

PTH093G Package Terminal Heat Pump

PTH093G15AXXXGA
PTH093G15DXXXGA
PTH093G25AXXXGA
PTH093G25CQXXGA
PTH093G25CXXXGA
PTH093G25DRXXGA
PTH093G25DXXXGA
PTH093G25PXXXGA
PTH093G25QRXXGA
PTH093G25QXXXGA
PTH093G25RXXXGA
PTH093G25VWXXGA
PTH093G25VXXXGA
PTH093G35AXXXGA
PTH093G35CQRXGA
PTH093G35CQXXGA
PTH093G35CRXXGA
PTH093G35CXXXGA
PTH093G35DRXXGA
PTH093G35DXXXGA
PTH093G35LRXXGA
PTH093G35MXXXGA
PTH093G35PXXXGA
PTH093G35QRXXGA
PTH093G35QXXXGA
PTH093G35RVXXGA
PTH093G35RXXXGA
PTH093G35VXXXGA
PTH093G35WXXXGA
PTH093G50AXXXGA



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This manual is to be used by qualified technicians only.

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

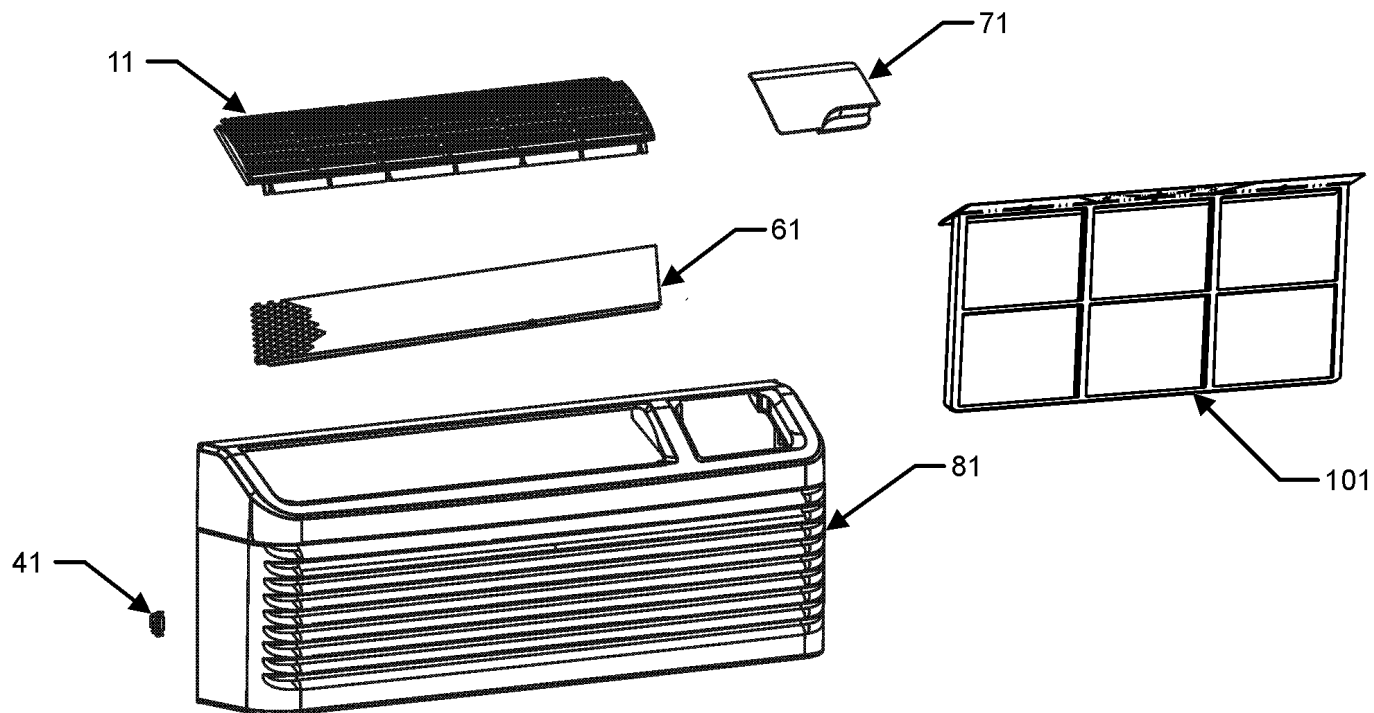
Part

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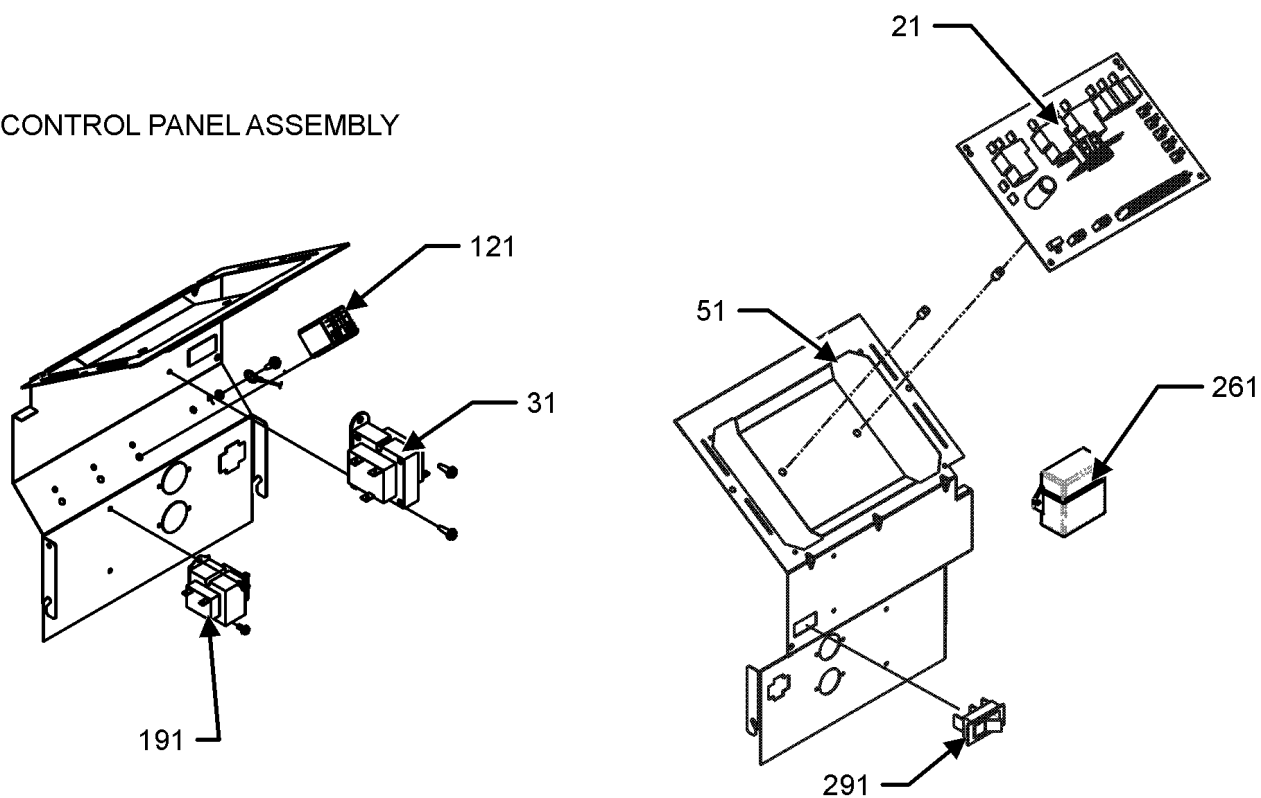
		Expanded Model Nomenclature
20406303	BASE PAN VALVE (M1, M2, M3, M4, M5, M6, M7, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M23, M24, M25, M26, M27, M28, M29)	M1 - PTH093G15AXXXGA M2 - PTH093G15DXXXGA M3 - PTH093G25AXXXGA M4 - PTH093G25CQXXGA M5 - PTH093G25CXXXGA M6 - PTH093G25DRXXGA M7 - PTH093G25DXXXGA M8 - PTH093G25PXXXGA M9 - PTH093G25QRXXGA M10 - PTH093G25QXXXGA M11 - PTH093G25RXXXGA M12 - PTH093G25VWXXGA M13 - PTH093G25VXXXGA M14 - PTH093G35AXXXGA M15 - PTH093G35CQRXGA M16 - PTH093G35CQXXGA M17 - PTH093G35CRXXGA M18 - PTH093G35CXXXGA M19 - PTH093G35DRXXGA M20 - PTH093G35DXXXGA M21 - PTH093G35LRXXGA M22 - PTH093G35PXXXGA M23 - PTH093G35QRXXGA M24 - PTH093G35QXXXGA M25 - PTH093G35RVXXGA M26 - PTH093G35RXXXGA M27 - PTH093G35VXXXGA M28 - PTH093G35WXXXGA M29 - PTH093G50AXXXGA
CAP020250450CS	CAP, 2/25 MFD/450V/DUAL RD	
CAP020000440RP	CAPACITOR 2/440V	
39B202AD&0JKZ	COMPRESSOR, RECHI	
