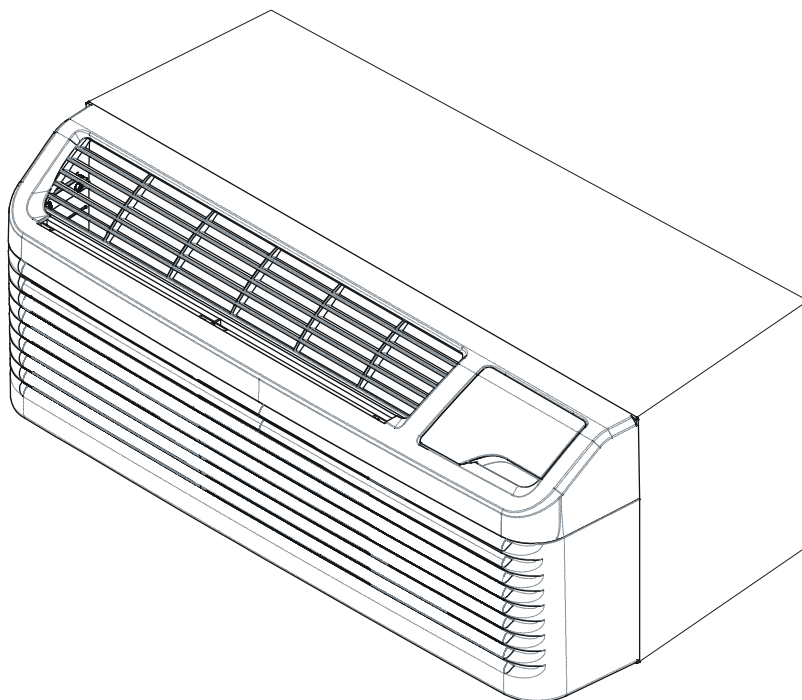


PTH094G Series PTAC Heat Pump

PTH094G15AXXXAA
PTH094G25AXXXAA
PTH094G25CXXXAA
PTH094G25DRXXAA
PTH094G25QXXXAA
PTH094G25RXXXAA
PTH094G35AXXXAA
PTH094G35CXXXAA
PTH094G35DXXXAA
PTH094G35QRXXAA
PTH094G35QXXXAA
PTH094G35RXXXAA
PTH094G35VXXXAA
PTH094G50AXXXAA
PTH094G50CXXXAA
PTH094G50RXXXAA



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This manual is to be used by qualified technicians only.

This manual replaces RP-734A.

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Important Information

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Views shown are for parts illustrations only, not servicing procedures

This system uses R410A refrigerant. If sealed system work is required, use approved equipment and follow service procedures. Refer to Service Manual or Installation Instructions for service procedures.

Rev. B: Added model PTH094G15AXXX

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:

CAP020250450CS	CAPACITOR 2/25/450V/DUAL RD
44A207A	COMPRESSOR, RECHI
RSKP0005	CONTROL PANEL COVER AND MEMBRANE
11114701	CORD 277 VAC, 20A (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
11114801	CORD 277 VAC, 30A (M14, M15, M16)
0131P00029	FAN MOTOR, INDOOR
0131P00034	FAN MOTOR, OUTDOOR
0161P00030	FAN, CONDENSER
0275P00041	HEATER ASSY (M14, M15, M16)
0275P00040	HEATER ASSY (M7, M8, M9, M10, M11, M12, M13)
0275P00023	HEATER ASSY (M2, M3, M4, M5, M6)
0275P00026	HEATER ASSY (M1)
0130M00132	HIGH PRESSURE SWITCH
60343516	OVERLOAD PROTECTOR
PCBCP134	PCB, CONTROL, M61
11172801	POWER VENT MOTOR (M4, M9, M13)
0130M00097	RELAY
C8873932	RELAY (POWER VENT) (M4, M9, M13)
0151P00001	REVERSING VALVE ASSY-265V
0130P00022	REVERSING VALVE COIL
B1160701	TERMINAL BOARD (M4, M9, M13)
0130P00075	THERMISTOR
0130P00074	THERMISTOR
0130P00077	THERMISTOR - INDOOR (M4, M6, M10, M12, M16)
0130P00086	THERMISTOR .312 CLIP, RED
0130P00093	THERMISTOR .375 CLIP, BLUE
0130P00098	THERMISTOR-OUTDOOR AMBIENT (M4, M6, M10, M12, M16)
0130M00152	TRANSFORMER
0130M00151	TRANSFORMER 277V to 24V, 40VA (M4, M9, M13)
PCBEP100	VARIABLE SPEED TERMINAL BOARD
0150P00004	WHEEL, BLOWER

