

PTC124G Package Terminal Air Conditioner

PTC124G00DHXXBA
PTC124G00HRXXBA
PTC124G00HXXXBA
PTC124G15AXXXBA
PTC124G25AXXXBA
PTC124G25CXXXBA
PTC124G25QRXXBA
PTC124G25RXXXBA
PTC124G25VXXXBA
PTC124G35AXXXBA
PTC124G35CQXXBA
PTC124G35CRXXBA
PTC124G35CXXXBA
PTC124G35DXXXBA
PTC124G35QRXXBA
PTC124G35QXXXBA
PTC124G35RXXXBA
PTC124G35VXXXBA
PTC124G50AXXXBA
PTC124G50CXXXBA
PTC124G50QRXXBA
PTC124G50QXXXBA
PTC124G50RXXXBA
PTC124G50VXXXBA



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This manual is to be used by qualified technicians only.

This manual replaces RP-895G.

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

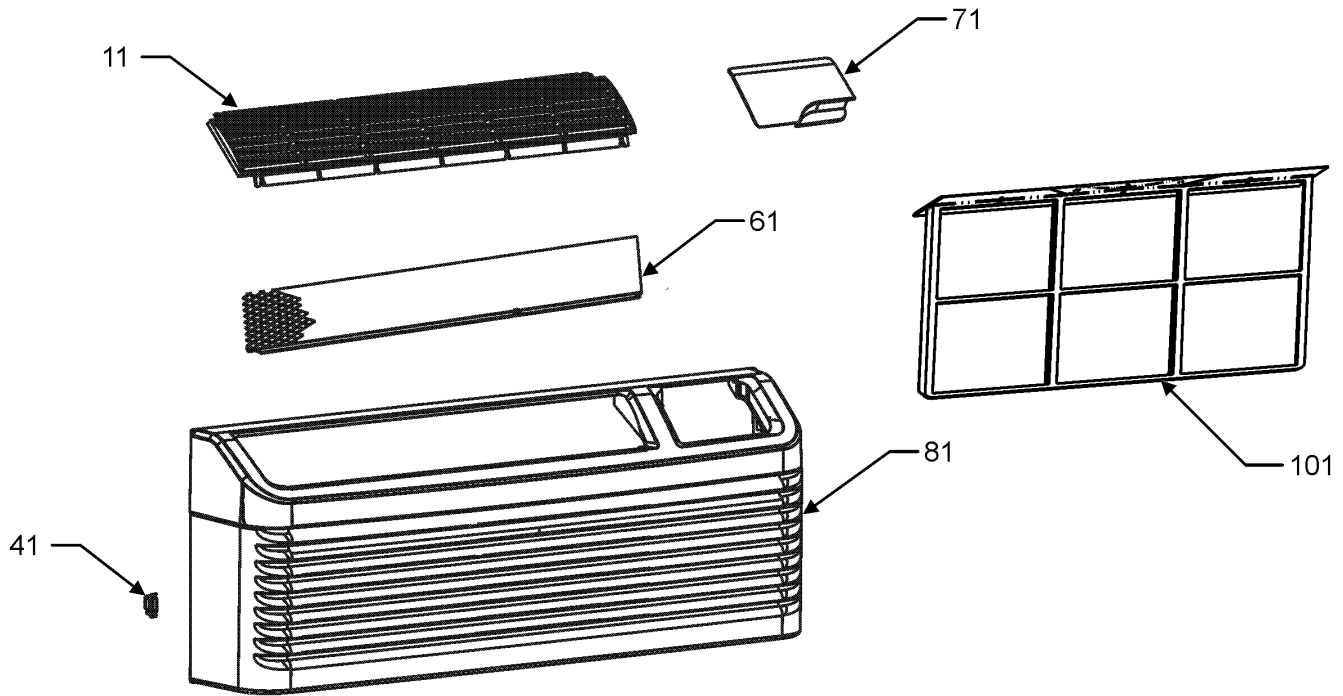
Part

No: Description:

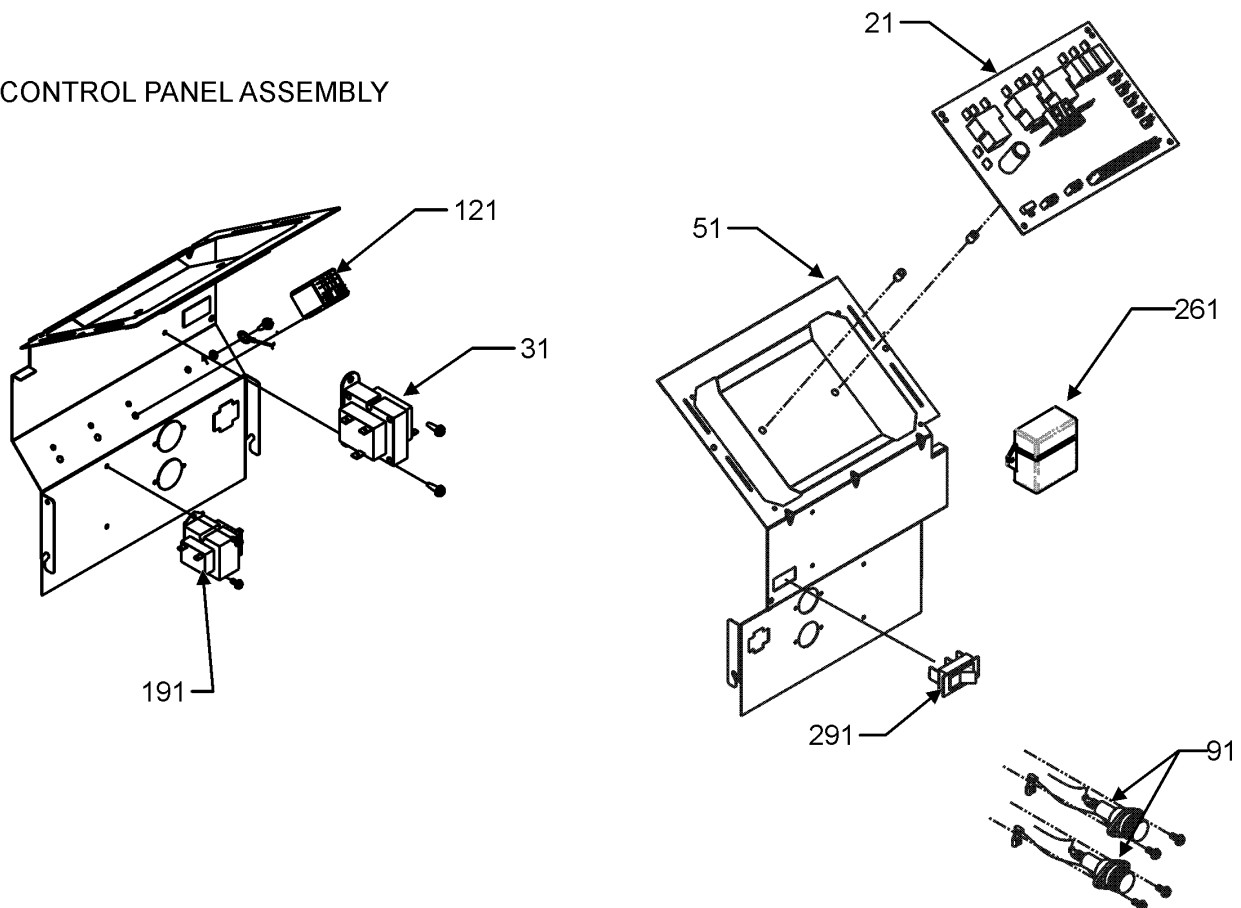
		Expanded Model Nomenclature
CAP015000500RP	CAPACITOR (M19, M20, M21, M22, M23, M24)	M1 - PTC124G00DHXXBA
CAP010000500RP	CAPACITOR (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18)	M2 - PTC124G00HRXXBA
CAP020300450CS	CAPACITOR 2/30/450V/DUAL RD	M3 - PTC124G00HXXXBA
44A287A	COMPRESSOR, RECHI	M4 - PTC124G15AXXXBA
RSKP0012	CONTROL BOARD M70	M5 - PTC124G25AXXXBA
RSKP0015	CONTROL PANEL COVER AND MEMBRANE	M6 - PTC124G25CXXXBA
0130P00128	CORD, 277V, 20A (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18)	M7 - PTC124G25QRXXBA
0130P00129	CORD, 277V, 30A (M19, M20, M21, M22, M23, M24)	M8 - PTC124G25RXXXBA
0131P00038	FAN MOTOR, INDOOR (M19, M20, M21, M22, M23, M24)	M9 - PTC124G25VXXXBA
0131P00037	FAN MOTOR, INDOOR (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18)	M10 - PTC124G35AXXXBA
0131P00034	FAN MOTOR, OUTDOOR	M11 - PTC124G35CQXXBA
0161P00055	FAN, CONDENSER	M12 - PTC124G35CRXXBA
A3410402	FUSE 15A (M1, M2, M3, M4, M5, M6, M7, M8, M9)	M13 - PTC124G35CXXXBA
A3410403	FUSE 20A (M10, M11, M12, M13, M14, M15, M16, M17, M18)	M14 - PTC124G35DXXXBA
A3410404	FUSE 25A (M19, M20, M21, M22, M23, M24)	M15 - PTC124G35QRXXBA
0275P00040	HEATER ASSY (M10, M11, M12, M13, M14, M15, M16, M17, M18)	M16 - PTC124G35QXXXBA
0275P00023	HEATER ASSY (M5, M6, M7, M8, M9)	M17 - PTC124G35RXXXBA
0275P00041	HEATER ASSY (M19, M20, M21, M22, M23, M24)	M18 - PTC124G35VXXXBA
60343539	OVERLOAD PROTECTOR	M19 - PTC124G50AXXXBA
PCBCP140	PCB, CONTROL, D70 (M1, M9, M14, M18, M24)	M20 - PTC124G50CXXXBA
0130P00137	POWER VENT MOTOR (M1, M9, M14, M18, M24)	M21 - PTC124G50QRXXBA
0130M00182	SPDT RELAY (M1, M2, M3)	M22 - PTC124G50QXXXBA
0130M00169	SWITCH, HIGH PRESS	M23 - PTC124G50RXXXBA
802007090	TERMINAL BOARD	M24 - PTC124G50VXXXBA
0130P00094	THERMISTOR (M2, M7, M8, M12, M15, M17, M21, M23)	
0130P00073	THERMISTOR	
0130P00134	THERMISTOR - DISCHARGE	
0130P00077	THERMISTOR - INDOOR (M2, M7, M8, M12, M15, M17, M21, M23)	
0130P00084	THERMISTOR - INDOOR COIL	
0130P00098	THERMISTOR - OUTDOOR AMBIENT (M2, M7, M8, M12, M15, M17, M21, M23)	
0130M00329	TRANSFORMER 20VA 60HZ (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24)	
0130M00151	TRANSFORMER 277V to 24V, 40VA (M1, M2, M3, M9, M14, M18, M24)	

