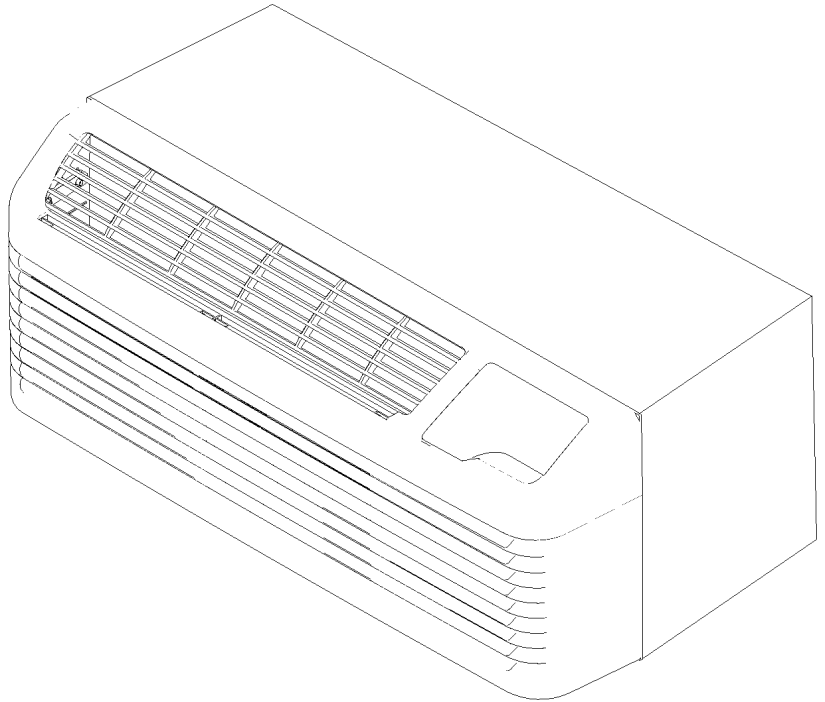


REPAIR PARTS

PTC154G Package Terminal Air Conditioner

PTC154G00AXXXAA
PTC154G00HRXXAA
PTC154G00HXXAA
PTC154G25AXXXAA
PTC154G25CXXAA
PTC154G25RXXAA
PTC154G25VXXAA
PTC154G35AXXXAA
PTC154G35CXXAA
PTC154G35QRXXAA
PTC154G35QXXAA
PTC154G35RXXAA
PTC154G50AXXXAA
PTC154G50CXXAA
PTC154G50DXXAA
PTC154G50RXXAA



This manual is to be used by qualified technicians only.

This manual replaces RP-697D.

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Important Information

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Functional Parts List	3
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Views shown are for parts illustrations only, not servicing procedures

Rev. E: Removed Power Door Assy from ASAP 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:

CAP020250450CS	CAPACITOR 2/25/450V/DUAL RD
50A367Q	COMPRESSOR, RECHI
RSKP0010	CONTROL BOARD M61
RSPK0005	CONTROL PANEL COVER AND MEMBRANE
11114701	CORD 277 VAC, 20A (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12)
11114801	CORD 277 VAC, 30A (M13, M14, M15, M16)
0130M00132	CUT-OUT SWITCH, HIGH PRESSURE
0131P00038	FAN MOTOR, INDOOR
0131P00026	FAN MOTOR, OUTDOOR
0275P00023	HEATER ASSY (M4, M5, M6, M7)
0275P00041	HEATER ASSY (M13, M14, M15, M16)
0275P00040	HEATER ASSY (M8, M9, M10, M11, M12)
60343525	OVERLOAD PROTECTOR
0161P00016	PLASTIC-HOOD
0130M00097	RELAY
C8873917	RELAY (HYDRONIC) (M2, M3)
C8873932	RELAY (POWER VENT) (M7, M15)
B1160701	TERMINAL BOARD (M7, M15)
0130P00094	THERMISTOR (M2, M6, M10, M12, M16)
0130P00073	THERMISTOR
0130P00075	THERMISTOR - DISCHARGE
0130P00077	THERMISTOR - INDOOR (M2, M6, M10, M12, M16)
0130P00084	THERMISTOR - INDOOR COIL
0130P00098	THERMISTOR - OUTDOOR AMBIENT (M2, M6, M10, M12, M16)
0130M00152	TRANSFORMER (M1, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)
0130M00151	TRANSFORMER 277V to 24V, 40VA (M2, M3, M7, M15)
0150P00004	WHEEL, BLOWER