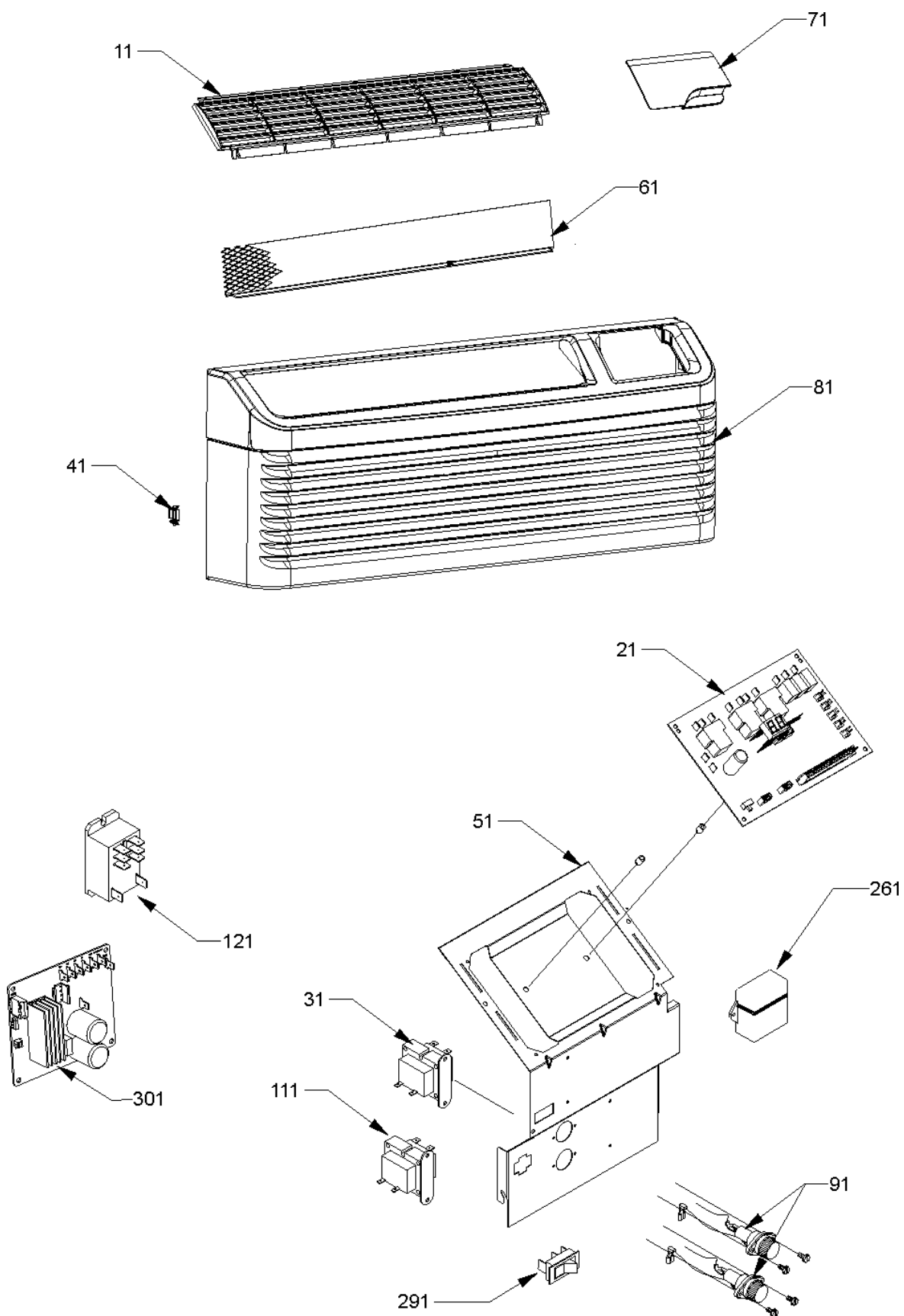
Expanded Model Nomenclature

M1 - PTH094G15AXXXAA
M2 - PTH094G25AXXXAA
M3 - PTH094G25CXXXAA
M4 - PTH094G25DRXXXAA
M5 - PTH094G25QXXXAA
M6 - PTH094G25RXXXAA
M7 - PTH094G35AXXXAA
M8 - PTH094G35CXXXAA
M9 - PTH094G35DXXXAA
M10 - PTH094G35QRXXXAA
M11 - PTH094G35QXXXAA
M12 - PTH094G35RXXXAA
M13 - PTH094G35VXXXAA
M14 - PTH094G50AXXXAA
M15 - PTH094G50CXXXAA
M16 - PTH094G50RXXXAA