0163P00023	CONDENSATE PUMP (M8, M22)	
0121P00077	CONDENSATE PUMP BRACKET (M8, M22)	
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, M13)	
0130P00115	CORD,250VAC,20A (LCD) (M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)	
0130P00118	CORD,250VAC,30A (LCD) (M29)	
0131P00055	FAN MOTOR, INDOOR (M29)	
0131P00054	FAN MOTOR, INDOOR (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)	
0131P00033	FAN MOTOR, OUTDOOR	
0161P00055	FAN, CONDENSER	
0275P00039	HEATER ASSY (M29)	
0275P00038	HEATER ASSY (M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)	
0275P00022	HEATER ASSY (M1, M2)	
0275P00019	HEATER ASSY (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)	
0130P00133	HUMIDITY SENSOR (M2, M6, M7, M12, M13, M19, M20, M25, M27)	
60343638	OVERLOAD PROTECTOR-RECHI	
PCBCP147	PCB, CONTROL, D70 (M2, M6, M7, M8, M12, M13, M19, M20, M21, M22, M25, M27)	
0130P00137	POWER VENT MOTOR (M2, M6, M7, M12, M13, M19, M20, M25, M27)	
0151P00013	PTAC Reversing Valve Assy	
0130P00022	REVERSING VALVE COIL	
0130M00179	SPDT RELAY (M8, M22)	
0130M00169	SWITCH, HIGH PRESS	
802007090	TERMINAL BOARD	
0130P00164	THERMISTOR IAT BLACK	
0130P00159	THERMISTOR ICT RED	
0130P00134	THERMISTOR IDT YELLOW	
0130P00077	THERMISTOR IHD ORANGE (M6, M9, M11, M15, M17, M19, M21, M23, M25, M26)	
0130P00098	THERMISTOR OAT GREEN (M2, M6, M7, M8, M9, M11, M12, M13, M15, M17, M19, M20, M21, M22, M23, M25, M26, M27)	
0130P00130	THERMISTOR OCT BLUE	
0130M00600	TRANS, 40VA, 240V/208V TO 120V (M8, M22)	
0130M00599	TRANSFMR,40VA,240V/208V TO 24V (M2, M6, M7, M8, M12, M13, M19, M20, M21, M22, M25, M27)	
0130M00341	TRANSFORMER 20VA 230V (M1, M2, M3, M4, M5, M6, M7, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M23, M24, M25, M26, M27, M28, M29)	
0150P00005	WHEEL, BLOWER	