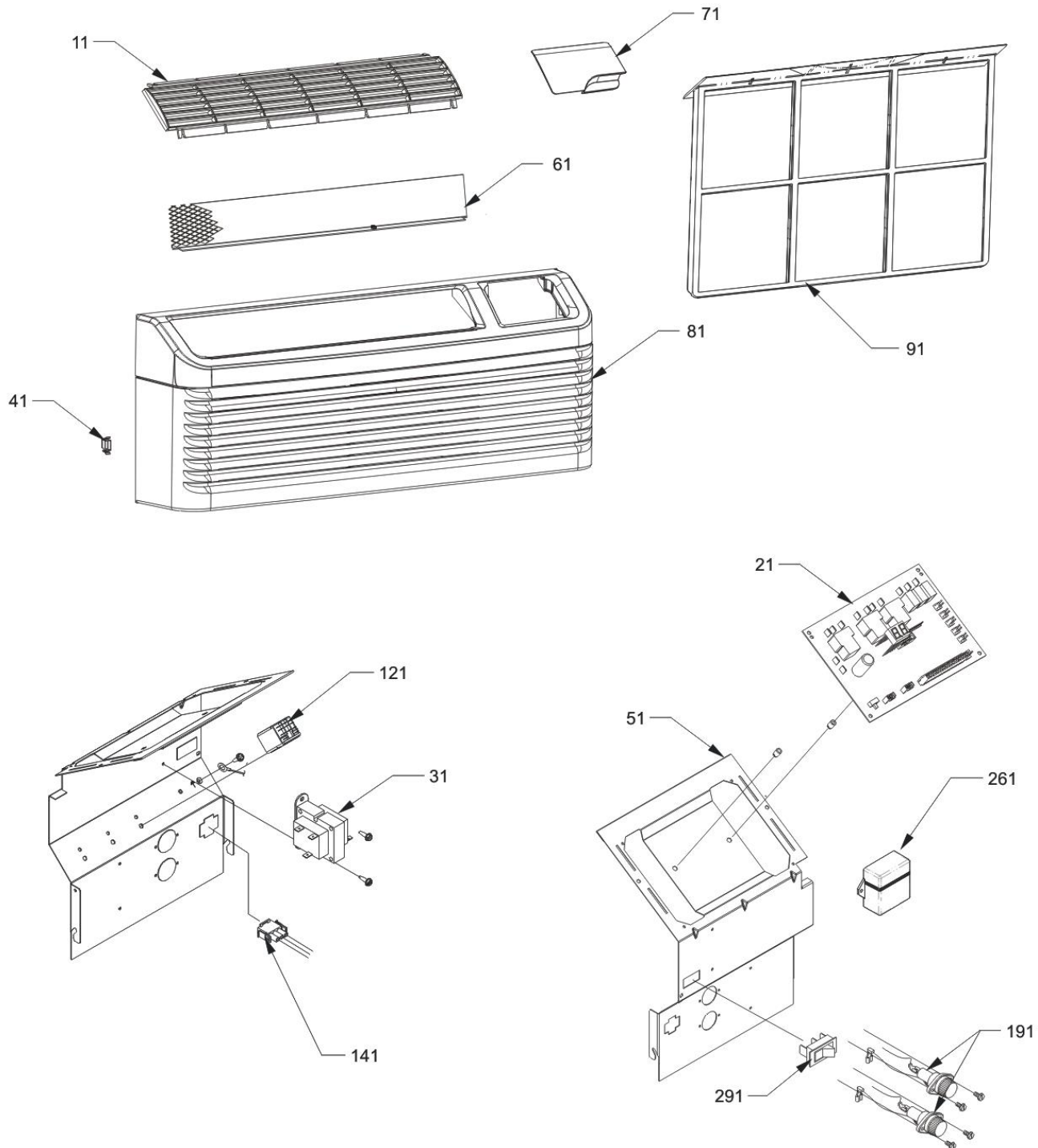
Expanded Model Nomenclature

M1 - PTC154G00AXXXAA
M2 - PTC154G00HRXXAA
M3 - PTC154G00HXXAA
M4 - PTC154G25AXXXAA
M5 - PTC154G25CXXAA
M6 - PTC154G25RXXAA
M7 - PTC154G25VXXAA
M8 - PTC154G35AXXXAA
M9 - PTC154G35CXXAA
M10 - PTC154G35QRXXAA
M11 - PTC154G35QXXAA
M12 - PTC154G35RXXAA
M13 - PTC154G50AXXXAA
M14 - PTC154G50CXXAA
M15 - PTC154G50DXXAA
M16 - PTC154G50RXXAA

