

PTH094G Package Terminal Heat Pump

PTH094G15AXXXCA
PTH094G15QXXXCA
PTH094G25AXXXCA
PTH094G25CXXXCA
PTH094G25DRXXCA
PTH094G25DXXXCA
PTH094G25LRXXCA
PTH094G25QXXXCA
PTH094G25RXXXCA
PTH094G35AXXXCA
PTH094G35CXXXCA
PTH094G35DXXXCA
PTH094G35LRVXCA
PTH094G35QRXXCA
PTH094G35QXXXCA
PTH094G35RXXXCA
PTH094G35VXXXCA
PTH094G50AXXXCA
PTH094G50CXXXCA
PTH094G50RXXXCA



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This manual is to be used by qualified technicians only.

This manual replaces RP-A5003F.

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Important Information

Index

Functional Parts List	3
Illustration and Parts	4 - 13

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

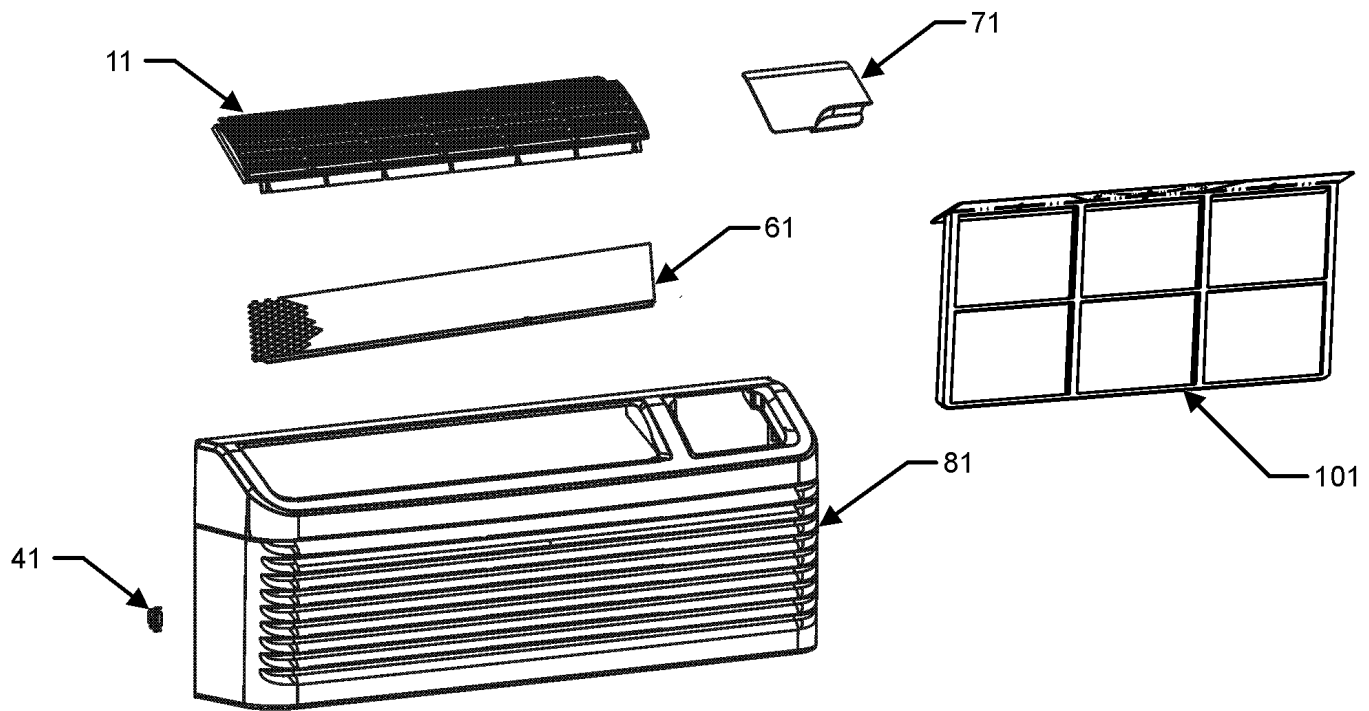
Part

No: Description:

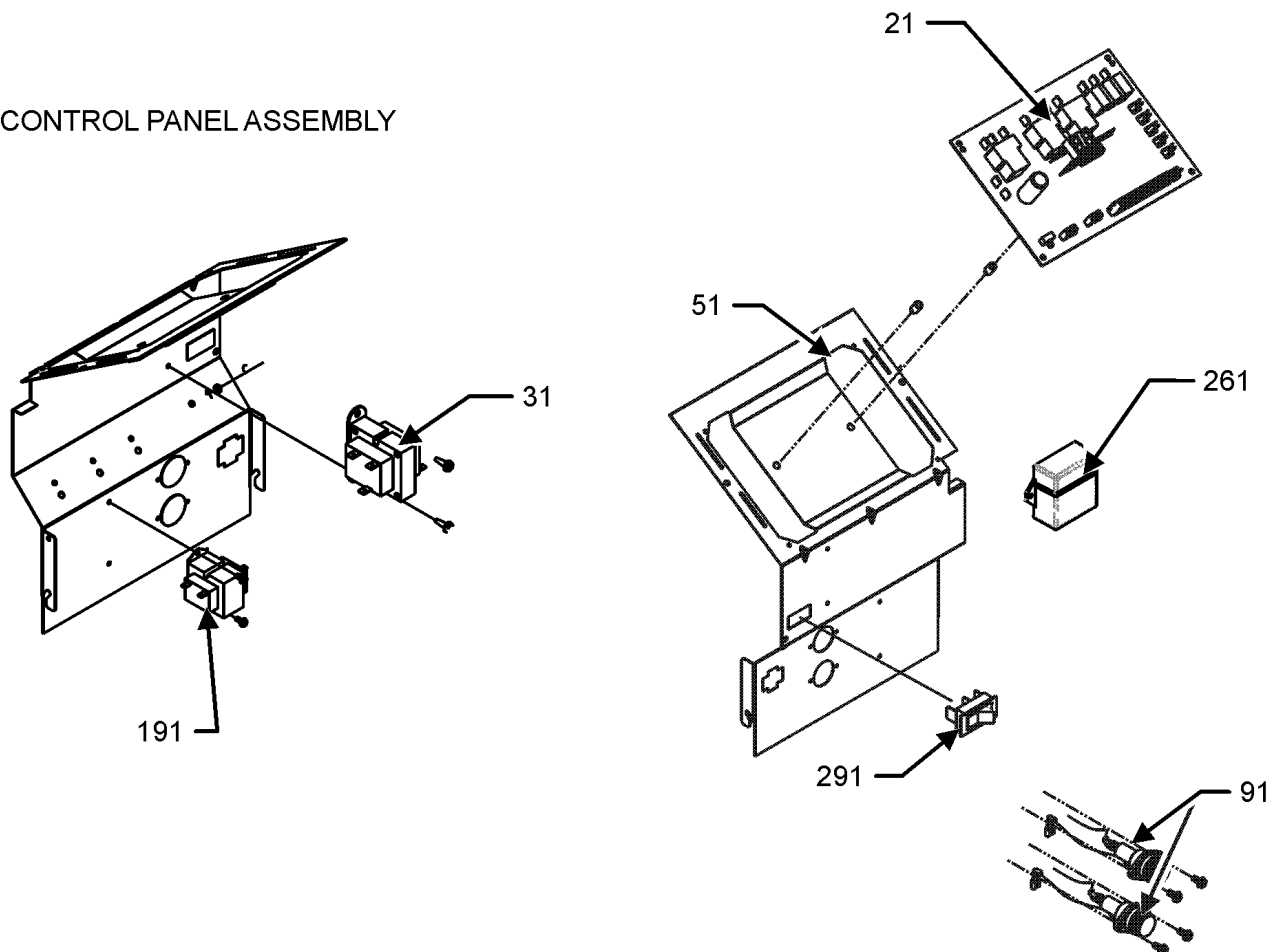
		Expanded Model Nomenclature
20406303	BASE PAN VALVE	M1 - PTH094G15AXXXCA
CAP010000500RP	CAPACITOR (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)	M2 - PTH094G15QXXXCA
CAP015000500RP	CAPACITOR (M18, M19, M20)	M3 - PTH094G25AXXXCA
CAP020250450CS	CAPACITOR 2/25/450V/DUAL RD	M4 - PTH094G25CXXXCA
44A207AK&AEKD	COMPRESSOR, RECHI	M5 - PTH094G25DRXXCA
RSKP0012	CONTROL BOARD M70	M6 - PTH094G25DXXXCA
RSKP0015	CONTROL PANEL COVER AND MEMBRANE	M7 - PTH094G25LRXXCA
0130P00128	CORD, 277V, 20A (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)	M8 - PTH094G25QXXXCA
0130P00129	CORD, 277V, 30A (M18, M19, M20)	M9 - PTH094G25RXXXCA
0131P00038	FAN MOTOR, INDOOR (M18, M19, M20)	M10 - PTH094G35AXXXCA
0131P00037	FAN MOTOR, INDOOR (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)	M11 - PTH094G35CXXXCA
0131P00034	FAN MOTOR, OUTDOOR	M12 - PTH094G35DXXXCA
0161P00055	FAN, CONDENSER	M13 - PTH094G35LRVXCA
A3410402	FUSE 15A (M1, M2, M3, M4, M5, M6, M7, M8, M9)	M14 - PTH094G35QRXXCA
A3410403	FUSE 20A (M10, M11, M12, M13, M14, M15, M16, M17)	M15 - PTH094G35QXXXCA
A3410404	FUSE 25A (M18, M19, M20)	M16 - PTH094G35RXXXCA
0275P00041	HEATER ASSY (M18, M19, M20)	M17 - PTH094G35VXXXCA
0275P00040	HEATER ASSY (M10, M11, M12, M13, M14, M15, M16, M17)	M18 - PTH094G50AXXXCA
0275P00026	HEATER ASSY (M1, M2)	M19 - PTH094G50CXXXCA
0275P00023	HEATER ASSY (M3, M4, M5, M6, M7, M8, M9)	M20 - PTH094G50RXXXCA
0130P00133	HUMIDITY SENSOR (M5, M6, M12, M13, M17)	
60343516	OVERLOAD PROTECTOR	
PCBCP147	PCB, CONTROL, D70 (M5, M6, M7, M12, M13, M17)	
0130P00137	POWER VENT MOTOR (M5, M6, M12, M13, M17)	
0151P00005	PTAC REVERSING VALVE ASSY	
0130P00022	REVERSING VALVE COIL	
0130M00169	SWITCH, HIGH PRESS	
802007090	TERMINAL BOARD	
0130P00142	THERMISTOR	
0130P00144	THERMISTOR	
0130P00130	THERMISTOR	
0130P00134	THERMISTOR - DISCHARGE	
0130P00077	THERMISTOR - INDOOR (M5, M7, M9, M13, M14, M16, M20)	
0130P00098	THERMISTOR - OUTDOOR AMBIENT (M5, M7, M9, M13, M14, M16, M20)	
0130M00342	TRANSFORMER 20VA 265V (M1, M2, M3, M4, M5, M6, M8, M9, M10, M11, M12, M14, M15, M16, M17, M18, M19, M20)	
0130M00151	TRANSFORMER 277V to 24V, 40VA (M5, M6, M7, M12, M13, M17)	
0150P00004	WHEEL, BLOWER	

