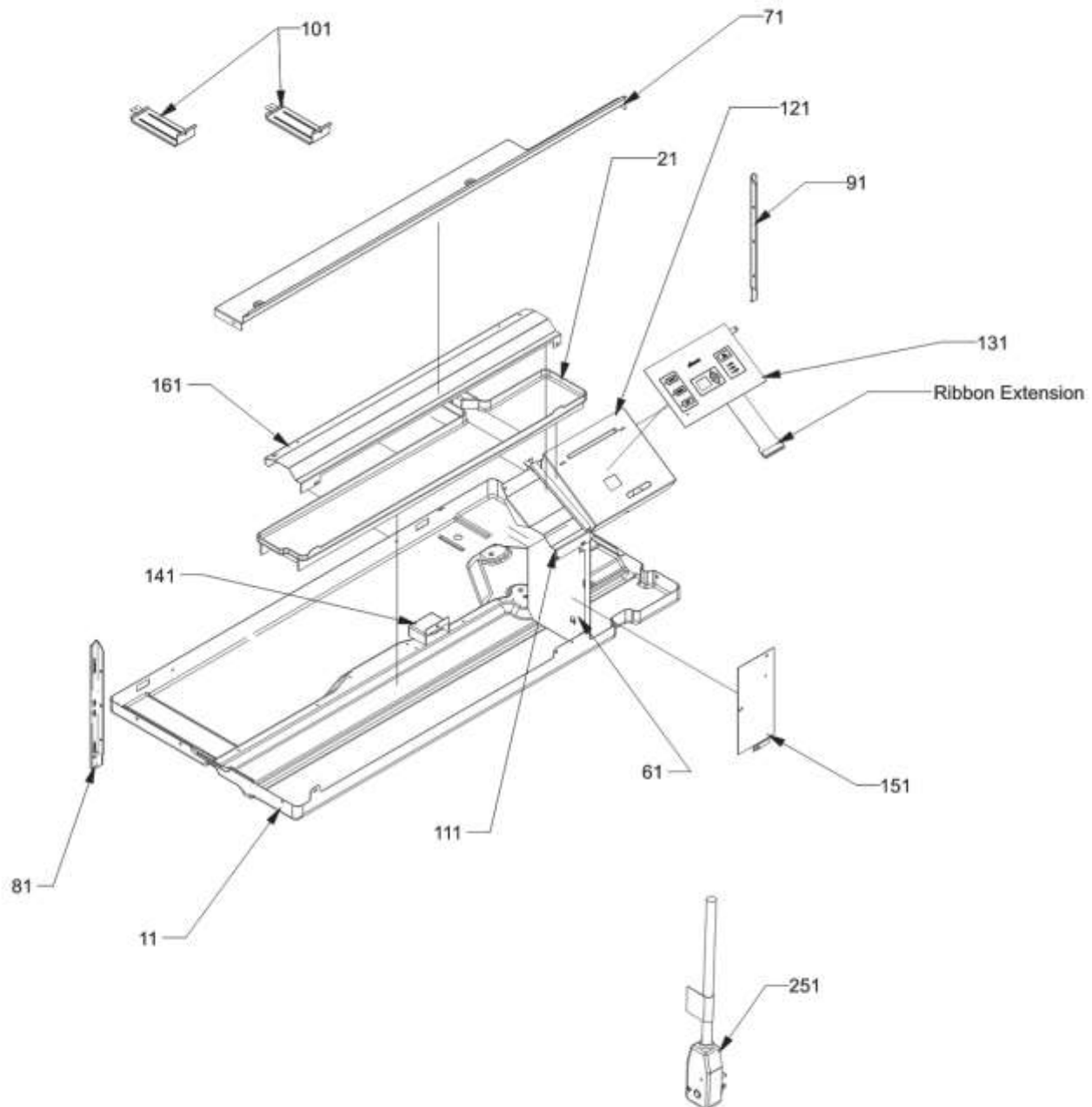
Condenser Fan / Partition Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0161P00026		SHROUD, CONDENSER
21	0131P00028		FAN MOTOR, OUTDOOR (M1, M2, M3, M4, M5, M6, M7, M8, M10, M11, M12, M13, M14, M15, M16, M17)
21	0131P00034		FAN MOTOR, OUTDOOR (M9)
31	0121P00093DG		PANEL-PARTITION (M6, M9, M12, M13)
31	0121P00108DG		PANEL-PARTITION (M1, M2, M3, M4, M5, M7, M8, M10, M11, M14, M15, M16, M17)
41	0161P00030		FAN, CONDENSER
51	C6300502		CAPACITOR STRAP
61	CAP020300450CS		CAPACITOR 2/30/450V/DUAL RD
71	B1160701		TERMINAL BOARD (M11)
81	0130P00094		THERMISTOR (M1, M6, M7, M12, M14, M17)
91	11046302		LEVER ARM (M1, M2, M3, M4, M5, M7, M8, M10, M14, M15, M16, M17)
111	11046105		VENT DOOR (M1, M2, M3, M4, M5, M7, M8, M10, M11, M14, M15, M16, M17)
111	11046105PDG		VENT DOOR (M1, M2, M3, M4, M5, M7, M8, M10, M11, M14, M15, M16, M17)
121	0121P00079		BRACKET, VENT DOOR (M11)
131	0121P00080		BRACKET, POWER VENT (M11)
131	0121P00072DG		BRACKET, VENT DOOR-C (M1, M2, M3, M4, M5, M7, M8, M10, M14, M15, M16, M17)
141	11166401		EXTENSION SPRING (M11)
151	CAP010000500RP		CAPACITOR (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14)
151	CAP015000500RP		CAPACITOR (M1, M2, 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	0270P00997		POWER DOOR ASSY (M11)
191	11172801		POWER VENT MOTOR (M11)
201	11166201		POWER VENT COVER BRACKET (M11)
211	11166101		POWER VENT MOTOR BRACKET (M11)

