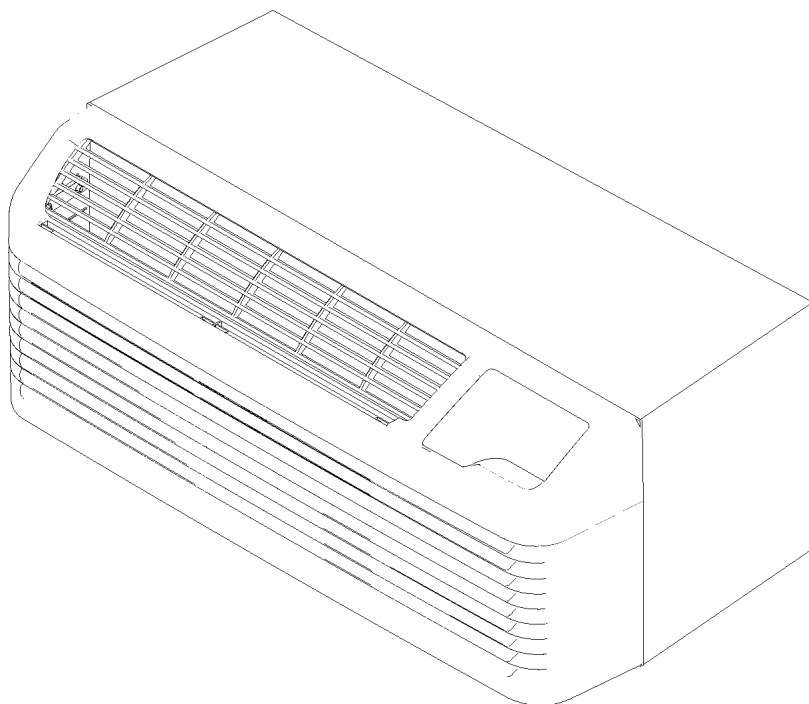


PTH093G Package Terminal Heat Pump

PTH093G15AXXXAB
PTH093G15DXXXAB
PTH093G25AXXXAA
PTH093G25CXXXAA
PTH093G25DRXXAA
PTH093G25DXXXAA
PTH093G25PXXXAB
PTH093G25QRXXAB
PTH093G25QXXXAB
PTH093G25RXXXAA
PTH093G25VXXXAB
PTH093G35AXXXAA
PTH093G35CQXXAB
PTH093G35CRXXAA
PTH093G35CXXXAA
PTH093G35DRXXAA
PTH093G35DXXXAA
PTH093G35PXXXAA
PTH093G35QRXXAA
PTH093G35QXXXAA
PTH093G35RVXXAB
PTH093G35RXXXAA
PTH093G35VXXXAA
PTH093G50AXXXAA
PTH093G50CXXXAA
PTH093G50DXXXAA
PTH093G50PXXXAB
PTH093G50QRXXAB
PTH093G50RXXXAA
PTH093G50VXXXAA



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This manual replaces RP-733F.

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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:

Consumer Affairs Department
Goodman 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 Company, L.P.
7401 Security Way
Houston, Texas 77040
713-861-2500-Telephone
713-863-2382-Facsimile

Functional Parts

Part

No:

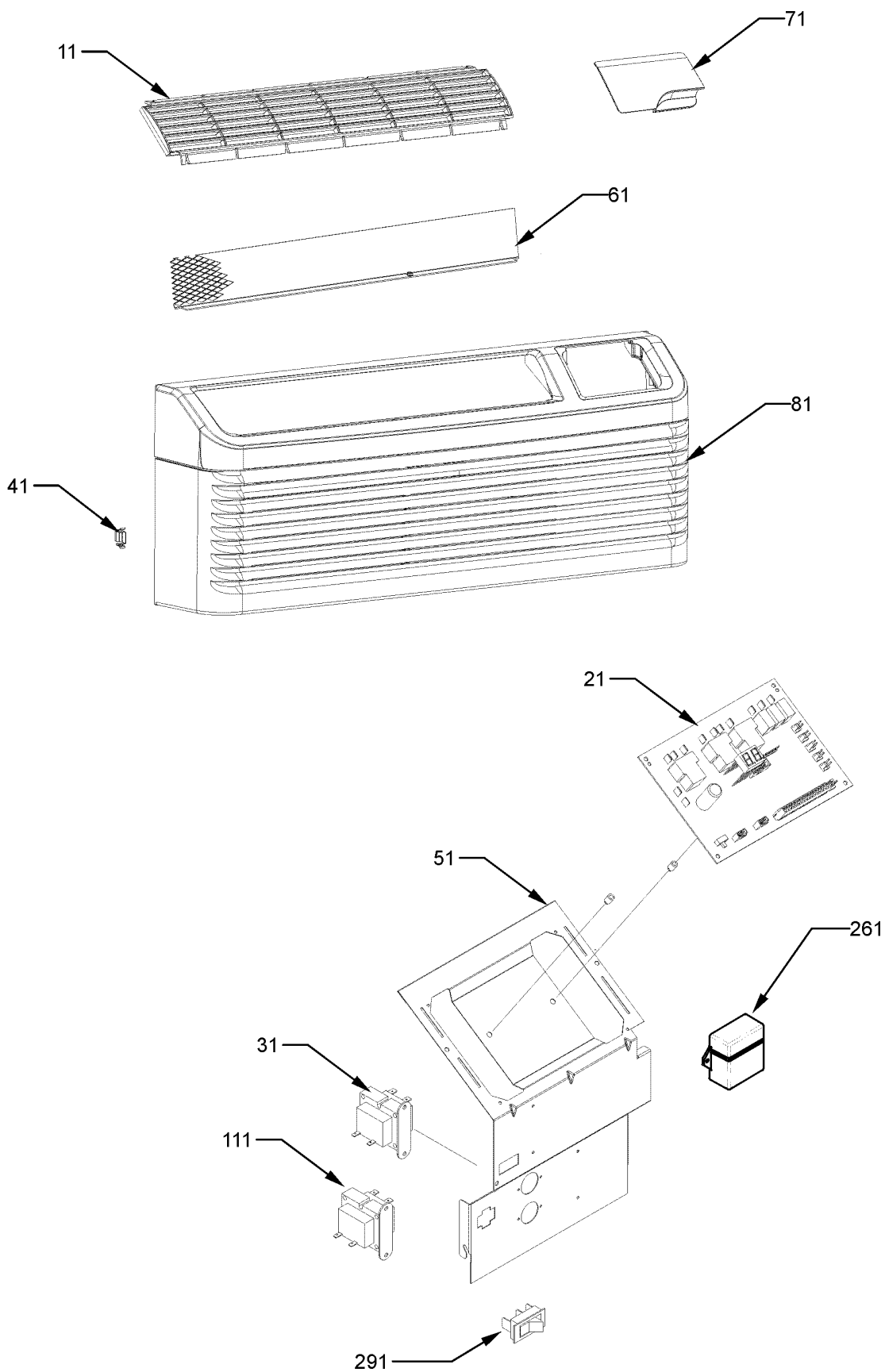
Description:

Expanded Model Nomenclature

20406303	BASE PAN VALVE (M1, M2, M3, M4, M5, M6, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M28, M29, M30)
CAP020250450CS	CAP, 2/25 MFD/450V/DUAL RD
44A202A	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)
0130P00058	CORD, 250VAC, 20A (LCD) (M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23)
0130P00061	CORD, 250VAC, 30A (LCD) (M24, M25, M26, M27, M28, M29, M30)
0131P00029	FAN MOTOR, INDOOR
0131P00027	FAN MOTOR, OUTDOOR (M3, M4, M5, M6, M10, M12, M14, M15, M16, M17, M18, M19, M20, M22, M23, M24, M25, M26, M29, M30)
0131P00033	FAN MOTOR, OUTDOOR (M1, M2, M7, M8, M9, M11, M13, M21, M27, M28)
0161P00030	FAN, CONDENSER
0275P00022	HEATER ASSY (M1, M2)
0275P00039	HEATER ASSY (M24, M25, M26, M27, M28, M29, M30)
0275P00038	HEATER ASSY (M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23)
0275P00019	HEATER ASSY (M3, M4, M5, M6, M7, M8, M9, M10, M11)
0130M00132	HIGH PRESSURE SWITCH
60343539	OVERLOAD PROTECTOR
0121P00091DG	PANEL AUXILIARY, PNT (M8, M9, M13, M19, M20, M28)
11172801	POWER VENT MOTOR (M2, M5, M6, M11, M16, M17, M21, M23, M26, M30)
0130M00096	RELAY
C8873917	RELAY (HYDRONIC) (M7, M18, M27)
C8873932	RELAY (POWER VENT) (M2, M5, M6, M11, M16, M17, M21, M23, M26, M30)
0151P00000	REVERSING VALVE ASSY-230V
0130P00022	REVERSING VALVE COIL
0130P00077	THERMISTOR (M5, M8, M10, M14, M16, M19, M21, M22, M28, M29)
0130P00074	THERMISTOR
0130P00098	THERMISTOR (M5, M8, M10, M14, M16, M19, M21, M22, M28, M29)
0130P00075	THERMISTOR - DISCHARGE
0130P00086	THERMISTOR - INDOOR COIL
0130P00093	THERMISTOR, .375 CLIP, BLUE
0130M00149	Trans. .40VA, 240V/208V to 24V (M2, M5, M6, M11, M16, M17, M21, M23, M26, M30)
0130M00150	Trans.,40VA, 240V/208V to 120V (M7, M18, M27)
0130M00152	TRANSFORMER
PCBEP100	VARIABLE SPEED TERMINAL BOARD
0150P00004	WHEEL, BLOWER