Front Panel / Control Board Assembly

FRONT PANEL ASSEMBLY



CONTROL PANEL ASSEMBLY

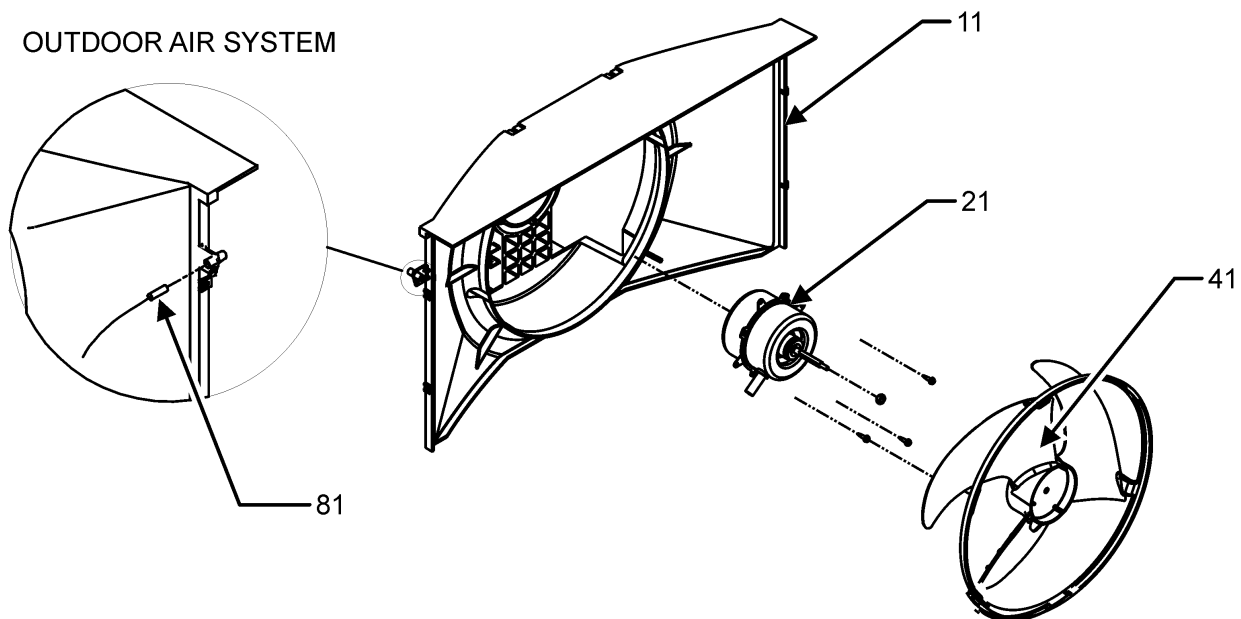


Front Panel / Control Board Assembly

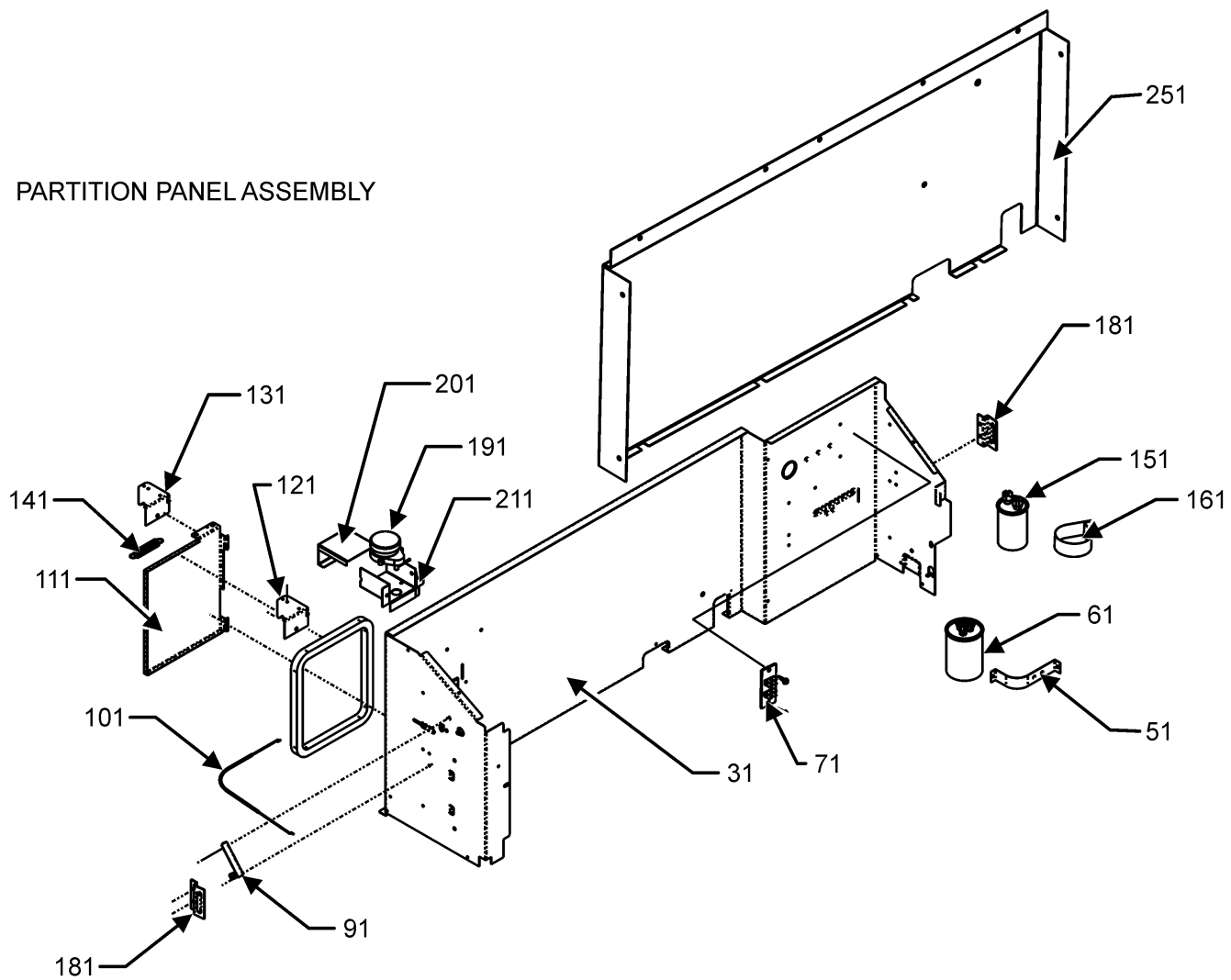
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:		Expanded Model Nomenclature	
11	0161P00048	FRONT, LOUVERS DISCHARGE	
21	RSKP0012	CONTROL BOARD M70	
31	0130M00599	TRANSFMR, 40VA, 240V/208V TO 24V (M2, M6, M7, M8, M12, M13, M19, M20, M21, M22, M25, M27)	
31	0130M00341	TRANSFORMER 20VA 230V (M1, M2, M3, M4, M5, M6, M7, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M23, M24, M25, M26, M27, M28, M29)	
41	0163P00025	CLIP (QTY 2)	
51	0121P00130	PANEL, CONTROL	
61	0121P00194BL	SCREEN, DISCHARGE, PAINTED	
71	0261P00003	DOOR ASSY -AMANA-	
81	0261P00011	FRONT ASSY	
101	0161P00035	FILTER, RACK (QTY 2)	
121	0130M00179	SPDT RELAY (M8, M22)	
191	0130M00600	TRANS, 40VA, 240V/208V TO 120V (M8, M22)	
