

PTC073G Package Terminal Air Conditioner

PTC073G00AXXXBA
PTC073G00DHRXBA
PTC073G00DHXXBA
PTC073G00HQRXBA
PTC073G00HQXXBA
PTC073G00HRXXBA
PTC073G00HVXXBA
PTC073G00HXXBA
PTC073G00RXXBA
PTC073G15AXXXBA
PTC073G15CXXBA
PTC073G15QXXBA
PTC073G25AXXXBA
PTC073G25CRXXBA
PTC073G25CXXBA
PTC073G25DXXBA
PTC073G25QRXXBA
PTC073G25QXXBA
PTC073G25RXXBA
PTC073G25VXXBA
PTC073G35AXXXBA
PTC073G35CRXXBA
PTC073G35CXXBA
PTC073G35DXXBA
PTC073G35QRXXBA
PTC073G35QXXBA
PTC073G35RXXBA
PTC073G35VXXBA



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This manual is to be used by qualified technicians only.

This manual replaces RP-896J.

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:

Homeowner Support
Goodman Company, L.P.
19001 Kermier Road
Waller, Texas 77484
877-254-4729-Telephone
713-863-2382-Facsimile

For assistance outside the U.S.A. contact:

International Division
Goodman Company, L.P.
19001 Kermier Road
Waller, Texas 77484
713-861-2500-Telephone
713-863-2382-Facsimile

Functional Parts

Part

No: Description:

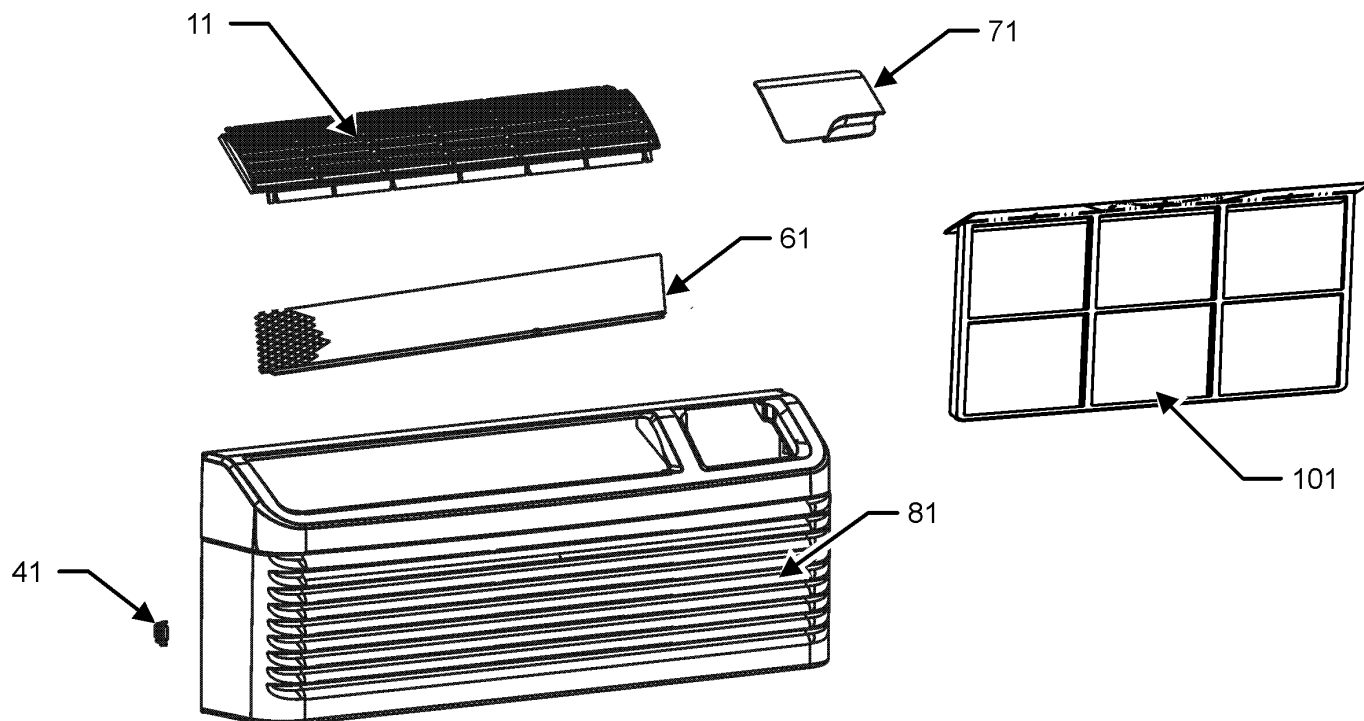
CAP020200450CS	CAP, 2/20 MFD/450V/DUAL RD
CAP020000440RP	CAPACITOR 2/440V
39A162AD&9DKZ	COMPRESSOR, RECHI
RSKP0012	CONTROL BOARD M70
RSKP0015	CONTROL PANEL COVER AND MEMBRANE
0130P00112	CORD,250VAC,15A (LCD) (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20)
0130P00115	CORD,250VAC,20A (LCD) (M21, M22, M23, M24, M25, M26, M27, M28)
0131P00054	FAN MOTOR, INDOOR
0131P00033	FAN MOTOR, OUTDOOR
0161P00055	FAN, CONDENSER
0275P00019	HEATER ASSY (M13, M14, M15, M16, M17, M18, M19, M20)
0275P00038	HEATER ASSY (M21, M22, M23, M24, M25, M26, M27, M28)
0275P00022	HEATER ASSY (M10, M11, M12)
0130P00133	HUMIDITY SENSOR (M2, M3, M7, M16, M20, M24, M28)
60343516	OVERLOAD PROTECTOR
PCBCP147	PCB, CONTROL, D70 (M2, M3, M7, M16, M20, M24, M28)
0130P00137	POWER VENT MOTOR (M2, M3, M7, M16, M20, M24, M28)
0130M00181	SPDT RELAY (M2, M3, M4, M5, M6, M7, M8)
0130M00169	SWITCH, HIGH PRESS
802007090	TERMINAL BOARD
0130P00094	THERMISTOR (M2, M4, M6, M9, M14, M17, M19, M22, M25, M27)
0130P00141	THERMISTOR
0130P00077	THERMISTOR (M2, M4, M6, M9, M14, M17, M19, M22, M25, M27)
0130P00134	THERMISTOR - DISCHARGE
0130P00084	THERMISTOR - INDOOR COIL
0130P00098	THERMISTOR - OUTDOOR AMBIENT (M2, M3, M4, M6, M7, M9, M14, M16, M17, M19, M20, M22, M24, M25, M27, M28)
0130M00599	TRANS, 40VA, 240V/208V TO 24V (M2, M3, M4, M5, M6, M7, M8, M16, M20, M24, M28)
0130M00341	TRANSFORMER 20VA 230V (M1, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)