M1 - PTH093G15AXXXAB
M2 - PTH093G15DXXXAB
M3 - PTH093G25AXXXAA
M4 - PTH093G25CXXXAA
M5 - PTH093G25DRXXAA
M6 - PTH093G25DXXXAA
M7 - PTH093G25PXXXAB
M8 - PTH093G25QRXXAB
M9 - PTH093G25QXXXAB
M10 - PTH093G25RXXXAA
M11 - PTH093G25VXXXAB
M12 - PTH093G35AXXXAA
M13 - PTH093G35CQXXAB
M14 - PTH093G35CRXXAA
M15 - PTH093G35CXXXAA
M16 - PTH093G35DRXXAA
M17 - PTH093G35DXXXAA
M18 - PTH093G35PXXXAA
M19 - PTH093G35QRXXAA
M20 - PTH093G35QXXXAA
M21 - PTH093G35RVXXAB
M22 - PTH093G35RXXXAA
M23 - PTH093G35VXXXAA
M24 - PTH093G50AXXXAA
M25 - PTH093G50CXXXAA
M26 - PTH093G50DXXXAA
M27 - PTH093G50PXXXAB
M28 - PTH093G50QRXXAB
M29 - PTH093G50RXXXAA
M30 - PTH093G50VXXXAA

Front Assy



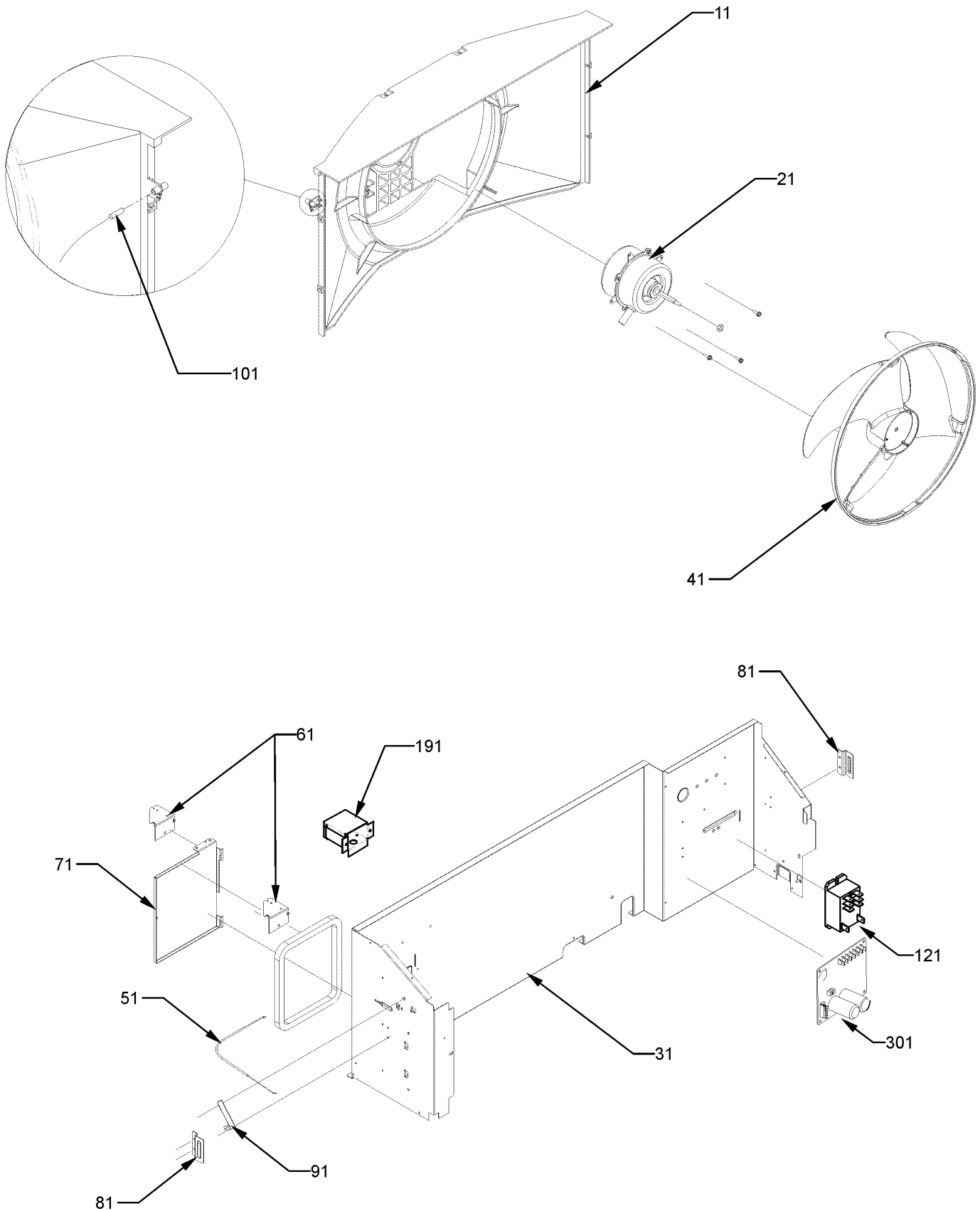
Front Assy

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0161P00033	FRONT-DICHARGE LOUVERS	
21	RSKP0010	CONTROL BOARD M61	
31	0130M00152	TRANSFORMER	
41	0163P00025	CLIP (QTY 2)	
51	0121P00087	CONTROL PANEL	
61	0121P00073	SCREEN, DISCHARGE	
71	0261P00003	DOOR ASSY -AMANA-	
81	0261P00011	FRONT ASSY	
111	0130M00149	Trans. ,40VA, 240V/208V to 24V (M2, M5, M6, M11, M16, M17, M21, M23, M26, M30)	
111	0130M00150	Trans.,40VA, 240V/208V to 120V (M7, M18, M27)	
261	0130P00104	ANTENNA (M5, M8, M10, M14, M16, M19, M21, M22, M28, M29)	
291	B1337701	PADDLE SWITCH (M2, M5, M6, M11, M16, M17, M21, M23, M26, M30)	
NS	0161P00035	FILTER, RACK (QTY 2)	
NS	B1160701	TERMINAL BOARD (M2, M5, M6, M11, M16, M17, M21, M23, M26, M30)	

