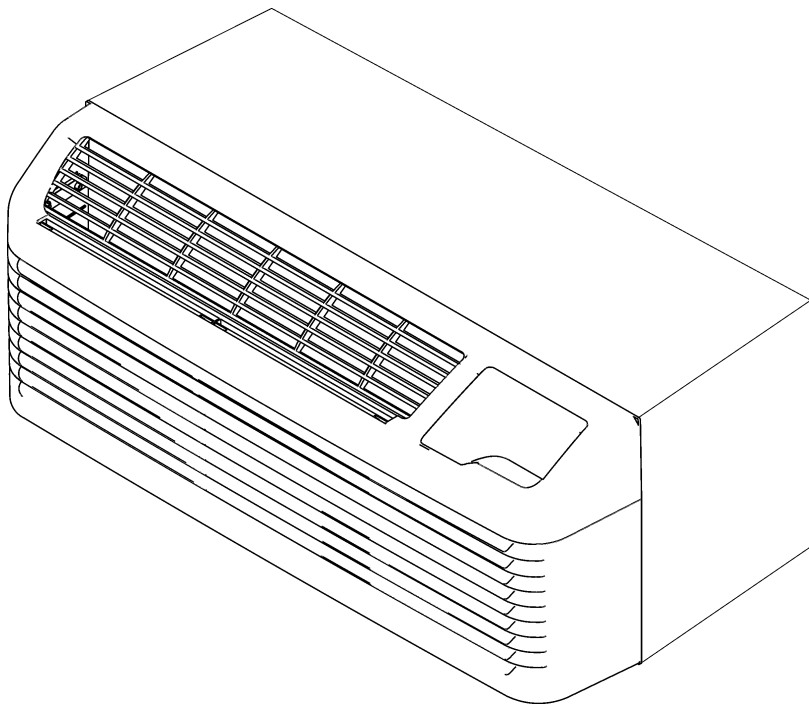


REPAIR PARTS

PTC073G Series R410A PTAC Coolers

PTC073G00AXXXAA
PTC073G00DHXXAA
PTC073G00HRXXAA
PTC073G00HVXXAA
PTC073G00HXXAA
PTC073G00RXXAA
PTC073G15CXXAA
PTC073G25AXXXAA
PTC073G25CXXAA
PTC073G25DXXAA
PTC073G25RXXAA
PTC073G25VXXAA
PTC073G35AXXXAA
PTC073G35CXXAA
PTC073G35QRXXAA
PTC073G35RXXAA



This manual is to be used by qualified technicians only.

This manual replaces RP-690A.

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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

Models with 5mm condenser coils.

Rev B: Remove the 0270P00997 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

