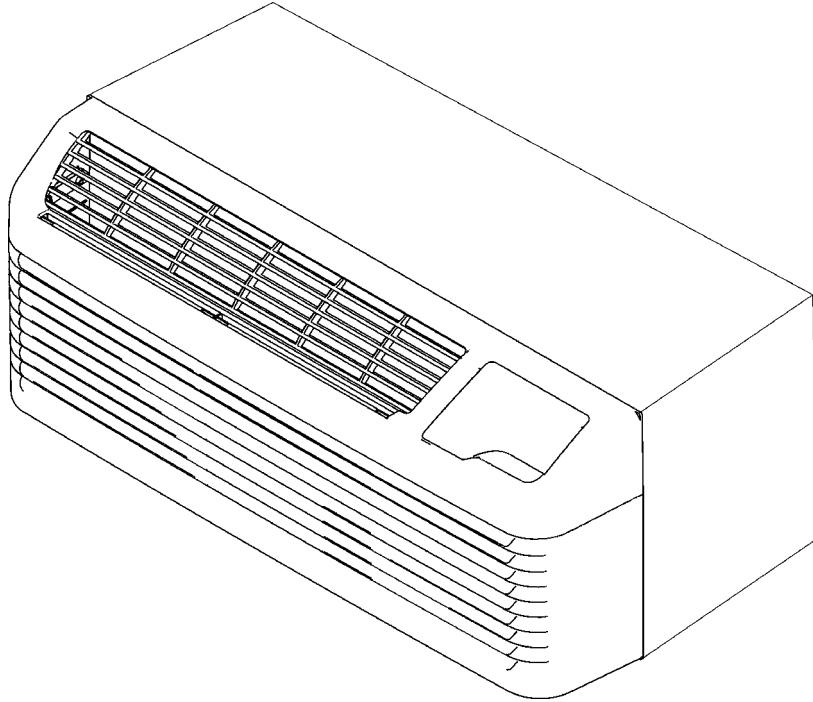


REPAIR PARTS

PTC154G Series R410A PTAC Coolers

PTC154G00HRXXAA
PTC154G00HXXXAA
PTC154G25AXXXAA
PTC154G25CXXXAA
PTC154G25RXXXAA
PTC154G35AXXXAA
PTC154G35CXXXAA
PTC154G35QRXXAA
PTC154G35QXXXAA
PTC154G35RXXXAA
PTC154G50AXXXAA
PTC154G50CXXXAA
PTC154G50RXXXAA



This manual is to be used by qualified technicians only.

This manual replaces RP-697.

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Important Information

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Views shown are for parts illustrations only, not servicing procedures.

Rev A: Introduction of 5mm condenser coils.

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 Manufacturing 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 Manufacturing Company, L.P. also recommends contacting an authorized technician and using authorized factory parts.