Expanded Model Nomenclature

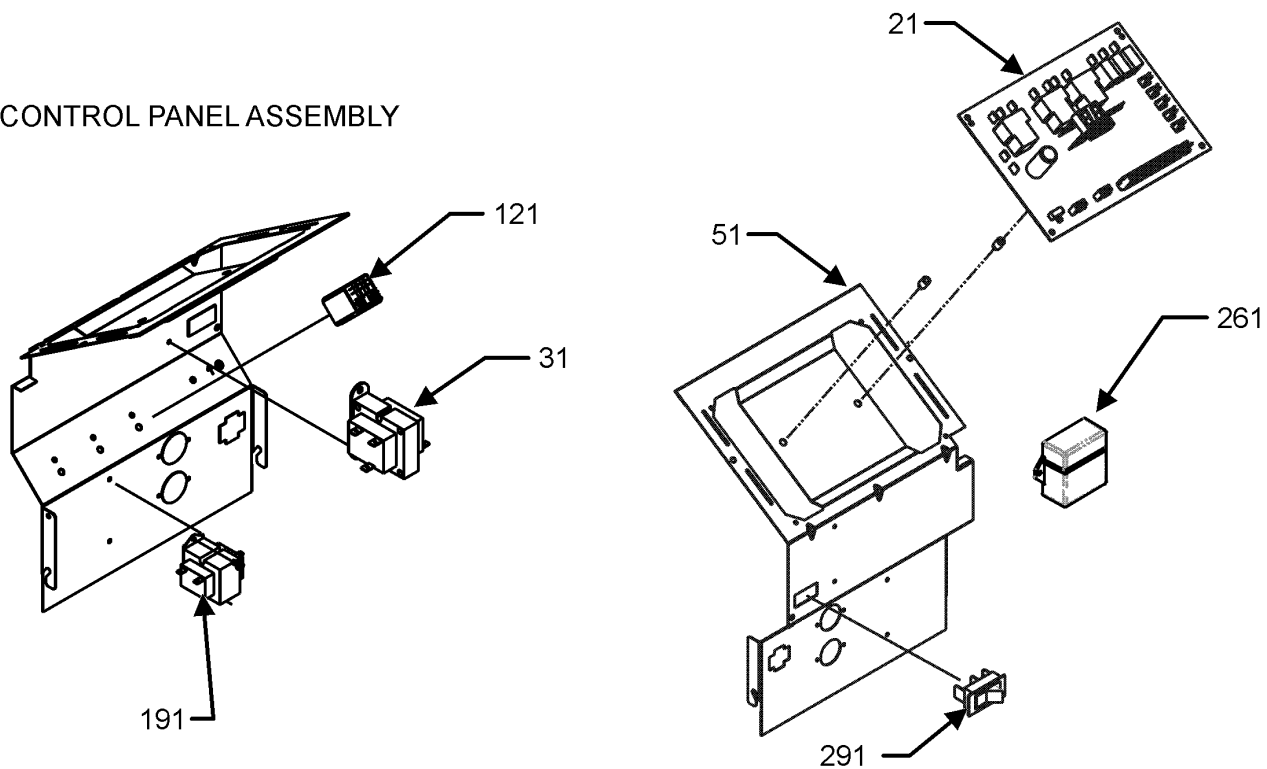
M1 - PTC073G00AXXXBA
M2 - PTC073G00DHRXXBA
M3 - PTC073G00DHXXBA
M4 - PTC073G00HQRXXBA
M5 - PTC073G00HQXXBA
M6 - PTC073G00HRXXBA
M7 - PTC073G00HVXXBA
M8 - PTC073G00HXXBA
M9 - PTC073G00RXXBA
M10 - PTC073G15AXXXBA
M11 - PTC073G15CXXBA
M12 - PTC073G15QXXBA
M13 - PTC073G25AXXXBA
M14 - PTC073G25CRXXBA
M15 - PTC073G25CXXBA
M16 - PTC073G25DXXBA
M17 - PTC073G25QRXXBA
M18 - PTC073G25QXXBA
M19 - PTC073G25RXXBA
M20 - PTC073G25VXXBA
M21 - PTC073G35AXXXBA
M22 - PTC073G35CRXXBA
M23 - PTC073G35CXXBA
M24 - PTC073G35DXXBA
M25 - PTC073G35QRXXBA
M26 - PTC073G35QXXBA
M27 - PTC073G35RXXBA
M28 - PTC073G35VXXBA