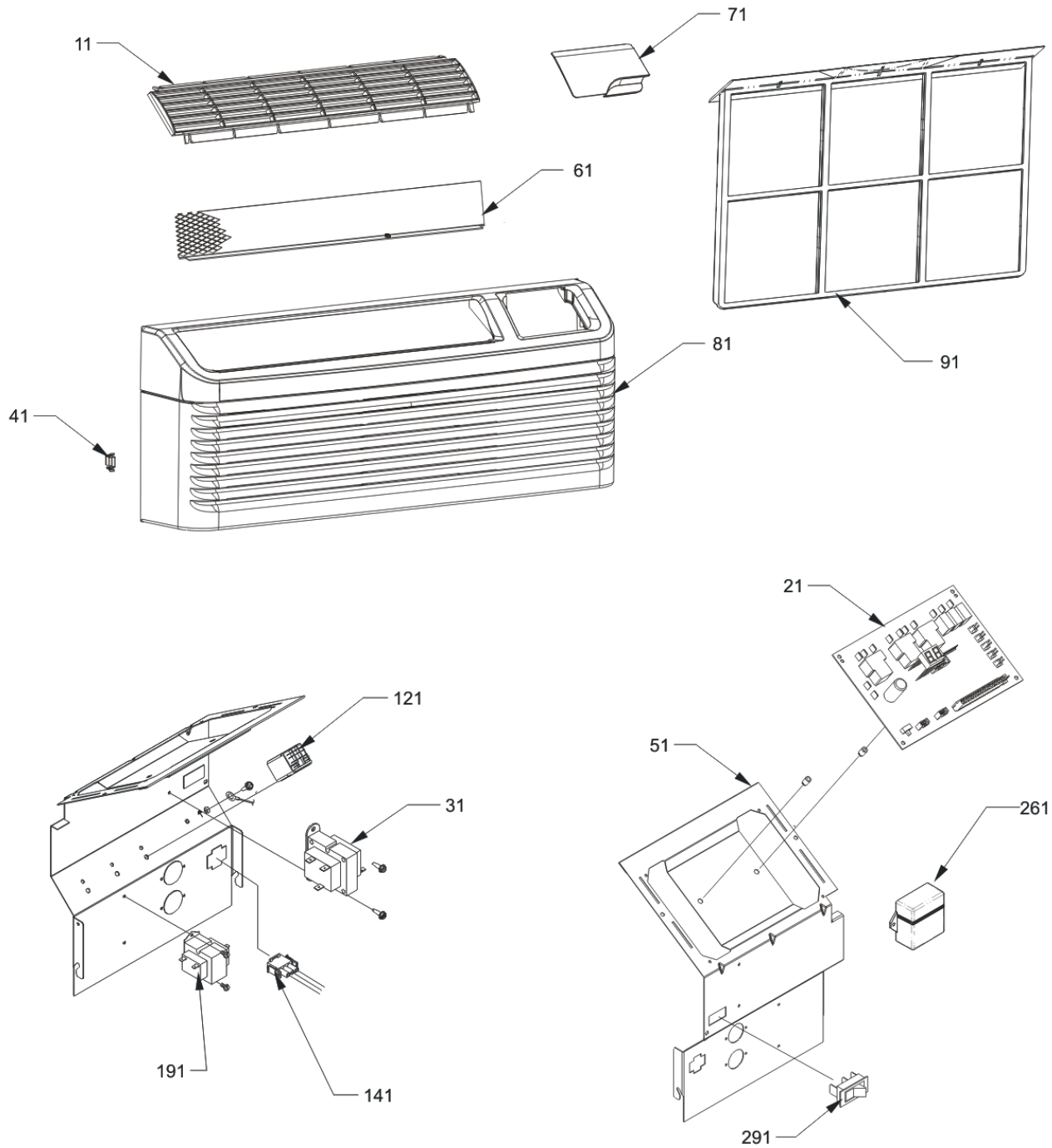
No: Description:

CAP020200450CS	CAPACITOR 2/20/450V/DUAL RD
CAP020000440RP	CAPACITOR 2/440V
39A162A	COMPRESSOR, RECHI
RSKP0010	CONTROL BOARD M61
RSKP0005	CONTROL PANEL COVER AND MEMBRANE
0130P00059	CORD, 250VAC, 15A (LCD) (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12)
0130P00058	CORD, 250VAC, 20A (LCD) (M13, M14, M15, M16)
0130M00132	CUT-OUT SWITCH, HIGH PRESSURE
0131P00035	FAN MOTOR, INDOOR
0131P00027	FAN MOTOR, OUTDOOR
0161P00030	FAN, CONDENSER
0275P00022	HEATER ASSY (M7)
0275P00019	HEATER ASSY (M8, M9, M10, M11, M12)
0275P00038	HEATER ASSY (M13, M14, M15, M16)
11149201	MUFFIN FAN (M4, M12)
11172801	POWER VENT MOTOR (M2, M4, M10, M12)
0130M00096	RELAY
C8873917	RELAY (HYDRONIC) (M2, M3, M4, M5)
C8873932	RELAY (POWER VENT) (M2, M4, M10, M12)
B1160701	TERMINAL BOARD (M2, M4, M10, M12)
0130P00094	THERMISTOR (M3, M6, M11, M15, M16)
0130P00073	THERMISTOR
0130P00075	THERMISTOR - DISCHARGE
0130P00077	THERMISTOR - INDOOR (M3, M6, M11, M15, M16)
0130P00084	THERMISTOR - INDOOR COIL
0130P00098	THERMISTOR - OUTDOOR AMBIENT (M3, M6, M11, M15, M16)
0130M00152	TRANSFORMER (M1, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)
0130M00149	TRANSFORMER 240V/208V TO 24V, 40VA (M2, M3, M4, M5, M10, M12)
0150P00004	WHEEL, BLOWER