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

Functional Parts

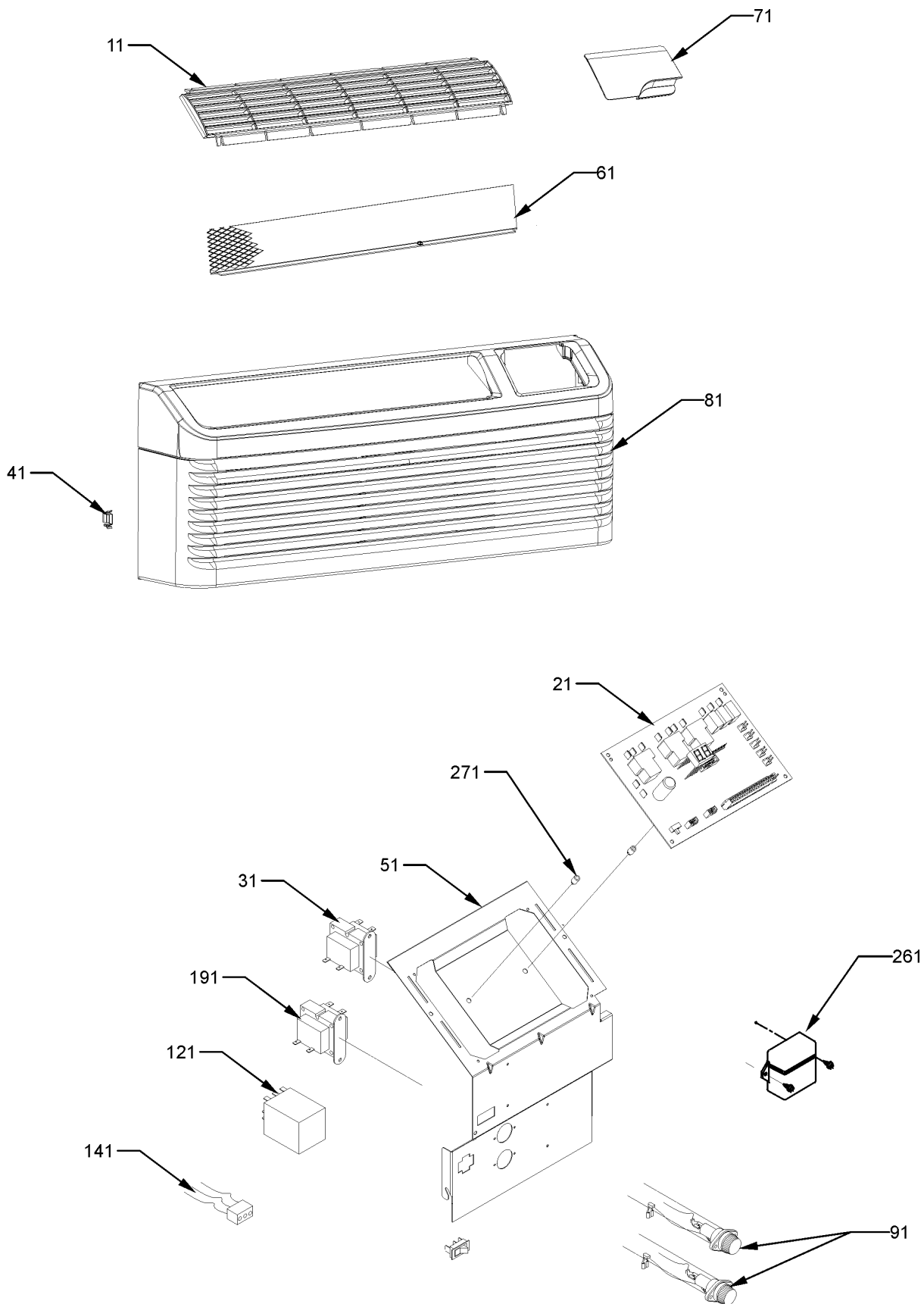
Part

No:

Description:

CAP020250450RS	CAP, 2/25 MFD/450V/DUAL RD
CAP020000500P	CAPACITOR, 500V
50A367Q	COMPRESSOR, RECHI
RSKP0010	CONTROL BOARD M61
0131P00011	FAN MOTOR, INDOOR 265V
0131P00026	FAN MOTOR, OUTDOOR
0161P00030	FAN, CONDENSER
0275P00023	HEATER ASSY (M3, M4, M5)
0275P00025	HEATER ASSY (M11, M12, M13)
0275P00024	HEATER ASSY (M6, M7, M8, M9, M10)
60343525	OVERLOAD PROTECTOR
0130M00097	RELAY
C8873917	RELAY (HYDRONIC) (M1, M2)
0130M00066	SWITCH, HIGH PRESS
0130P00046	THERMISTOR
0130P00038	THERMISTOR-DISCHARGE
20295709	THERMISTOR-HEAT PUMP (M5, M8, M10, M13)
20295707	THERMISTOR-INDOOR COIL
0130P00039	THERMISTOR-OUTDOOR AMBIENT (M1, M5, M8, M10, M13)
11172101	TRANSFORMER (M1, M2)
20512501	TRANSFORMER (HYDRONIC) (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)