Front Assembly / Control Panel Assembly

FRONT PANEL ASSEMBLY



CONTROL PANEL ASSEMBLY



Front Assembly / Control Panel Assembly

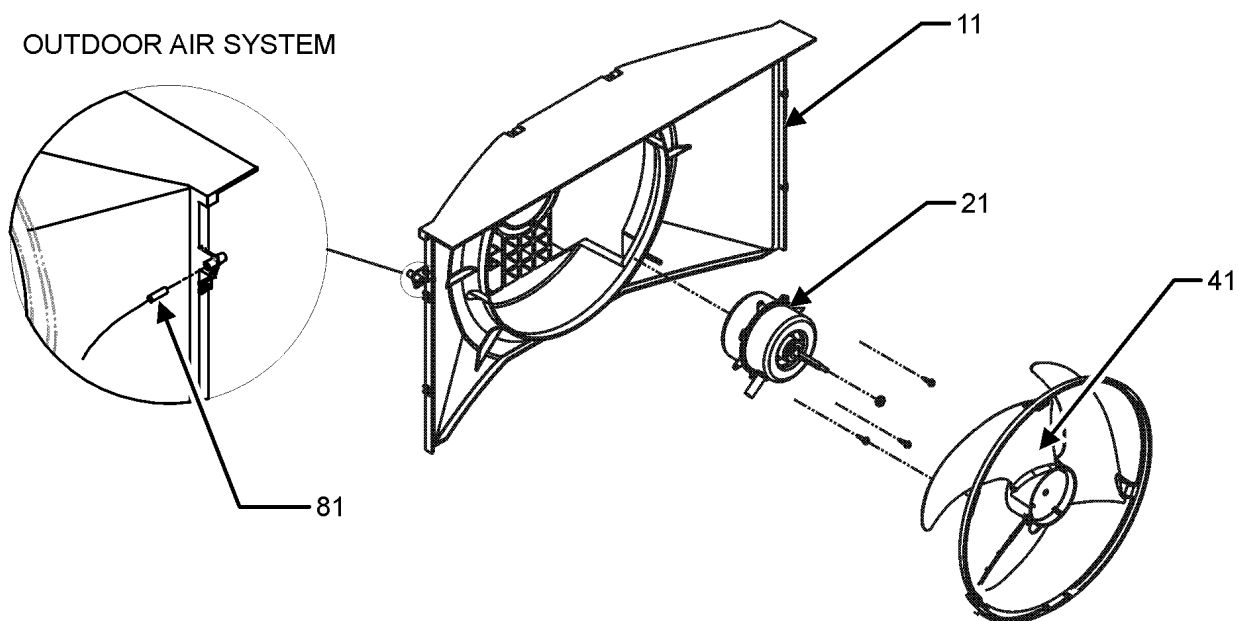
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0161P00048		FRONT, LOUVERS DISCHARGE
21	RSKP0012		CONTROL BOARD M70
31	0130M00342		TRANSFORMER 20VA 265V (M1, M2, M3, M4, M5, M6, M8, M9, M10, M11, M12, M14, M15, M16, M17, M18, M19, M20)
41	0163P00025		CLIP (QTY 2)
51	0121P00130		PANEL, CONTROL
61	0121P00194BL		SCREEN, DISCHARGE, PAINTED
71	0261P00003		DOOR ASSY -AMANA-
81	0261P00011		FRONT ASSY
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)
91	C6476003		BAYONET FUSE HOLDER (M18, M19, M20)
101	0161P00035		FILTER, RACK (QTY 2)
191	0130M00151		TRANSFORMER 277V to 24V, 40VA (M5, M6, M7, M12, M13, M17)
261	0130P00104		ANTENNA (DIGITENNA) (M5, M7, M9, M13, M14, M16, M20)
291	B1337701		PADDLE SWITCH (M5, M6, M12, M13, M17)
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)
NS	A3410404		FUSE 25A (M18, M19, M20)
NS	PCBCP147		PCB, CONTROL, D70 (M5, M6, M7, M12, M13, M17)