Expanded Model Nomenclature

M1 - PTC073G00AXXXAA
M2 - PTC073G00DHXXAA
M3 - PTC073G00HRXXAA
M4 - PTC073G00HVXXAA
M5 - PTC073G00HXXAA
M6 - PTC073G00RXXAA
M7 - PTC073G15CXXAA
M8 - PTC073G25AXXXAA
M9 - PTC073G25CXXAA
M10 - PTC073G25DXXAA
M11 - PTC073G25RXXAA
M12 - PTC073G25VXXAA
M13 - PTC073G35AXXXAA
M14 - PTC073G35CXXAA
M15 - PTC073G35QRXXAA
M16 - PTC073G35RXXAA

Control Panel / Front Assembly



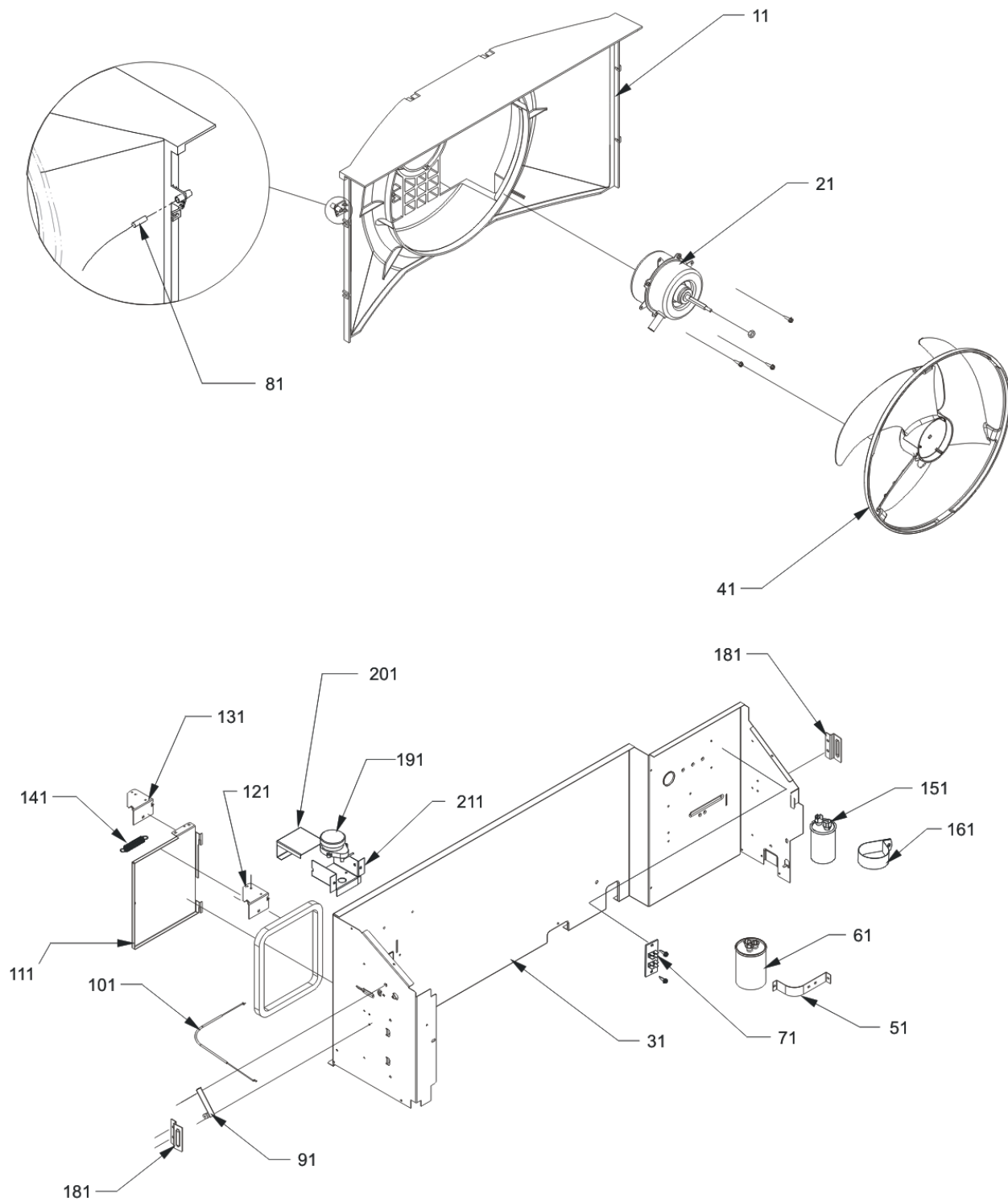
Control Panel / Front Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0161P00033	FRONT-DISCHARGE LOUVERS (M1, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)	
21	RSKP0010	CONTROL BOARD M61	
31	0130M00152	TRANSFORMER (M1, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)	
41	0163P00025	CLIP (M1, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)	
51	0121P00087	PANEL, CONTROL	
61	0121P00073	SCREEN, DISCHARGE (M1, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)	
71	0261P00003	DOOR ASSY -AMANA- (M1, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)	
81	0261P00011	FRONT ASSY (M1, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)	
91	0161P00035	FILTER, RACK (M1, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)	
121	0130M00096	RELAY	
121	C8873917	RELAY (HYDRONIC) (M2, M3, M4, M5)	
121	C8873932	RELAY (POWER VENT) (M2, M4, M10, M12)	
141	0259P00009	HARNESS, HYDR HT PTC (M2, M3, M4, M5)	
191	0130M00149	TRANSFORMER 240V/208V TO 24V, 40VA (M2, M3, M4, M5, M10, M12)	
261	0130P00104	ANTENNA (DIGITENNA) (M3, M6, M11, M15, M16)	
291	B1337701	PADDLE SWITCH (M2, M4, M10, M12)	