SPECIAL PARTS

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

Control Panel / Front Assembly



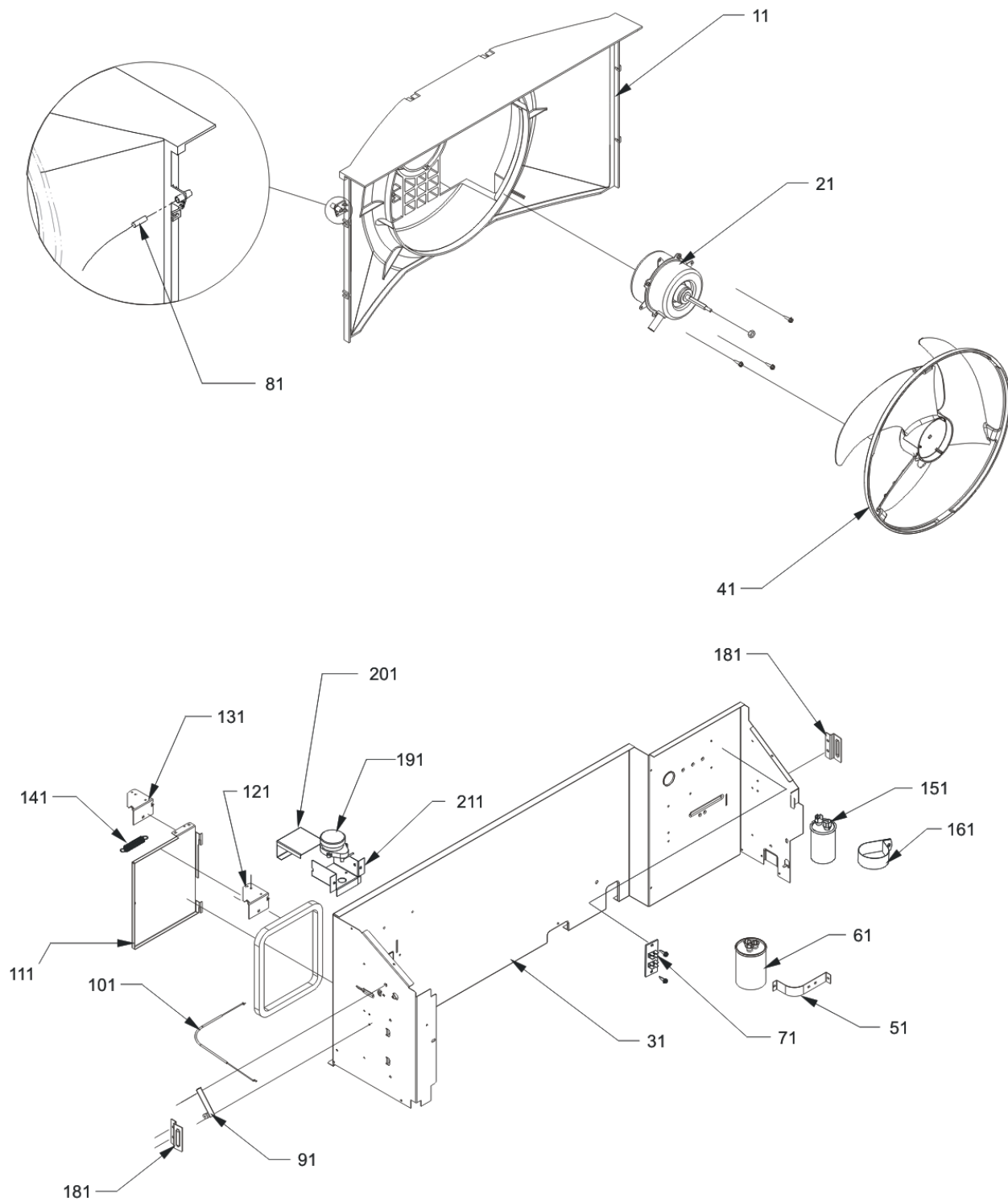
Control Panel / Front Assembly

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

Expanded Model Nomenclature

M1 - PTC154G00AXXXAA
M2 - PTC154G00HRXXAA
M3 - PTC154G00HXXAA
M4 - PTC154G25AXXXAA
M5 - PTC154G25CXXAA
M6 - PTC154G25RXXAA
M7 - PTC154G25VXXAA
M8 - PTC154G35AXXXAA
M9 - PTC154G35CXXAA
M10 - PTC154G35QRXXAA
M11 - PTC154G35QXXAA
M12 - PTC154G35RXXAA
M13 - PTC154G50AXXXAA
M14 - PTC154G50CXXAA
M15 - PTC154G50DXXAA
M16 - PTC154G50RXXAA

Condenser Fan / Partition Assembly