Control Panel / Front Assembly

FRONT PANEL ASSEMBLY



CONTROL PANEL ASSEMBLY



Control Panel / Front Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

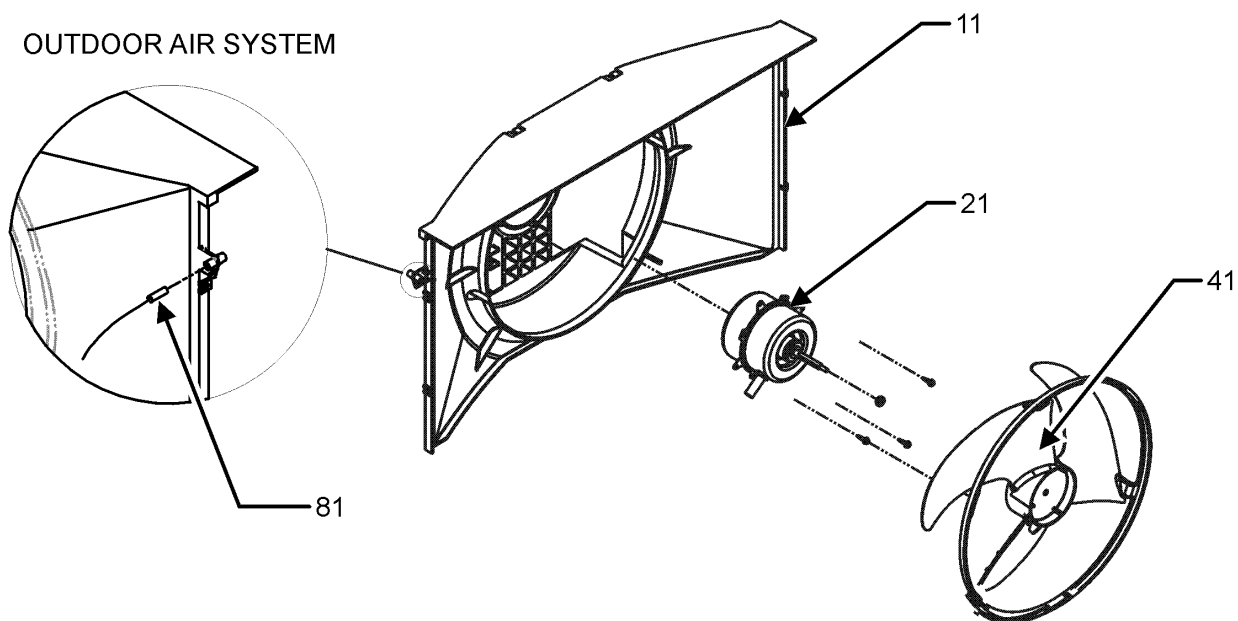
11	0161P00048	FRONT, LOUVERS DISCHARGE (M1, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)
21	RSKP0012	CONTROL BOARD M70
31	0130M00341	TRANSFORMER 20VA 230V (M1, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)
41	0163P00025	CLIP (M1, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)
51	0121P00130	PANEL, CONTROL
61	0121P00194BL	SCREEN, DISCHARGE, PAINTED (M1, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)
71	0261P00003	DOOR ASSY -AMANA- (M1, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)
81	0261P00011	FRONT ASSY (M1, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)
101	0161P00035	FILTER, RACK (M1, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)
121	0130M00181	SPDT RELAY (M2, M3, M4, M5, M6, M7, M8)
191	0130M00599	TRANS, 40VA, 240V/208V TO 24V (M2, M3, M4, M5, M6, M7, M8, M16, M20, M24, M28)
261	0130P00104	ANTENNA (M2, M4, M6, M9, M14, M17, M19, M22, M25, M27)
291	B1337701	PADDLE SWITCH (M2, M3, M7, M16, M20, M24, M28)
NS	PCBCP147	PCB, CONTROL, D70 (M2, M3, M7, M16, M20, M24, M28)