261	0130P00104	ANTENNA (M6, M9, M11, M15, M17, M19, M21, M23, M25, M26)	
291	B1337701	PADDLE SWITCH (M2, M6, M7, M12, M13, M19, M20, M25, M27)	
NS	PCBCP147	PCB, CONTROL, D70 (M2, M6, M7, M8, M12, M13, M19, M20, M21, M22, M25, M27)	
		M1 - PTH093G15A XXXGA	
		M2 - PTH093G15D XXXGA	
		M3 - PTH093G25A XXXGA	
		M4 - PTH093G25CQXXGA	
		M5 - PTH093G25CXXXGA	
		M6 - PTH093G25DRXXGA	
		M7 - PTH093G25DXXXGA	
		M8 - PTH093G25PXXXGA	
		M9 - PTH093G25QRXXGA	
		M10 - PTH093G25QXXXGA	
		M11 - PTH093G25RXXXGA	
		M12 - PTH093G25VWXXGA	
		M13 - PTH093G25VXXXGA	
		M14 - PTH093G35A XXXGA	
		M15 - PTH093G35CQRXGA	
		M16 - PTH093G35CQXXGA	
		M17 - PTH093G35CRXXGA	
		M18 - PTH093G35CXXXGA	
		M19 - PTH093G35DRXXGA	
		M20 - PTH093G35DXXXGA	
		M21 - PTH093G35LRXXGA	
		M22 - PTH093G35PXXXGA	
		M23 - PTH093G35QRXXGA	
		M24 - PTH093G35QXXXGA	
		M25 - PTH093G35RVXXGA	
		M26 - PTH093G35RXXXGA	
		M27 - PTH093G35VXXXGA	
		M28 - PTH093G35WXXXGA	
		M29 - PTH093G50A XXXGA	

