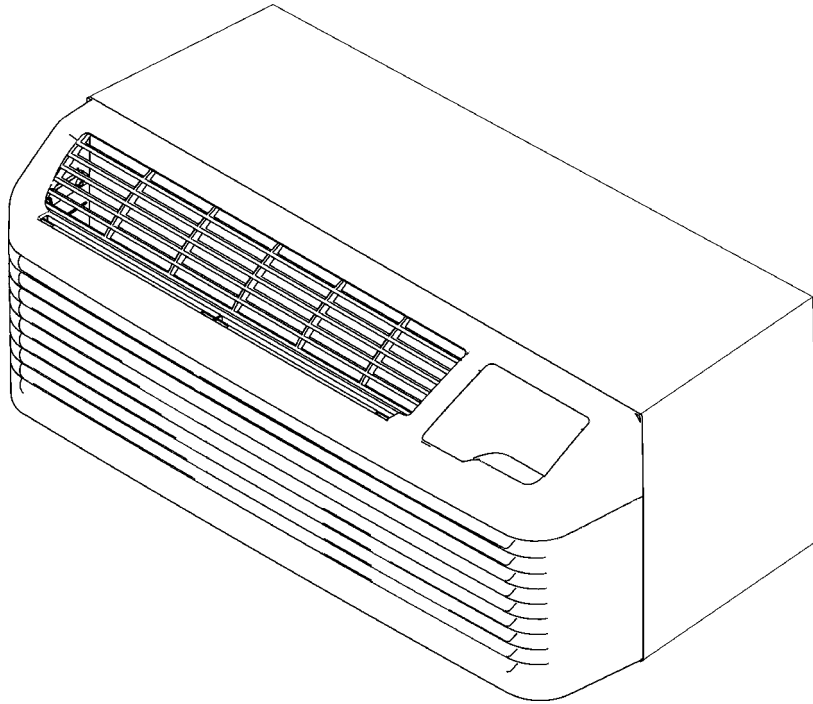


REPAIR PARTS

PTC124 Series R410A PTAC Coolers

PTC124G00HRXXAA
PTC124G00HXXXAA
PTC124G25AXXXAA
PTC124G25CXXXAA
PTC124G25QRXXAA
PTC124G25RXXXAA
PTC124G35AXXXAA
PTC124G35CXXXAA
PTC124G35DXXXAA
PTC124G35QRXXAA
PTC124G35QXXXAA
PTC124G35RXXXAA
PTC124G50AXXXAA
PTC124G50CXXXAA
PTC124G50RXXXAA



This manual is to be used by qualified technicians only.

This manual replaces RP-695A.

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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 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