Expanded Model Nomenclature

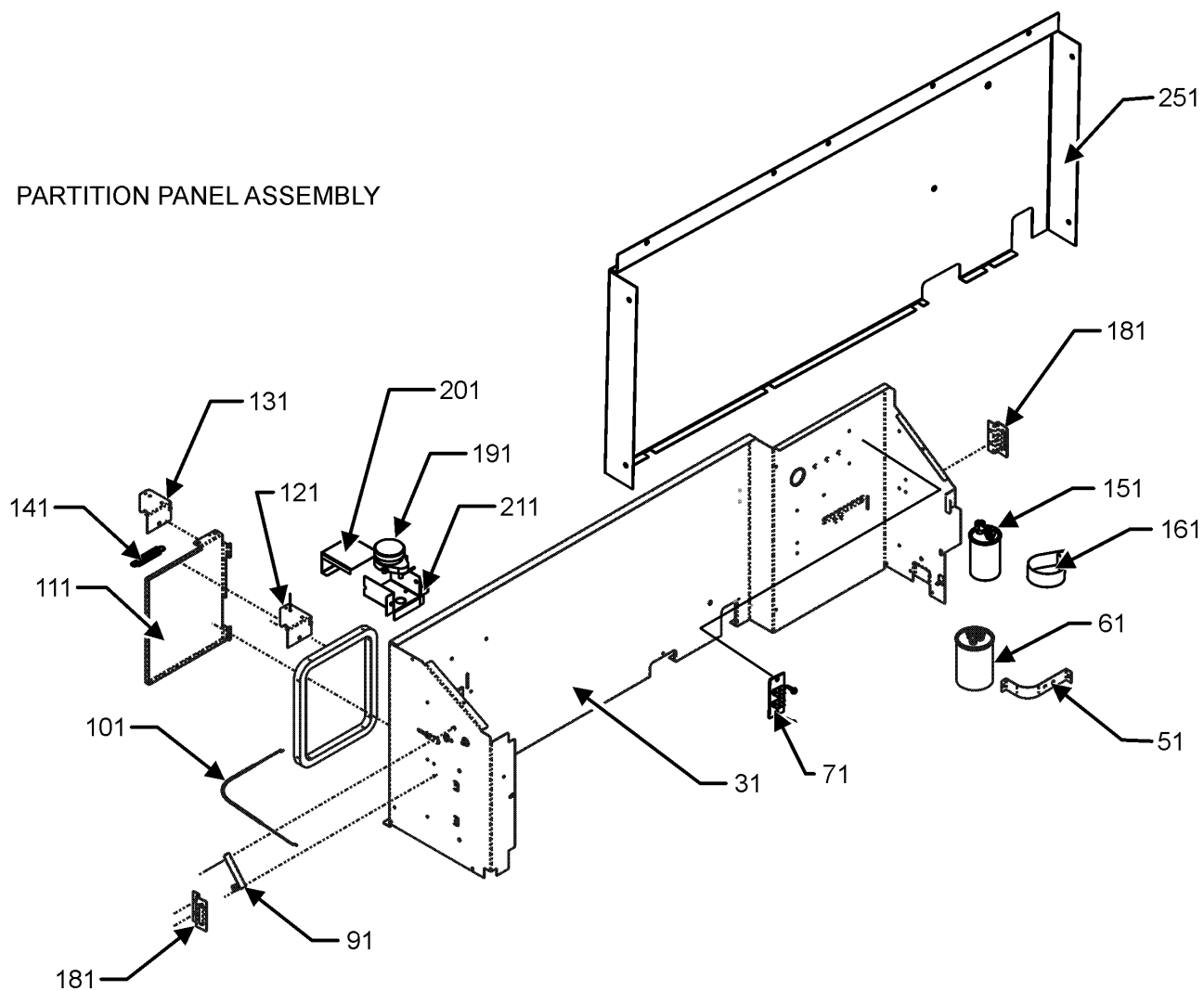
M1 - PTC073G00AXXXBA
 M2 - PTC073G00DHRXBA
 M3 - PTC073G00DHXXBA
 M4 - PTC073G00HQRXBA
 M5 - PTC073G00HQXXBA
 M6 - PTC073G00HRXXBA
 M7 - PTC073G00HVXXBA
 M8 - PTC073G00HXXBA
 M9 - PTC073G00RXXBA
 M10 - PTC073G15AXXXBA
 M11 - PTC073G15CXXBA
 M12 - PTC073G15QXXBA
 M13 - PTC073G25AXXXBA
 M14 - PTC073G25CRXXBA
 M15 - PTC073G25CXXBA
 M16 - PTC073G25DXXBA
 M17 - PTC073G25QRXXBA
 M18 - PTC073G25QXXBA
 M19 - PTC073G25RXXBA
 M20 - PTC073G25VXXBA
 M21 - PTC073G35AXXXBA
 M22 - PTC073G35CRXXBA
 M23 - PTC073G35CXXBA
 M24 - PTC073G35DXXBA
 M25 - PTC073G35QRXXBA
 M26 - PTC073G35QXXBA
 M27 - PTC073G35RXXBA
 M28 - PTC073G35VXXBA