Outdoor Air System / Partition Panel

OUTDOOR AIR SYSTEM



PARTITION PANEL ASSEMBLY

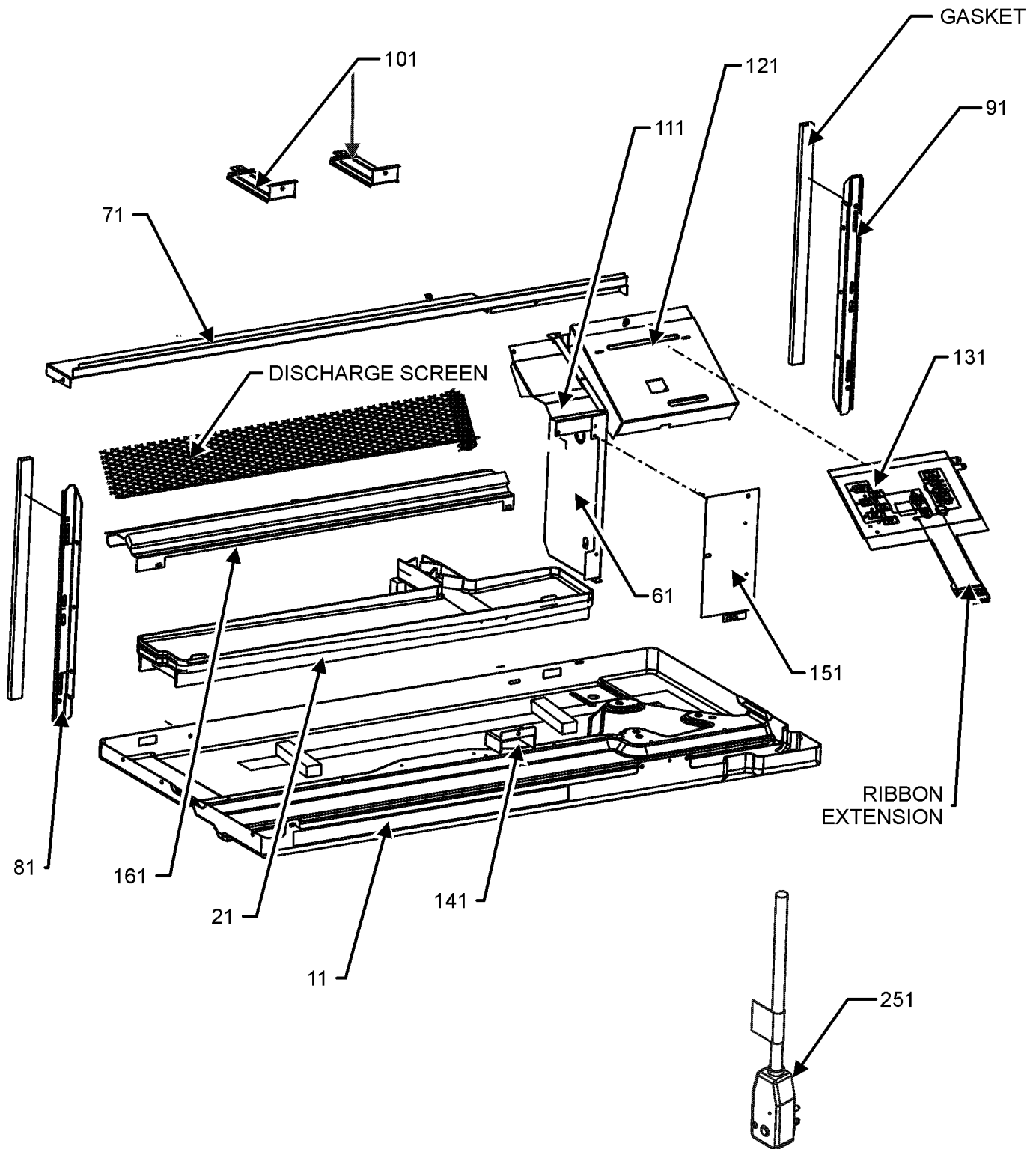


Outdoor Air System / Partition Panel

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:		Expanded Model Nomenclature	
11	0161P00110	CONDENSER SHROUD	M1 - PTH093G15A XXXGA
21	0131P00033	FAN MOTOR, OUTDOOR	M2 - PTH093G15D XXXGA
31	0121P00093NG	PANEL-PARTITION (M4, M9, M10, M15, M16, M23, M24)	M3 - PTH093G25A XXXGA
31	0121P00108NG	PANEL-PARTITION (M1, M2, M3, M5, M6, M7, M8, M11, M12, M13, M14, M17, M18, M19, M20, M21, M22, M25, M26, M27, M28, M29)	M4 - PTH093G25CQXXGA
41	0161P00055	FAN, CONDENSER	M5 - PTH093G25C XXXGA
51	C6300502	CAPACITOR STRAP	M6 - PTH093G25DRXXGA
61	CAP020250450C S	CAP, 2/25 MFD/450V/DUAL RD	M7 - PTH093G25D XXXGA
71	802007090	TERMINAL BOARD	M8 - PTH093G25P XXXGA
81	0130P00098	THERMISTOR OAT GREEN (M2, M6, M7, M8, M9, M11, M12, M13, M15, M17, M19, M20, M21, M22, M23, M25, M26, M27)	M9 - PTH093G25QRXXGA
91	11046302	LEVER ARM (M1, M3, M5, M8, M11, M14, M17, M18, M21, M22, M26, M28, M29)	M10 - PTH093G25Q XXXGA
101	0163P00019	CABLE (M1, M3, M5, M8, M11, M14, M17, M18, M21, M22, M26, M28, M29)	M11 - PTH093G25R XXXGA
111	0121P00177NG	DOOR-VENT PTC (M1, M2, M3, M5, M6, M7, M8, M11, M12, M13, M14, M17, M18, M19, M20, M21, M22, M25, M26, M27, M28, M29)	M12 - PTH093G25VWXXGA
121	0121P00079	BRACKET, VENT DOOR (M2, M6, M7, M12, M13, M19, M20, M25, M27)	M13 - PTH093G25V XXXGA
131	0121P00072NG	BRACKET, VENT DOOR-C (M1, M3, M5, M8, M11, M14, M17, M18, M21, M22, M26, M28, M29)	M14 - PTH093G35A XXXGA
131	0121P00180	BRKT, POWER VENT (M2, M6, M7, M12, M13, M19, M20, M25, M27)	M15 - PTH093G35CQRXGA
141	11166401	EXTENSION SPRING (M2, M6, M7, M12, M13, M19, M20, M25, M27)	M16 - PTH093G35CQXXGA
151	CAP020000440R P	CAPACITOR 2/440V	M17 - PTH093G35CRXXGA
161	0163P00029	CAPACITOR CLAMP	M18 - PTH093G35C XXXGA
181	11191703	PARTITION PANEL BRACKET (QTY 2)	M19 - PTH093G35DRXXGA
191	0130P00137	POWER VENT MOTOR (M2, M6, M7, M12, M13, M19, M20, M25, M27)	M20 - PTH093G35D XXXGA
201	11166201	POWER VENT COVER BRACKET (M2, M6, M7, M12, M13, M19, M20, M25, M27)	M21 - PTH093G35LRXXGA
211	11166101	POWER VENT MOTOR BRACKET (M2, M6, M7, M12, M13, M19, M20, M25, M27)	M22 - PTH093G35P XXXGA
251	0121P00091NG	PANEL-AUXILLIARY (M4, M9, M10, M15, M16, M23, M24)	M23 - PTH093G35QRXXGA
NS	0163P00023	CONDENSATE PUMP (M8, M22)	M24 - PTH093G35Q XXXGA
NS	0121P00077	CONDENSATE PUMP BRACKET (M8, M22)	M25 - PTH093G35RVXXGA
NS	0130P00133	HUMIDITY SENSOR (M2, M6, M7, M12, M13, M19, M20, M25, M27)	M26 - PTH093G35R XXXGA
			M27 - PTH093G35V XXXGA
			M28 - PTH093G35W XXXGA
			M29 - PTH093G50A XXXGA