Front Panel and Control Panel Assembly

FRONT PANEL ASSEMBLY



CONTROL PANEL ASSEMBLY



Front Panel and Control Panel Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

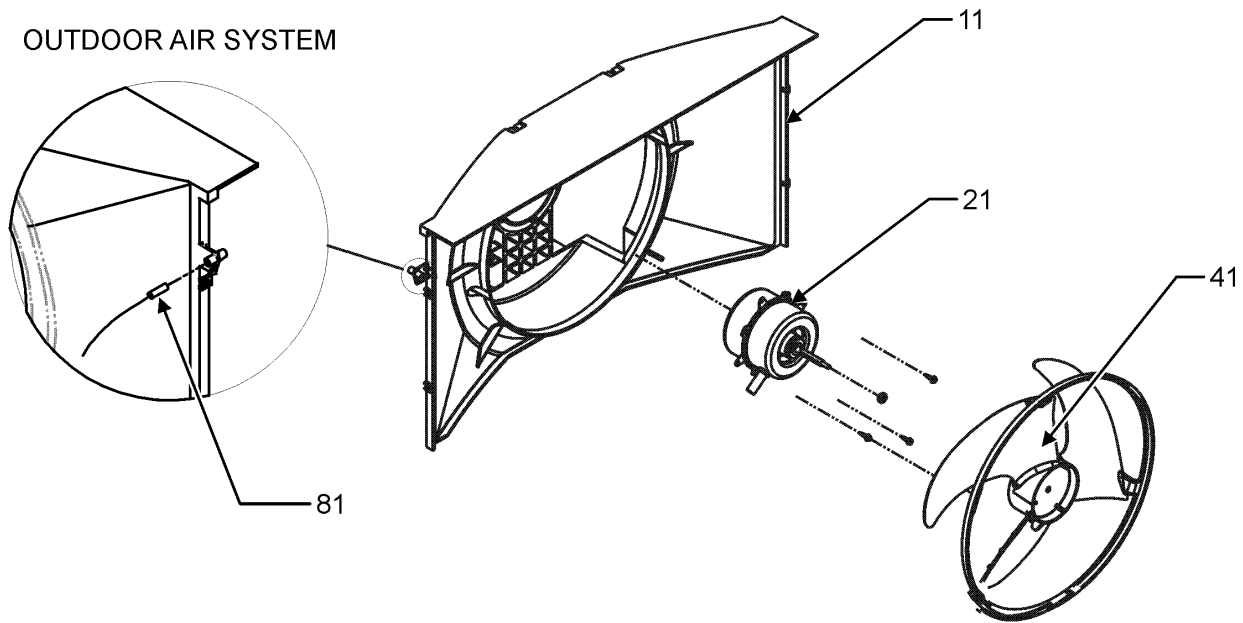
11	0161P00048	FRONT, LOUVERS DISCHARGE (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24)
21	RSKP0012	CONTROL BOARD M70
31	0130M00329	TRANSFORMER 20VA 60HZ (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24)
31	0130M00151	TRANSFORMER 277V to 24V, 40VA (M1, M2, M3)
41	0163P00025	CLIP (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24)
51	0121P00130	PANEL, CONTROL
61	0121P00073	SCREEN, DISCHARGE (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24)
71	0261P00003	DOOR ASSY -AMANA- (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24)
81	0261P00011	FRONT ASSY (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24)
91	C6476001	BAYONET FUSE HOLDER (M1, M2, M3, M4, M5, M6, M7, M8, M9)
91	C6476002	BAYONET FUSE HOLDER (M10, M11, M12, M13, M14, M15, M16, M17, M18)
91	C6476003	BAYONET FUSE HOLDER (M19, M20, M21, M22, M23, M24)
101	0161P00035	FILTER, RACK (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24)
121	0130M00182	SPDT RELAY (M1, M2, M3)
191	0130M00151	TRANSFORMER 277V to 24V, 40VA (M1, M2, M3, M9, M14, M18, M24)
261	0130P00104	ANTENNA (DIGITENNA) (M2, M7, M8, M12, M15, M17, M21, M23)
291	B1337701	PADDLE SWITCH (M1, M9, M14, M18, M24)
NS	A3410402	FUSE 15A (M1, M2, M3, M4, M5, M6, M7, M8, M9)
NS	A3410403	FUSE 20A (M10, M11, M12, M13, M14, M15, M16, M17, M18)
NS	A3410404	FUSE 25A (M19, M20, M21, M22, M23, M24)
NS	PCBCP140	PCB, CONTROL, D70 (M1, M9, M14, M18, M24)