Condenser Fan / Partition Assembly

OUTDOOR AIR SYSTEM



PARTITION PANEL ASSEMBLY

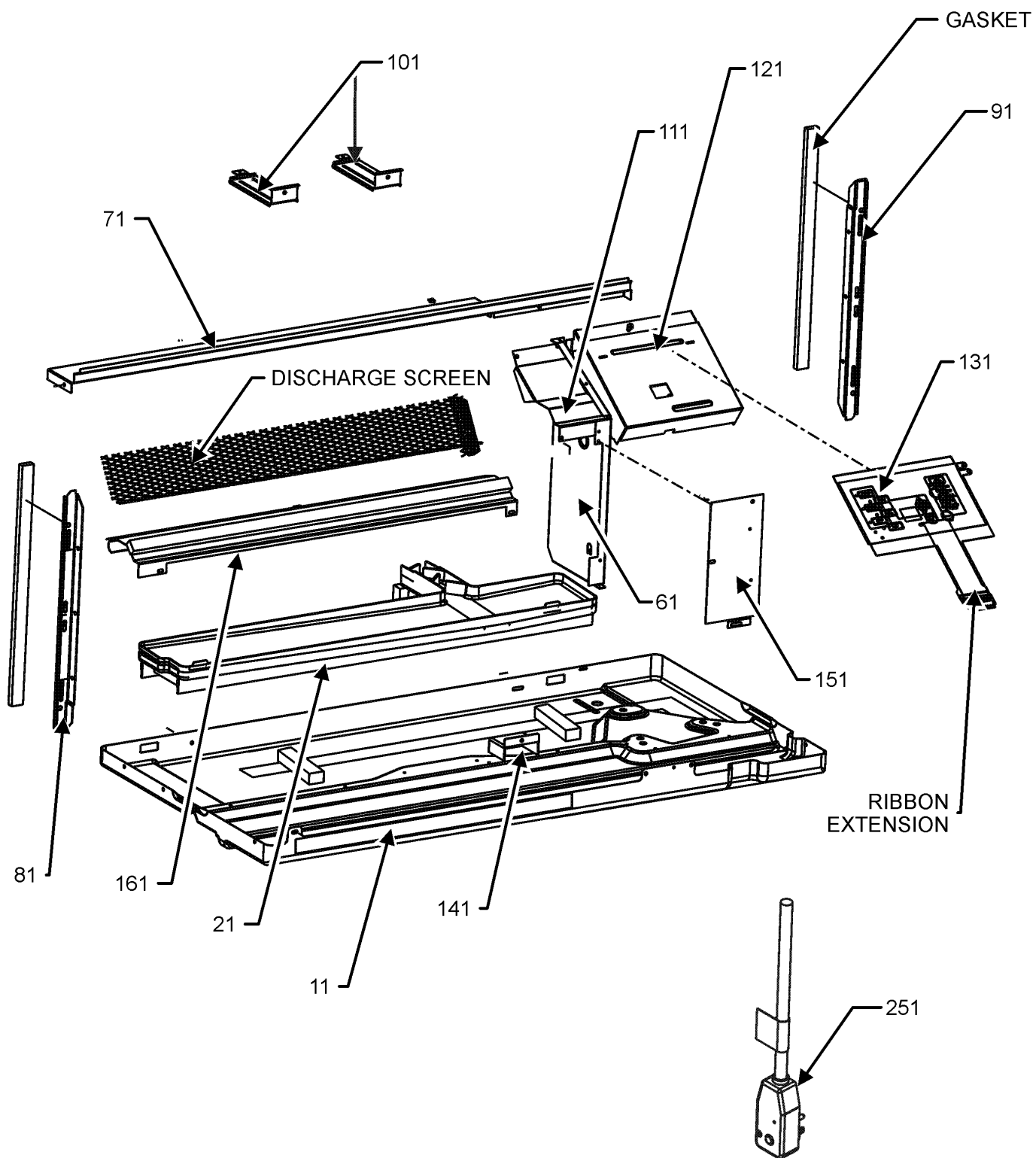


Condenser Fan / Partition Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:		Expanded Model Nomenclature	
11	0161P00053	SHROUD, CONDENSER	
21	0131P00033	FAN MOTOR, OUTDOOR	
31	0121P00093	PANEL-PARTITION (M4, M5, M12, M17, M18, M25, M26)	
31	0121P00108NG	PANEL-PARTITION (M1, M2, M3, M6, M7, M8, M9, M10, M11, M13, M14, M15, M16, M19, M20, M21, M22, M23, M24, M27, M28)	
41	0161P00055	FAN, CONDENSER	
51	C6300502	CAPACITOR STRAP	
61	CAP020200450C S	CAP, 2/20 MFD/450V/DUAL RD	
71	802007090	TERMINAL BOARD	
81	0130P00098	THERMISTOR - OUTDOOR AMBIENT (M2, M3, M4, M6, M7, M9, M14, M16, M17, M19, M20, M22, M24, M25, M27, M28)	
91	11046302	LEVER ARM (M1, M6, M8, M9, M10, M11, M13, M14, M15, M19, M21, M22, M23, M27)	
101	0163P00019	CABLE (M1, M6, M8, M9, M10, M11, M13, M14, M15, M19, M21, M22, M23, M27)	
111	0121P00177	DOOR-VENT PTC (M1, M2, M3, M6, M7, M8, M9, M10, M13, M16, M19, M20, M21, M24, M27, M28)	
121	0121P00079	BRACKET, VENT DOOR (M2, M3, M7, M16, M20, M24, M28)	
131	0121P00180	BRACKET, POWER VENT (M2, M3, M7, M16, M20, M24, M28)	
131	0121P00072NG	BRACKET, VENT DOOR-C (M1, M6, M8, M9, M10, M11, M13, M14, M15, M19, M21, M22, M23)	
141	11166401	EXTENSION SPRING (M2, M3, M7, M16, M20, M24, M28)	
151	CAP020000440R P	CAPACITOR 2/440V	
161	0163P00029	CAPACITOR CLAMP	
181	11191703	PARTITION PANEL BRACKET (M1, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)	
191	0130P00137	POWER VENT MOTOR (M2, M3, M7, M16, M20, M24, M28)	
201	11166201	POWER VENT COVER BRACKET (M2, M3, M7, M16, M20, M24, M28)	
211	11166101	POWER VENT MOTOR BRACKET (M2, M3, M7, M16, M20, M24, M28)	
251	0121P00091	PANEL-AUXILLIARY (M4, M5, M12, M17, M18, M25, M26)	
NS	0130P00133	HUMIDITY SENSOR (M2, M3, M7, M16, M20, M24, M28)	
		M1 - PTC073G00A XXXBA M2 - PTC073G00DHRXBA M3 - PTC073G00DHXXBA M4 - PTC073G00HQRXBA M5 - PTC073G00HQXXBA M6 - PTC073G00HRXXBA M7 - PTC073G00HVXXBA M8 - PTC073G00HXXXBA M9 - PTC073G00RXXXBA M10 - PTC073G15A XXXBA M11 - PTC073G15CXXXBA M12 - PTC073G15QXXXBA M13 - PTC073G25A XXXBA M14 - PTC073G25CRXXBA M15 - PTC073G25CXXXBA M16 - PTC073G25DXXXBA M17 - PTC073G25QRXXBA M18 - PTC073G25QXXXBA M19 - PTC073G25RXXXBA M20 - PTC073G25V XXXBA M21 - PTC073G35A XXXBA M22 - PTC073G35CRXXBA M23 - PTC073G35CXXXBA M24 - PTC073G35DXXXBA M25 - PTC073G35QRXXBA M26 - PTC073G35QXXXBA M27 - PTC073G35RXXXBA M28 - PTC073G35V XXXBA	