Expanded Model Nomenclature

M1 - PTC073G00AXXXAA
M2 - PTC073G00DHXXAA
M3 - PTC073G00HRXXAA
M4 - PTC073G00HVXXAA
M5 - PTC073G00HXXXAA
M6 - PTC073G00RXXXAA
M7 - PTC073G15CXXXAA
M8 - PTC073G25AXXXAA
M9 - PTC073G25CXXXAA
M10 - PTC073G25DXXXAA
M11 - PTC073G25RXXXAA
M12 - PTC073G25VXXXAA
M13 - PTC073G35AXXXAA
M14 - PTC073G35CXXXAA
M15 - PTC073G35QRXXAA
M16 - PTC073G35RXXXAA

Condenser Fan / Partition Assembly



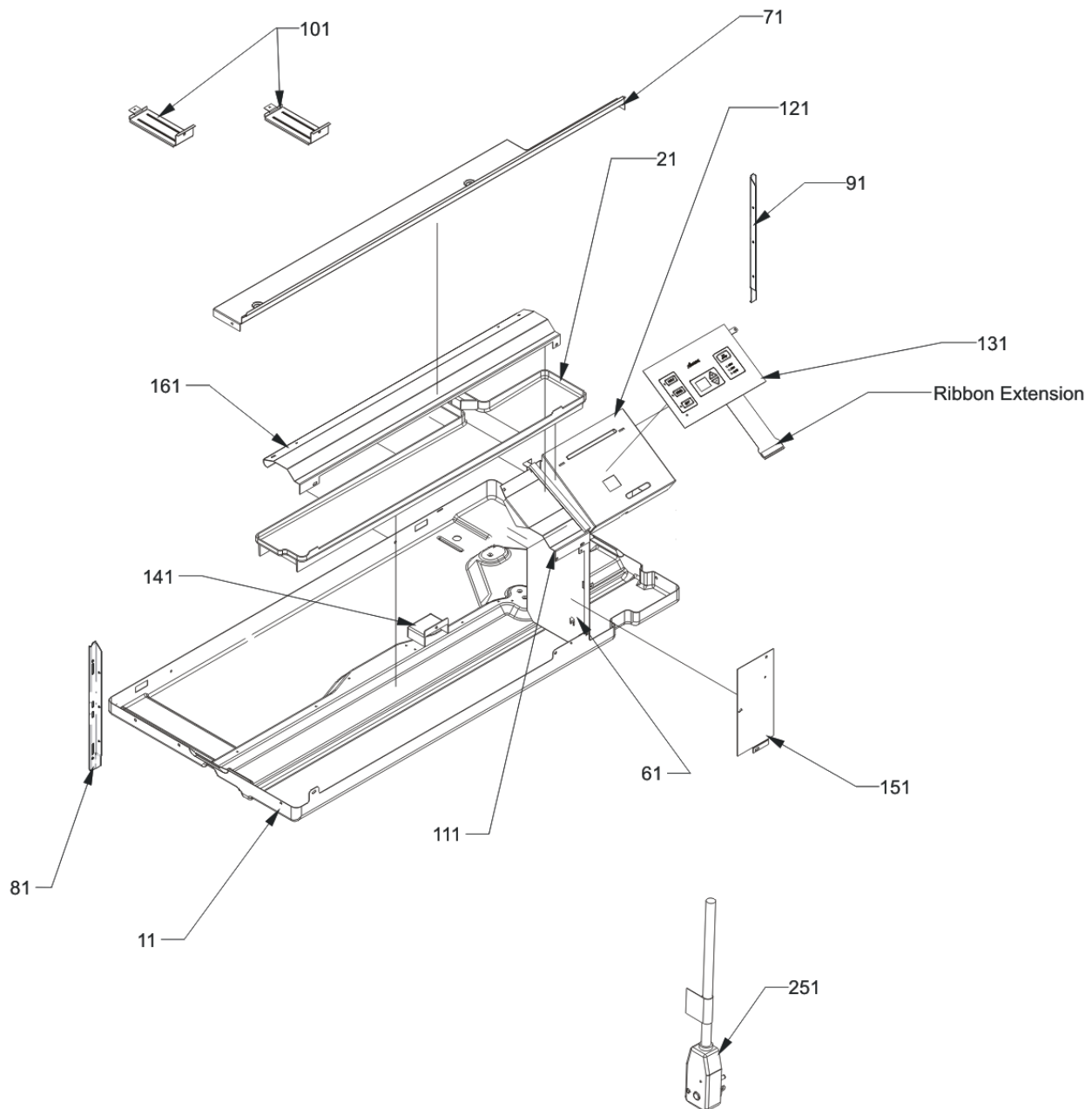
Condenser Fan / Partition Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0161P00026		SHROUD, CONDENSER
21	0131P00027		FAN MOTOR, OUTDOOR
31	0121P00093		PANEL-PARTITION (M15)
31	0121P00108DG		PANEL-PARTITION (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M16)
41	0161P00030		FAN, CONDENSER
51	C6300502		CAPACITOR STRAP
61	CAP020200450CS		CAPACITOR 2/20/450V/DUAL RD
71	B1160701		TERMINAL BOARD (M2, M4, M10, M12)
81	0130P00098		THERMISTOR - OUTDOOR AMBIENT (M3, M6, M11, M15, M16)
91	11046302		LEVER ARM (M1, M3, M5, M6, M7, M8, M9, M11, M13, M14, M16)
101	0163P00019		CABLE (M1, M3, M5, M6, M7, M8, M9, M11, M13, M14, M16)
111	11046105PDG		VENT DOOR
121	0121P00079		BRACKET, VENT DOOR (M2, M4, M10, M12)
131	0121P00080		BRACKET, POWER VENT (M2, M4, M10, M12)
131	0121P00072DG		BRACKET, VENT DOOR-C (M1, M3, M5, M6, M7, M9, M11, M13, M14, M16)
141	11166401		EXTENSION SPRING (M2, M4, M10, M12)
151	CAP020000440RP		CAPACITOR 2/440V
161	0163P00029		CAPACITOR CLAMP
181	11191703		PARTITION PANEL BRACKET (M1, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)
191	11172801		POWER VENT MOTOR (M2, M4, M10, M12)
201	11166201		POWER VENT COVER BRACKET (M2, M4, M10, M12)
211	11166101		POWER VENT MOTOR BRACKET (M2, M4, M10, M12)
NS	11149201		MUFFIN FAN (M4, M12)