Expanded Model Nomenclature

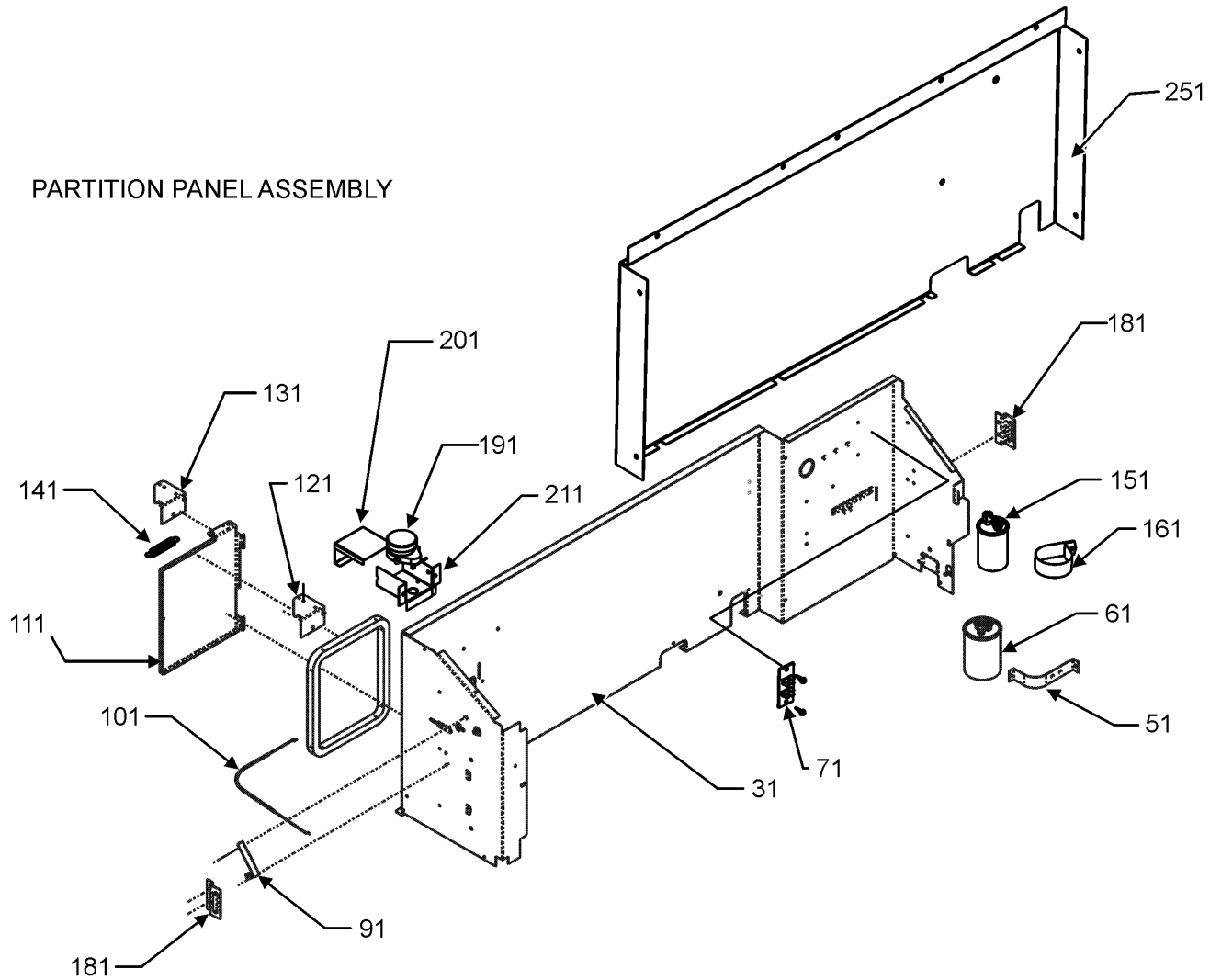
M1 - PTC124G00DHXXBA
M2 - PTC124G00HRXXBA
M3 - PTC124G00HXXXBA
M4 - PTC124G15AXXXBA
M5 - PTC124G25AXXXBA
M6 - PTC124G25CXXXBA
M7 - PTC124G25QRXXBA
M8 - PTC124G25RXXXBA
M9 - PTC124G25VXXXBA
M10 - PTC124G35AXXXBA
M11 - PTC124G35CQXXBA
M12 - PTC124G35CRXXBA
M13 - PTC124G35CXXXBA
M14 - PTC124G35DXXXBA
M15 - PTC124G35QRXXBA
M16 - PTC124G35QXXXBA
M17 - PTC124G35RXXXBA
M18 - PTC124G35VXXXBA
M19 - PTC124G50AXXXBA
M20 - PTC124G50CXXXBA
M21 - PTC124G50QRXXBA
M22 - PTC124G50QXXXBA
M23 - PTC124G50RXXXBA
M24 - PTC124G50VXXXBA