Expanded Model Nomenclature

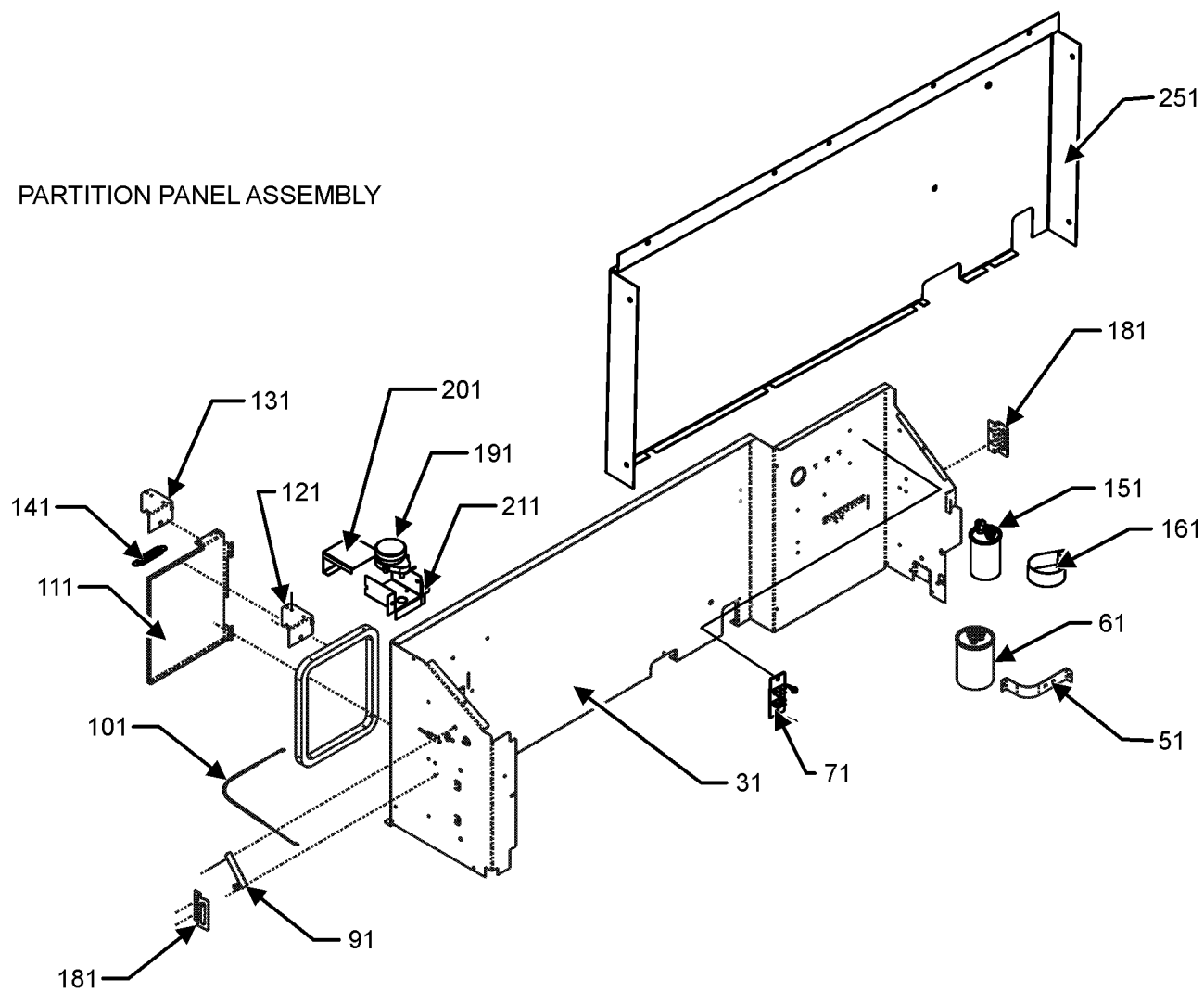
M1 - PTH094G15AXXXCA
 M2 - PTH094G15QXXXCA
 M3 - PTH094G25AXXXCA
 M4 - PTH094G25CXXXCA
 M5 - PTH094G25DRXXCA
 M6 - PTH094G25DXXXCA
 M7 - PTH094G25LRXXCA
 M8 - PTH094G25QXXXCA
 M9 - PTH094G25RXXXCA
 M10 - PTH094G35AXXXCA
 M11 - PTH094G35CXXXCA
 M12 - PTH094G35DXXXCA
 M13 - PTH094G35LRVXCA
 M14 - PTH094G35QRXXCA
 M15 - PTH094G35QXXXCA
 M16 - PTH094G35RXXXCA
 M17 - PTH094G35VXXXCA
 M18 - PTH094G50AXXXCA
 M19 - PTH094G50CXXXCA
 M20 - PTH094G50RXXXCA

Outdoor Air System / Partition Panel

OUTDOOR AIR SYSTEM



PARTITION PANEL ASSEMBLY



Outdoor Air System / Partition Panel

Ref. Part

No: No: Description:

Image 1:

11	0161P00053	SHROUD, CONDENSER
21	0131P00034	FAN MOTOR, OUTDOOR
31	0121P00093	PANEL-PARTITION (M2, M8, M14, M15)
31	0121P00108NG	PANEL-PARTITION (M1, M3, M4, M5, M6, M7, M9, M10, M11, M12, M13, M16, M17, M18, M19, M20)
41	0161P00055	FAN, CONDENSER
51	C6300502	CAPACITOR STRAP
61	CAP020250450CS	CAPACITOR 2/25/450V/DUAL RD
71	802007090	TERMINAL BOARD
81	0130P00098	THERMISTOR - OUTDOOR AMBIENT (M5, M7, M9, M13, M14, M16, M20)
91	11046302	LEVER ARM (M1, M3, M4, M7, M9, M10, M11, M16, M18, M19, M20)
101	0163P00019	CABLE (M1, M3, M4, M7, M9, M10, M11, M16, M18, M19, M20)
111	0121P00177NG	DOOR-VENT PTC (M1, M3, M4, M5, M6, M7, M9, M10, M11, M12, M13, M16, M17, M18, M19, M20)
121	0121P00079	BRACKET, VENT DOOR (M5, M6, M12, M13, M17)
121	0121P00079	BRACKET, VENT DOOR (M5, M6, M12, M13, M17)
131	0121P00072NG	BRACKET, VENT DOOR-C (M1, M3, M4, M7, M9, M10, M11, M16, M18, M19, M20)
131	0121P00180	BRKT, POWER VENT (M5, M6, M12, M13, M17)
141	11166401	EXTENSION SPRING (M5, M6, M12, M13, M17)
151	CAP010000500RP	CAPACITOR (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)
151	CAP015000500RP	CAPACITOR (M18, M19, M20)
161	0163P00029	CAPACITOR CLAMP
181	11191703	PARTITION PANEL BRACKET (QTY 2)
191	0130P00137	POWER VENT MOTOR (M5, M6, M12, M13, M17)
201	11166201	POWER VENT COVER BRACKET (M5, M6, M12, M13, M17)
211	11166101	POWER VENT MOTOR BRACKET (M5, M6, M12, M13, M17)
251	0121P00091	PANEL-AUXILIARY (M2, M8, M14, M15)
NS	0130P00133	HUMIDITY SENSOR (M5, M6, M12, M13, M17)
NS	0259P00016	WIRE HARNESS (M13)

Ref. Part

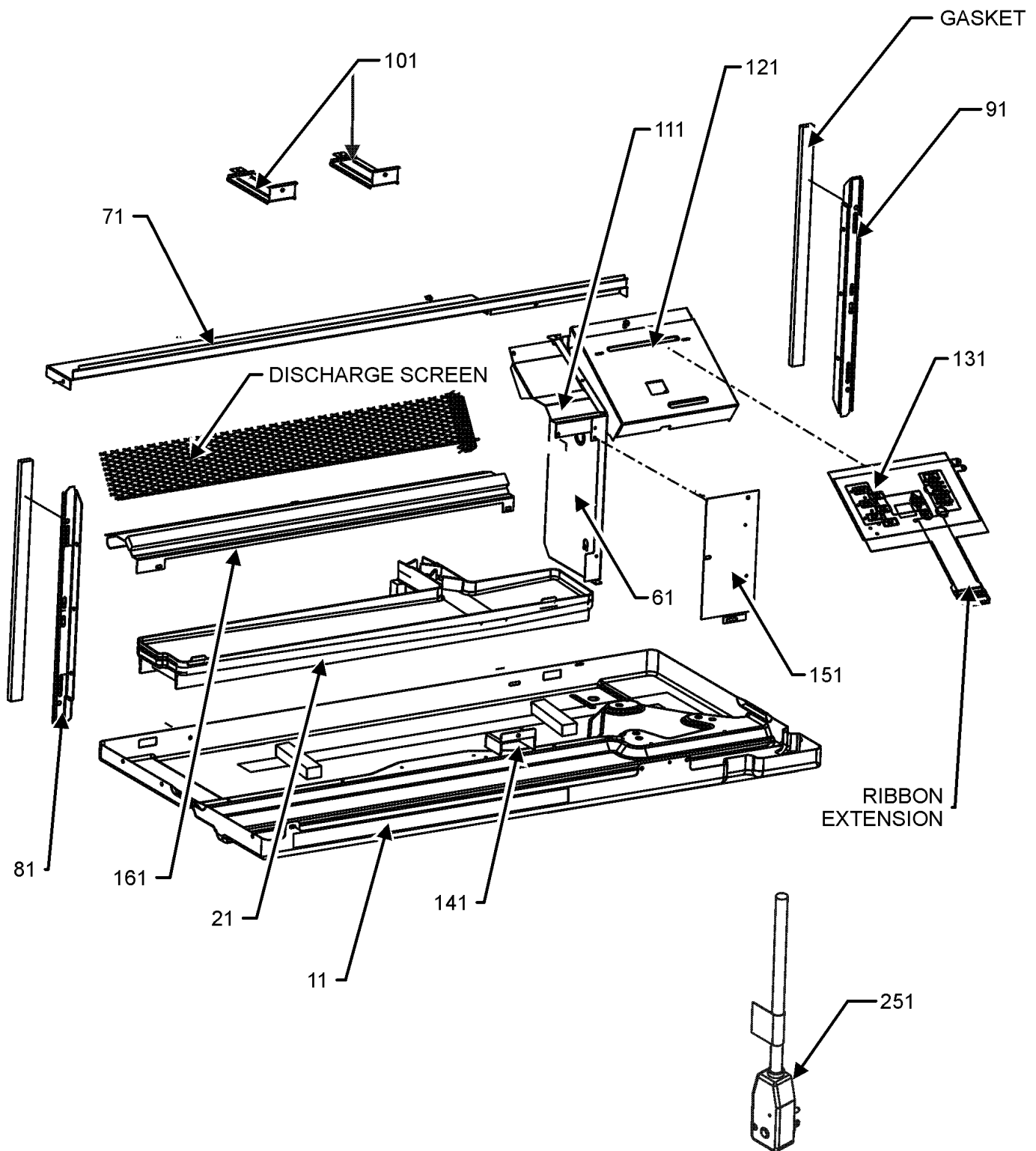
No: No: Description:

Expanded Model Nomenclature

M1 - PTH094G15AXXXCA
M2 - PTH094G15QXXXCA
M3 - PTH094G25AXXXCA
M4 - PTH094G25CXXXCA
M5 - PTH094G25DRXXCA
M6 - PTH094G25DXXXCA
M7 - PTH094G25LRXXCA
M8 - PTH094G25QXXXCA
M9 - PTH094G25RXXXCA
M10 - PTH094G35AXXXCA
M11 - PTH094G35CXXXCA
M12 - PTH094G35DXXXCA
M13 - PTH094G35LRVXCA
M14 - PTH094G35QRXXCA
M15 - PTH094G35QXXXCA
M16 - PTH094G35RXXXCA
M17 - PTH094G35VXXXCA
M18 - PTH094G50AXXXCA
M19 - PTH094G50CXXXCA
M20 - PTH094G50RXXXCA

Base Pan Assembly

BASE PAN ASSEMBLY



Base Pan Assembly

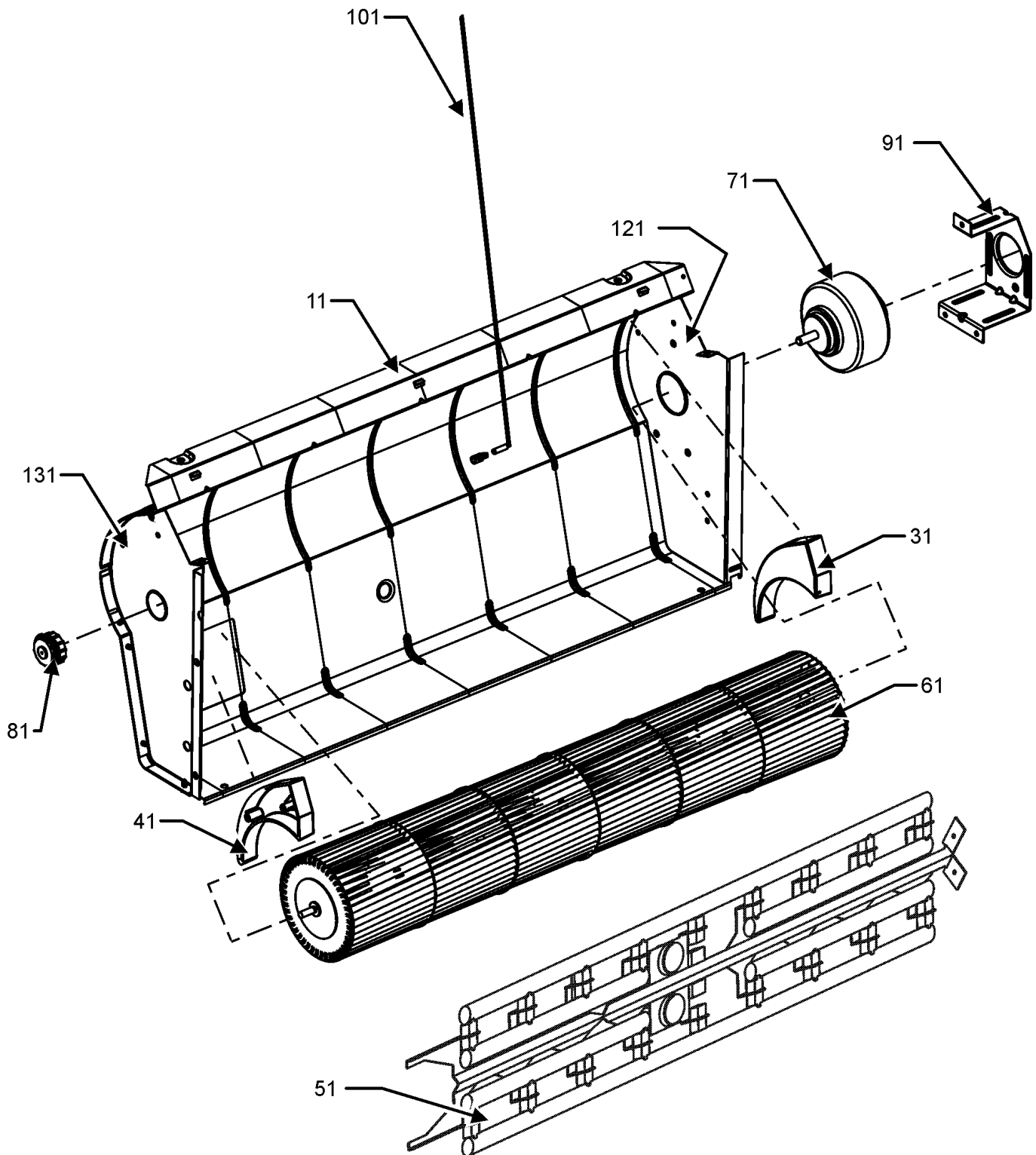
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0121P00175DG		BASE PAN (M1, M2, M3, M5, M6, M7, M8, M9, M10, M12, M13, M14, M15, M16, M17, M18, M20)
11	0121P00175NG		BASE PAN (M4, M11, M19)
21	0161P00044		PLASTIC-DRAIN PAN
61	20403301		MID PARTITION PANEL
71	0121P00063NG		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, M3, M4, M5, M6, M7, M9, M10, M11, M12, M13, M16, M17, M18, M19, M20)
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)
251	0130P00129		CORD, 277V, 30A (M18, M19, M20)
NS	0130P00109		MEMBRANE (CONTROL)