Base Pan Assembly

BASE PAN ASSEMBLY



Base Pan Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

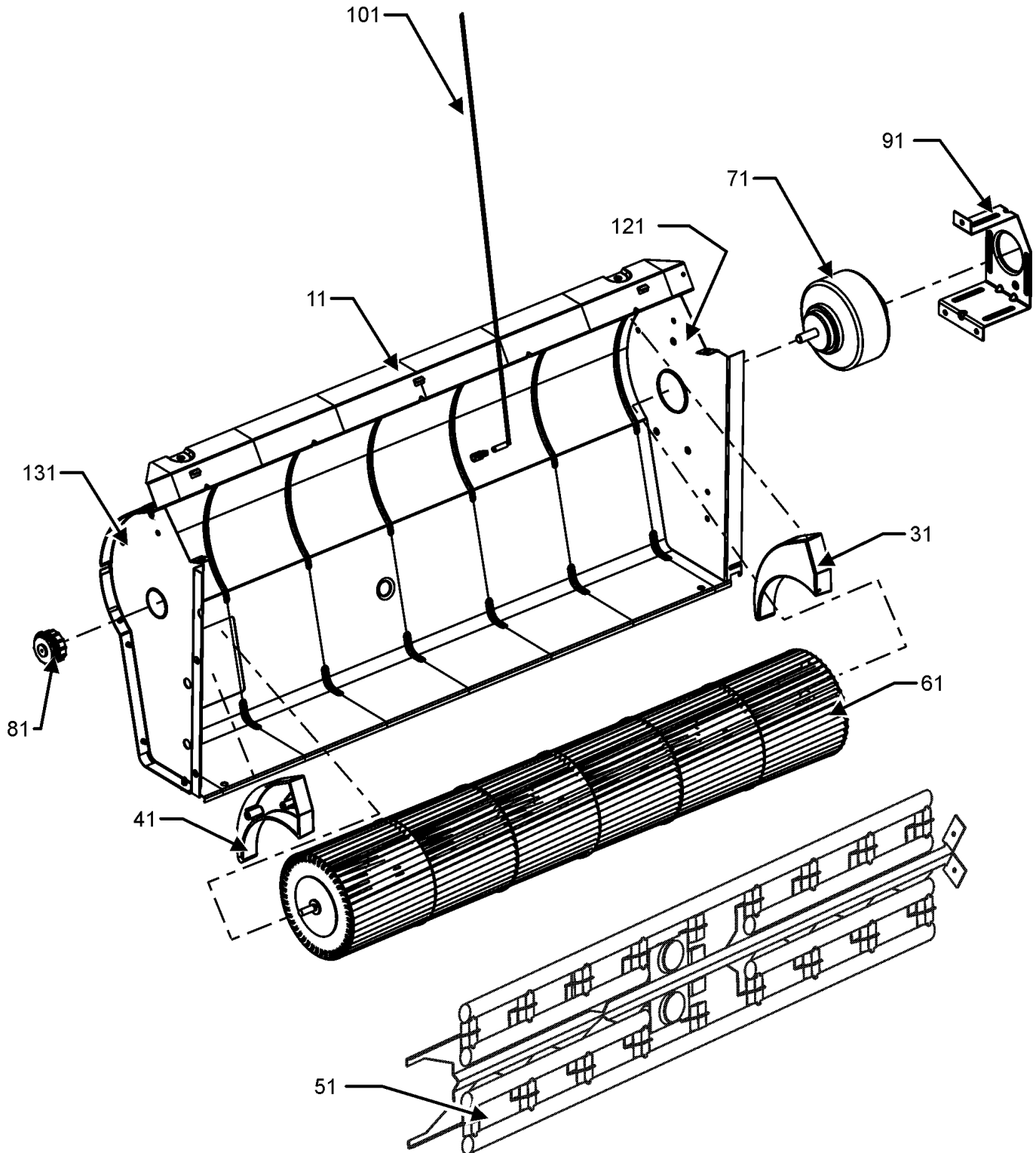
11	0121P00175DG	BASE PAN (M1, M2, M3, M6, M7, M8, M9, M10, M11, M12, M13, M14, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29)
11	0121P00175NG	BASE PAN (M4, M5, M15, M16, M17, M18)
21	0161P00044	PLASTIC-DRAIN PAN
61	0121P00278	PANEL-MID PTN PTC
71	0121P00063NG	TOP, PARTITION PANEL
81	0121P00197	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, M5, M6, M7, M8, M11, M12, M13, M14, M17, M18, M19, M20, M21, M22, M25, M26, M27, M28, M29)
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, M13)
251	0130P00115	CORD,250VAC, 20A (LCD) (M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)
251	0130P00118	CORD,250VAC, 30A (LCD) (M29)
NS	0130P00109	MEMBRANE (CONTROL)