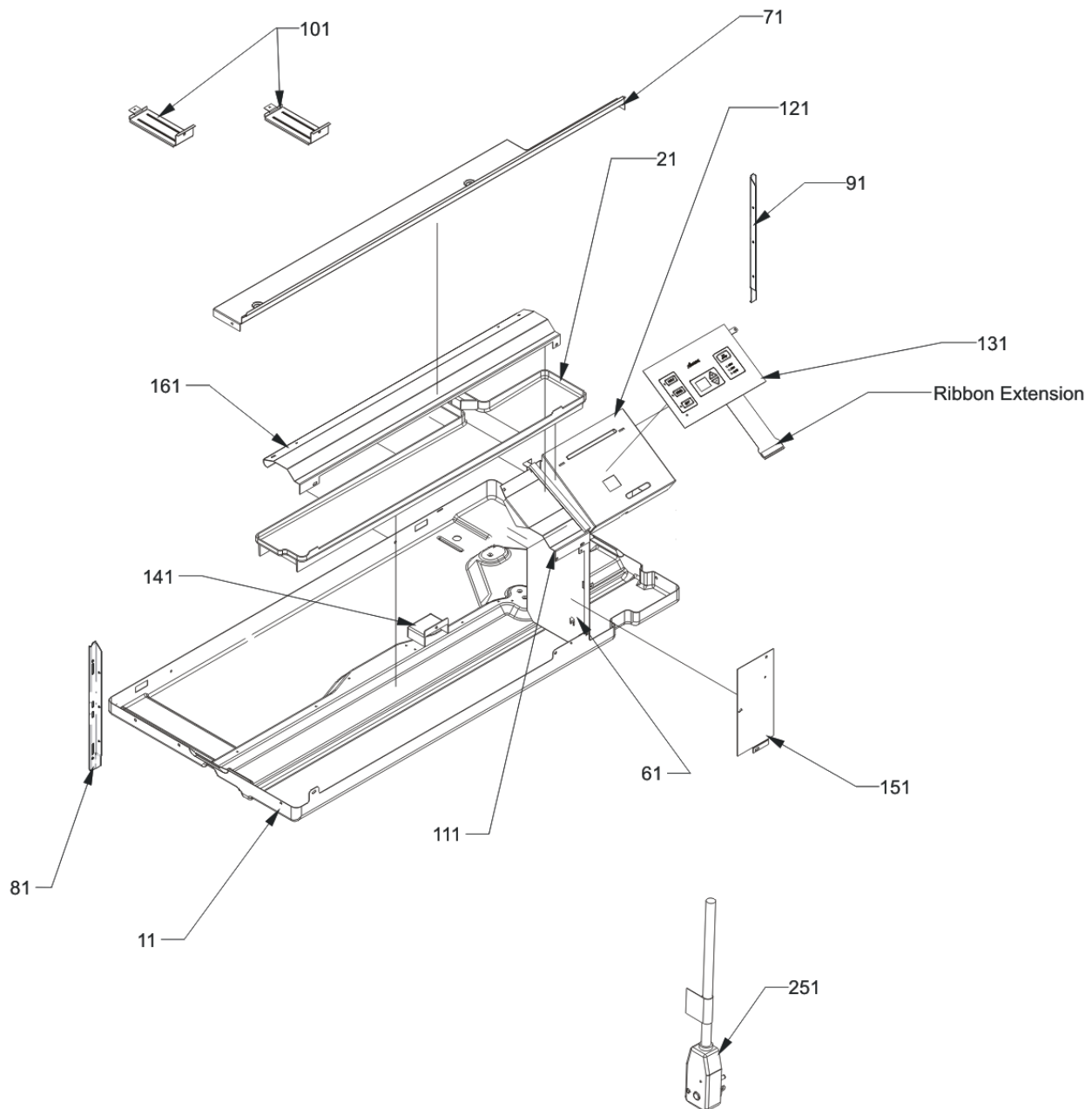
Condenser Fan / Partition Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0161P00026		SHROUD, CONDENSER
21	0131P00026		FAN MOTOR, OUTDOOR
31	0121P00093		PANEL-PARTITION (M10, M11)
31	0121P00108DG		PANEL-PARTITION (M1, M2, M3, M4, M5, M6, M7, M8, M9, M12, M13, M14, M15, M16)
41	0161P00030		FAN, CONDENSER
51	C6300502		CAPACITOR STRAP
61	CAP020250450CS		CAPACITOR 2/25/450V/DUAL RD
71	B1160701		TERMINAL BOARD (M7, M15)
81	0130P00098		THERMISTOR - OUTDOOR AMBIENT (M2, M6, M10, M12, M16)
91	11046302		LEVER ARM (M1, M2, M3, M4, M5, M6, M8, M9, M12, M13, M14, M16)
101	0163P00019		CABLE (M1, M2, M3, M4, M5, M6, M8, M9, M12, M13, M14, M16)
111	11046105PDG		VENT DOOR (M1, M2, M3, M4, M5, M6, M7, M8, M9, M12, M13, M14, M15, M16)
121	0121P00079		BRACKET, VENT DOOR (M7, M15)
131	0121P00080		BRACKET, POWER VENT (M7, M15)
131	0121P00072DG		BRACKET, VENT DOOR-C (M1, M2, M3, M4, M5, M6, M8, M9, M12, M13, M14, M16)
141	11166401		EXTENSION SPRING (M7, M15)
151	CAP015000500RP		CAPACITOR
161	0163P00029		CAPACITOR CLAMP
181	11191703		PARTITION PANEL BRACKET (M1, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)
191	11172801		POWER VENT MOTOR (M7, M15)
201	11166201		POWER VENT COVER BRACKET (M7, M15)
211	11166101		POWER VENT MOTOR BRACKET (M7, M15)
NS	11149201		MUFFIN FAN (M7)