Control Panel / Front Assembly



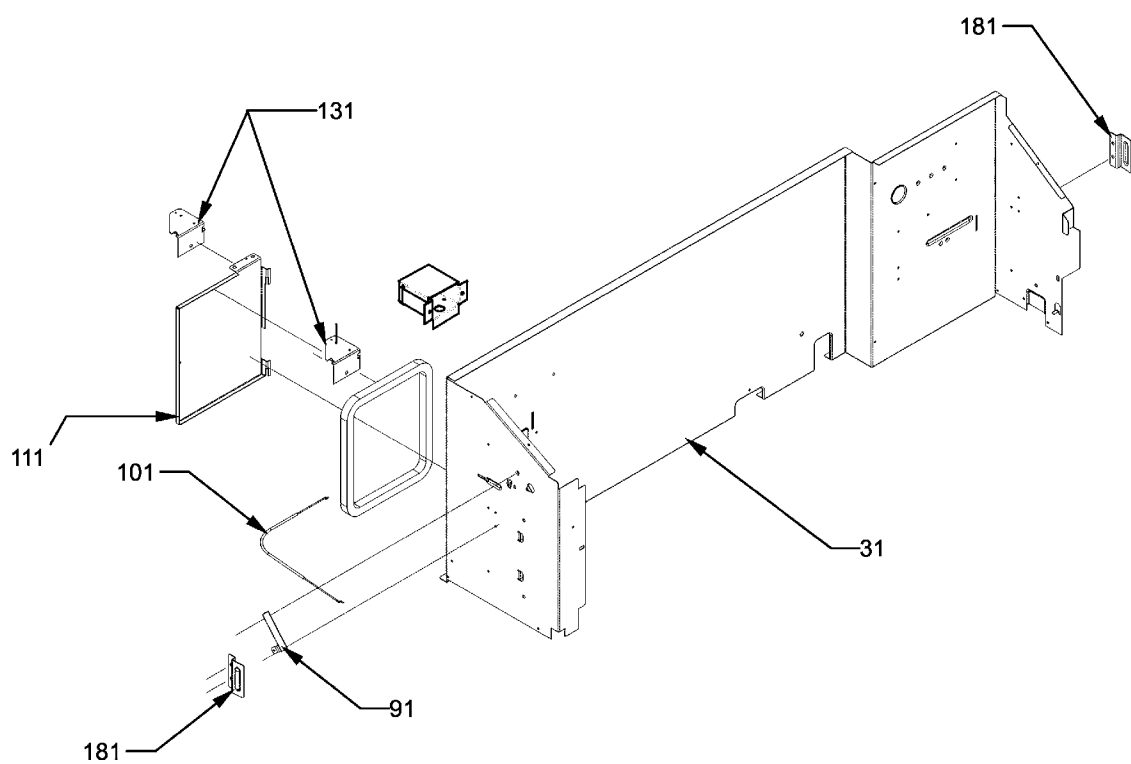
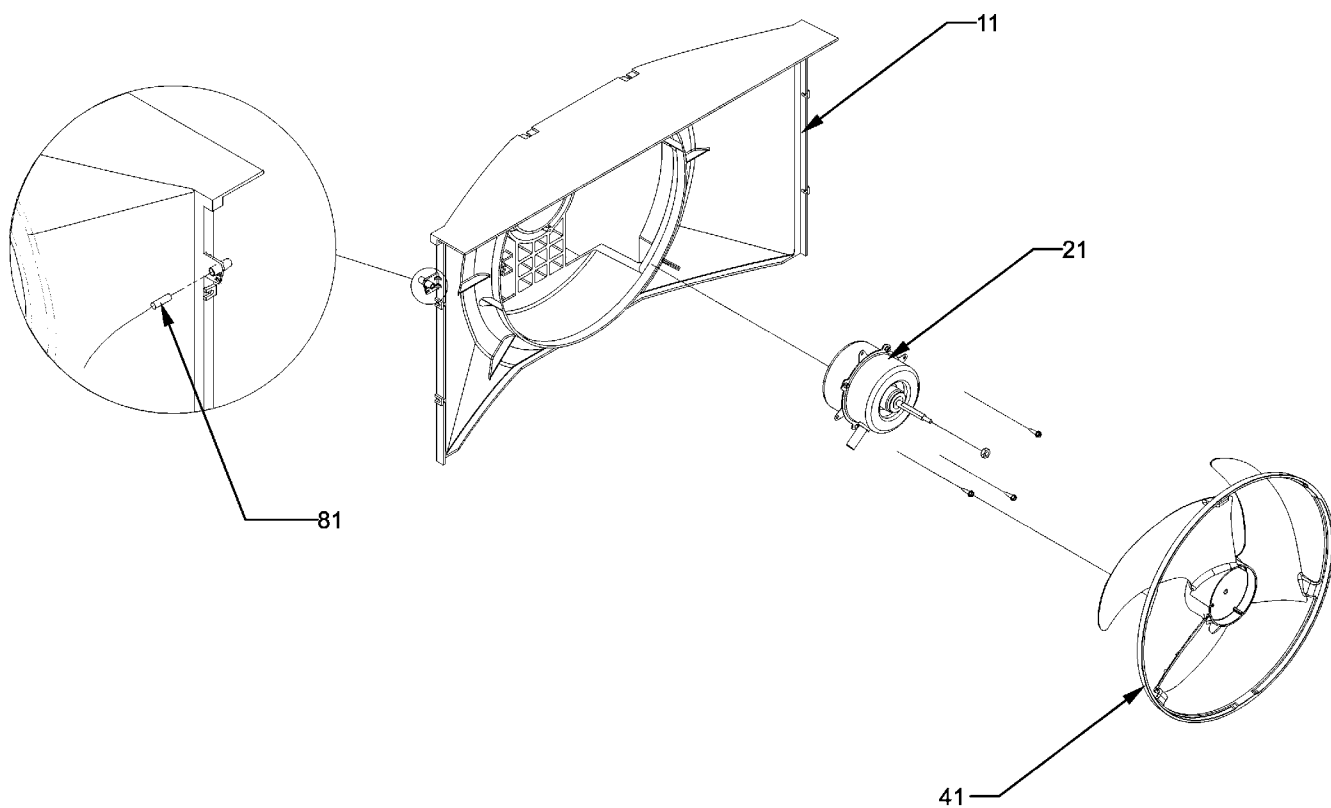
Control Panel / Front Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>			
11	0161P00033		FRONT-DICHARGE LOUVERS (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
21	RSKP0010		CONTROL BOARD M61
31	20512501		TRANSFORMER (HYDRONIC) (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
41	0163P00025		CLIP (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
51	0121P00087		PANEL, CONTROL
61	0121P00073DG		DISCHARGE SCREEN, PNT (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
71	0261P00003		DOOR ASSY -AMANA- (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
81	0261P00011		FRONT ASSY (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
91	C6476001		BAYONET FUSE HOLDER (M1, M2, M3, M4, M5)
91	C6476002		BAYONET FUSE HOLDER (M6, M7, M8, M9, M10)
91	C6476003		BAYONET FUSE HOLDER (M11, M12, M13)
121	0130M00097		RELAY
121	C8873917		RELAY (HYDRONIC) (M1, M2)
141	0259P00009		HARNESS, HYDR HT PTC (M1, M2)
191	11172101		TRANSFORMER (M1, M2)
261	1261401		DIGITENNA (M1, M5, M8, M10, M13)
NS	0161P00035		FILTER, RACK (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
NS	A3410402		FUSE 15A (M1, M2, M3, M4, M5)
NS	A3410403		FUSE 20A (M6, M7, M8, M9, M10)
NS	A3410404		FUSE 25A (M11, M12, M13)

