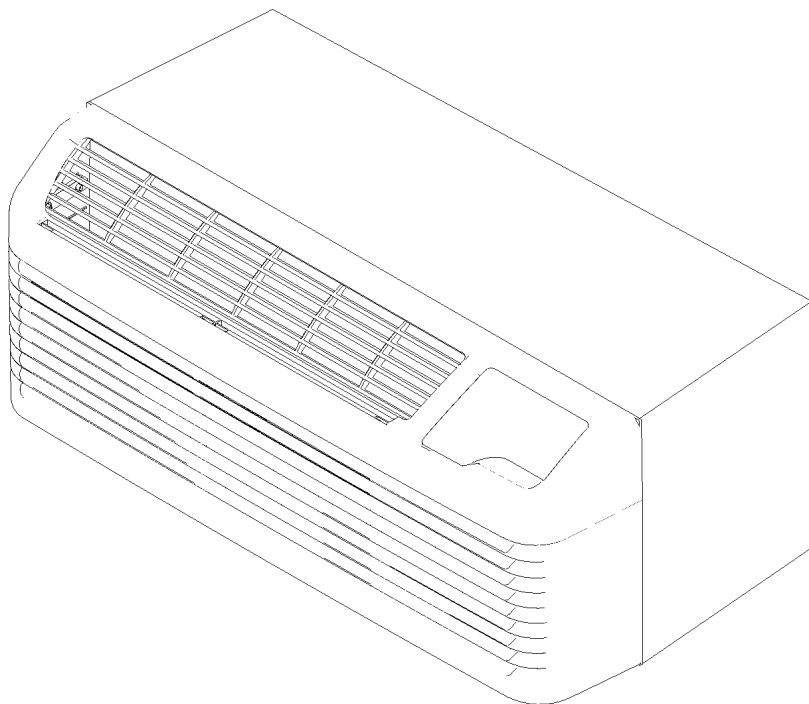


PTH154G Package Terminal Heat Pump

PTH154G25AXXXAA
PTH154G25CXXXAA
PTH154G25DRXXAA
PTH154G25DXXXAA
PTH154G25RXXXAA
PTH154G35AXXXAA
PTH154G35CXXXAA
PTH154G35QRXXAA
PTH154G35QXXXAA
PTH154G35RXXXAA
PTH154G35VXXXAA
PTH154G50AXXXAA
PTH154G50CXXXAA
PTH154G50RXXXAA
PTH154G50VXXXAA



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This manual is to be used by qualified technicians only.

This manual replaces RP-738B.

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Important Information

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Functional Parts List	3
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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:

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

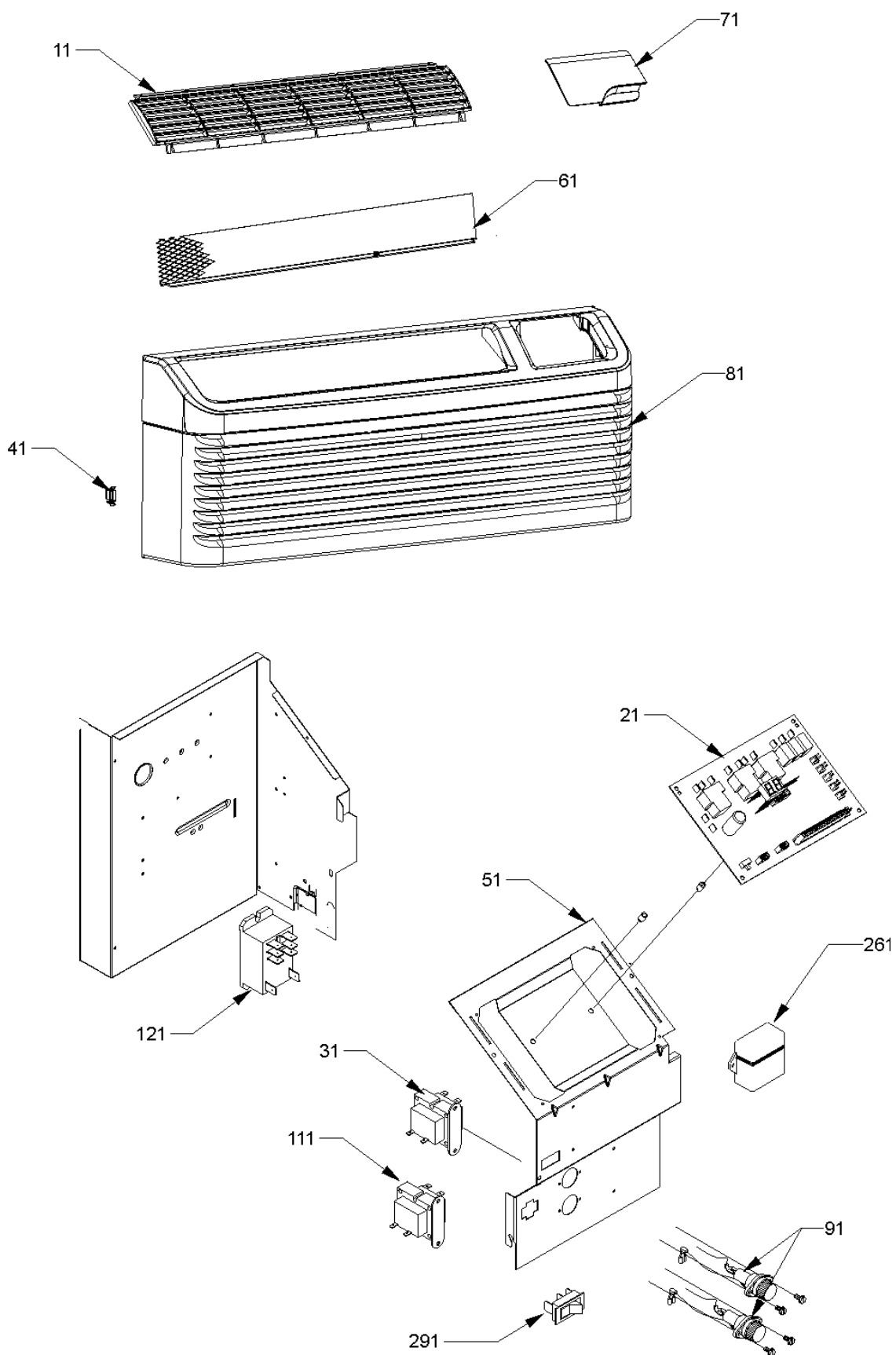
No: Description:

CAP015000500RP	CAPACITOR
CAP020250450CS	CAPACITOR 2/25/450V/DUAL RD
50A367Q	COMPRESSOR, RECHI
RSKP0010	CONTROL BOARD M61
RSKP0005	CONTROL PANEL COVER AND MEMBRANE
11114701	CORD 277 VAC, 20A (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11)
11114801	CORD 277 VAC, 30A (M12, M13, M14, M15)
0130M00132	CUT-OUT SWITCH, HIGH PRESSURE
0131P00038	FAN MOTOR, INDOOR
0131P00026	FAN MOTOR, OUTDOOR
0161P00030	FAN, CONDENSER
A3410402	FUSE 15A (M1, M2, M3, M4, M5)
A3410403	FUSE 20A (M6, M7, M8, M9, M10, M11)
A3410404	FUSE 25A (M12, M13, M14, M15)
0275P00023	HEATER ASSY (M1, M2, M3, M4, M5)
0275P00041	HEATER ASSY (M12, M13, M14, M15)
0275P00040	HEATER ASSY (M6, M7, M8, M9, M10, M11)
60343525	OVERLOAD PROTECTOR
0130M00097	RELAY
C8873932	RELAY (POWER VENT) (M3, M4, M11, M15)
0151P00001	REVERSING VALVE ASSY-265V
0130P00022	REVERSING VALVE COIL
0130P00074	THERMISTOR
0130P00093	THERMISTOR
0130P00075	THERMISTOR - DISCHARGE
0130P00077	THERMISTOR - INDOOR (M3, M5, M8, M10, M14)
0130P00086	THERMISTOR - INDOOR COIL
0130P00098	THERMISTOR - OUTDOOR AMBIENT (M3, M5, M8, M10, M14)
0130M00152	TRANSFORMER
0130M00151	TRANSFORMER 277V to 24V, 40VA (M3, M4, M11, M15)
0150P00004	WHEEL, BLOWER

Expanded Model Nomenclature

M1 - PTH154G25AXXXAA
 M2 - PTH154G25CXXXAA
 M3 - PTH154G25DRXXAA
 M4 - PTH154G25DXXXAA
 M5 - PTH154G25RXXXAA
 M6 - PTH154G35AXXXAA
 M7 - PTH154G35CXXXAA
 M8 - PTH154G35QRXXAA
 M9 - PTH154G35QXXXAA
 M10 - PTH154G35RXXXAA
 M11 - PTH154G35VXXXAA
 M12 - PTH154G50AXXXAA
 M13 - PTH154G50CXXXAA
 M14 - PTH154G50RXXXAA
 M15 - PTH154G50VXXXAA