Expanded Model Nomenclature

M1 - PTH093G15AXXXAB
 M2 - PTH093G15DXXXAB
 M3 - PTH093G25AXXXAA
 M4 - PTH093G25CXXXAA
 M5 - PTH093G25DRXXAA
 M6 - PTH093G25DXXXAA
 M7 - PTH093G25PXXXAB
 M8 - PTH093G25QRXXAB
 M9 - PTH093G25QXXXAB
 M10 - PTH093G25RXXXAA
 M11 - PTH093G25VXXXAB
 M12 - PTH093G35AXXXAA
 M13 - PTH093G35CQXXAB
 M14 - PTH093G35CRXXAA
 M15 - PTH093G35CXXXAA
 M16 - PTH093G35DRXXAA
 M17 - PTH093G35DXXXAA
 M18 - PTH093G35PXXXAA
 M19 - PTH093G35QRXXAA
 M20 - PTH093G35QXXXAA
 M21 - PTH093G35RVXXAB
 M22 - PTH093G35RXXXAA
 M23 - PTH093G35VXXXAA
 M24 - PTH093G50AXXXAA
 M25 - PTH093G50CXXXAA
 M26 - PTH093G50DXXXAA
 M27 - PTH093G50PXXXAB
 M28 - PTH093G50QRXXAB
 M29 - PTH093G50RXXXAA
 M30 - PTH093G50VXXXAA

Chassis Control Panel



Chassis Control Panel

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

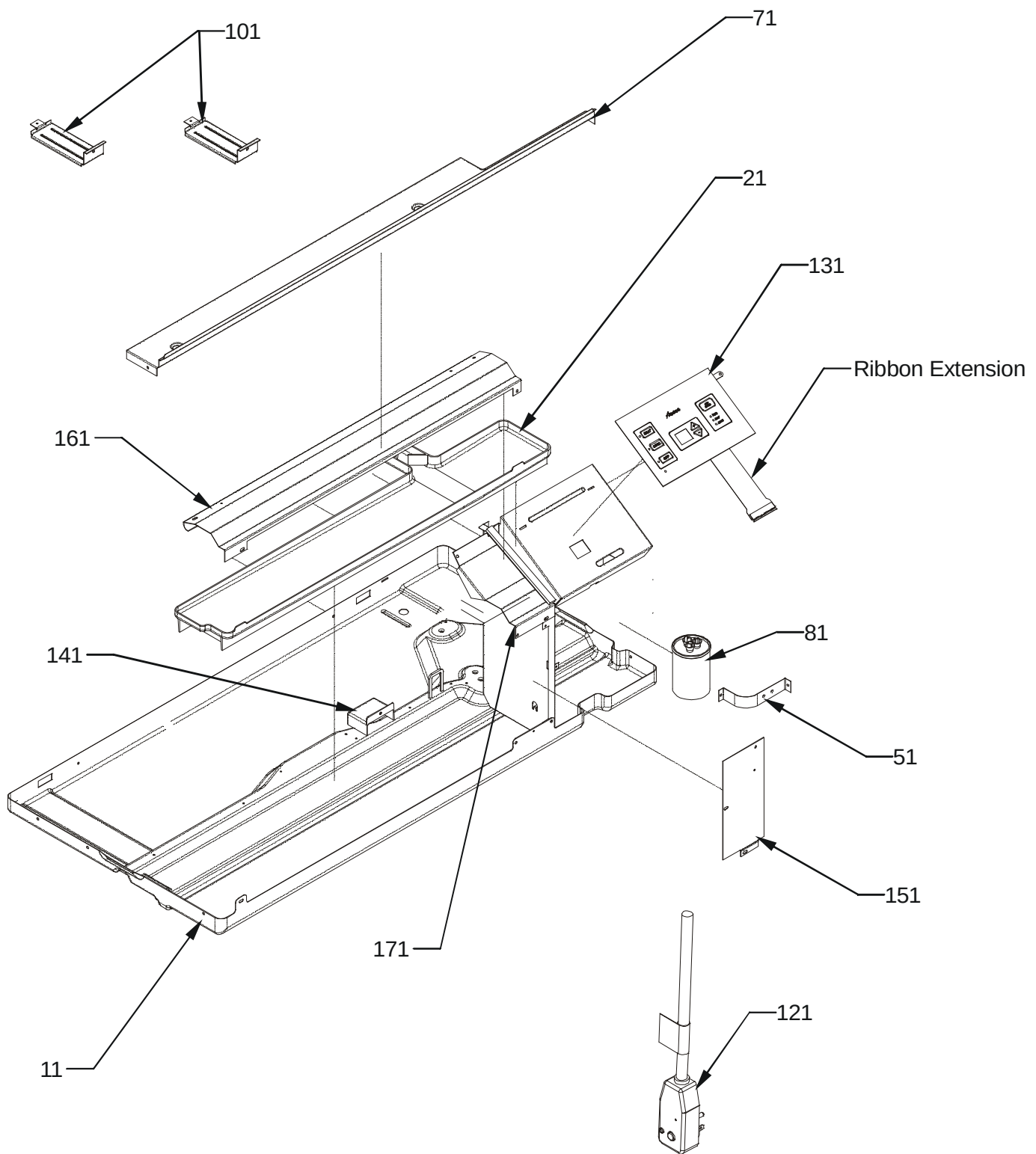
Image 1:

11	0161P00026	SHROUD, CONDENSER
21	0131P00027	FAN MOTOR, OUTDOOR (M3, M4, M5, M6, M10, M12, M14, M15, M16, M17, M18, M19, M20, M22, M23, M24, M25, M26, M29, M30)
21	0131P00033	FAN MOTOR, OUTDOOR (M1, M2, M7, M8, M9, M11, M13, M21, M27, M28)
31	0121P00093DG	PANEL-PARTITION PNT (M8, M9, M13, M19, M20, M28)
31	0121P00108DG	PANEL-PARTITION PNT (M1, M2, M3, M4, M5, M6, M7, M10, M11, M12, M13, M14, M15, M16, M17, M18, M21, M22, M23, M24, M25, M26, M27, M29, M30)
41	0161P00030	FAN, CONDENSER
51	0163P00019	CABLE
61	0121P00079	BRACKET, VENT DOOR (M2, M5, M6, M11, M16, M17, M21, M23, M26, M30)
61	0121P00072DG	BRACKET, VENT DOOR-C (M1, M3, M4, M7, M10, M12, M14, M15, M18, M22, M24, M25, M27, M29)
71	11046105PDG	VENT DOOR (M1, M2, M3, M4, M5, M6, M7, M10, M11, M12, M14, M15, M16, M17, M18, M21, M22, M23, M24, M25, M26, M27, M29, M30)
81	11191703	PARTITION PANEL BRACKET (QTY 2)
91	11046302	LEVER ARM (M1, M3, M4, M7, M10, M12, M14, M15, M18, M22, M24, M25, M27, M29)
101	0130P00098	THERMISTOR (M5, M8, M10, M14, M16, M19, M21, M22, M28, M29)
121	0130M00096	RELAY
121	C8873917	RELAY (HYDRONIC) (M7, M18, M27)
121	C8873932	RELAY (POWER VENT) (M2, M5, M6, M11, M16, M17, M21, M23, M26, M30)
191	0270P00997	POWER DOOR ASSY (M2, M5, M6, M16, M17, M26)
301	PCBEP100	VARIABLE SPEED TERMINAL BOARD
NS	0121P00080	BRKT, POWER VENT (M2, M5, M6, M11, M16, M17, M21, M23, M26, M30)
NS	11166401	EXTENSION SPRING (M2, M5, M6, M11, M16, M17, M21, M23, M26, M30)
NS	0121P00091DG	PANEL AUXILIARY, PNT (M8, M9, M13, M19, M20, M28)
NS	11166201	POWER VENT COVER BRACKET (M2, M5, M6, M11, M16, M17, M21, M23, M26, M30)
NS	11172801	POWER VENT MOTOR (M2, M5, M6, M11, M16, M17, M21, M23, M26, M30)
NS	11166101	POWER VENT MOTOR BRACKET (M2, M5, M6, M11, M16, M17, M21, M23, M26, M30)

Expanded Model Nomenclature

M1 - PTH093G15AXXXAB
M2 - PTH093G15DXXXAB
M3 - PTH093G25AXXXAA
M4 - PTH093G25CXXXAA
M5 - PTH093G25DRXXAA
M6 - PTH093G25DXXXAA
M7 - PTH093G25PXXXAB
M8 - PTH093G25QRXXAB
M9 - PTH093G25QXXXAB
M10 - PTH093G25RXXXAA
M11 - PTH093G25VXXXAB
M12 - PTH093G35AXXXAA
M13 - PTH093G35CQXXAB
M14 - PTH093G35CRXXAA
M15 - PTH093G35CXXXAA
M16 - PTH093G35DRXXAA
M17 - PTH093G35DXXXAA
M18 - PTH093G35PXXXAA
M19 - PTH093G35QRXXAA
M20 - PTH093G35QXXXAA
M21 - PTH093G35RVXXAB
M22 - PTH093G35RXXXAA
M23 - PTH093G35VXXXAA
M24 - PTH093G50AXXXAA
M25 - PTH093G50CXXXAA
M26 - PTH093G50DXXXAA
M27 - PTH093G50PXXXAB
M28 - PTH093G50QRXXAB
M29 - PTH093G50RXXXAA
M30 - PTH093G50VXXXAA