Expanded Model Nomenclature

M1 - PTC124G00HRXXAA
M2 - PTC124G00HXXXAA
M3 - PTC124G15AXXXAA
M4 - PTC124G25AXXXAA
M5 - PTC124G25CXXXAA
M6 - PTC124G25QRXXAA
M7 - PTC124G25RXXXAA
M8 - PTC124G35AXXXAA
M9 - PTC124G35CQXXAB
M10 - PTC124G35CXXXAA
M11 - PTC124G35DXXXAA
M12 - PTC124G35QRXXAA
M13 - PTC124G35QXXXAA
M14 - PTC124G35RXXXAA
M15 - PTC124G50AXXXAA
M16 - PTC124G50CXXXAA
M17 - PTC124G50RXXXAA

Partition Assembly



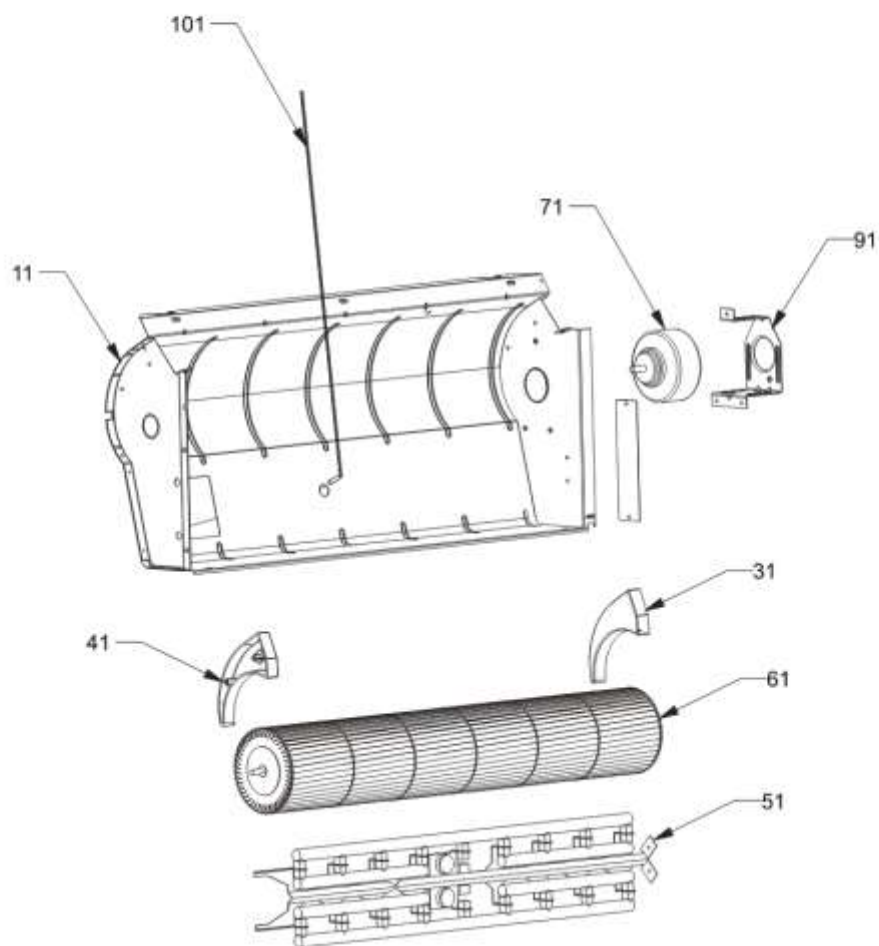
Partition Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0121P00133BR		BASEPAN (M5, M9, M10, M16)
11	0121P00133DG		BASEPAN (M1, M2, M3, M4, M6, M7, M8, M11, M12, M13, M14, M15, 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
251	11114701		CORD 277 VAC, 20A (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14)
251	11114801		CORD 277 VAC, 30A (M15, M16, M17)
NS	RSKP0005		CONTROL PANEL COVER AND MEMBRANE