Front Assy



Front Assy

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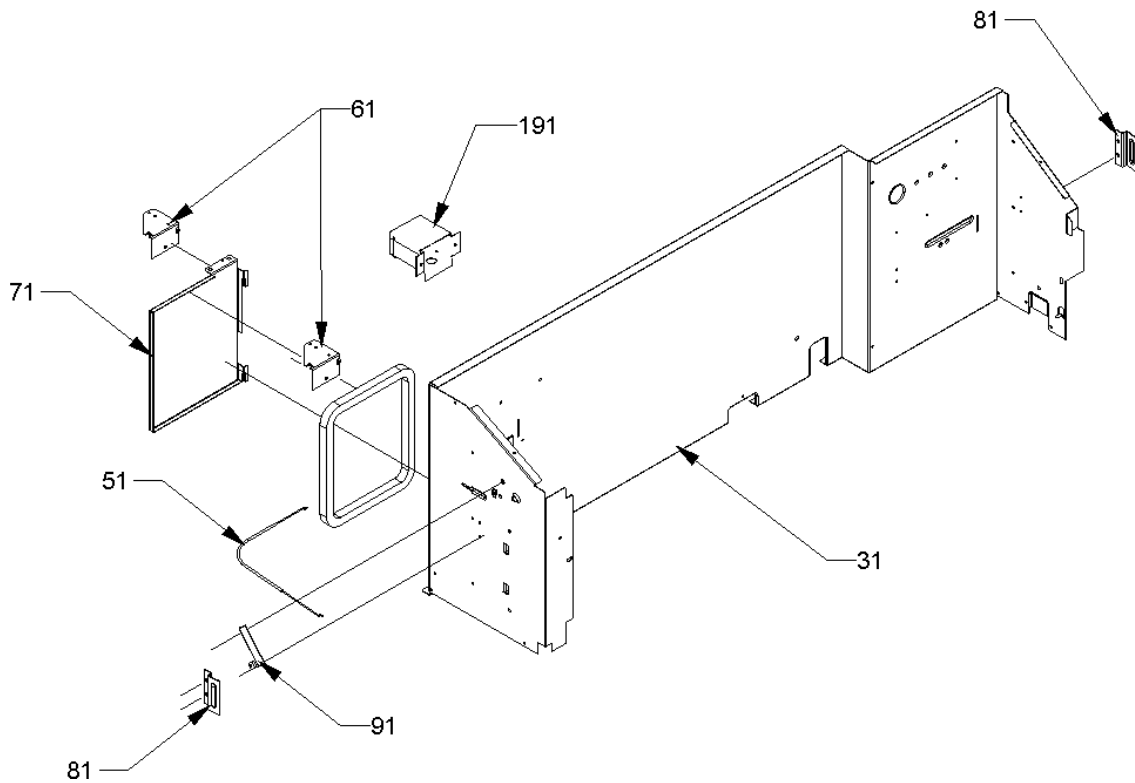
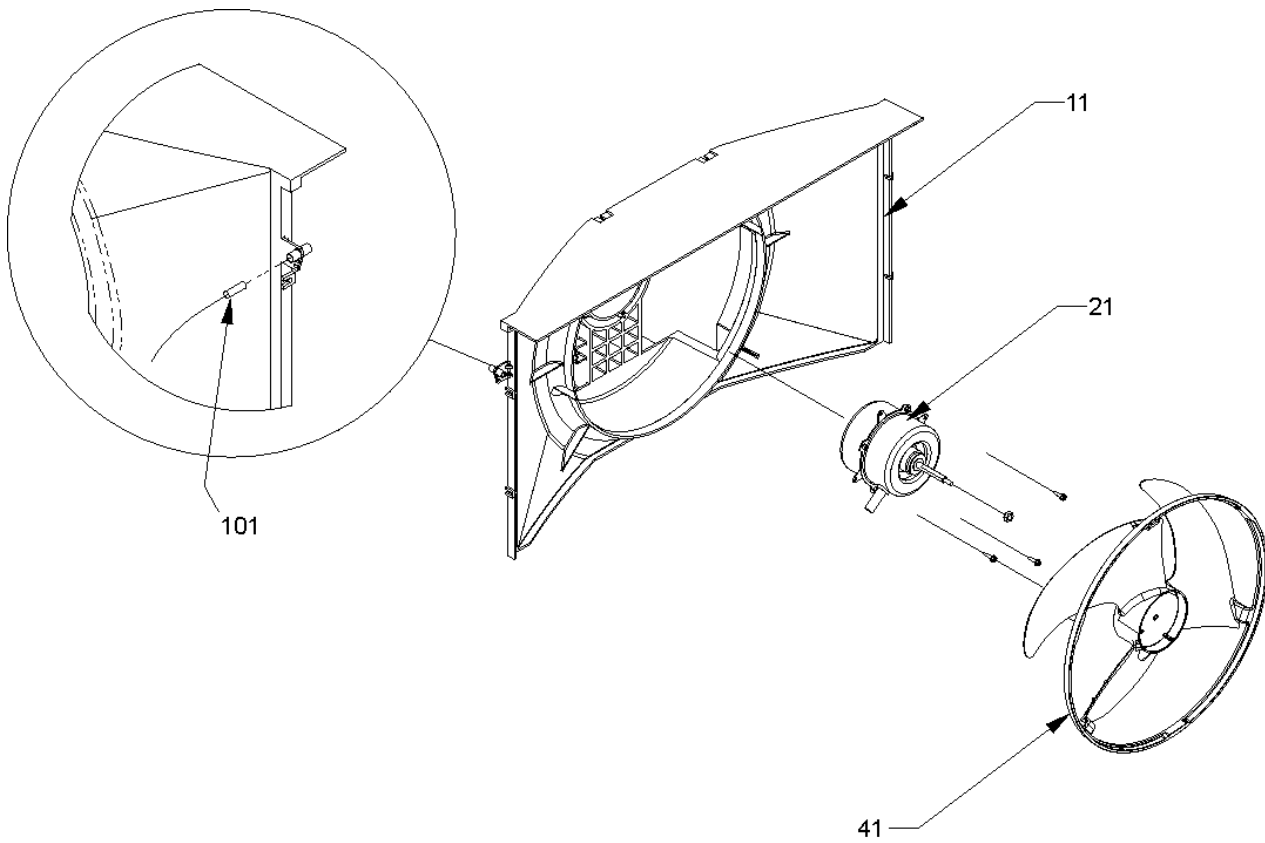
Image 1:

11	0161P00033	FRONT-DISCHARGE LOUVERS
21	RSKP0010	CONTROL BOARD M61
31	0130M00152	TRANSFORMER
41	0163P00025	CLIP (QTY 2)
51	0121P00001P	CONTROL PANEL COVER
61	0121P00073	SCREEN, DISCHARGE
71	0261P00003	DOOR ASSY -AMANA-
81	0261P00011	FRONT ASSY
91	C6476001	BAYONET FUSE HOLDER (M1, M2, M3, M4, M5)
91	C6476002	BAYONET FUSE HOLDER (M6, M7, M8, M9, M10, M11)
91	C6476003	BAYONET FUSE HOLDER (M12, M13, M14, M15)
111	0130M00151	TRANSFORMER 277V to 24V, 40VA (M3, M4, M11, M15)
121	0130M00097	RELAY
121	C8873932	RELAY (POWER VENT) (M3, M4, M11, M15)
261	DT01G	ANTENNA (M3, M5, M8, M10, M14)
291	B1337701	PADDLE SWITCH (M3, M4, M11, M15)
NS	0161P00035	FILTER, RACK (QTY 2)
NS	A3410402	FUSE 15A (M1, M2, M3, M4, M5)
NS	A3410403	FUSE 20A (M6, M7, M8, M9, M10, M11)
NS	A3410404	FUSE 25A (M12, M13, M14, M15)
NS	B1160701	TERMINAL BOARD (M3, M4, M11, M15)

Expanded Model Nomenclature

M1 - PTH154G25AXXXAA
M2 - PTH154G25CXXXAA
M3 - PTH154G25DRXXXAA
M4 - PTH154G25DXXXAA
M5 - PTH154G25RXXXAA
M6 - PTH154G35AXXXAA
M7 - PTH154G35CXXXAA
M8 - PTH154G35QRXXXAA
M9 - PTH154G35QXXXAA
M10 - PTH154G35RXXXAA
M11 - PTH154G35VXXXAA
M12 - PTH154G50AXXXAA
M13 - PTH154G50CXXXAA
M14 - PTH154G50RXXXAA
M15 - PTH154G50VXXXAA