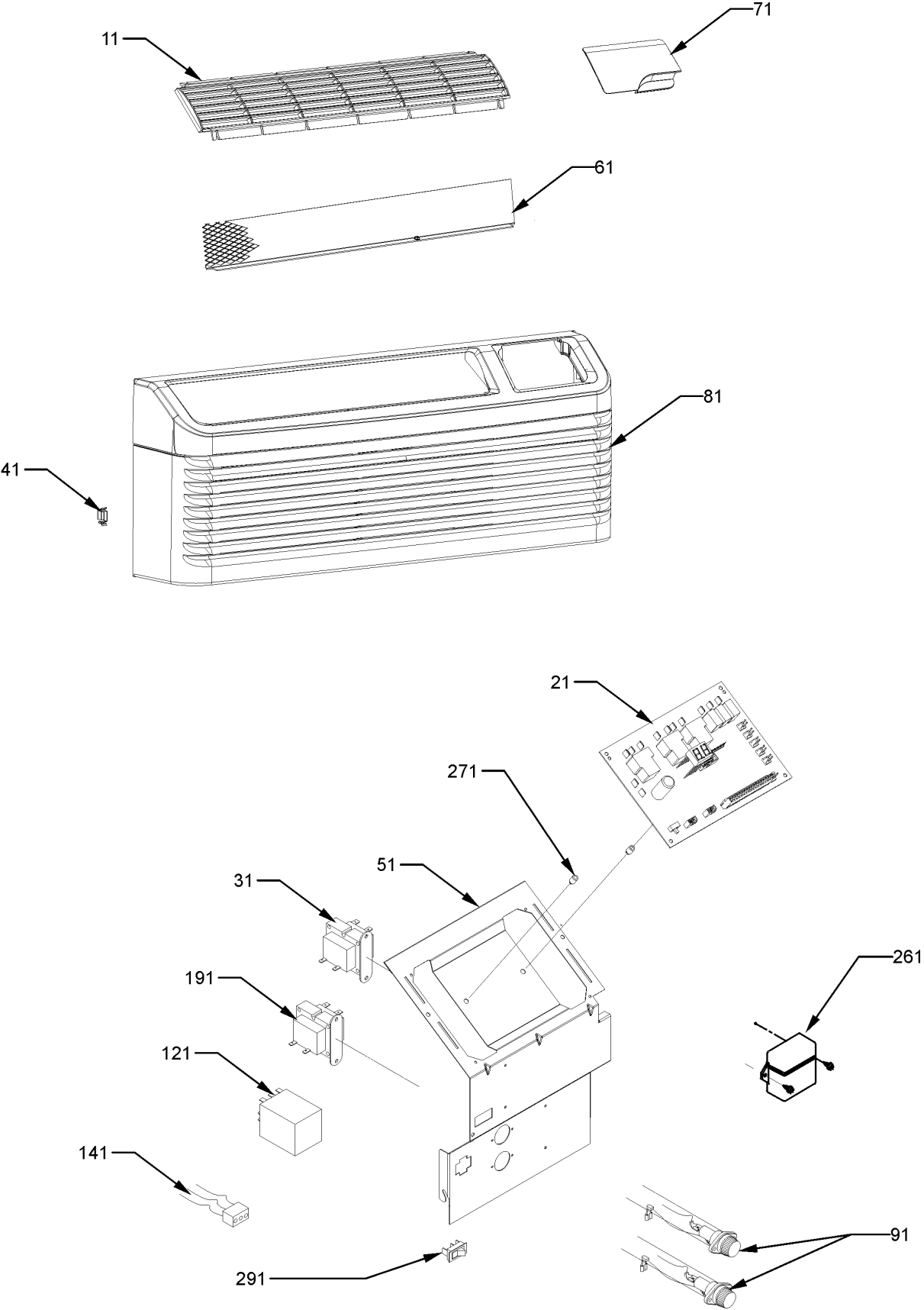
Part

No:

Description:

CAP020300450RS	CAP, 2/30 MFD/450V/DUAL RD
CAP010000500P	CAPACITOR, 500V (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12)
CAP020000500P	CAPACITOR, 500V (M1, M2, M13, M14, M15)
44A287A	COMPRESSOR, RECHI
RSKP0010	CONTROL BOARD M61
1261401	DIGITENNA (M1, M5, M6, M10, M12, M15)
0131P00011	FAN MOTOR, INDOOR 265V (M1, M2, M13, M14, M15)
0131P00010	FAN MOTOR, INDOOR 265V (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12)
0131P00028	FAN MOTOR, OUTDOOR
0161P00030	FAN, CONDENSER
A3410402	FUSE 15A (M1, M2, M3, M4, M5, M6)
A3410403	FUSE 20A (M7, M8, M9, M10, M11, M12)
A3410404	FUSE 25A (M13, M14, M15)
0275P00023	HEATER ASSY (M3, M4, M5, M6)
0275P00025	HEATER ASSY (M13, M14, M15)
0275P00024	HEATER ASSY (M7, M8, M9, M10, M11, M12)
60343539	OVERLOAD PROTECTOR
11172801	POWER VENT MOTOR (M9)
0130M00097	RELAY
C8873917	RELAY (HYDRONIC) (M1, M2)
C8873932	RELAY (POWER VENT) (M9)
0130M00066	SWITCH, HIGH PRESS
B1160701	TERMINAL BOARD (M9)
0130P00073	THERMISTOR
0130P00077	THERMISTOR (M1, M5, M6, M10, M12, M15)
20295711	THERMISTOR (M1)
0130P00038	THERMISTOR-DISCHARGE
20295709	THERMISTOR-HEAT PUMP (M5, M6, M10, M12, M15)
20295707	THERMISTOR-INDOOR COIL
0130P00039	THERMISTOR-OUTDOOR AMBIENT (M1, M5, M6, M10, M12, M15)
11172101	TRANSFORMER (M1, M2, M9)
20512501	TRANSFORMER (HYDRONIC) (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15)
0150P00004	WHEEL, BLOWER