Outdoor Air System and Partition Panel

OUTDOOR AIR SYSTEM



PARTITION PANEL ASSEMBLY



Outdoor Air System and Partition Panel

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

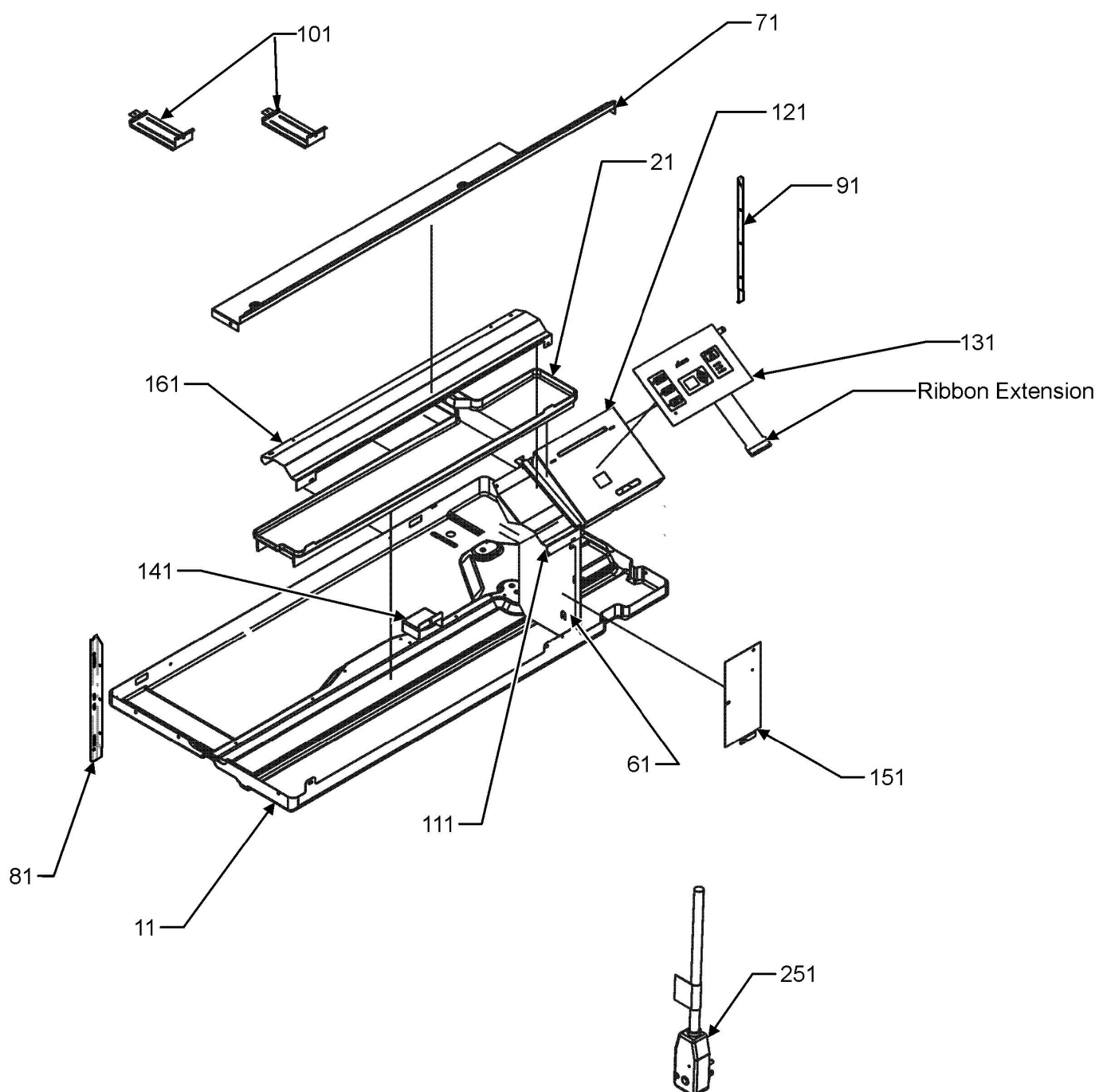
11	0161P00053	SHROUD, CONDENSER
21	0131P00034	FAN MOTOR, OUTDOOR
31	0121P00093NG	PANEL-PARTITION (M7, M11, M15, M16, M21, M22)
31	0121P00108NG	PANEL-PARTITION (M1, M2, M3, M4, M5, M6, M8, M9, M10, M12, M13, M14, M17, M18, M19, M20, M23, M24)
41	0161P00055	FAN, CONDENSER
51	C6300502	CAPACITOR STRAP
61	CAP020300450CS	CAPACITOR 2/30/450V/DUAL RD
71	802007090	TERMINAL BOARD
81	0130P00098	THERMISTOR - OUTDOOR AMBIENT (M2, M7, M8, M12, M15, M17, M21, M23)
91	11046302	LEVER ARM (M2, M3, M4, M5, M6, M8, M10, M12, M13, M17, M19, M20, M23)
101	0163P00019	CABLE (M2, M3, M4, M5, M6, M8, M10, M12, M13, M17, M19, M20, M23)
111	0121P00177NG	DOOR-VENT PTC (M1, M2, M3, M4, M5, M6, M8, M9, M10, M12, M13, M14, M17, M18, M19, M20, M23, M24)
121	0121P00079	BRACKET, VENT DOOR (M1, M9, M14, M18, M24)
131	0121P00072NG	BRACKET, VENT DOOR-C (M2, M3, M4, M5, M6, M8, M10, M12, M13, M17, M19, M20, M23)
131	0121P00180	BRKT, POWER VENT (M1, M9, M14, M18, M24)
141	11166401	EXTENSION SPRING (M1, M9, M14, M18, M24)
151	CAP010000500RP	CAPACITOR (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18)
151	CAP015000500RP	CAPACITOR (M19, M20, M21, M22, M23, M24)
161	0163P00029	CAPACITOR CLAMP
181	11191703	PARTITION PANEL BRACKET (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24)
191	0130P00137	POWER VENT MOTOR (M1, M9, M14, M18, M24)
201	11166201	POWER VENT COVER BRACKET (M1, M9, M14, M18, M24)
211	11166101	POWER VENT MOTOR BRACKET (M1, M9, M14, M18, M24)
251	0121P00091NG	PANEL-AUXILLIARY (M7, M11, M15, M16, M21, M22)