Partition Assy



Partition Assy

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

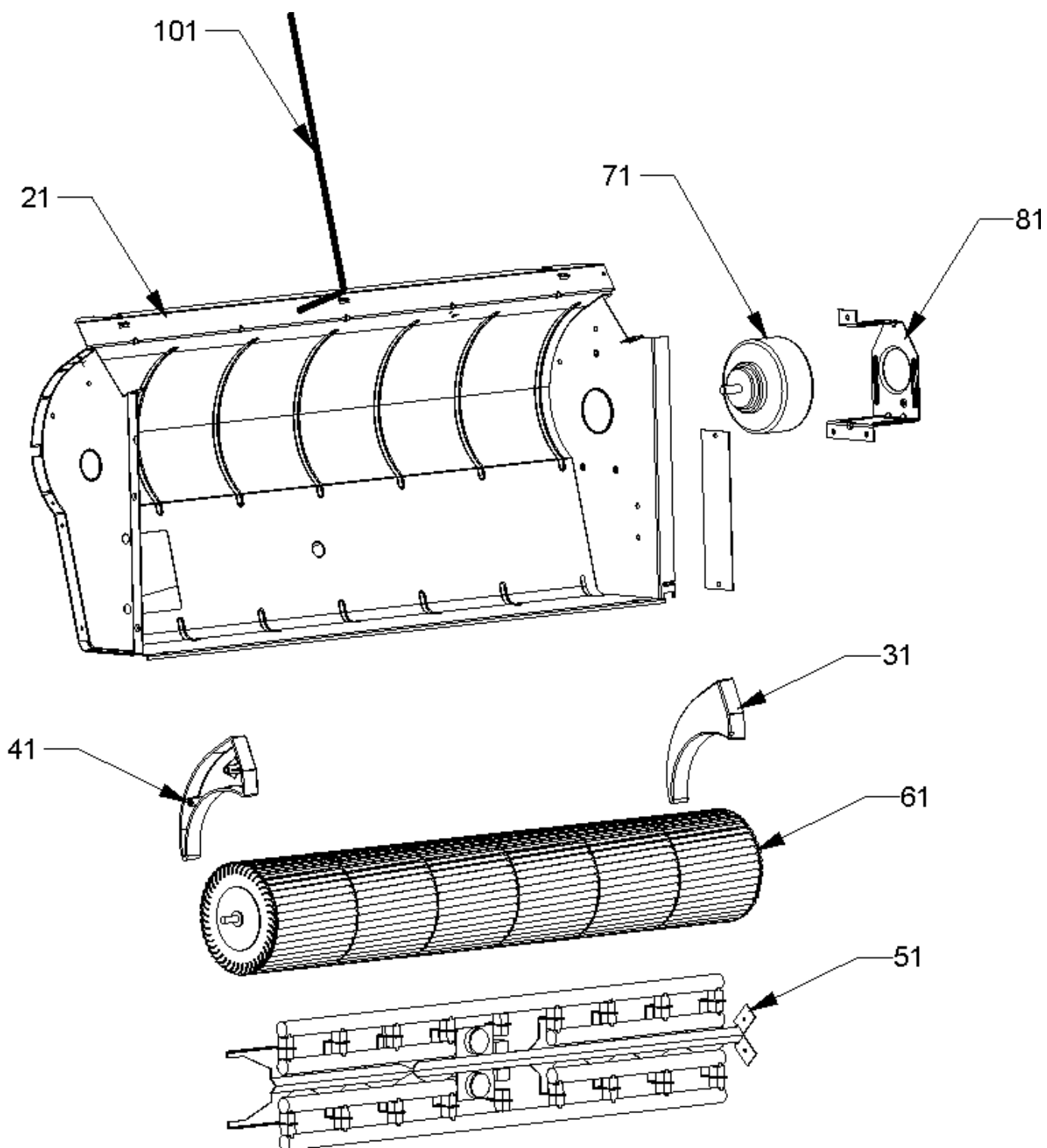
Image 1:

11	0121P00133DG	BASE PAN, PNT (M1, M2, M3, M5, M6, M7, M8, M9, M10, M11, M12, M16, M17, M18, M19, M20, M21, M22, M23, M24, M26, M27, M28, M29, M30)
11	0121P00133BR	BASEPAN, PNT (M4, M13, M14, M15, M25)
21	0161P00044	PLASTIC-DRAIN PAN
51	C6300502	CAPACITOR STRAP
71	0121P00063DG	TOP, PARTITION PANEL PNT
81	CAP020250450CS	CAP, 2/25 MFD/450V/DUAL RD
101	0121P00071DG	BRACE, TIE PNT (QTY 2)
121	0130P00059	CORD, 250VAC, 15A (LCD) (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11)
121	0130P00058	CORD, 250VAC, 20A (LCD) (M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23)
121	0130P00061	CORD, 250VAC, 30A (LCD) (M24, M25, M26, M27, M28, M29, M30)
131	RSKP0005	CONTROL PANEL COVER AND MEMBRANE
141	0161P00016	PLASTIC-HOOD
151	20410801	ACCESS COVER
161	0121P00061DG	CUTOFF-SCROLL DG
171	0121P00070DG	COVER, MOTOR PNT
NS	20403301	MID PARTITION PANEL
NS	20416201	SEAL-L SIDE PTC
NS	20416101	SEAL-R SIDE PTC