Expanded Model Nomenclature

M1 - PTH094G15AXXXCA
 M2 - PTH094G15QXXXCA
 M3 - PTH094G25AXXXCA
 M4 - PTH094G25CXXXCA
 M5 - PTH094G25DRXXCA
 M6 - PTH094G25DXXXCA
 M7 - PTH094G25LRXXCA
 M8 - PTH094G25QXXXCA
 M9 - PTH094G25RXXXCA
 M10 - PTH094G35AXXXCA
 M11 - PTH094G35CXXXCA
 M12 - PTH094G35DXXXCA
 M13 - PTH094G35LRVXCA
 M14 - PTH094G35QRXXCA
 M15 - PTH094G35QXXXCA
 M16 - PTH094G35RXXXCA
 M17 - PTH094G35VXXXCA
 M18 - PTH094G50AXXXCA
 M19 - PTH094G50CXXXCA
 M20 - PTH094G50RXXXCA

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:

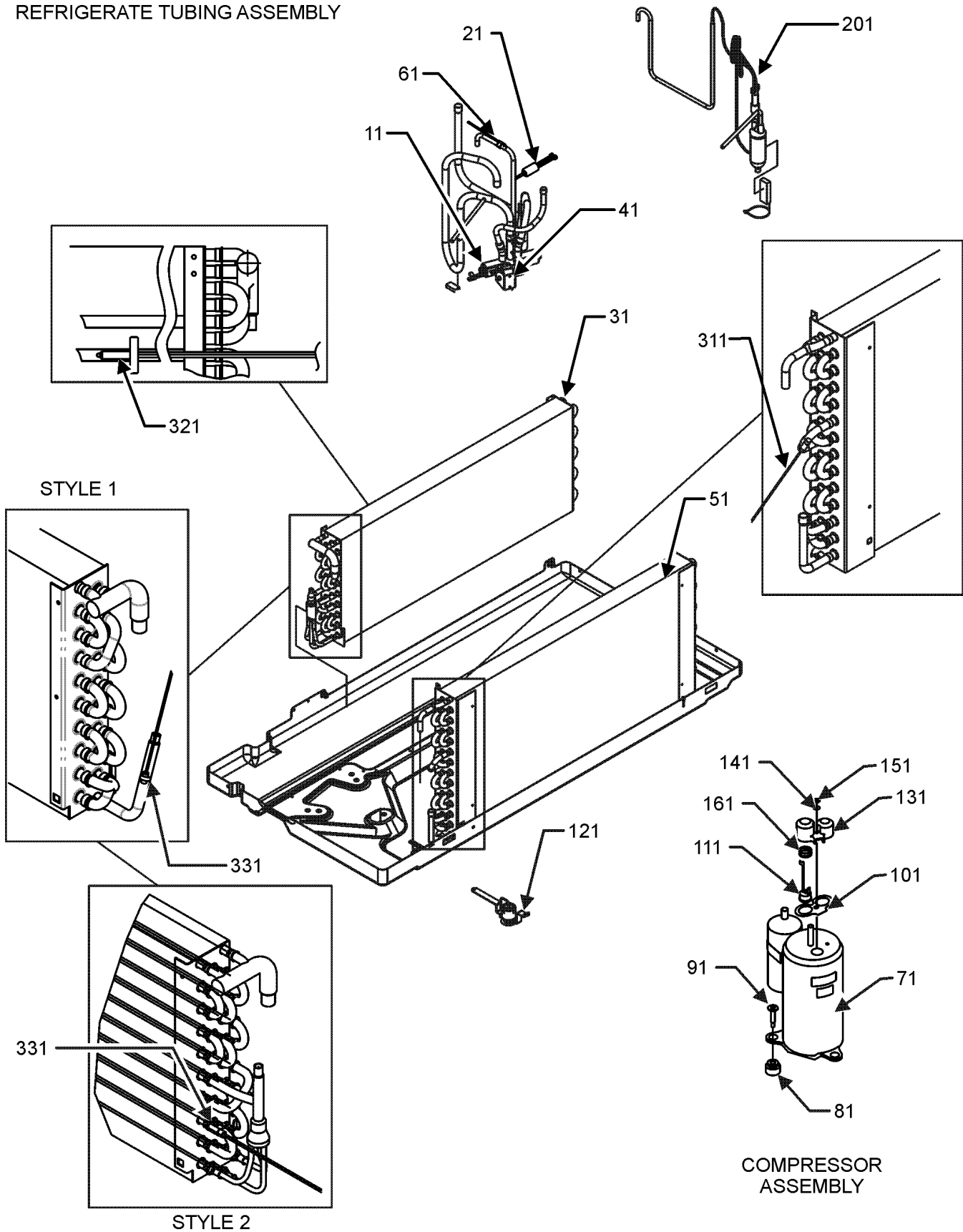
11	0121P00173DG	SCROLL
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00023	HEATER ASSY (M3, M4, M5, M6, M7, M8, M9)
51	0275P00026	HEATER ASSY (M1, M2)
51	0275P00040	HEATER ASSY (M10, M11, M12, M13, M14, M15, M16, M17)
51	0275P00041	HEATER ASSY (M18, M19, M20)
61	0150P00004	WHEEL, BLOWER
71	0131P00037	FAN MOTOR, INDOOR (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)
71	0131P00038	FAN MOTOR, INDOOR (M18, M19, M20)
81	0163P00027	BEARING
91	0121P00048	BRACKET-MOTOR MOUNT
101	0130P00134	THERMISTOR - DISCHARGE
121	0121P00059DG	ENDPLATE-RH SCROLL
131	0121P00215DG	ENDPLATE-LH SCROLL, PNT