Expanded Model Nomenclature

M1 - PTC124G00DHXXBA
M2 - PTC124G00HRXXBA
M3 - PTC124G00HXXBA
M4 - PTC124G15AXXXBA
M5 - PTC124G25AXXXBA
M6 - PTC124G25CXXXBA
M7 - PTC124G25QRXXBA
M8 - PTC124G25RXXBA
M9 - PTC124G25VXXBA
M10 - PTC124G35AXXXBA
M11 - PTC124G35CQXXBA
M12 - PTC124G35CRXXBA
M13 - PTC124G35CXXXBA
M14 - PTC124G35DXXXBA
M15 - PTC124G35QRXXBA
M16 - PTC124G35QXXXBA
M17 - PTC124G35RXXBA
M18 - PTC124G35VXXBA
M19 - PTC124G50AXXXBA
M20 - PTC124G50CXXXBA
M21 - PTC124G50QRXXBA
M22 - PTC124G50QXXXBA
M23 - PTC124G50RXXBA
M24 - PTC124G50VXXBA

Base Pan Assembly

BASE PAN ASSEMBLY



Base Pan Assembly

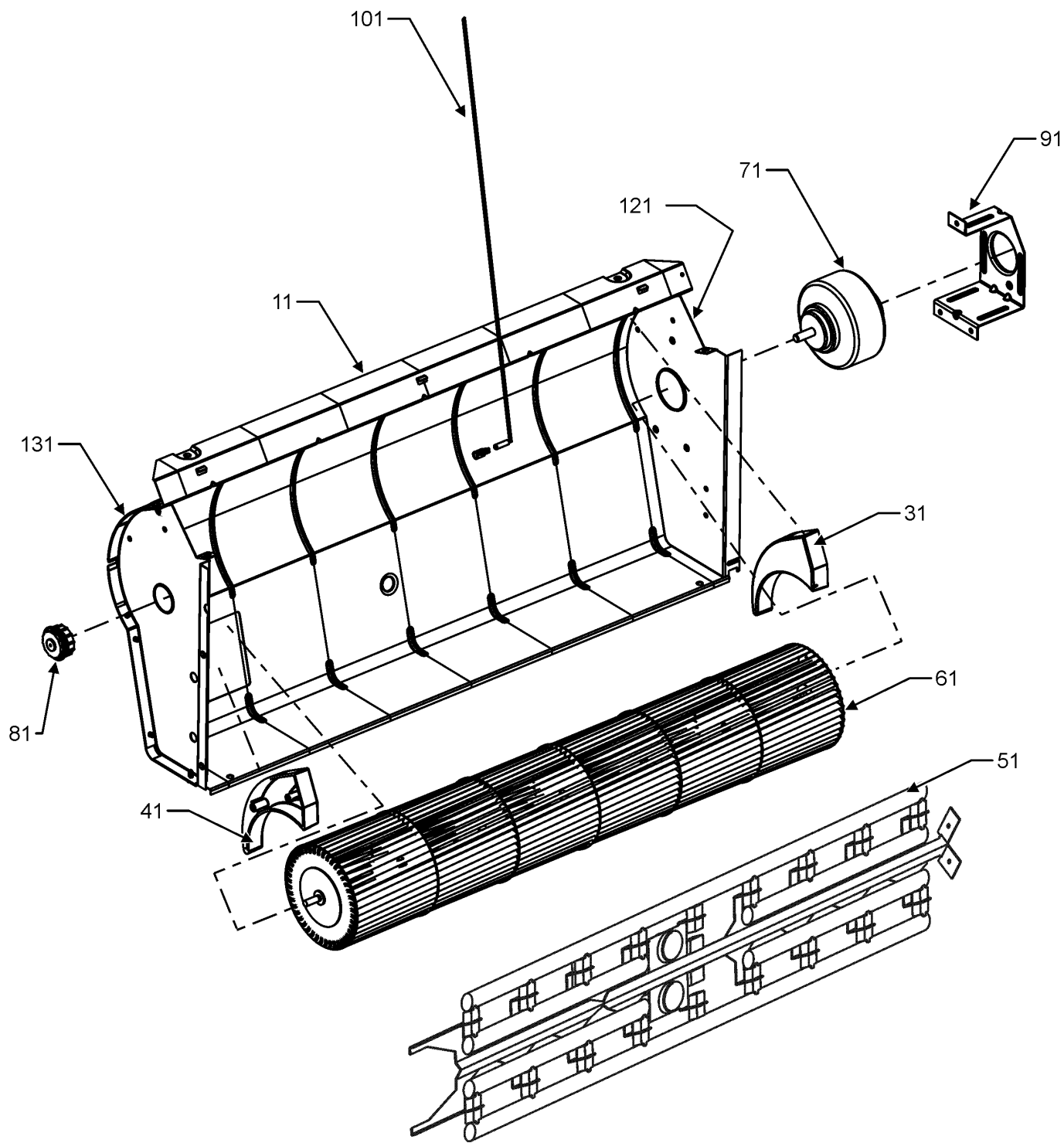
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0121P00175DG		BASE PAN (M1, M2, M3, M4, M5, M7, M8, M9, M10, M14, M15, M16, M17, M18, M19, M21, M22, M23, M24)
11	0121P00175NG		BASE PAN (M6, M11, M12, M13, M20)
21	0161P00044		PLASTIC-DRAIN PAN
61	20403301		MID PARTITION PANEL
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	0121P00129		COVER-CONTROL PANEL
131	RSKP0015		CONTROL PANEL COVER AND MEMBRANE
141	0161P00016		PLASTIC-HOOD (M1, M2, M3, M4, M5, M6, M8, M9, M10, M12, M13, M14, M17, M18, M19, M20, M23, M24)
151	20410801		ACCESS COVER
161	0121P00061DG		CUTOFF-SCROLL DG
251	0130P00128		CORD, 277V, 20A (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18)
251	0130P00129		CORD, 277V, 30A (M19, M20, M21, M22, M23, M24)
NS	0130P00109		MEMBRANE (CONTROL)