Chassis Control Panel



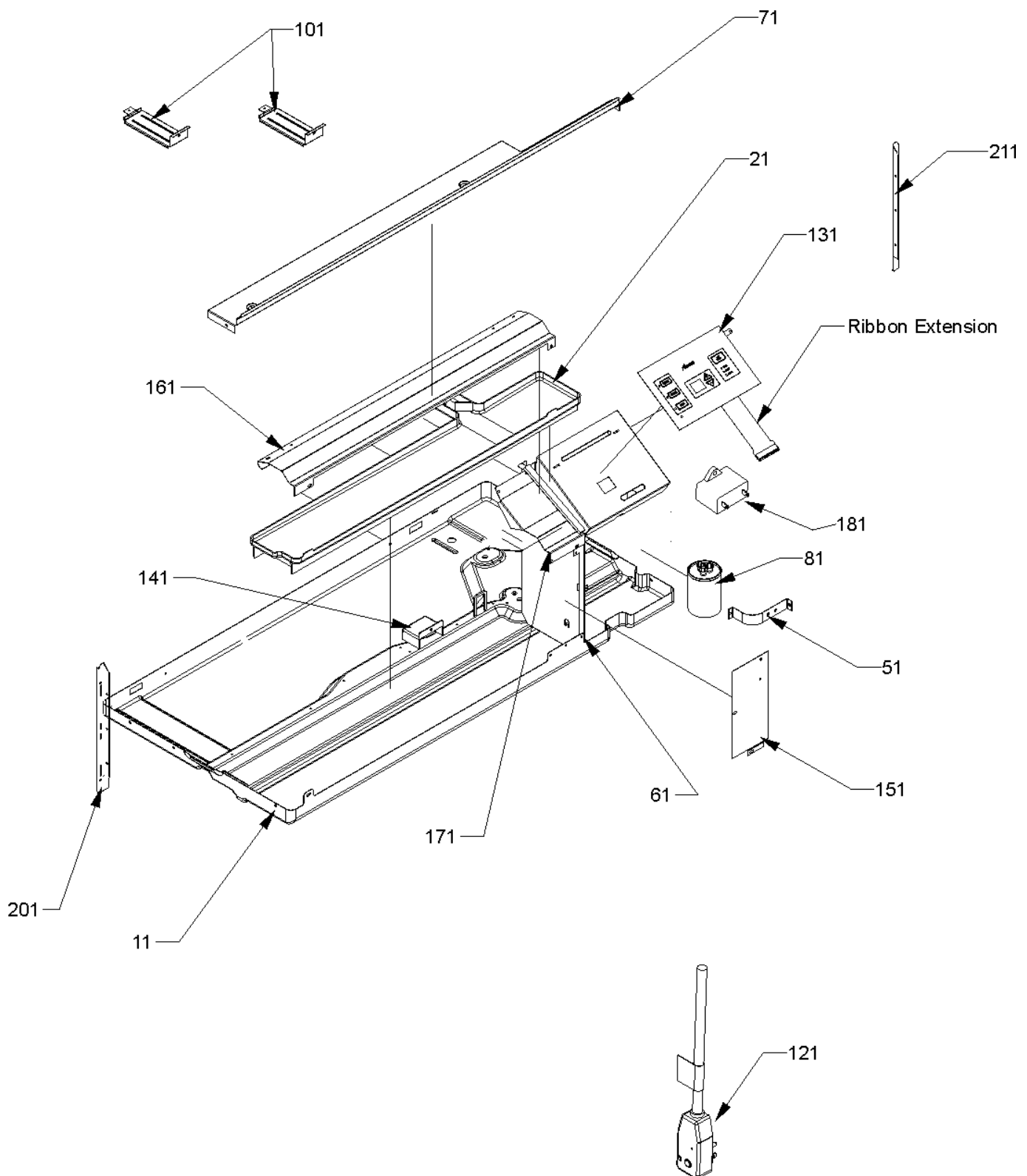
Chassis Control Panel

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>			
11	0161P00026		SHROUD, CONDENSER
21	0131P00026		FAN MOTOR, OUTDOOR
31	0121P00108DG		PANEL-PARTITION PNT
41	0161P00030		FAN, CONDENSER
51	0163P00019		CABLE
61	0121P00080		BRACKET, POWER VENT (M3, M4, M11, M15)
61	0121P00079		BRACKET, VENT DOOR (M3, M4, M11, M15)
61	0121P00072DG		BRACKET, VENT DOOR-C (M1, M2, M5, M6, M7, M10, M12, M13, M14)
71	11046105PDG		VENT DOOR (M2, M7, M13)
81	11191703		PARTITION PANEL BRACKET (QTY 2)
91	11046302		LEVER ARM (M1, M2, M5, M6, M7, M10, M12, M13, M14)
101	0130P00098		THERMISTOR - OUTDOOR AMBIENT (M3, M5, M8, M10, M14)
191	0270P00997		POWER DOOR ASSY (M3, M4)
NS	11166401		EXTENSION SPRING (M3, M4, M11, M15)
NS	0121P00091		PANEL-AUXILLIARY (M8, M9)
NS	0121P00093		PANEL-PARTITION (M8, M9)
NS	11166201		POWER VENT COVER BRACKET (M3, M4, M11, M15)
NS	11172801		POWER VENT MOTOR (M3, M4, M11, M15)
NS	11166101		POWER VENT MOTOR BRACKET (M3, M4, M11, M15)