Expanded Model Nomenclature

M1 - PTH093G15A XXXGA
 M2 - PTH093G15D XXXGA
 M3 - PTH093G25A XXXGA
 M4 - PTH093G25CQXXGA
 M5 - PTH093G25CXXXGA
 M6 - PTH093G25DRXXGA
 M7 - PTH093G25DXXXGA
 M8 - PTH093G25PXXXGA
 M9 - PTH093G25QRXXGA
 M10 - PTH093G25QXXXGA
 M11 - PTH093G25RXXXGA
 M12 - PTH093G25VWXXGA
 M13 - PTH093G25VXXXGA
 M14 - PTH093G35A XXXGA
 M15 - PTH093G35CQRXGA
 M16 - PTH093G35CQXXGA
 M17 - PTH093G35CRXXGA
 M18 - PTH093G35CXXXGA
 M19 - PTH093G35DRXXGA
 M20 - PTH093G35DXXXGA
 M21 - PTH093G35LRXXGA
 M22 - PTH093G35PXXXGA
 M23 - PTH093G35QRXXGA
 M24 - PTH093G35QXXXGA
 M25 - PTH093G35RVXXGA
 M26 - PTH093G35RXXXGA
 M27 - PTH093G35VXXXGA
 M28 - PTH093G35WXXXGA
 M29 - PTH093G50A XXXGA

Indoor Blower Assembly

INDOOR BLOWER ASSEMBLY



Indoor Blower Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

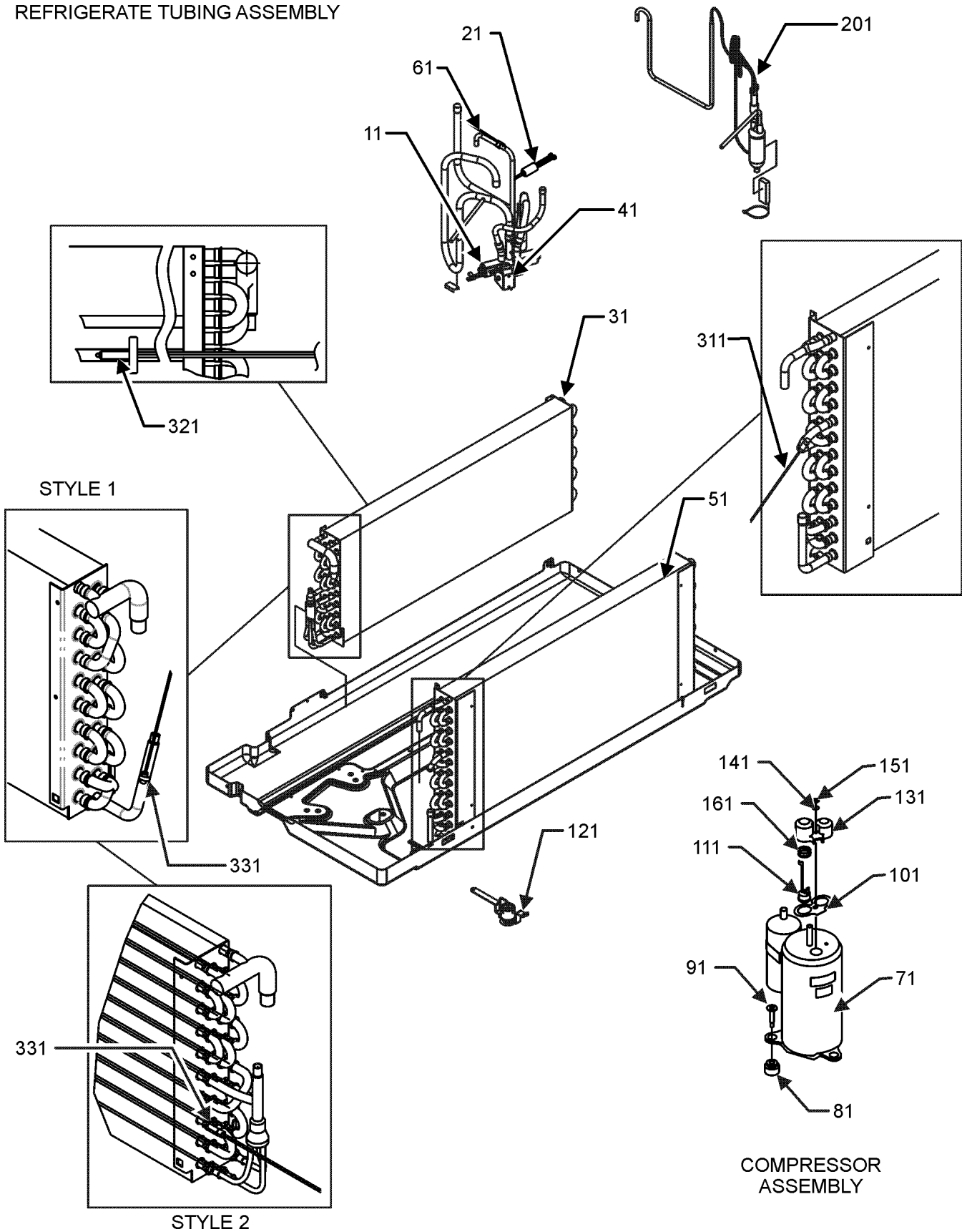
11	0121P00173DG	SCROLL
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00019	HEATER ASSY (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
51	0275P00022	HEATER ASSY (M1, M2)
51	0275P00038	HEATER ASSY (M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)
51	0275P00039	HEATER ASSY (M29)
61	0150P00005	WHEEL, BLOWER
71	0131P00054	FAN MOTOR, INDOOR (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)
71	0131P00055	FAN MOTOR, INDOOR (M29)
81	0163P00027	BEARING
91	0121P00048	BRACKET-MOTOR MOUNT
101	0130P00134	THERMISTOR ID T YELLOW
121	0121P00059DG	ENDPLATE-RH SCROLL
131	0121P00215DG	ENDPLATE-LH SCROLL, PNT