Expanded Model Nomenclature

M1 - PTC124G00DHXXBA
 M2 - PTC124G00HRXXBA
 M3 - PTC124G00HXXXBA
 M4 - PTC124G15AXXXBA
 M5 - PTC124G25AXXXBA
 M6 - PTC124G25CXXXBA
 M7 - PTC124G25QRXXBA
 M8 - PTC124G25RXXXBA
 M9 - PTC124G25VXXXBA
 M10 - PTC124G35AXXXBA
 M11 - PTC124G35CQXXBA
 M12 - PTC124G35CRXXBA
 M13 - PTC124G35CXXXBA
 M14 - PTC124G35DXXXBA
 M15 - PTC124G35QRXXBA
 M16 - PTC124G35QXXXBA
 M17 - PTC124G35RXXXBA
 M18 - PTC124G35VXXXBA
 M19 - PTC124G50AXXXBA
 M20 - PTC124G50CXXXBA
 M21 - PTC124G50QRXXBA
 M22 - PTC124G50QXXXBA
 M23 - PTC124G50RXXXBA
 M24 - PTC124G50VXXXBA

Indoor Blower Assembly

INDOOR BLOWER ASSEMBLY



Indoor Blower Assembly

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

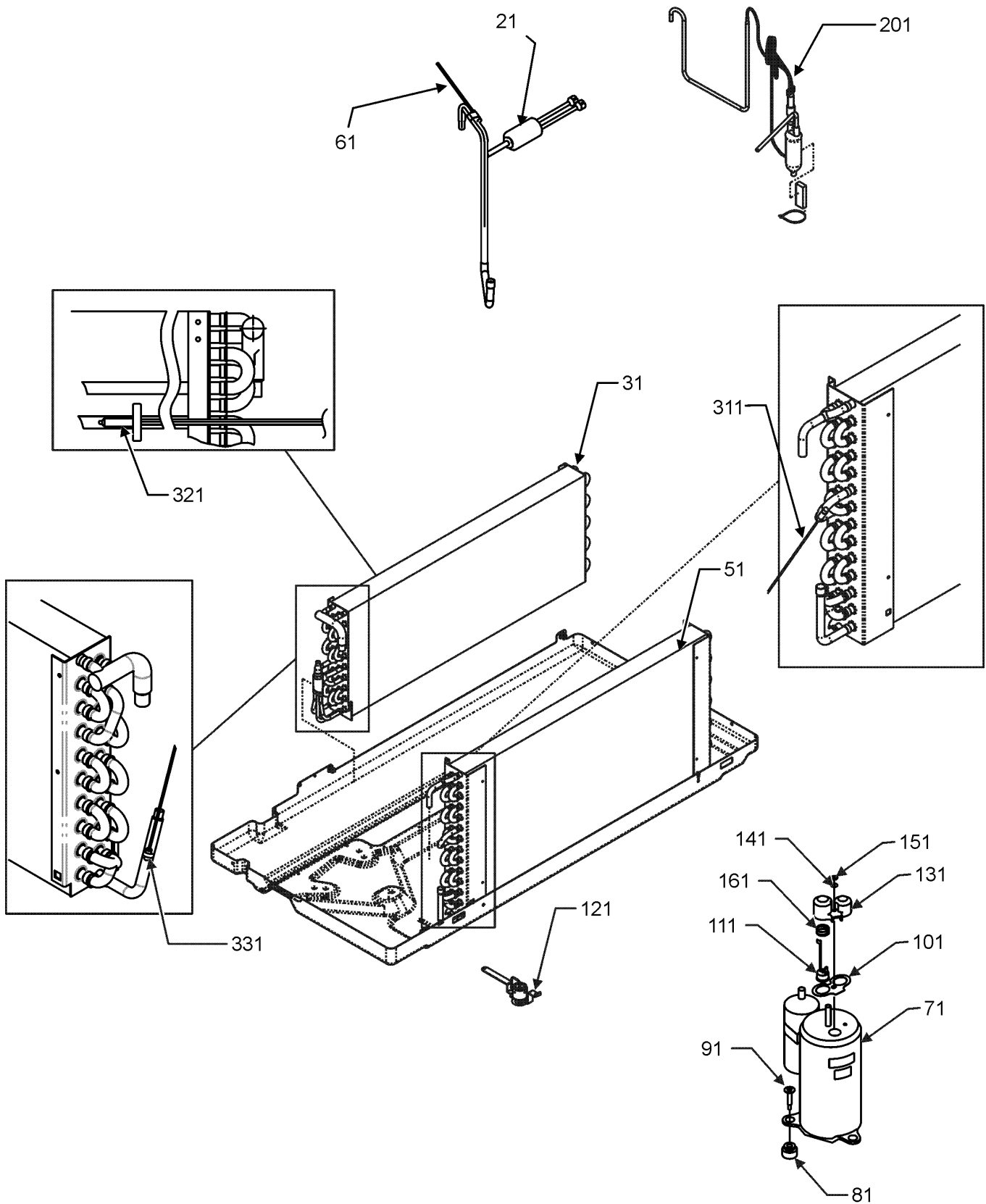
11	0121P00173DG	SCROLL
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00023	HEATER ASSY (M5, M6, M7, M8, M9)
51	0275P00040	HEATER ASSY (M10, M11, M12, M13, M14, M15, M16, M17, M18)
51	0275P00041	HEATER ASSY (M19, M20, M21, M22, M23, M24)
61	0150P00004	WHEEL, BLOWER
71	0131P00037	FAN MOTOR, INDOOR (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18)
71	0131P00038	FAN MOTOR, INDOOR (M19, M20, M21, M22, M23, M24)
81	0163P00027	BEARING
91	0121P00048	BRACKET-MOTOR MOUNT
101	0130P00134	THERMISTOR - DISCHARGE
121	0121P00059DG	ENDPLATE-RH SCROLL
131	0121P00088DG	ENDPLATE- LH SCROLL