Expanded Model Nomenclature

M1 - PTH154G25AXXXAA
 M2 - PTH154G25CXXXAA
 M3 - PTH154G25DRXXAA
 M4 - PTH154G25DXXXAA
 M5 - PTH154G25RXXXAA
 M6 - PTH154G35AXXXAA
 M7 - PTH154G35CXXXAA
 M8 - PTH154G35QRXXAA
 M9 - PTH154G35QXXXAA
 M10 - PTH154G35RXXXAA
 M11 - PTH154G35VXXXAA
 M12 - PTH154G50AXXXAA
 M13 - PTH154G50CXXXAA
 M14 - PTH154G50RXXXAA
 M15 - PTH154G50VXXXAA

Partition Assy



Partition Assy

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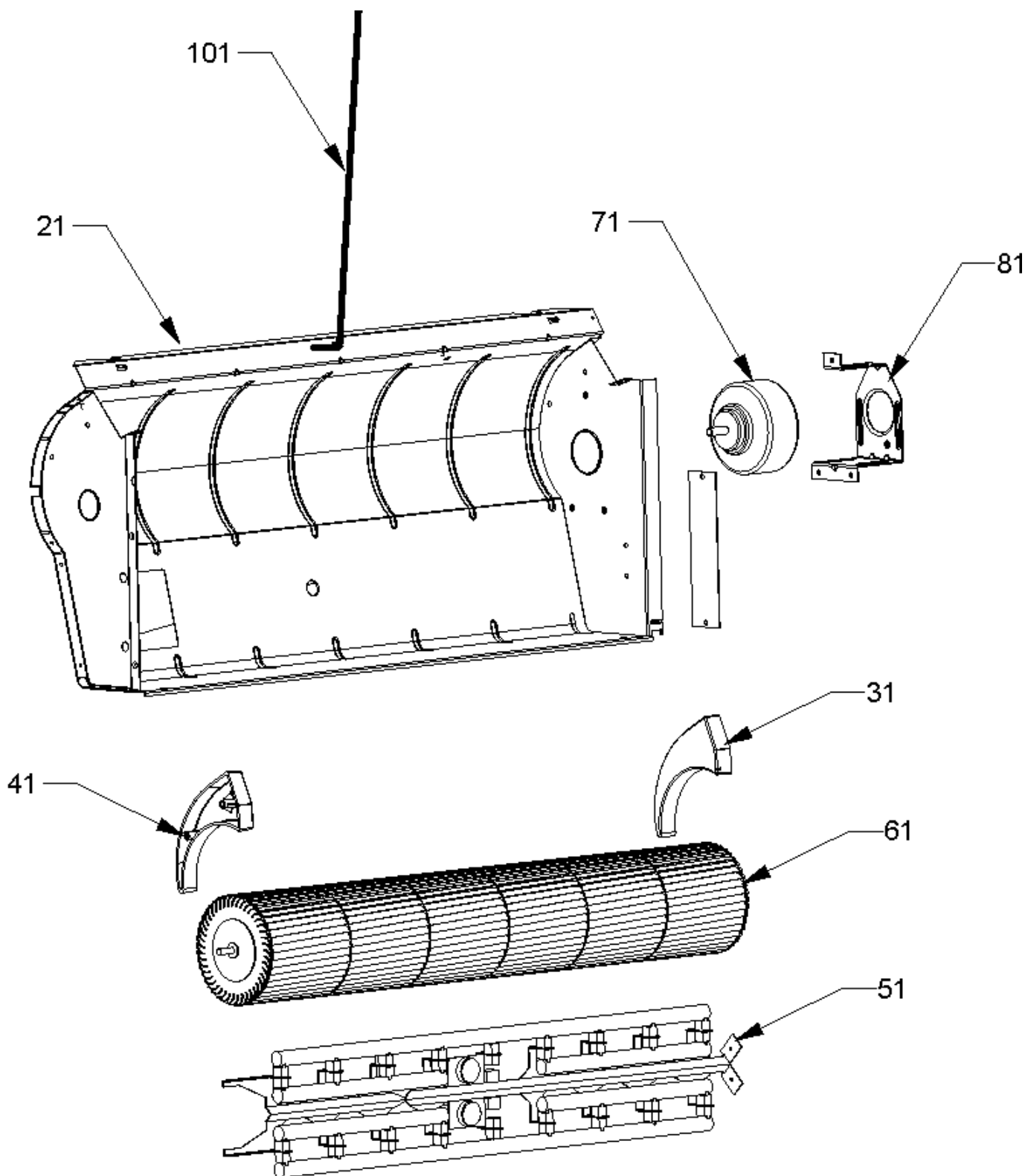
Image 1:

11	0121P00056BR	BASEPAN, PNT (M2, M7, M13)
11	0121P00056DG	BASEPAN, PNT (M1, M3, M4, M5, M6, M8, M9, M10, M11, M12, M14, M15)
21	0161P00044	PLASTIC-DRAIN PAN
51	C6300502	CAPACITOR STRAP
61	20403301	MID PARTITION PANEL
71	0121P00063DG	TOP, PARTITION PANEL
81	CAP015000500RP	CAPACITOR
101	0121P00071DG	BRACE, TIE (QTY 2)
121	11114701	CORD 277 VAC, 20A (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11)
121	11114801	CORD 277 VAC, 30A (M12, M13, M14, M15)
131	RSKP0005	CONTROL PANEL COVER AND MEMBRANE
141	0161P00016	PLASTIC-HOOD
151	20410801	ACCESS COVER
161	0121P00061DG	CUTOFF-SCROLL DG
171	0121P00070DG	COVER, MOTOR
181	CAP020250450CS	CAPACITOR 2/25/450V/DUAL RD
201	20416101	SEAL-R SIDE PTC
211	20416201	SEAL-L SIDE PTC

Expanded Model Nomenclature

M1 - PTH154G25AXXXAA
 M2 - PTH154G25CXXXAA
 M3 - PTH154G25DRXXXAA
 M4 - PTH154G25DXXXAA
 M5 - PTH154G25RXXXAA
 M6 - PTH154G35AXXXAA
 M7 - PTH154G35CXXXAA
 M8 - PTH154G35QRXXXAA
 M9 - PTH154G35QXXXAA
 M10 - PTH154G35RXXXAA
 M11 - PTH154G35VXXXAA
 M12 - PTH154G50AXXXAA
 M13 - PTH154G50CXXXAA
 M14 - PTH154G50RXXXAA
 M15 - PTH154G50VXXXAA

Indoor Assy



Indoor Assy

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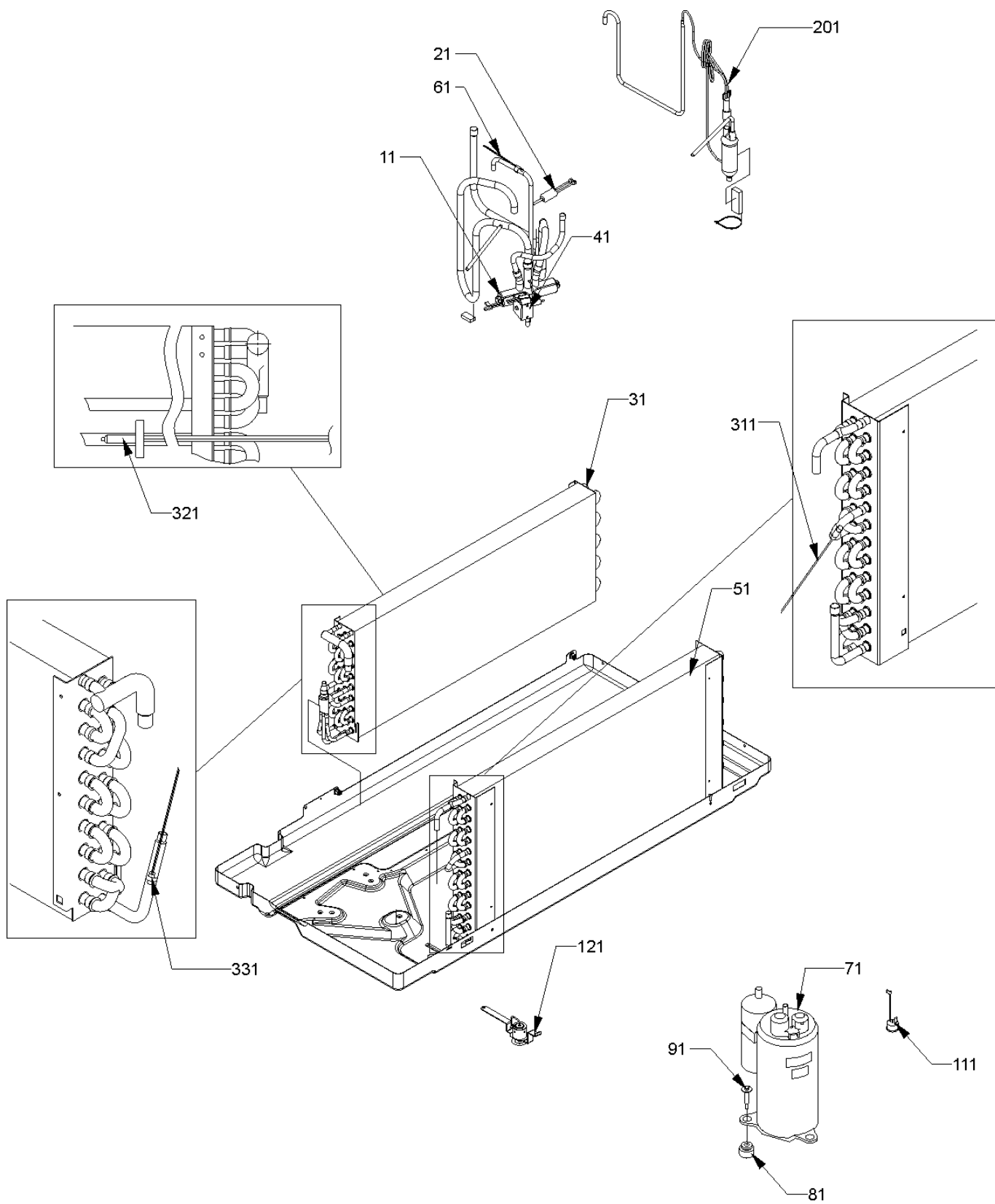
Image 1:

21	0270P01070	SCROLL ASSY
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00023	HEATER ASSY (M1, M2, M3, M4, M5)
51	0275P00040	HEATER ASSY (M6, M7, M8, M9, M10, M11)
51	0275P00041	HEATER ASSY (M12, M13, M14, M15)
61	0150P00004	WHEEL, BLOWER
71	0131P00038	FAN MOTOR, INDOOR
81	0121P00048	BRACKET-MOTOR MOUNT
101	0130P00075	THERMISTOR - DISCHARGE
NS	0163P00027	BEARING

Expanded Model Nomenclature

M1 - PTH154G25AXXXAA
 M2 - PTH154G25CXXXAA
 M3 - PTH154G25DRXXXAA
 M4 - PTH154G25DXXXAA
 M5 - PTH154G25RXXXAA
 M6 - PTH154G35AXXXAA
 M7 - PTH154G35CXXXAA
 M8 - PTH154G35QRXXXAA
 M9 - PTH154G35QXXXAA
 M10 - PTH154G35RXXXAA
 M11 - PTH154G35VXXXAA
 M12 - PTH154G50AXXXAA
 M13 - PTH154G50CXXXAA
 M14 - PTH154G50RXXXAA
 M15 - PTH154G50VXXXAA

Tubing Assy



Tubing Assy

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

11	0151P00001	REVERSING VALVE ASSY-265V
21	0130M00132	CUT-OUT SWITCH, HIGH PRESSURE
31	0202P00065	EVAP ASSY, 5/16, 3 ROW
41	0130P00022	REVERSING VALVE COIL
51	0201P00079	CONDENSER ASSY (M1, M3, M4, M5, M6, M8, M9, M10, M11, M12, M14, M15)
51	0201P00083DG	CONDENSER ASSY (M2, M7, M13)
61	0130P00077	THERMISTOR - INDOOR (M3, M5, M8, M10, M14)
71	50A367Q	COMPRESSOR, RECHI
81	60140209	GROMMET - RECHI COMPRESSOR (QTY 3)
91	M0253610	SHOULDER SCREW (QTY 3)
111	60343525	OVERLOAD PROTECTOR
121	20406303	BASE PAN VALVE
201	0210P00152	CAPILLARY WELDMENT
311	0130P00093	THERMISTOR
321	0130P00074	THERMISTOR
331	0130P00086	THERMISTOR - INDOOR COIL
NS	60500101	OLP SPRING - RECHI COMPRESSOR
NS	BT1392310	PLASTIC CLAMP, .1875 DIA (M3, M4, M11, M15)
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 - PTH154G25AXXXAA
 M2 - PTH154G25CXXXAA
 M3 - PTH154G25DRXXAA
 M4 - PTH154G25DXXXAA
 M5 - PTH154G25RXXXAA
 M6 - PTH154G35AXXXAA
 M7 - PTH154G35CXXXAA
 M8 - PTH154G35QRXXAA
 M9 - PTH154G35QXXXAA
 M10 - PTH154G35RXXXAA
 M11 - PTH154G35VXXXAA
 M12 - PTH154G50AXXXAA
 M13 - PTH154G50CXXXAA
 M14 - PTH154G50RXXXAA
 M15 - PTH154G50VXXXAA