Expanded Model Nomenclature

M1 - PTC073G00AXXXAA
M2 - PTC073G00DHXXAA
M3 - PTC073G00HRXXAA
M4 - PTC073G00HVXXAA
M5 - PTC073G00HXXAA
M6 - PTC073G00RXXAA
M7 - PTC073G15CXXAA
M8 - PTC073G25AXXXAA
M9 - PTC073G25CXXAA
M10 - PTC073G25DXXAA
M11 - PTC073G25RXXAA
M12 - PTC073G25VXXAA
M13 - PTC073G35AXXXAA
M14 - PTC073G35CXXAA
M15 - PTC073G35QRXXAA
M16 - PTC073G35RXXAA

Partition Assembly



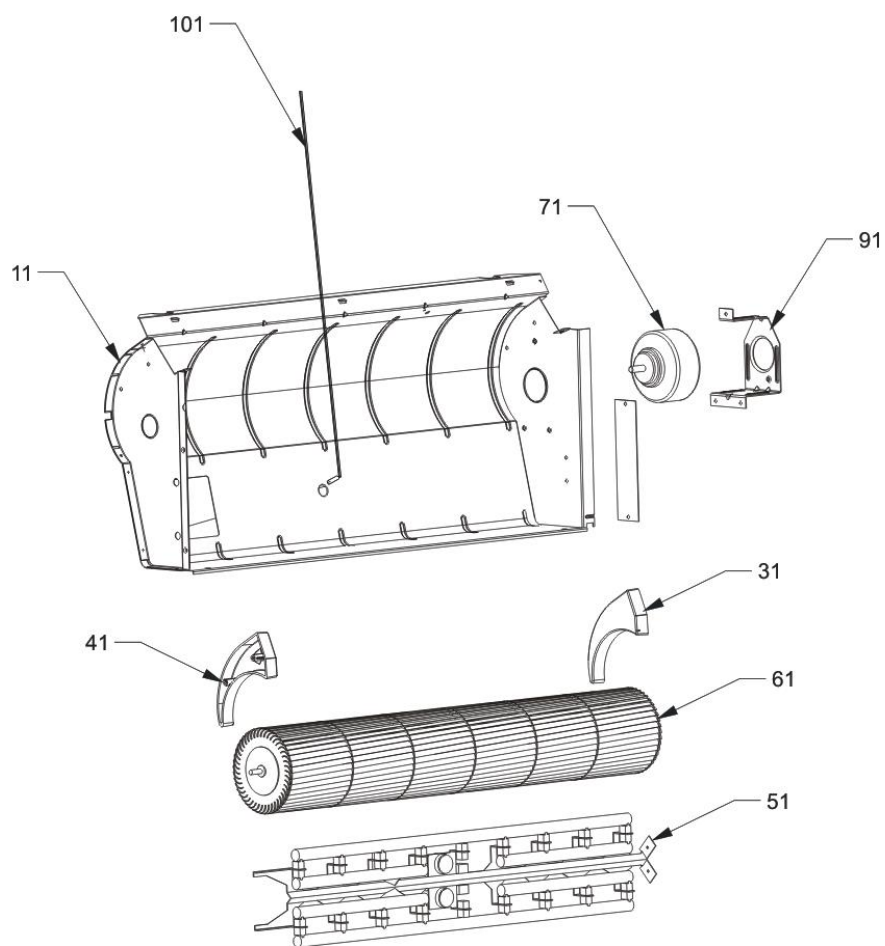
Partition Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0121P00133BR		BASEPAN (M7, M9, M14)
11	0121P00133DG		BASEPAN (M1, M2, M3, M4, M5, M6, 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	0130P00059		CORD, 250VAC, 15A (LCD) (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12)
251	0130P00058		CORD, 250VAC, 20A (LCD) (M13, M14, M15, M16)
NS	RSKP0005		CONTROL PANEL COVER AND MEMBRANE