SPECIAL PARTS

A3410402	FUSE 15A (M1, M2, M3, M4, M5, M6)
A3410403	FUSE 20A (M7, M8, M9, M10, M11, M12, M13)
A3410404	FUSE 25A (M14, M15, M16)

Front Assy



Front Assy

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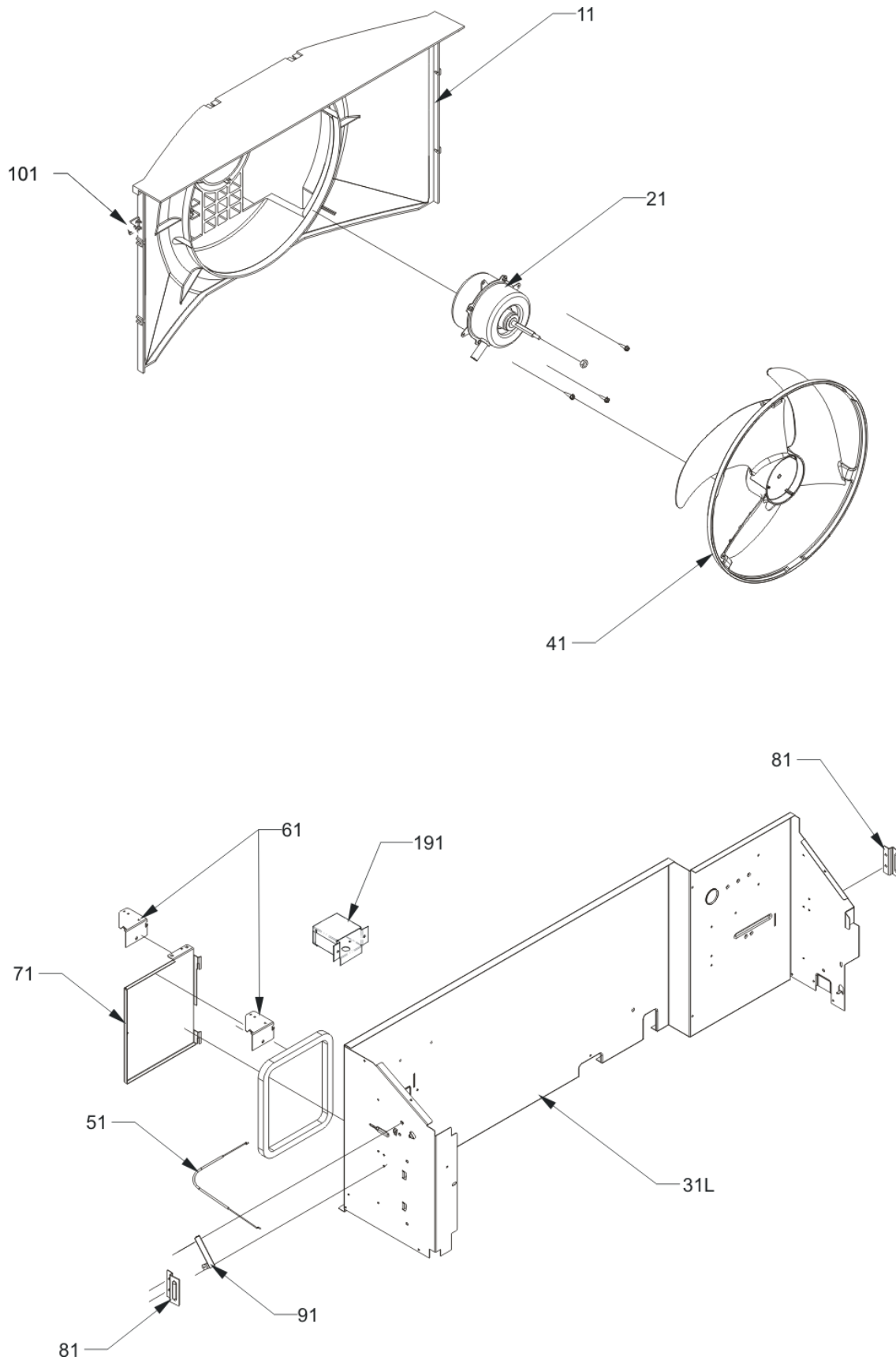
Image 1:

11	0161P00033	FRONT-DICHARGE LOUVERS
21	PCBCP134	PCB, CONTROL, M61
31	0130M00152	TRANSFORMER
41	0163P00025	CLIP (QTY 2)
51	0121P00129	COVER-CONTROL PANEL
61	0121P00073	SCREEN, DISCHARGE
71	0261P00003	DOOR ASSY -AMANA-
81	0261P00011	FRONT ASSY
91	C6476001	BAYONET FUSE HOLDER (M1, M2, M3, M4, M5, M6)
91	C6476002	BAYONET FUSE HOLDER (M7, M8, M9, M10, M11, M12, M13)
91	C6476003	BAYONET FUSE HOLDER (M14, M15, M16)
111	0130M00151	TRANSFORMER 277V to 24V, 40VA (M4, M9, M13)
121	0130M00097	RELAY
121	C8873932	RELAY (POWER VENT) (M4, M9, M13)
261	0130P00104	ANTENNA (M4, M6, M10, M12, M16)
291	B1337701	PADDLE SWITCH (M4, M9, M13)
301	PCBEP100	VARIABLE SPEED TERMINAL BOARD
NS	0161P00035	FILTER, RACK (QTY 2)
NS	A3410402	FUSE 15A (M1, M2, M3, M4, M5, M6)
NS	A3410403	FUSE 20A (M7, M8, M9, M10, M11, M12, M13)
NS	A3410404	FUSE 25A (M14, M15, M16)
NS	B1160701	TERMINAL BOARD (M4, M9, M13)

Expanded Model Nomenclature

M1 - PTH094G15AXXXAA
 M2 - PTH094G25AXXXAA
 M3 - PTH094G25CXXXAA
 M4 - PTH094G25DRXXAA
 M5 - PTH094G25QXXXAA
 M6 - PTH094G25RXXXAA
 M7 - PTH094G35AXXXAA
 M8 - PTH094G35CXXXAA
 M9 - PTH094G35DXXXAA
 M10 - PTH094G35QRXXAA
 M11 - PTH094G35QXXXAA
 M12 - PTH094G35RXXXAA
 M13 - PTH094G35VXXXAA
 M14 - PTH094G50AXXXAA
 M15 - PTH094G50CXXXAA
 M16 - PTH094G50RXXXAA