Expanded Model Nomenclature

M1 - PTH094G15AXXXCA
 M2 - PTH094G15QXXXCA
 M3 - PTH094G25AXXXCA
 M4 - PTH094G25CXXXCA
 M5 - PTH094G25DRXXCA
 M6 - PTH094G25DXXXCA
 M7 - PTH094G25LRXXCA
 M8 - PTH094G25QXXXCA
 M9 - PTH094G25RXXXCA
 M10 - PTH094G35AXXXCA
 M11 - PTH094G35CXXXCA
 M12 - PTH094G35DXXXCA
 M13 - PTH094G35LRVXCA
 M14 - PTH094G35QRXXCA
 M15 - PTH094G35QXXXCA
 M16 - PTH094G35RXXXCA
 M17 - PTH094G35VXXXCA
 M18 - PTH094G50AXXXCA
 M19 - PTH094G50CXXXCA
 M20 - PTH094G50RXXXCA

Refrigerant Tubing Assembly

REFRIGERATE TUBING ASSEMBLY



Refrigerant Tubing Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0151P00005	PTAC REVERSING VALVE ASSY	
21	0130M00169	SWITCH, HIGH PRESS	
31	0202P00065	EVAP ASSY, 5/16, 3 ROW	
41	0130P00022	REVERSING VALVE COIL	
51	0201P00098	7 MM CONDENSER ASSEMBLY (M1, M2, M3, M5, M6, M7, M8, M9, M10, M12, M13, M14, M15, M16, M17, M18, M20)	
51	0201P00104NG	7 MM CONDENSER ASSEMBLY (M4, M11, M19)	
61	0130P00077	THERMISTOR - INDOOR (M5, M7, M9, M13, M14, M16, M20)	
71	44A207AK&AEKD	COMPRESSOR, RECHI	
81	60130203	GROMMET - RECHI COMPRESSOR (QTY 3)	
91	M0227803	SCREW-TC (QTY 3)	
101	60100103	TERMINAL GASKET	
111	60343516	OVERLOAD PROTECTOR	
121	20406303	BASE PAN VALVE	
131	60100314	TERMINAL COVER - RECHI COMP	
141	60100201	WASHER - RECHI COMPRESSOR	
151	60100401	TERMINAL NUT - RECHI COMP	
161	60500101	OLP SPRING - RECHI COMPRESSOR	
201	0210P00271	CAPILLARY TUBE WELD	
311	0130P00130	THERMISTOR	
321	0130P00142	THERMISTOR	
331	0130P00144	THERMISTOR	
NS	BT1392310	PLASTIC CLAMP, .1875 DIA (M5, M6, M12, M13, M17)	

Expanded Model Nomenclature

M1 - PTH094G15AXXXCA
 M2 - PTH094G15QXXXCA
 M3 - PTH094G25AXXXCA
 M4 - PTH094G25CXXXCA
 M5 - PTH094G25DRXXCA
 M6 - PTH094G25DXXXCA
 M7 - PTH094G25LRXXCA
 M8 - PTH094G25QXXXCA
 M9 - PTH094G25RXXXCA
 M10 - PTH094G35AXXXCA
 M11 - PTH094G35CXXXCA
 M12 - PTH094G35DXXXCA
 M13 - PTH094G35LRVXCA
 M14 - PTH094G35QRXXCA
 M15 - PTH094G35QXXXCA
 M16 - PTH094G35RXXXCA
 M17 - PTH094G35VXXXCA
 M18 - PTH094G50AXXXCA
 M19 - PTH094G50CXXXCA
 M20 - PTH094G50RXXXCA