Expanded Model Nomenclature

M1 - PTH093G15AXXXAB
M2 - PTH093G15DXXXAB
M3 - PTH093G25AXXXAA
M4 - PTH093G25CXXXAA
M5 - PTH093G25DRXXAA
M6 - PTH093G25DXXXAA
M7 - PTH093G25PXXXAB
M8 - PTH093G25QRXXAB
M9 - PTH093G25QXXXAB
M10 - PTH093G25RXXXAA
M11 - PTH093G25VXXXAB
M12 - PTH093G35AXXXAA
M13 - PTH093G35CQXXAB
M14 - PTH093G35CRXXAA
M15 - PTH093G35CXXXAA
M16 - PTH093G35DRXXAA
M17 - PTH093G35DXXXAA
M18 - PTH093G35PXXXAA
M19 - PTH093G35QRXXAA
M20 - PTH093G35QXXXAA
M21 - PTH093G35RVXXAB
M22 - PTH093G35RXXXAA
M23 - PTH093G35VXXXAA
M24 - PTH093G50AXXXAA
M25 - PTH093G50CXXXAA
M26 - PTH093G50DXXXAA
M27 - PTH093G50PXXXAB
M28 - PTH093G50QRXXAB
M29 - PTH093G50RXXXAA
M30 - PTH093G50VXXXAA

Indoor Assy



Indoor Assy

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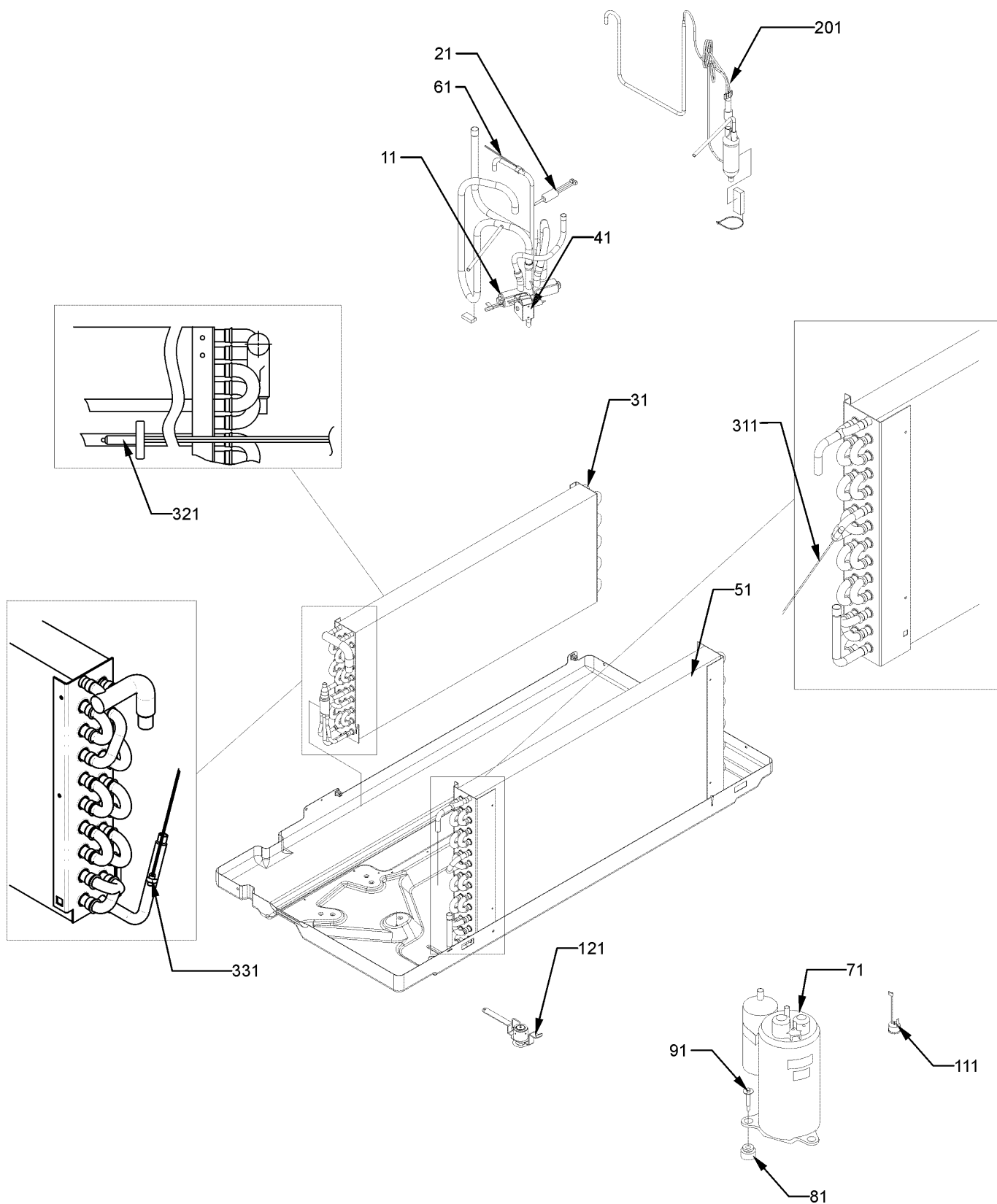
Image 1:

21	0270P01070	SCROLL ASSY
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00019	HEATER ASSY (M3, M4, M5, M6, M7, M8, M9, M10, M11)
51	0275P00022	HEATER ASSY (M1, M2)
51	0275P00038	HEATER ASSY (M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23)
51	0275P00039	HEATER ASSY (M24, M25, M26, M27, M28, M29, M30)
61	0150P00004	WHEEL, BLOWER
71	0131P00029	FAN MOTOR, INDOOR
81	0121P00048	BRACKET-MOTOR MOUNT
101	0130P00075	THERMISTOR - DISCHARGE
NS	0163P00027	BEARING

Expanded Model Nomenclature

M1 - PTH093G15AXXXAB
 M2 - PTH093G15DXXXAB
 M3 - PTH093G25AXXXAA
 M4 - PTH093G25CXXXAA
 M5 - PTH093G25DRXXAA
 M6 - PTH093G25DXXXAA
 M7 - PTH093G25PXXXAB
 M8 - PTH093G25QRXXAB
 M9 - PTH093G25QXXXAB
 M10 - PTH093G25RXXXAA
 M11 - PTH093G25VXXXAB
 M12 - PTH093G35AXXXAA
 M13 - PTH093G35CQXXAB
 M14 - PTH093G35CRXXAA
 M15 - PTH093G35CXXXAA
 M16 - PTH093G35DRXXAA
 M17 - PTH093G35DXXXAA
 M18 - PTH093G35PXXXAA
 M19 - PTH093G35QRXXAA
 M20 - PTH093G35QXXXAA
 M21 - PTH093G35RVXXAB
 M22 - PTH093G35RXXXAA
 M23 - PTH093G35VXXXAA
 M24 - PTH093G50AXXXAA
 M25 - PTH093G50CXXXAA
 M26 - PTH093G50DXXXAA
 M27 - PTH093G50PXXXAB
 M28 - PTH093G50QRXXAB
 M29 - PTH093G50RXXXAA
 M30 - PTH093G50VXXXAA

Tubing Assy



Tubing Assy

Ref. Part No: No:		Description:	Ref. Part No: No:		Description:
Image 1:			Expanded Model Nomenclature		
11	0151P00000	REVERSING VALVE ASSY-230V	M1 - PTH093G15AXXXAB		
21	0130M00132	HIGH PRESSURE SWITCH	M2 - PTH093G15DXXXAB		
31	0202P00065	EVAP ASSY, 5/16, 3 ROW	M3 - PTH093G25AXXXAA		
41	0130P00022	REVERSING VALVE COIL	M4 - PTH093G25CXXXAA		
51	0201P00079	CONDENSER ASSY (M1, M2, M3, M5, M6, M7, M8, M9, M10, M11, M12, M16, M17, M18, M19, M20, M21, M22, M23, M24, M26, M27, M28, M29, M30)	M5 - PTH093G25DRXXAA		
51	0201P00083DG	CONDENSER ASSY PNT (M4, M13, M14, M15, M25)	M6 - PTH093G25DXXXAA		
61	0130P00077	THERMISTOR (M5, M8, M10, M14, M16, M19, M21, M22, M28, M29)	M7 - PTH093G25PXXXAB		
71	44A202A	COMPRESSOR, RECHI	M8 - PTH093G25QRXXAB		
81	60130203	GROMMET - RECHI COMPRESSOR (QTY 3)	M9 - PTH093G25QXXXAB		
91	0163M00079	SCREW, SHOULDER (QTY 3)	M10 - PTH093G25RXXXAA		
111	60343539	OVERLOAD PROTECTOR	M11 - PTH093G25VXXXAB		
121	20406303	BASE PAN VALVE (M1, M2, M3, M4, M5, M6, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M28, M29, M30)	M12 - PTH093G35AXXXAA		
201	0210P00103	CAPILLARY WELDMENT	M13 - PTH093G35CQXXAB		
311	0130P00093	THERMISTOR, .375 CLIP, BLUE	M14 - PTH093G35CRXXAA		
321	0130P00074	THERMISTOR	M15 - PTH093G35CXXXAA		
331	0130P00086	THERMISTOR - INDOOR COIL	M16 - PTH093G35DRXXAA		
NS	60500101	OLP SPRING - RECHI COMPRESSOR	M17 - PTH093G35DXXXAA		
NS	BT1392310	PLASTIC CLAMP, .1875 DIA (M2, M5, M6, M11, M16, M17, M21, M23, M26, M30)	M18 - PTH093G35PXXXAA		
NS	60100314	TERMINAL COVER - RECHI COMP	M19 - PTH093G35QRXXAA		
NS	60100103	TERMINAL GASKET	M20 - PTH093G35QXXXAA		
NS	60100401	TERMINAL NUT - RECHI COMP	M21 - PTH093G35RVXXAB		
NS	60100201	WASHER - RECHI COMPRESSOR	M22 - PTH093G35RXXXAA		
			M23 - PTH093G35VXXXAA		
			M24 - PTH093G50AXXXAA		
			M25 - PTH093G50CXXXAA		
			M26 - PTH093G50DXXXAA		
			M27 - PTH093G50PXXXAB		
			M28 - PTH093G50QRXXAB		
			M29 - PTH093G50RXXXAA		
			M30 - PTH093G50VXXXAA		