Control Panel / Front Assembly



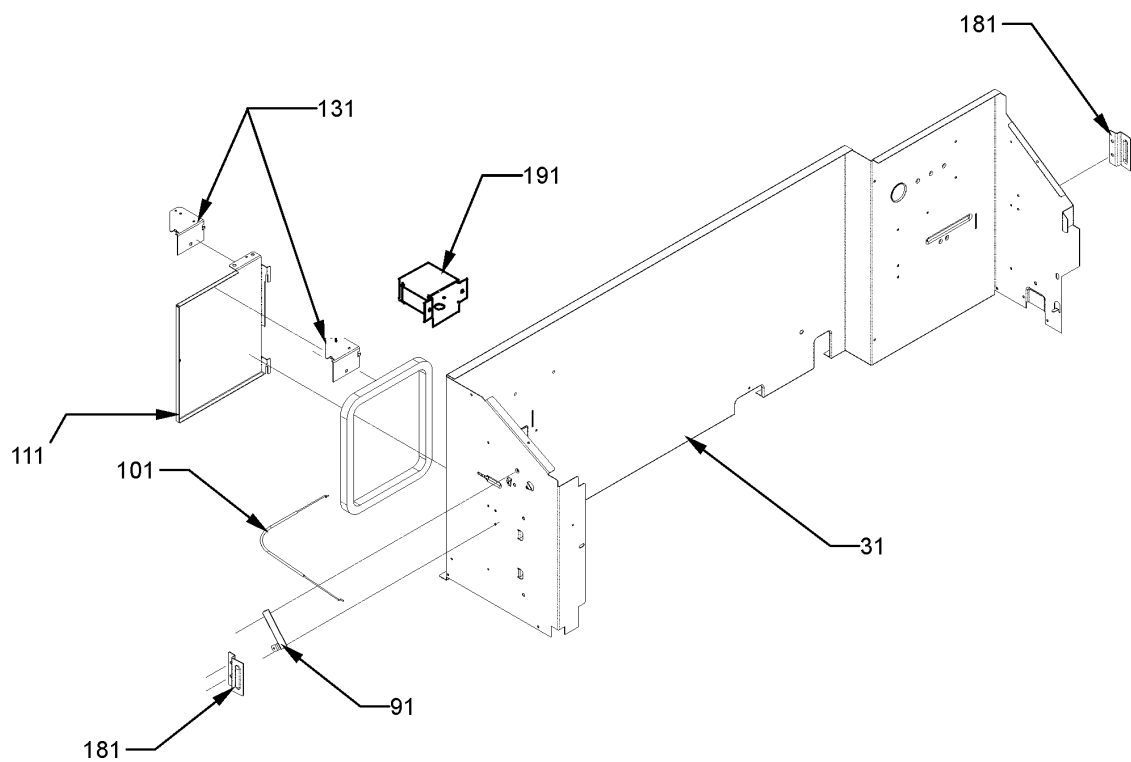
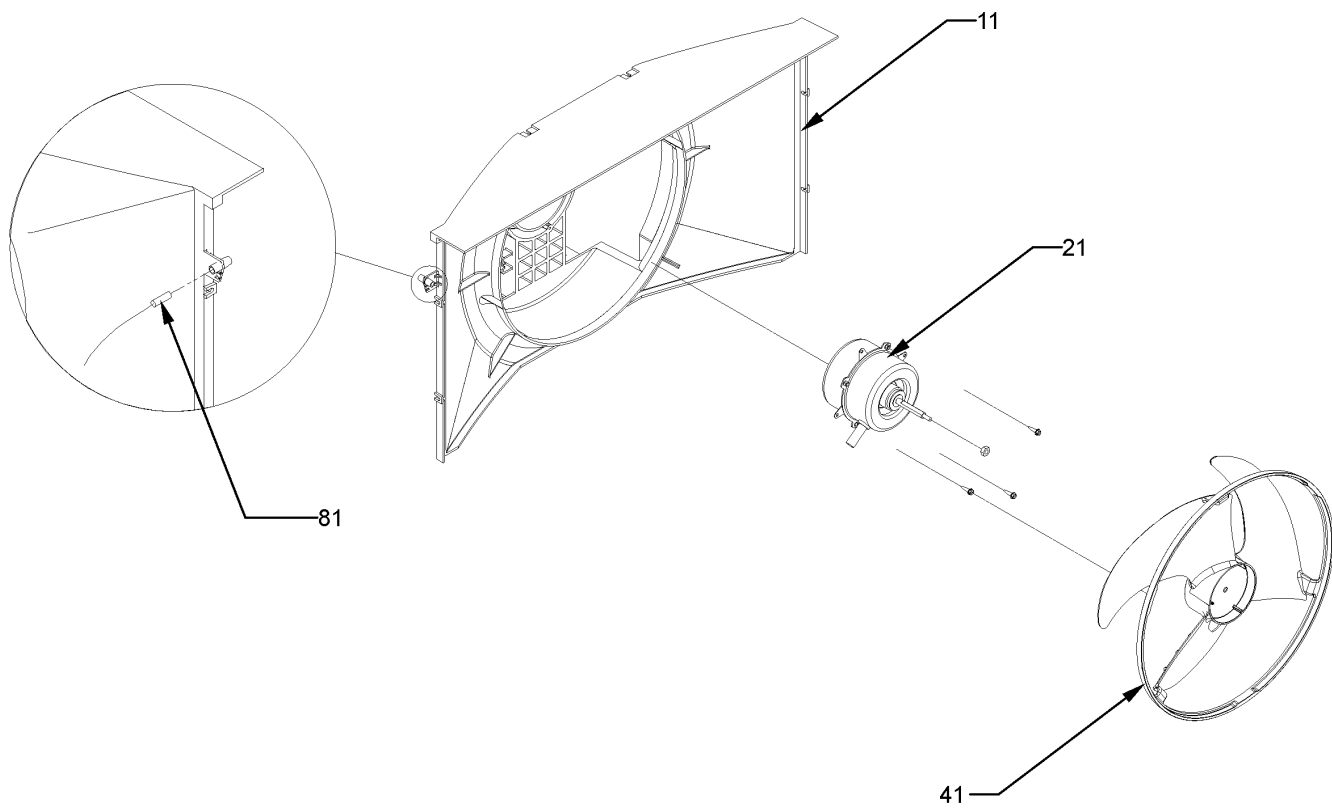
Control Panel / Front Assembly