Expanded Model Nomenclature

M1 - PTC124G00DHXXBA
 M2 - PTC124G00HRXXBA
 M3 - PTC124G00HXXXBA
 M4 - PTC124G15AXXXBA
 M5 - PTC124G25AXXXBA
 M6 - PTC124G25CXXXBA
 M7 - PTC124G25QRXXBA
 M8 - PTC124G25RXXXBA
 M9 - PTC124G25VXXXBA
 M10 - PTC124G35AXXXBA
 M11 - PTC124G35CQXXBA
 M12 - PTC124G35CRXXBA
 M13 - PTC124G35CXXXBA
 M14 - PTC124G35DXXXBA
 M15 - PTC124G35QRXXBA
 M16 - PTC124G35QXXXBA
 M17 - PTC124G35RXXXBA
 M18 - PTC124G35VXXXBA
 M19 - PTC124G50AXXXBA
 M20 - PTC124G50CXXXBA
 M21 - PTC124G50QRXXBA
 M22 - PTC124G50QXXXBA
 M23 - PTC124G50RXXXBA
 M24 - PTC124G50VXXXBA

Refrigerate Tubing Assembly

REFRIGERATE TUBING ASSEMBLY



Refrigerate Tubing Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
21	0130M00169		SWITCH, HIGH PRESS
31	0202P00067		EVAP ASSY, 3/8, 2 ROW
51	0201P00094		5 MM CONDENSER COIL ASSY (M1, M2, M3, M4, M5, M7, M8, M9, M10, M14, M15, M16, M17, M18, M19, M21, M22, M23, M24)
51	0202P00072NG		CONDENSER ASSY PNT (M6, M11, M12, M13, M20)
61	0130P00077		THERMISTOR - INDOOR (M2, M7, M8, M12, M15, M17, M21, M23)
71	44A287A		COMPRESSOR, RECHI
81	60130203		GROMMET - RECHI COMPRESSOR (QTY 3)
91	0163M00079		SHOULDER SCREW (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 (M2, M7, M8, M12, M15, M17, M21, M23)
321	0130P00073		THERMISTOR
331	0130P00084		THERMISTOR - INDOOR COIL

Expanded Model Nomenclature

M1 - PTC124G00DHXXBA
 M2 - PTC124G00HRXXBA
 M3 - PTC124G00HXXXBA
 M4 - PTC124G15AXXXBA
 M5 - PTC124G25AXXXBA
 M6 - PTC124G25CXXXBA
 M7 - PTC124G25QRXXBA
 M8 - PTC124G25RXXXBA
 M9 - PTC124G25VXXXBA
 M10 - PTC124G35AXXXBA
 M11 - PTC124G35CQXXBA
 M12 - PTC124G35CRXXBA
 M13 - PTC124G35CXXXBA
 M14 - PTC124G35DXXXBA
 M15 - PTC124G35QRXXBA
 M16 - PTC124G35QXXXBA
 M17 - PTC124G35RXXXBA
 M18 - PTC124G35VXXXBA
 M19 - PTC124G50AXXXBA
 M20 - PTC124G50CXXXBA
 M21 - PTC124G50QRXXBA
 M22 - PTC124G50QXXXBA
 M23 - PTC124G50RXXXBA
 M24 - PTC124G50VXXXBA