Expanded Model Nomenclature

M1 - PTC124G00HRXXAA
M2 - PTC124G00HXXXAA
M3 - PTC124G15AXXXAA
M4 - PTC124G25AXXXAA
M5 - PTC124G25CXXXAA
M6 - PTC124G25QRXXAA
M7 - PTC124G25RXXXAA
M8 - PTC124G35AXXXAA
M9 - PTC124G35CQXXAB
M10 - PTC124G35CXXXAA
M11 - PTC124G35DXXXAA
M12 - PTC124G35QRXXAA
M13 - PTC124G35QXXXAA
M14 - PTC124G35RXXXAA
M15 - PTC124G50AXXXAA
M16 - PTC124G50CXXXAA
M17 - PTC124G50RXXXAA

Evaporator Blower / Heater Assembly



Evaporator Blower / Heater Assembly

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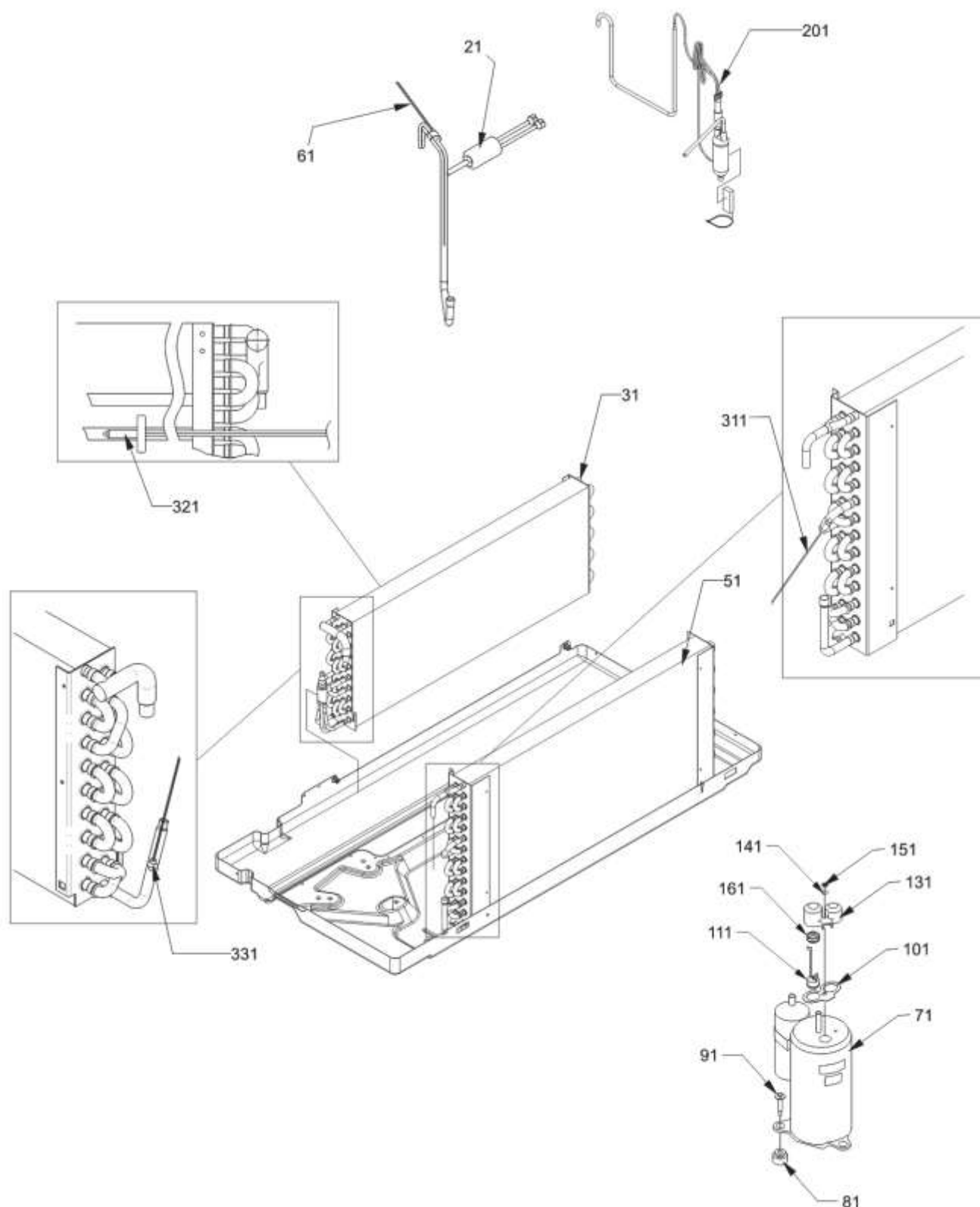
Image 1:

11	0270P01070	SCROLL ASSY
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00023	HEATER ASSY (M4, M5, M6, M7)
51	0275P00026	HEATER ASSY (M3)
51	0275P00040	HEATER ASSY (M8, M9, M10, M11, M12, M13, M14)
51	0275P00041	HEATER ASSY (M15, M16, M17)
61	0150P00004	WHEEL, BLOWER
71	0131P00037	FAN MOTOR, INDOOR (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14)
71	0131P00038	FAN MOTOR, INDOOR (M1, M2, M15, M16, M17)
91	0121P00048	BRACKET-MOTOR MOUNT
101	0130P00075	THERMISTOR - DISCHARGE
NS	0163P00027	BEARING

Expanded Model Nomenclature

M1 - PTC124G00HRXXAA
M2 - PTC124G00HXXXAA
M3 - PTC124G15AXXXAA
M4 - PTC124G25AXXXAA
M5 - PTC124G25CXXXAA
M6 - PTC124G25QRXXAA
M7 - PTC124G25RXXXAA
M8 - PTC124G35AXXXAA
M9 - PTC124G35CQXXAB
M10 - PTC124G35CXXXAA
M11 - PTC124G35DXXXAA
M12 - PTC124G35QRXXAA
M13 - PTC124G35QXXXAA
M14 - PTC124G35RXXXAA
M15 - PTC124G50AXXXAA
M16 - PTC124G50CXXXAA
M17 - PTC124G50RXXXAA

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, M4, M6, M7, M8, M11, M12, M13, M14, M15, M17)
51	0202P00072DG		CONDENSER ASSY PNT (M5, M9, M10, M16)
61	0130P00077		THERMISTOR - INDOOR (M1, M6, M7, M12, M14, 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	0130P00098		THERMISTOR - OUTDOOR AMBIENT (M1, M6, M7, M12, M14, M17)
321	0130P00073		THERMISTOR
331	0130P00084		THERMISTOR - INDOOR COIL
NS	BT1392310		PLASTIC CLAMP, .1875 DIA (M11)

Expanded Model Nomenclature

M1 - PTC124G00HRXXAA
M2 - PTC124G00HXXXAA
M3 - PTC124G15AXXXAA
M4 - PTC124G25AXXXAA
M5 - PTC124G25CXXXAA
M6 - PTC124G25QRXXAA
M7 - PTC124G25RXXXAA
M8 - PTC124G35AXXXAA
M9 - PTC124G35CQXXAB
M10 - PTC124G35CXXXAA
M11 - PTC124G35DXXXAA
M12 - PTC124G35QRXXAA
M13 - PTC124G35QXXXAA
M14 - PTC124G35RXXXAA
M15 - PTC124G50AXXXAA
M16 - PTC124G50CXXXAA
M17 - PTC124G50RXXXAA