Expanded Model Nomenclature

M1 - PTC073G00AXXXAA
M2 - PTC073G00DHXXAA
M3 - PTC073G00HRXXAA
M4 - PTC073G00HVXXAA
M5 - PTC073G00HXXXAA
M6 - PTC073G00RXXXAA
M7 - PTC073G15CXXXAA
M8 - PTC073G25AXXXAA
M9 - PTC073G25CXXXAA
M10 - PTC073G25DXXXAA
M11 - PTC073G25RXXXAA
M12 - PTC073G25VXXXAA
M13 - PTC073G35AXXXAA
M14 - PTC073G35CXXXAA
M15 - PTC073G35QRXXAA
M16 - PTC073G35RXXXAA

Evaporator Blower / Heater Assembly



Evaporator Blower / Heater Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

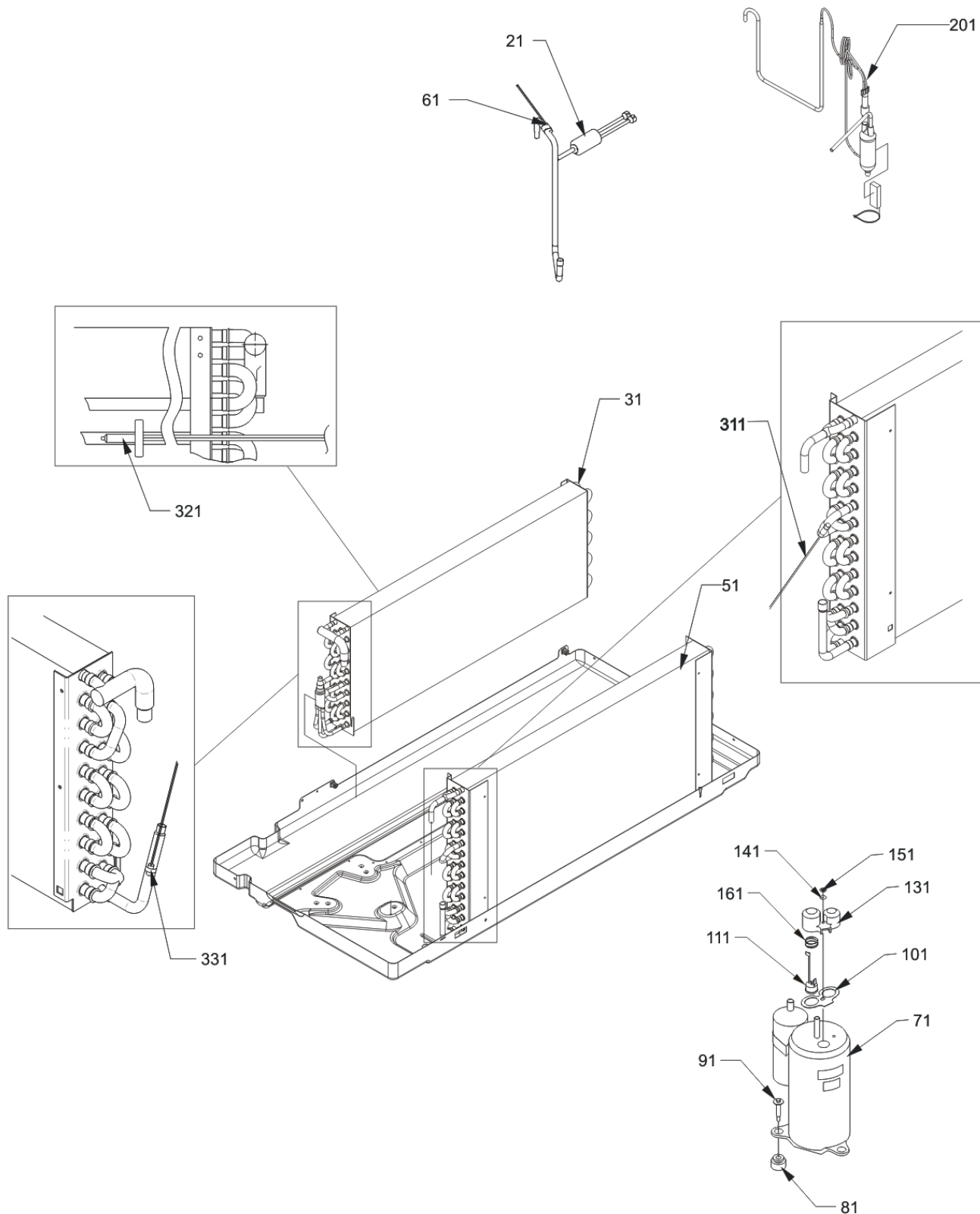
Image 1:

11	0270P01070	SCROLL ASSY
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00019	HEATER ASSY (M8, M9, M10, M11, M12)
51	0275P00022	HEATER ASSY (M7)
51	0275P00038	HEATER ASSY (M13, M14, M15, M16)
61	0150P00004	WHEEL, BLOWER
71	0131P00035	FAN MOTOR, INDOOR
91	0121P00048	BRACKET-MOTOR MOUNT
101	0130P00075	THERMISTOR - DISCHARGE
NS	0163P00027	BEARING

Expanded Model Nomenclature

M1 - PTC073G00AXXXAA
M2 - PTC073G00DHXXAA
M3 - PTC073G00HRXXAA
M4 - PTC073G00HVXXAA
M5 - PTC073G00HXXAA
M6 - PTC073G00RXXAA
M7 - PTC073G15CXXAA
M8 - PTC073G25AXXXAA
M9 - PTC073G25CXXAA
M10 - PTC073G25DXXAA
M11 - PTC073G25RXXAA
M12 - PTC073G25VXXAA
M13 - PTC073G35AXXXAA
M14 - PTC073G35CXXAA
M15 - PTC073G35QRXXAA
M16 - PTC073G35RXXAA

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, M5, M6, M8, M10, M11, M12, M13, M15, M16)
51	0202P00072DG		CONDENSER ASSY (M7, M9, M14)
61	0130P00077		THERMISTOR - INDOOR (M3, M6, M11, M15, M16)
71	39A162A		COMPRESSOR, RECHI
81	60110202		GROMMET - RECHI COMPRESSOR (QTY 3)
91	M0253661		SHOULDER SCREW (QTY 3)
101	60100103		TERMINAL GASKET
111	60343516		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	0210P00208		CAPILLARY WELDMENT
311	0130P00094		THERMISTOR (M3, M6, M11, M15, M16)
321	0130P00073		THERMISTOR
331	0130P00084		THERMISTOR - INDOOR COIL

Expanded Model Nomenclature

M1 - PTC073G00AXXXAA
M2 - PTC073G00DHXXAA
M3 - PTC073G00HRXXAA
M4 - PTC073G00HVXXAA
M5 - PTC073G00HXXAA
M6 - PTC073G00RXXAA
M7 - PTC073G15CXXAA
M8 - PTC073G25AXXXAA
M9 - PTC073G25CXXAA
M10 - PTC073G25DXXAA
M11 - PTC073G25RXXAA
M12 - PTC073G25VXXAA
M13 - PTC073G35AXXXAA
M14 - PTC073G35CXXAA
M15 - PTC073G35QRXXAA
M16 - PTC073G35RXXAA