Chassis Control Panel



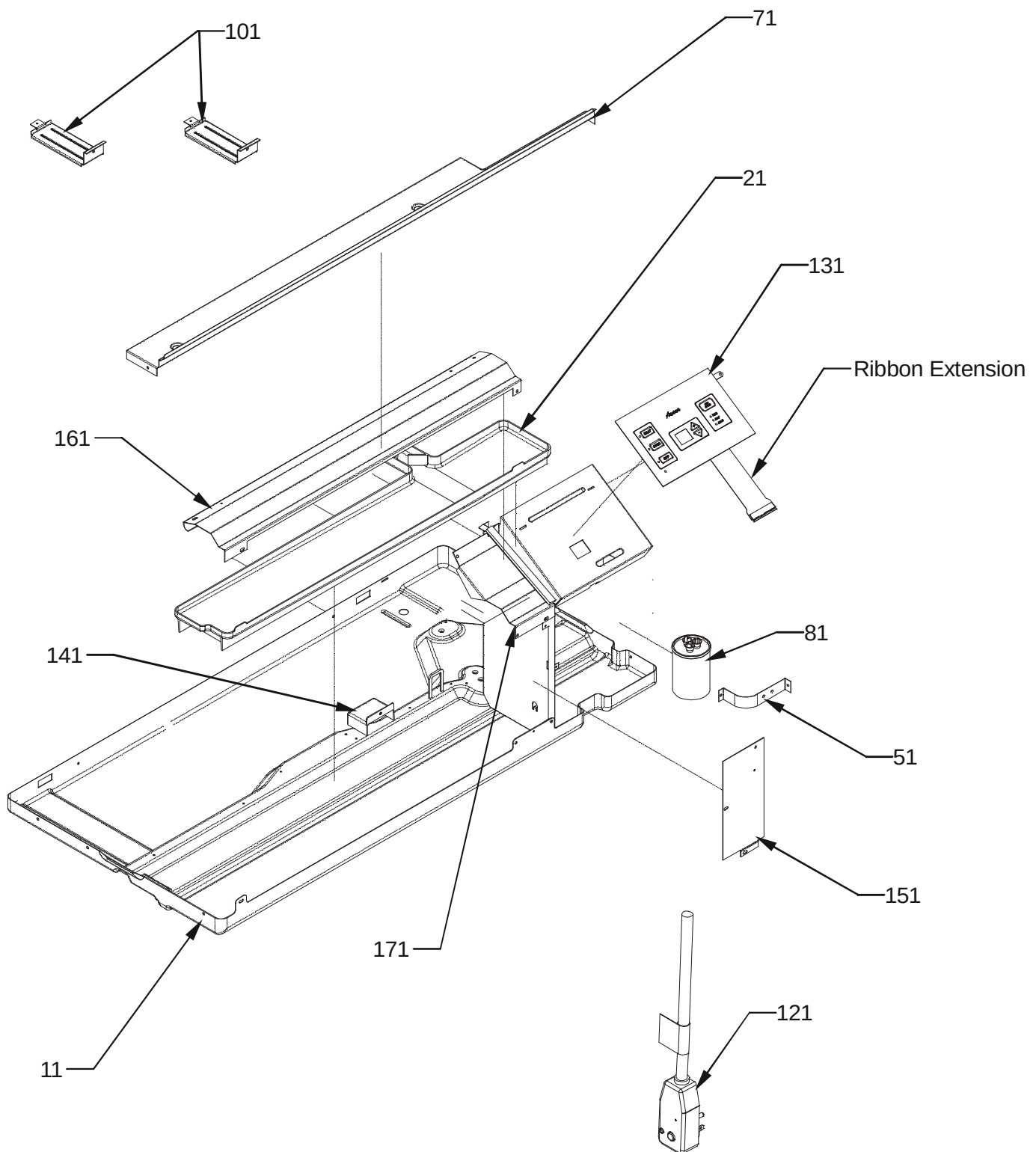
Chassis Control Panel

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0161P00026		SHROUD, CONDENSER
21	0131P00034		FAN MOTOR, OUTDOOR
31	0121P00093		PANEL-PARTITION (M5, M10, M11)
31	0121P00108DG		PANEL-PARTITION PNT (M1, M2, M3, M4, M6, M7, M8, M9, M12, M13, M14, M15, M16)
41	0161P00030		FAN, CONDENSER
51	0163P00019		CABLE (M1, M2, M3, M6, M7, M8, M12, M14, M15, M16)
61	0121P00079		BRACKET, VENT DOOR (M4, M9, M13)
61	0121P00072DG		BRACKET, VENT DOOR-C (M1, M2, M3, M6, M7, M8, M12, M14, M15, M16)
61	0121P00080		BRKT, POWER VENT (M4, M9, M13)
61	11166101		POWER VENT MOTOR BRACKET (M4, M9, M13)
71	11046105PDG		VENT DOOR (M1, M2, M3, M4, M6, M7, M8, M9, M12, M13, M14, M15, M16)
81	11191703		PARTITION PANEL BRACKET (QTY 2)
91	11046302		LEVER ARM (M1, M2, M3, M6, M7, M8, M12, M14, M15, M16)
101	0130P00077		THERMISTOR - INDOOR (M4, M6, M10, M12, M16)
191	0270P00997		POWER DOOR ASSY (M4, M9)
NS	11166401		EXTENSION SPRING (M4, M9, M13)
NS	0121P00091		PANEL-AUXILLIARY (M5, M10, M11)
NS	11166201		POWER VENT COVER BRACKET (M4, M9, M13)
NS	11172801		POWER VENT MOTOR (M4, M9, M13)

Expanded Model Nomenclature

M1 - PTH094G15AXXXAA
M2 - PTH094G25AXXXAA
M3 - PTH094G25CXXXAA
M4 - PTH094G25DRXXXAA
M5 - PTH094G25QXXXAA
M6 - PTH094G25RXXXAA
M7 - PTH094G35AXXXAA
M8 - PTH094G35CXXXAA
M9 - PTH094G35DXXXAA
M10 - PTH094G35QRXXXAA
M11 - PTH094G35QXXXAA
M12 - PTH094G35RXXXAA
M13 - PTH094G35VXXXAA
M14 - PTH094G50AXXXAA
M15 - PTH094G50CXXXAA
M16 - PTH094G50RXXXAA