Expanded Model Nomenclature

M1 - PTH093G15AXXXGA
 M2 - PTH093G15DXXXGA
 M3 - PTH093G25AXXXGA
 M4 - PTH093G25CQXXGA
 M5 - PTH093G25CXXXGA
 M6 - PTH093G25DRXXGA
 M7 - PTH093G25DXXXGA
 M8 - PTH093G25PXXXGA
 M9 - PTH093G25QRXXGA
 M10 - PTH093G25QXXXGA
 M11 - PTH093G25RXXXGA
 M12 - PTH093G25VWXXGA
 M13 - PTH093G25VXXXGA
 M14 - PTH093G35AXXXGA
 M15 - PTH093G35CQRXGA
 M16 - PTH093G35CQXXGA
 M17 - PTH093G35CRXXGA
 M18 - PTH093G35CXXXGA
 M19 - PTH093G35DRXXGA
 M20 - PTH093G35DXXXGA
 M21 - PTH093G35LRXXGA
 M22 - PTH093G35PXXXGA
 M23 - PTH093G35QRXXGA
 M24 - PTH093G35QXXXGA
 M25 - PTH093G35RVXXGA
 M26 - PTH093G35RXXXGA
 M27 - PTH093G35VXXXGA
 M28 - PTH093G35WXXXGA
 M29 - PTH093G50AXXXGA

Refrigerant Tubing Assembly

REFRIGERATE TUBING ASSEMBLY



Refrigerant Tubing Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

11	0151P00013	PTAC Reversing Valve Assy
21	0130M00169	SWITCH, HIGH PRESS
31	0202P00094	7MM EVAP ASSY 3 ROW
41	0130P00022	REVERSING VALVE COIL
51	0201P00104NG	7MM CONDENSER ASSEMBLY PAINTED (M4, M5, M15, M16, M17, M18)
51	0201P00098	7MM CONDENSER COIL ASSY (M1, M2, M3, M6, M7, M8, M9, M10, M11, M12, M13, M14, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29)
61	0130P00077	THERMISTOR IHD ORANGE (M6, M9, M11, M15, M17, M19, M21, M23, M25, M26)
71	39B202AD&0JKZ	COMPRESSOR, RECHI
81	60130203	GROMMET - RECHI COMPRESSOR (QTY 3)
91	0163M00079	SHOULDER SCREW (QTY 3)
101	60100103	TERMINAL GASKET
111	60343638	OVERLOAD PROTECTOR-RECHI
121	20406303	BASE PAN VALVE (M1, M2, M3, M4, M5, M6, M7, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M23, M24, M25, M26, M27, M28, M29)
131	60100314	TERMINAL COVER - RECHI COMP
141	60100201	WASHER - RECHI COMPRESSOR
151	60100401	TERMINAL NUT - RECHI COMP
161	60500101	OLP SPRING - RECHI COMPRESSOR
201	0210P00482	CAPILLARY ASSY
311	0130P00130	THERMISTOR OCT BLUE
321	0130P00164	THERMISTOR IAT BLACK
331	0130P00159	THERMISTOR ICT RED
NS	BT1392310	PLASTIC CLAMP, .1875 DIA (M2, M6, M7, M12, M13, M19, M20, M25, M27)

Expanded Model Nomenclature

M1 - PTH093G15A XXXGA
M2 - PTH093G15D XXXGA
M3 - PTH093G25A XXXGA
M4 - PTH093G25CQXXGA
M5 - PTH093G25C XXXGA
M6 - PTH093G25DRXXGA
M7 - PTH093G25D XXXGA
M8 - PTH093G25P XXXGA
M9 - PTH093G25QRXXGA
M10 - PTH093G25Q XXXGA
M11 - PTH093G25R XXXGA
M12 - PTH093G25VWXXGA
M13 - PTH093G25V XXXGA
M14 - PTH093G35A XXXGA
M15 - PTH093G35CQRXGA
M16 - PTH093G35CQXXGA
M17 - PTH093G35CRXXGA
M18 - PTH093G35C XXXGA
M19 - PTH093G35DRXXGA
M20 - PTH093G35D XXXGA
M21 - PTH093G35LRXXGA
M22 - PTH093G35P XXXGA
M23 - PTH093G35QRXXGA
M24 - PTH093G35Q XXXGA
M25 - PTH093G35RVXXGA
M26 - PTH093G35R XXXGA
M27 - PTH093G35V XXXGA
M28 - PTH093G35W XXXGA
M29 - PTH093G50A XXXGA