Partition Assembly

BASE PAN ASSEMBLY

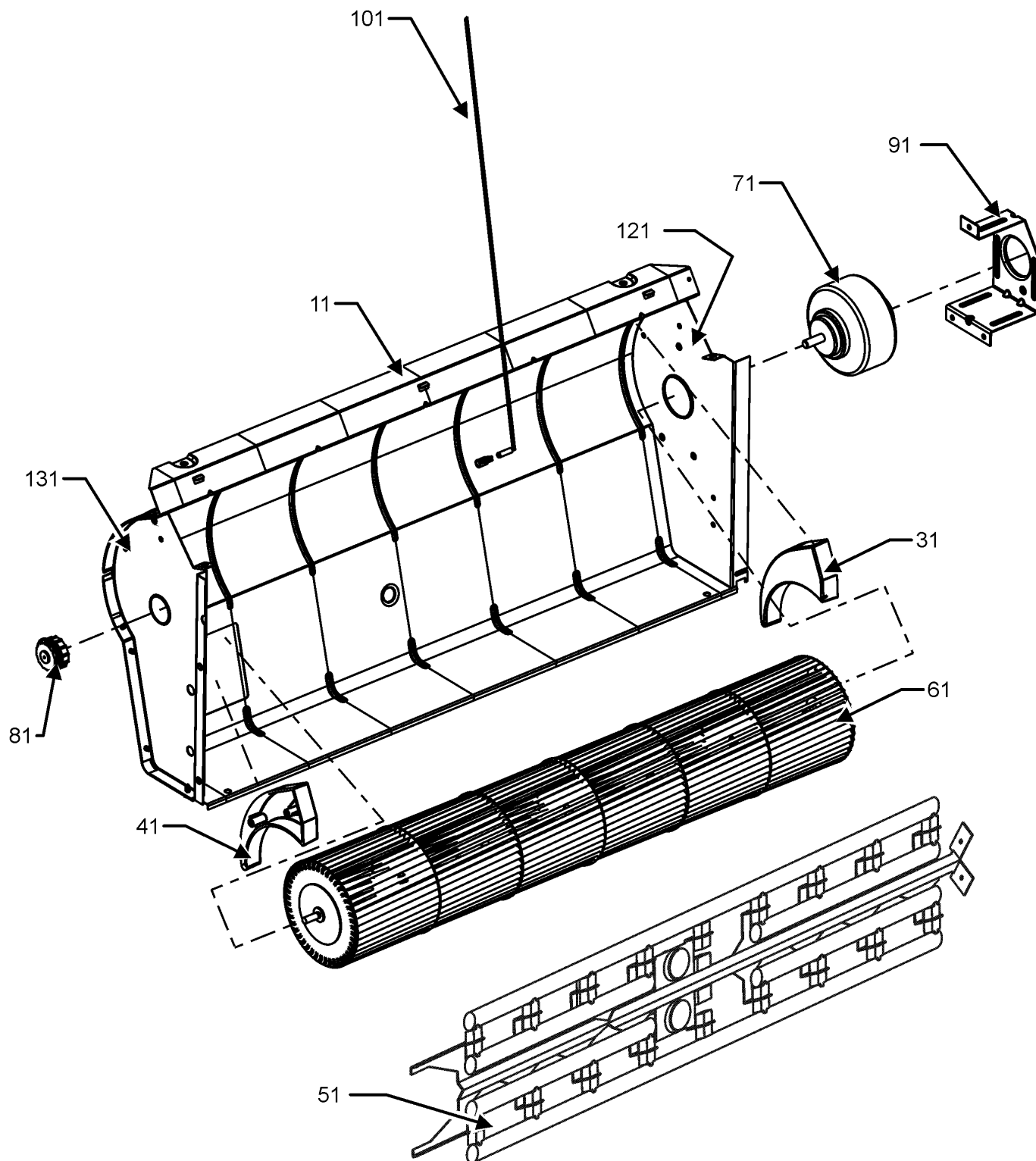


Partition Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:		Expanded Model Nomenclature	
11	0121P00175DG	BASEPAN (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M12, M13, M16, M17, M18, M19, M20, M21, M24, M25, M26, M27, M28)	M1 - PTC073G00A XXXBA M2 - PTC073G00DHRXBA M3 - PTC073G00DHXXBA M4 - PTC073G00HQRXBA M5 - PTC073G00HQXXBA M6 - PTC073G00HRXXBA M7 - PTC073G00HVXXBA M8 - PTC073G00HXXXBA M9 - PTC073G00RXXXBA M10 - PTC073G15A XXXBA M11 - PTC073G15CXXXBA M12 - PTC073G15QXXXBA M13 - PTC073G25A XXXBA M14 - PTC073G25CRXXBA M15 - PTC073G25CXXXBA M16 - PTC073G25DXXXBA M17 - PTC073G25QRXXBA M18 - PTC073G25QXXXBA M19 - PTC073G25RXXXBA M20 - PTC073G25V XXXBA M21 - PTC073G35A XXXBA M22 - PTC073G35CRXXBA M23 - PTC073G35CXXXBA M24 - PTC073G35DXXXBA M25 - PTC073G35QRXXBA M26 - PTC073G35QXXXBA M27 - PTC073G35RXXXBA M28 - PTC073G35V XXXBA
11	0121P00175NG	BASEPAN (M11, M14, M15, M22, M23)	
21	0161P00044	PLASTIC-DRAIN PAN	
61	20403301	MID PARTITION PANEL	
71	0121P00063NG	TOP, PARTITION PANEL	
81	0121P00197	SEAL-L SIDE PTC	
91	0121P00198	SEAL-R SIDE PTC	
101	0121P00071NG	BRACE, TIE (QTY 2)	