Expanded Model Nomenclature

M1 - PTC154G00AXXXAA
M2 - PTC154G00HRXXAA
M3 - PTC154G00HXXAA
M4 - PTC154G25AXXXAA
M5 - PTC154G25CXXAA
M6 - PTC154G25RXXAA
M7 - PTC154G25VXXAA
M8 - PTC154G35AXXXAA
M9 - PTC154G35CXXAA
M10 - PTC154G35QRXXAA
M11 - PTC154G35QXXAA
M12 - PTC154G35RXXAA
M13 - PTC154G50AXXXAA
M14 - PTC154G50CXXAA
M15 - PTC154G50DXXAA
M16 - PTC154G50RXXAA

Partition Assembly



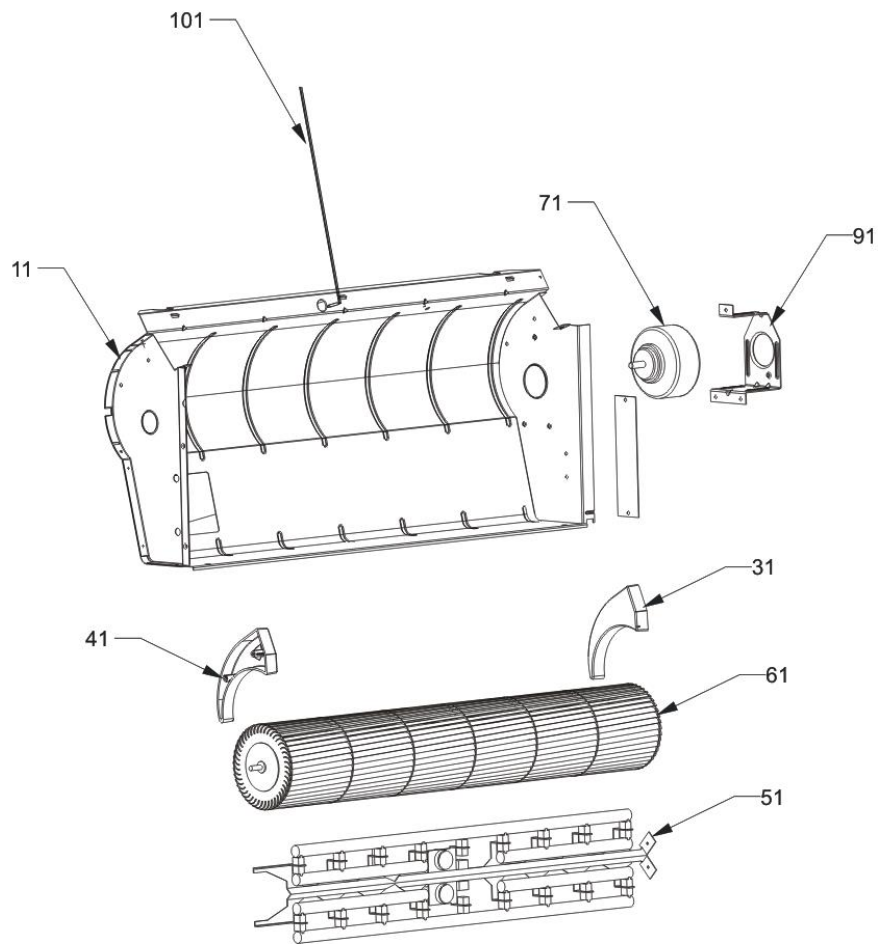
Partition Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0121P00133BR		BASEPAN (M5, M9, M14)
11	0121P00133DG		BASEPAN (M1, M2, M3, M4, M6, M7, M8, M10, M11, M12, M13, M15, M16)
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)
251	11114801		CORD 277 VAC, 30A (M13, M14, M15, M16)
NS	RSPK0005		CONTROL PANEL COVER AND MEMBRANE

Expanded Model Nomenclature

M1 - PTC154G00AXXXAA
M2 - PTC154G00HRXXAA
M3 - PTC154G00HXXAA
M4 - PTC154G25AXXXAA
M5 - PTC154G25CXXAA
M6 - PTC154G25RXXAA
M7 - PTC154G25VXXAA
M8 - PTC154G35AXXXAA
M9 - PTC154G35CXXAA
M10 - PTC154G35QRXXAA
M11 - PTC154G35QXXAA
M12 - PTC154G35RXXAA
M13 - PTC154G50AXXXAA
M14 - PTC154G50CXXAA
M15 - PTC154G50DXXAA
M16 - PTC154G50RXXAA

Evaporator Blower / Heater Assembly



Evaporator Blower / Heater Assembly

Ref. Part

No: No: Description:

Ref. Part

No: No: Description:

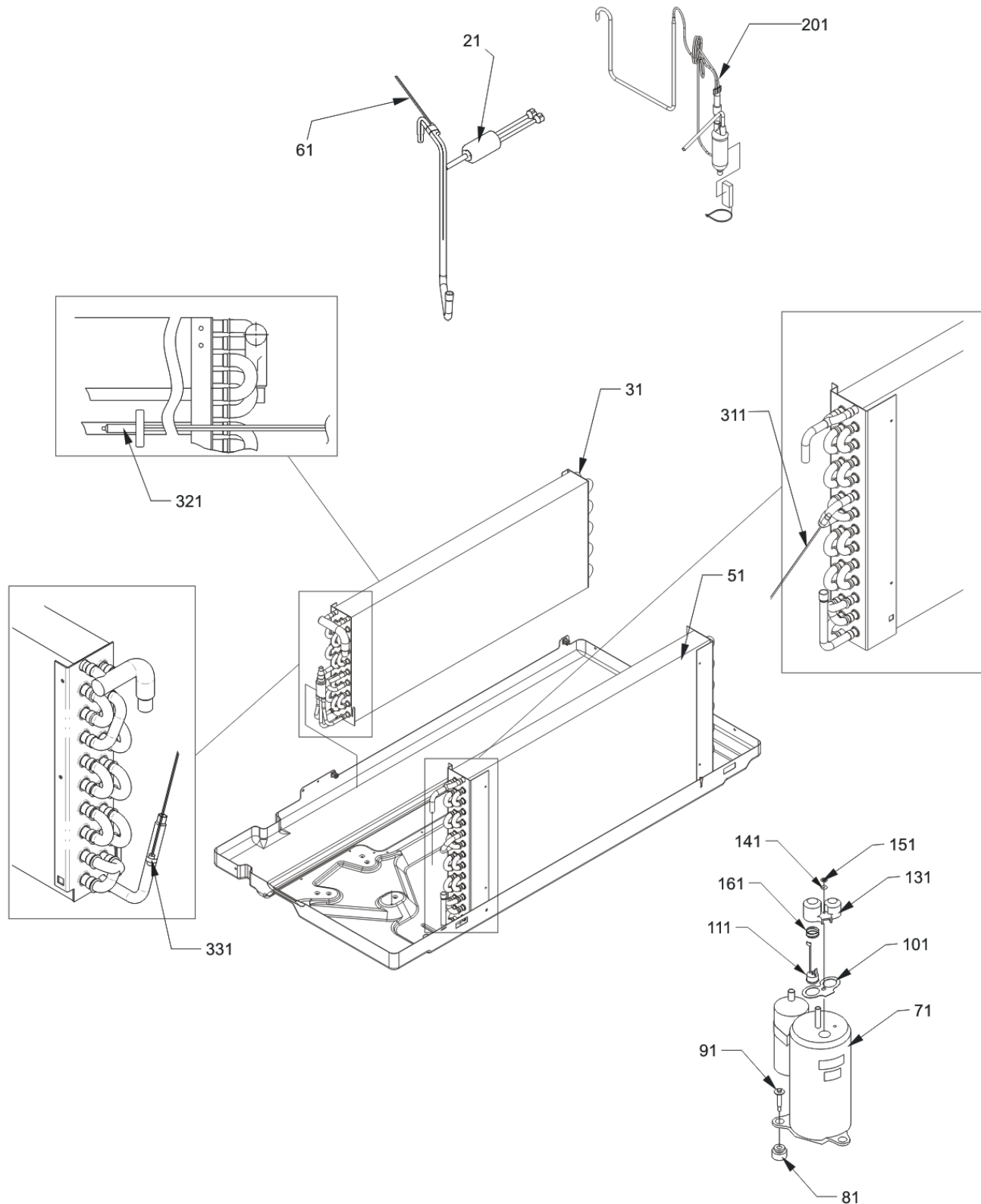
Image 1:

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

Expanded Model Nomenclature

M1 - PTC154G00AXXXAA
M2 - PTC154G00HRXXAA
M3 - PTC154G00HXXAA
M4 - PTC154G25AXXXAA
M5 - PTC154G25CXXAA
M6 - PTC154G25RXXAA
M7 - PTC154G25VXXAA
M8 - PTC154G35AXXXAA
M9 - PTC154G35CXXAA
M10 - PTC154G35QRXXAA
M11 - PTC154G35QXXAA
M12 - PTC154G35RXXAA
M13 - PTC154G50AXXXAA
M14 - PTC154G50CXXAA
M15 - PTC154G50DXXAA
M16 - PTC154G50RXXAA

Coil / Compressor / Tubing Assembly



Coil / Compressor / Tubing Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
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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, M10, M11, M12, M13, M15, M16)
51	0202P00072DG	CONDENSER ASSY PNT (M5, M9, M14)
61	0130P00077	THERMISTOR - INDOOR (M2, M6, M10, M12, M16)
71	50A367Q	COMPRESSOR, RECHI
81	60140209	GROMMET - RECHI COMPRESSOR (QTY 3)
91	M0253610	SHOULDER SCREW (QTY 3)
101	60100103	TERMINAL GASKET
111	60343525	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	0210P00214	CAPILLARY WELDMENT
311	0130P00094	THERMISTOR (M2, M6, M10, M12, M16)
321	0130P00073	THERMISTOR
331	0130P00084	THERMISTOR - INDOOR COIL

Expanded Model Nomenclature

M1 - PTC154G00AXXXAA
M2 - PTC154G00HRXXAA
M3 - PTC154G00HXXAA
M4 - PTC154G25AXXXAA
M5 - PTC154G25CXXAA
M6 - PTC154G25RXXAA
M7 - PTC154G25VXXAA
M8 - PTC154G35AXXXAA
M9 - PTC154G35CXXAA
M10 - PTC154G35QRXXAA
M11 - PTC154G35QXXAA
M12 - PTC154G35RXXAA
M13 - PTC154G50AXXXAA
M14 - PTC154G50CXXAA
M15 - PTC154G50DXXAA
M16 - PTC154G50RXXAA