Expanded Model Nomenclature

M1 - PTC154G00HRXXAA
M2 - PTC154G00HXXXAA
M3 - PTC154G25AXXXAA
M4 - PTC154G25CXXXAA
M5 - PTC154G25RXXXAA
M6 - PTC154G35AXXXAA
M7 - PTC154G35CXXXAA
M8 - PTC154G35QRXXAA
M9 - PTC154G35QXXXAA
M10 - PTC154G35RXXXAA
M11 - PTC154G50AXXXAA
M12 - PTC154G50CXXXAA
M13 - PTC154G50RXXXAA

Condenser Fan / Partition Assembly



Condenser Fan / Partition Assembly

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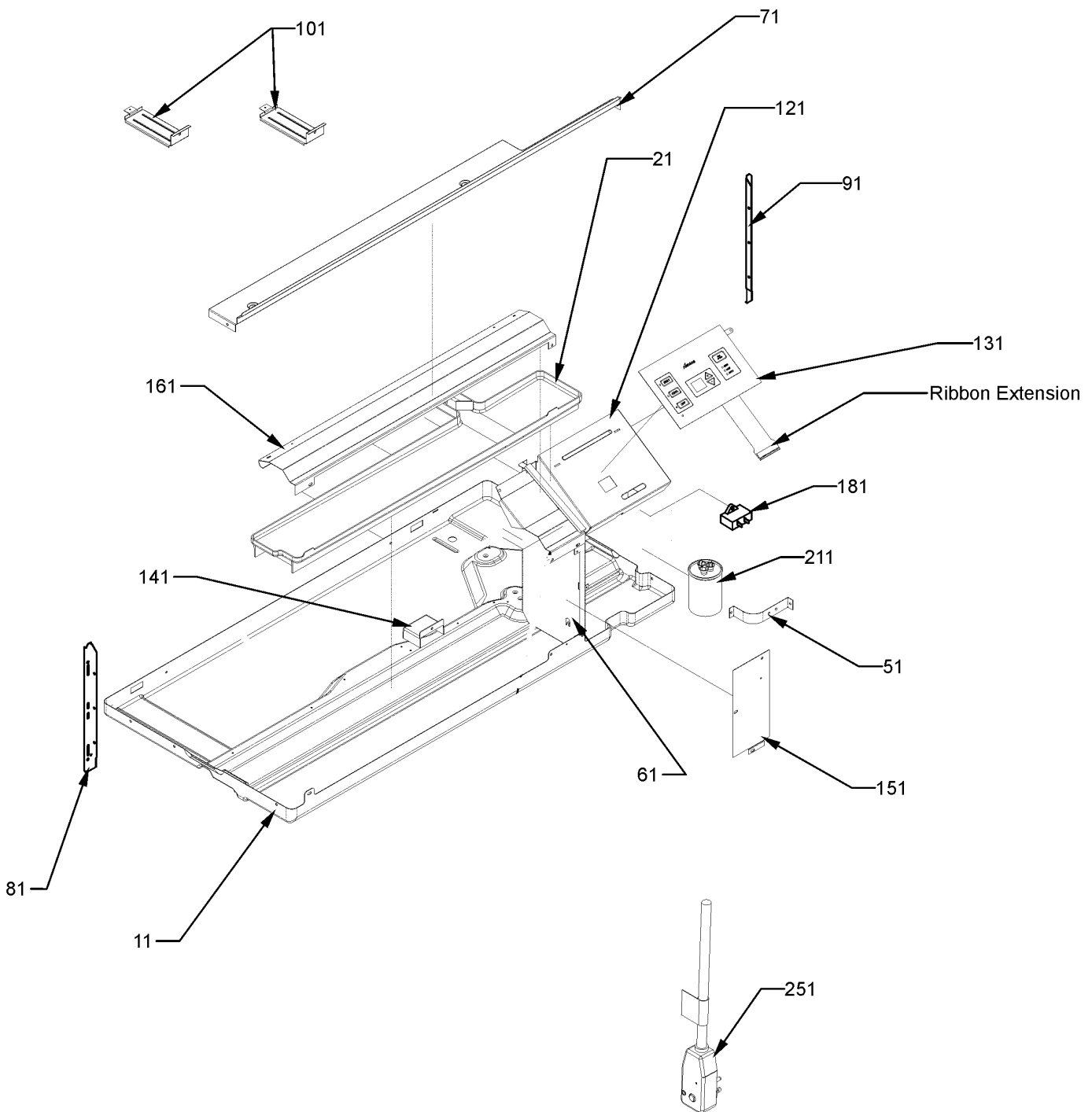
Image 1:

11	0161P00026	SHROUD, CONDENSER
21	0131P00026	FAN MOTOR, OUTDOOR
41	0161P00030	FAN, CONDENSER
81	0130P00039	THERMISTOR-OUTDOOR AMBIENT (M1, M5, M8, M10, M13)
91	11046302	LEVER ARM (M1, M2, M3, M4, M5, M6, M7, M10, M11, M12, M13)
101	0163P00019	CABLE
111	11046105PDG	VENT DOOR (M4, M7, M12)
131	0121P00072DG	BRACKET, VENT DOOR-C (M4, M7, M12)
181	0121P00089DG	PANEL-PARTITION PNT (M4, M7, M12)