111	0121P00070DG	COVER, MOTOR	
121	0121P00280	COVER-CONTROL PANEL	
131	RSKP0015	CONTROL PANEL COVER AND MEMBRANE	
141	0161P00016	PLASTIC-HOOD (M1, M2, M3, M6, M7, M8, M9, M10, M11, M13, M14, M15, M16, M19, M20, M21, M22, M23, M24, M27, M28)	
151	20410801	ACCESS COVER	
161	0121P00061DG	CUTOFF-SCROLL DG	
251	0130P00112	CORD,250VAC, 15A (LCD) (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20)	
251	0130P00115	CORD,250VAC, 20A (LCD) (M21, M22, M23, M24, M25, M26, M27, M28)	
NS	0130P00109	MEMBRANE (CONTROL)	

Evaporator Blower / Heater Assembly

INDOOR BLOWER ASSEMBLY



Evaporator Blower / Heater Assembly

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

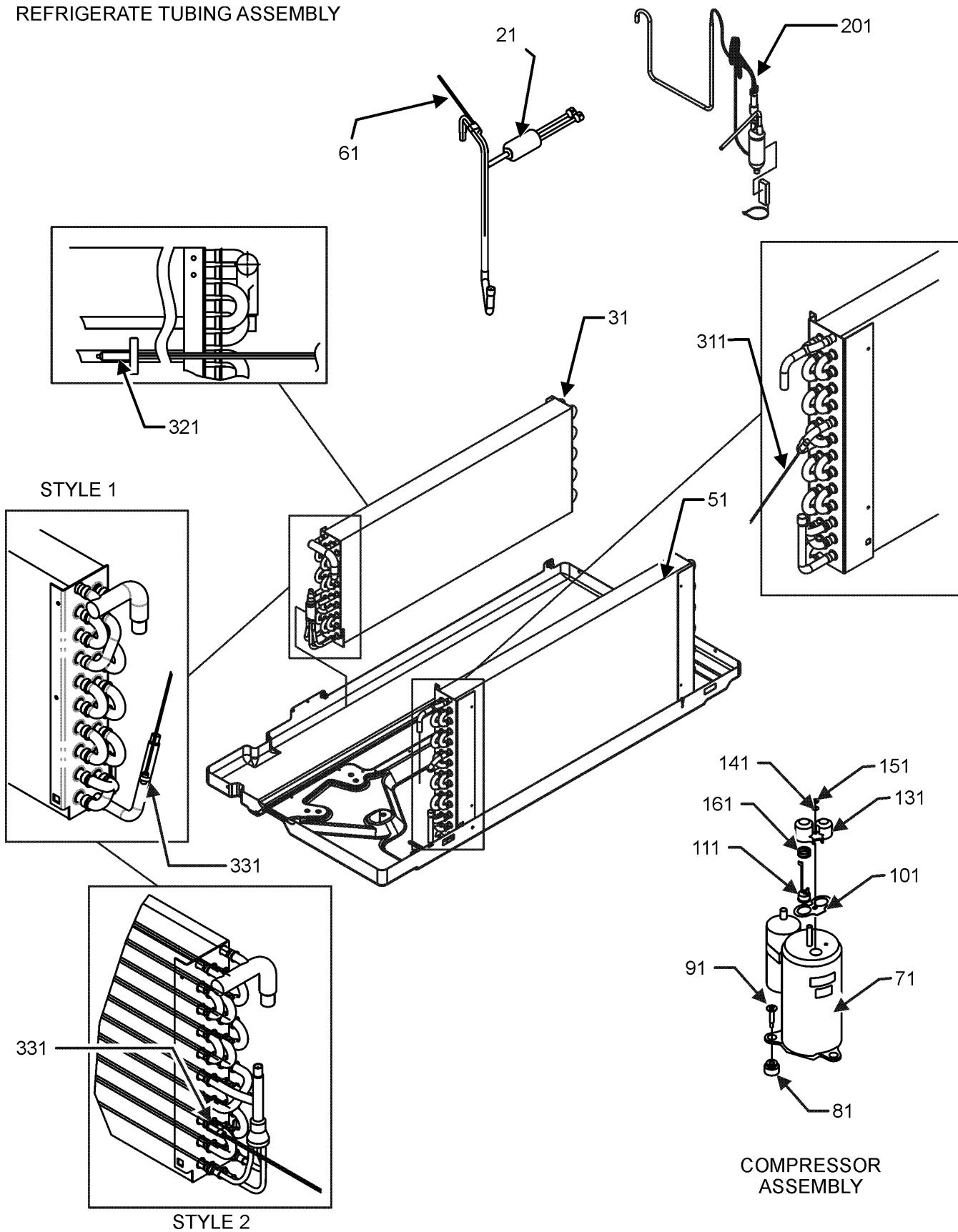
11	0121P00173DG	SCROLL
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00019	HEATER ASSY (M13, M14, M15, M16, M17, M18, M19, M20)
51	0275P00022	HEATER ASSY (M10, M11, M12)
51	0275P00038	HEATER ASSY (M21, M22, M23, M24, M25, M26, M27, M28)
61	0150P00005	WHEEL, BLOWER
71	0131P00054	FAN MOTOR, INDOOR
81	0163P00027	BEARING
91	0121P00048	BRACKET-MOTOR MOUNT
101	0130P00134	THERMISTOR - DISCHARGE
121	0121P00059DG	ENDPLATE-RH SCROLL
131	0121P00215DG	ENDPLATE- LH SCROLL