Partition Assy



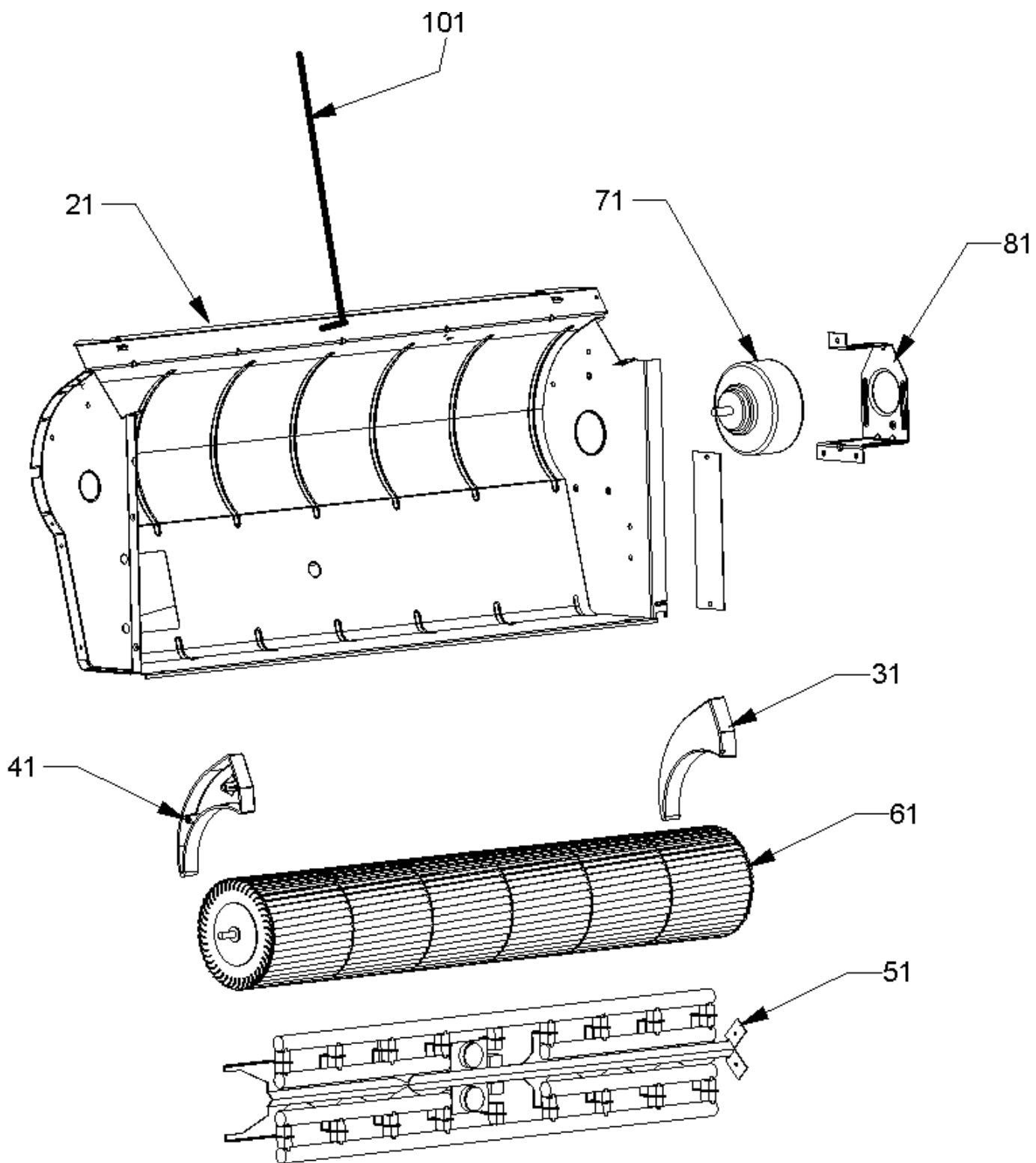
Partition Assy

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0121P00133DG		BASE PAN, PNT (M1, M2, M4, M5, M6, M7, M9, M10, M11, M12, M13, M14, M16)
11	0121P00133BR		BASEPAN, PNT (M3, M8, M15)
21	0161P00044		PLASTIC-DRAIN PAN
51	C6300502		CAPACITOR STRAP
71	0121P00063DG		TOP, PARTITION PANEL PNT
81	CAP020250450CS		CAPACITOR 2/25/450V/DUAL RD
101	0121P00071DG		BRACE, TIE PNT (QTY 2)
121	11114701		CORD 277 VAC, 20A (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