Expanded Model Nomenclature

M1 - PTC154G00HRXXAA
 M2 - PTC154G00HXXXAA
 M3 - PTC154G25AXXXAA
 M4 - PTC154G25CXXXAA
 M5 - PTC154G25RXXXAA
 M6 - PTC154G35AXXXAA
 M7 - PTC154G35CXXXAA
 M8 - PTC154G35QRXXAA
 M9 - PTC154G35QXXXAA
 M10 - PTC154G35RXXXAA
 M11 - PTC154G50AXXXAA
 M12 - PTC154G50CXXXAA
 M13 - PTC154G50RXXXAA

Partition Assembly



Partition Assembly

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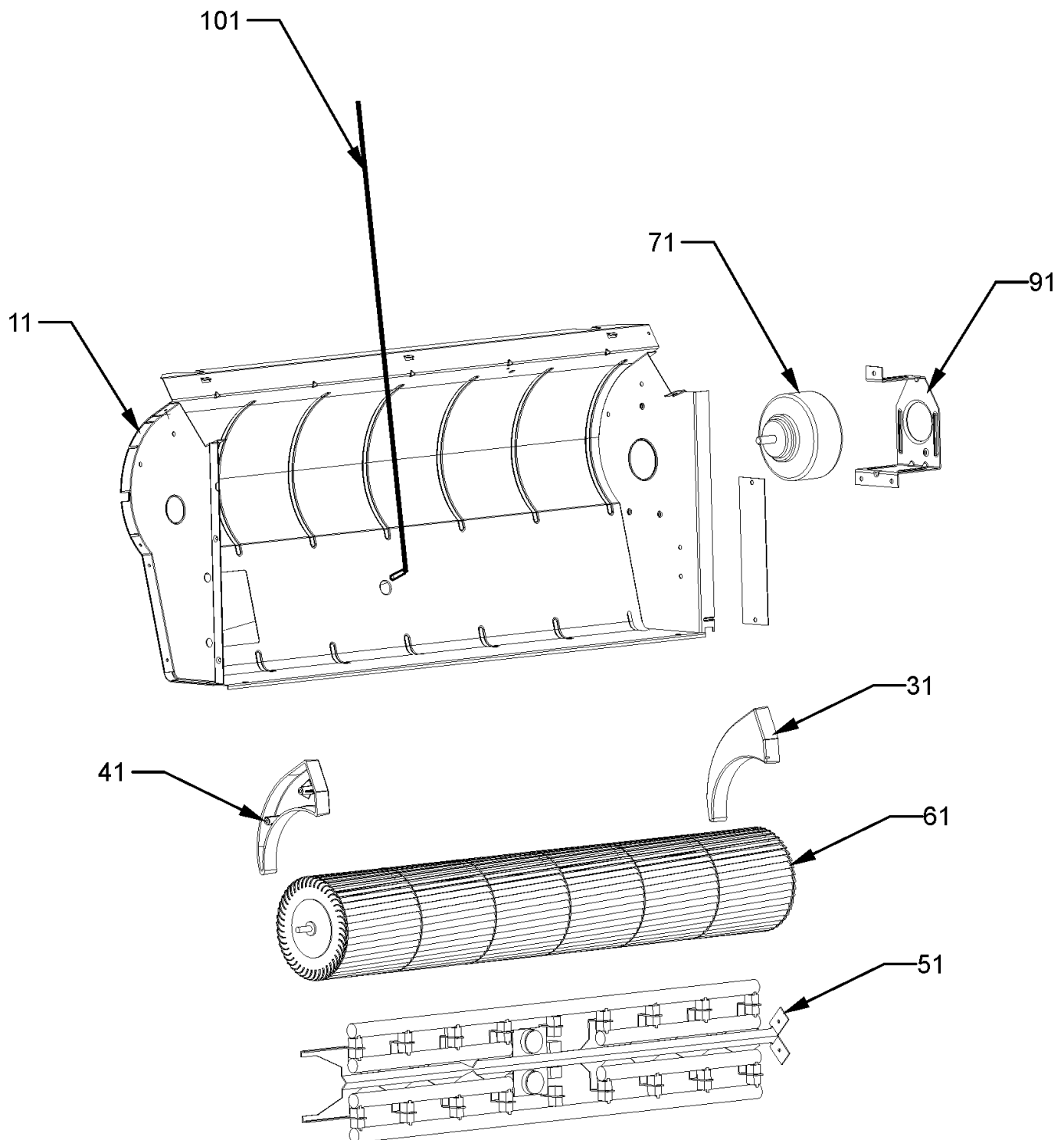
Image 1:

11	0121P00056DG	BASEPAN, PNT
21	0161P00044	PLASTIC-DRAIN PAN
51	C6300502	CAPACITOR STRAP
61	20403301	MID PARTITION PANEL
71	0121P00063DG	TOP, PARTITION PANEL PNT (M4, M7, M12)
81	20416201	SEAL-L SIDE PTC
91	20416101	SEAL-R SIDE PTC
101	0121P00071DG	BRACE, TIE (M1, M2, M3, M5, M6, M8, M9, M10, M11, M13)
121	0121P00001P	CONTROL PANEL COVER
131	RSKP0005	TOUCH PAD
141	0161P00016	PLASTIC-HOOD
151	20410801	ACCESS COVER
161	0121P00061DG	CUTOFF-SCROLL DG
181	CAP020000500P	CAPACITOR, 500V
211	CAP020250450RS	CAP, 2/25 MFD/450V/DUAL RD
251	11114701	CORD 277V 20A
251	11114801	CORD 277V 30A
NS	0121P00070DG	COVER, MOTOR PNT

Expanded Model Nomenclature

M1 - PTC154G00HRXXAA
M2 - PTC154G00HXXXAA
M3 - PTC154G25AXXXAA
M4 - PTC154G25CXXXAA
M5 - PTC154G25RXXXAA
M6 - PTC154G35AXXXAA
M7 - PTC154G35CXXXAA
M8 - PTC154G35QRXXAA
M9 - PTC154G35QXXXAA
M10 - PTC154G35RXXXAA
M11 - PTC154G50AXXXAA
M12 - PTC154G50CXXXAA
M13 - PTC154G50RXXXAA

Evaporator Blower / Heater Assembly



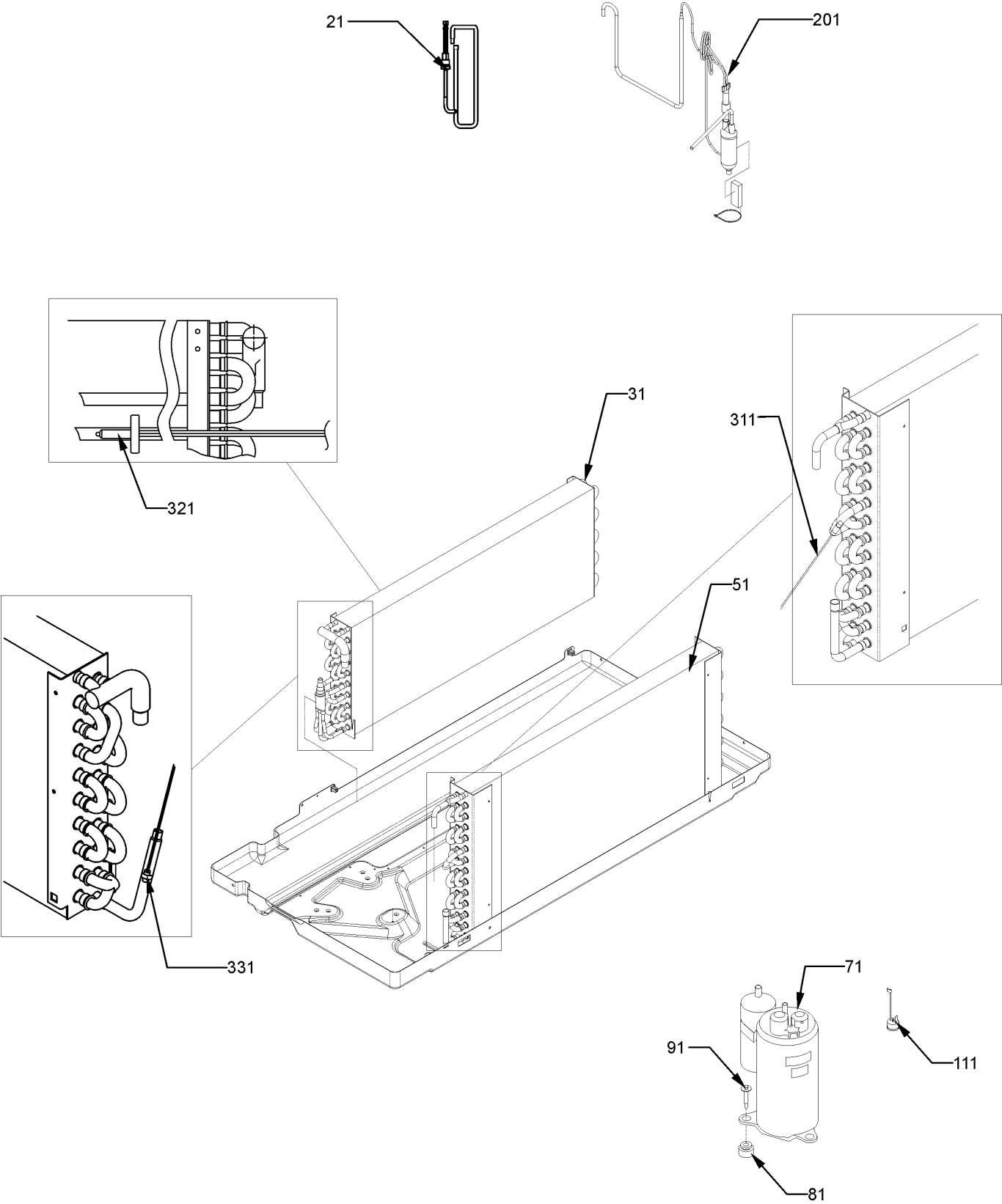
Evaporator Blower / Heater Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>			
11	0270P01070		SCROLL ASSY
31	0161P00021		END CAP, RIGHT
41	0161P00022		END CAP, LEFT
51	0275P00023		HEATER ASSY (M3, M4, M5)
51	0275P00024		HEATER ASSY (M6, M7, M8, M9, M10)
51	0275P00025		HEATER ASSY (M11, M12, M13)
61	0150P00004		WHEEL, BLOWER
71	0131P00011		FAN MOTOR, INDOOR 265V
91	0121P00048		BRACKET-MOTOR MOUNT
101	0130P00038		THERMISTOR-DISCHARGE
NS	0163P00027		BEARING