Expanded Model Nomenclature

M1 - PTC073G00AXXXBA
 M2 - PTC073G00DHRXBA
 M3 - PTC073G00DHXXBA
 M4 - PTC073G00HQRXBA
 M5 - PTC073G00HQXXBA
 M6 - PTC073G00HRXXBA
 M7 - PTC073G00HVXXBA
 M8 - PTC073G00HXXXBA
 M9 - PTC073G00RXXXBA
 M10 - PTC073G15AXXXBA
 M11 - PTC073G15CXXXBA
 M12 - PTC073G15QXXXBA
 M13 - PTC073G25AXXXBA
 M14 - PTC073G25CRXXBA
 M15 - PTC073G25CXXXBA
 M16 - PTC073G25DXXXBA
 M17 - PTC073G25QRXXBA
 M18 - PTC073G25QXXXBA
 M19 - PTC073G25RXXXBA
 M20 - PTC073G25VXXXBA
 M21 - PTC073G35AXXXBA
 M22 - PTC073G35CRXXBA
 M23 - PTC073G35CXXXBA
 M24 - PTC073G35DXXXBA
 M25 - PTC073G35QRXXBA
 M26 - PTC073G35QXXXBA
 M27 - PTC073G35RXXXBA
 M28 - PTC073G35VXXXBA

Coil / Compressor / Tubing Assembly

REFRIGERATE TUBING ASSEMBLY



Coil / Compressor / Tubing Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:		Expanded Model Nomenclature	
21	0130M00169	SWITCH, HIGH PRESS	M1 - PTC073G00A XXXBA
31	0202P00067	EVAP ASSY, 3/8, 2 ROW	M2 - PTC073G00DHRXBA
51	0201P00137NG	5MM COND ASSY PAINTED (M11, M14, M15, M22, M23)	M3 - PTC073G00DHXXBA
51	0201P00130	5MM CONDENSER COIL ASSY (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M12, M13, M16, M17, M18, M19, M20, M21, M24, M25, M26, M27, M28)	M4 - PTC073G00HQRXBA
61	0130P00077	THERMISTOR (M2, M4, M6, M9, M14, M17, M19, M22, M25, M27)	M5 - PTC073G00HQXXBA
71	39A162AD&9DKZ	COMPRESSOR, RECHI	M6 - PTC073G00HRXXBA
81	60130203	GROMMET - RECHI COMPRESSOR (QTY 3)	M7 - PTC073G00HVXXBA
91	0163M00079	SHOULDER SCREW (QTY 3)	M8 - PTC073G00HXXXBA
101	60100103	TERMINAL GASKET	M9 - PTC073G00RXXXBA
111	60343516	OVERLOAD PROTECTOR	M10 - PTC073G15A XXXBA
131	60100314	TERMINAL COVER - RECHI COMP	M11 - PTC073G15CXXXBA
141	60100201	WASHER - RECHI COMPRESSOR	M12 - PTC073G15QXXXBA
151	60100401	TERMINAL NUT - RECHI COMP	M13 - PTC073G25A XXXBA
161	60500101	OLP SPRING - RECHI COMPRESSOR	M14 - PTC073G25CRXXBA
201	0210P00208	CAPILLARY WELDMENT	M15 - PTC073G25CXXXBA
311	0130P00094	THERMISTOR (M2, M4, M6, M9, M14, M17, M19, M22, M25, M27)	M16 - PTC073G25DXXXBA
321	0130P00141	THERMISTOR	M17 - PTC073G25QRXXBA
331	0130P00084	THERMISTOR - INDOOR COIL	M18 - PTC073G25QXXXBA
			M19 - PTC073G25RXXXBA
			M20 - PTC073G25V XXXBA
			M21 - PTC073G35A XXXBA
			M22 - PTC073G35CRXXBA
			M23 - PTC073G35CXXXBA
			M24 - PTC073G35DXXXBA
			M25 - PTC073G35QRXXBA
			M26 - PTC073G35QXXXBA
			M27 - PTC073G35RXXXBA
			M28 - PTC073G35V XXXBA