121	11114801		CORD 277 VAC, 30A (M14, M15, M16)
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 - PTH094G15AXXXAA
M2 - PTH094G25AXXXAA
M3 - PTH094G25CXXXAA
M4 - PTH094G25DRXXAA
M5 - PTH094G25QXXXAA
M6 - PTH094G25RXXXAA
M7 - PTH094G35AXXXAA
M8 - PTH094G35CXXXAA
M9 - PTH094G35DXXXAA
M10 - PTH094G35QRXXAA
M11 - PTH094G35QXXXAA
M12 - PTH094G35RXXXAA
M13 - PTH094G35VXXXAA
M14 - PTH094G50AXXXAA
M15 - PTH094G50CXXXAA
M16 - PTH094G50RXXXAA

Indoor Assy



Indoor Assy

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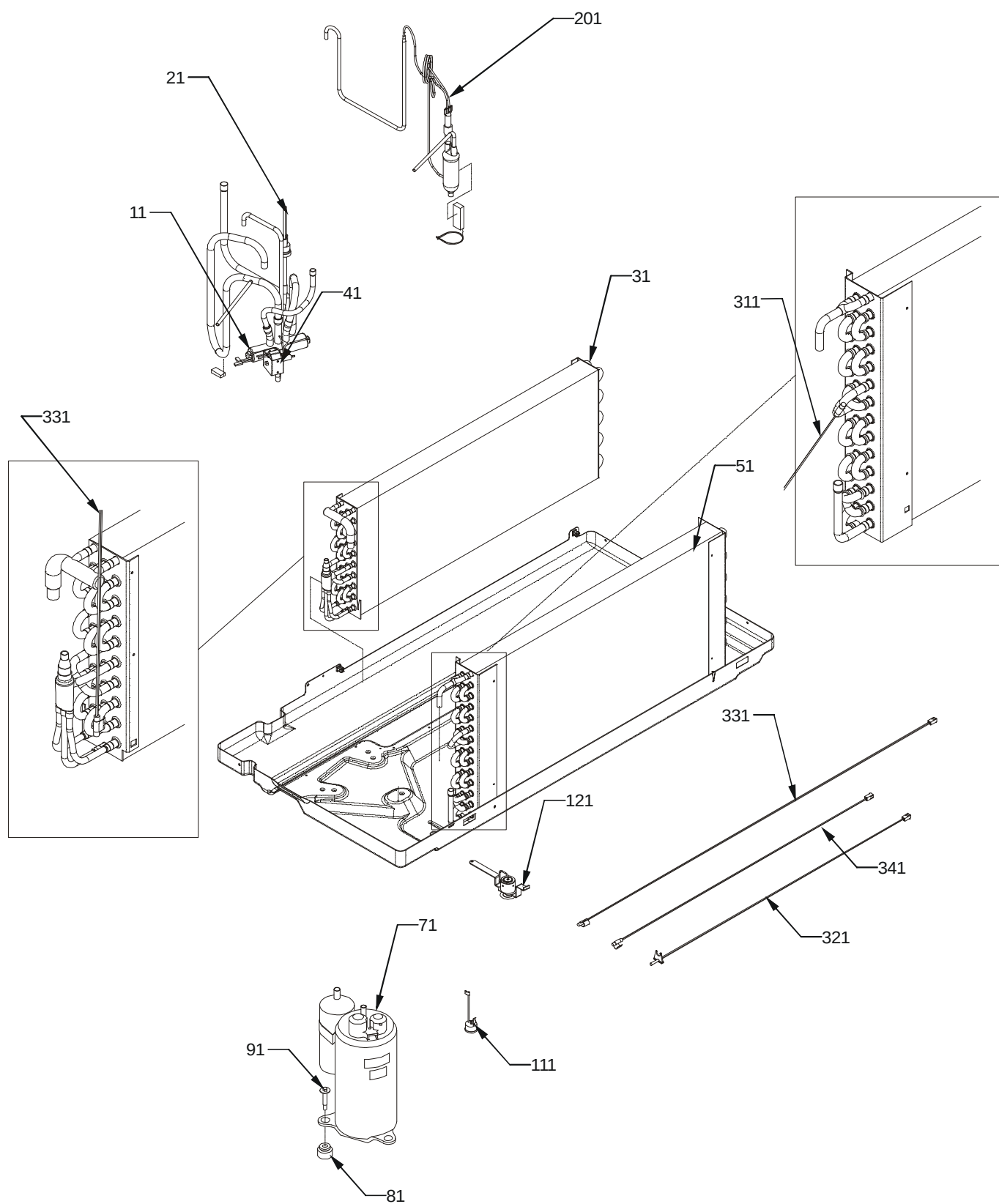
Image 1:

21	0270P01070	SCROLL ASSY
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00023	HEATER ASSY (M2, M3, M4, M5, M6)
51	0275P00026	HEATER ASSY (M1)
51	0275P00040	HEATER ASSY (M7, M8, M9, M10, M11, M12, M13)
51	0275P00041	HEATER ASSY (M14, M15, M16)
61	0150P00004	WHEEL, BLOWER
71	0131P00029	FAN MOTOR, INDOOR
81	0121P00048	BRACKET-MOTOR MOUNT
NS	0163P00027	BEARING

Expanded Model Nomenclature

M1 - PTH094G15AXXXAA
 M2 - PTH094G25AXXXAA
 M3 - PTH094G25CXXXAA
 M4 - PTH094G25DRXXAA
 M5 - PTH094G25QXXXAA
 M6 - PTH094G25RXXXAA
 M7 - PTH094G35AXXXAA
 M8 - PTH094G35CXXXAA
 M9 - PTH094G35DXXXAA
 M10 - PTH094G35QRXXAA
 M11 - PTH094G35QXXXAA
 M12 - PTH094G35RXXXAA
 M13 - PTH094G35VXXXAA
 M14 - PTH094G50AXXXAA
 M15 - PTH094G50CXXXAA
 M16 - PTH094G50RXXXAA

Tubing Assy



Tubing Assy

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0151P00001		REVERSING VALVE ASSY-265V
21	0130M00132		HIGH PRESSURE SWITCH
31	0202P00065		EVAP ASSY, 5/16, 3 ROW
41	0130P00022		REVERSING VALVE COIL
51	0201P00079		CONDENSER ASSY (M1, M2, M4, M5, M6, M7, M9, M10, M11, M12, M13, M14, M16)
51	0201P00083		CONDENSER ASSY (M3, M8, M15)
51	0201P00083DG		CONDENSER ASSY PNT (M3, M8, M15)
71	44A207A		COMPRESSOR, RECHI
81	60130203		GROMMET - RECHI COMPRESSOR (QTY 3)
91	0163M00079		SCREW, SHOULDER (QTY 3)
101	0130P00075		THERMISTOR
111	60343516		OVERLOAD PROTECTOR
121	20406303		BASE PAN VALVE
201	0210P00124		CAPILLARY WELDMENT
311	0130P00098		THERMISTOR-OUTDOOR AMBIENT (M4, M6, M10, M12, M16)
321	0130P00086		THERMISTOR .312 CLIP, RED
331	0130P00093		THERMISTOR .375 CLIP, BLUE
341	0130P00074		THERMISTOR
NS	60500101		OLP SPRING - RECHI COMPRESSOR
NS	BT1392310		PLASTIC CLAMP, .1875 DIA (M4, M9, M13)
NS	60100314		TERMINAL COVER - RECHI COMP
NS	60100103		TERMINAL GASKET
NS	60100401		TERMINAL NUT - RECHI COMP
NS	60100201		WASHER - RECHI COMPRESSOR

Expanded Model Nomenclature

M1 - PTH094G15AXXXAA
M2 - PTH094G25AXXXAA
M3 - PTH094G25CXXXAA
M4 - PTH094G25DRXXAA
M5 - PTH094G25QXXXAA
M6 - PTH094G25RXXXAA
M7 - PTH094G35AXXXAA
M8 - PTH094G35CXXXAA
M9 - PTH094G35DXXXAA
M10 - PTH094G35QRXXAA
M11 - PTH094G35QXXXAA
M12 - PTH094G35RXXXAA
M13 - PTH094G35VXXXAA
M14 - PTH094G50AXXXAA
M15 - PTH094G50CXXXAA
M16 - PTH094G50RXXXAA