Expanded Model Nomenclature

M1 - PTC154G00HRXXAA
 M2 - PTC154G00HXXXAA
 M3 - PTC154G25AXXXAA
 M4 - PTC154G25CXXXAA
 M5 - PTC154G25RXXXAA
 M6 - PTC154G35AXXXAA
 M7 - PTC154G35CXXXAA
 M8 - PTC154G35QRXXAA
 M9 - PTC154G35QXXXAA
 M10 - PTC154G35RXXXAA
 M11 - PTC154G50AXXXAA
 M12 - PTC154G50CXXXAA
 M13 - PTC154G50RXXXAA

Coil / Compressor / Tubing Assembly



Coil / Compressor / Tubing Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>			
21	0130M00066		SWITCH, HIGH PRESS
31	0202P00067		EVAP ASSY, 3/8, 2 ROW
51	0201P00094		5MM CONDENSER COIL ASSY (M1, M2, M3, M5, M6, M8, M9, M10, M11, M13)
51	0202P00072DG		CONDENSER ASSY PNT (M4, M7, M12)
71	50A367Q		COMPRESSOR, RECHI
81	A3448602		COMPRESSOR GROMMET (QTY 3)
91	M0253610		SHOULDER SCREW (QTY 3)
111	60343525		OVERLOAD PROTECTOR
201	0210P00214		CAPILLARY WELDMENT
311	20295709		THERMISTOR-HEAT PUMP (M5, M8, M10, M13)
321	0130P00046		THERMISTOR
331	20295707		THERMISTOR-INDOOR COIL
NS	60500101		OLP SPRING - RECHI COMPRESSOR
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 - PTC154G00HRXXAA
M2 - PTC154G00HXXXAA
M3 - PTC154G25AXXXAA
M4 - PTC154G25CXXXAA
M5 - PTC154G25RXXXAA
M6 - PTC154G35AXXXAA
M7 - PTC154G35CXXXAA
M8 - PTC154G35QRXXAA
M9 - PTC154G35QXXXAA
M10 - PTC154G35RXXXAA
M11 - PTC154G50AXXXAA
M12 - PTC154G50CXXXAA
M13 - PTC154G50RXXXAA