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, M14, M15)		
21 RSKP0010	CONTROL BOARD M61		
31 20512501	TRANSFORMER (HYDRONIC) (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15)		
41 0163P00025	CLIP (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15)		
51 0121P00087	PANEL, CONTROL		
61 0121P00073	SCREEN, DISCHARGE (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15)		
71 0261P00003	DOOR ASSY -AMANA- (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15)		
81 0261P00011	FRONT ASSY (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15)		
91 C6476001	BAYONET FUSE HOLDER (M1, M2, M3, M4, M5, M6)		
91 C6476002	BAYONET FUSE HOLDER (M7, M8, M9, M10, M11, M12)		
91 C6476003	BAYONET FUSE HOLDER (M13, M14, M15)		
121 0130M00097	RELAY		
121 C8873917	RELAY (HYDRONIC) (M1, M2)		
121 C8873932	RELAY (POWER VENT) (M9)		
141 0259P00009	HARNESS, HYDR HT PTC (M1, M2)		
191 11172101	TRANSFORMER (M1, M2, M9)		
261 1261401	DIGITENNA (M1, M5, M6, M10, M12, M15)		
291 B1337701	PADDLE SWITCH (M9)		
NS 0161P00035	FILTER, RACK (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15)		
NS A3410402	FUSE 15A (M1, M2, M3, M4, M5, M6)		
NS A3410403	FUSE 20A (M7, M8, M9, M10, M11, M12)		
NS A3410404	FUSE 25A (M13, M14, M15)		
NS B1160701	TERMINAL BOARD (M9)		

Expanded Model Nomenclature

M1 - PTC124G00HRXXAA
M2 - PTC124G00HXXXAA
M3 - PTC124G25AXXXAA
M4 - PTC124G25CXXXAA
M5 - PTC124G25QRXXAA
M6 - PTC124G25RXXXAA
M7 - PTC124G35AXXXAA
M8 - PTC124G35CXXXAA
M9 - PTC124G35DXXXAA
M10 - PTC124G35QRXXAA
M11 - PTC124G35QXXXAA
M12 - PTC124G35RXXXAA
M13 - PTC124G50AXXXAA
M14 - PTC124G50CXXXAA
M15 - PTC124G50RXXXAA

Condenser Fan / Partition Assembly



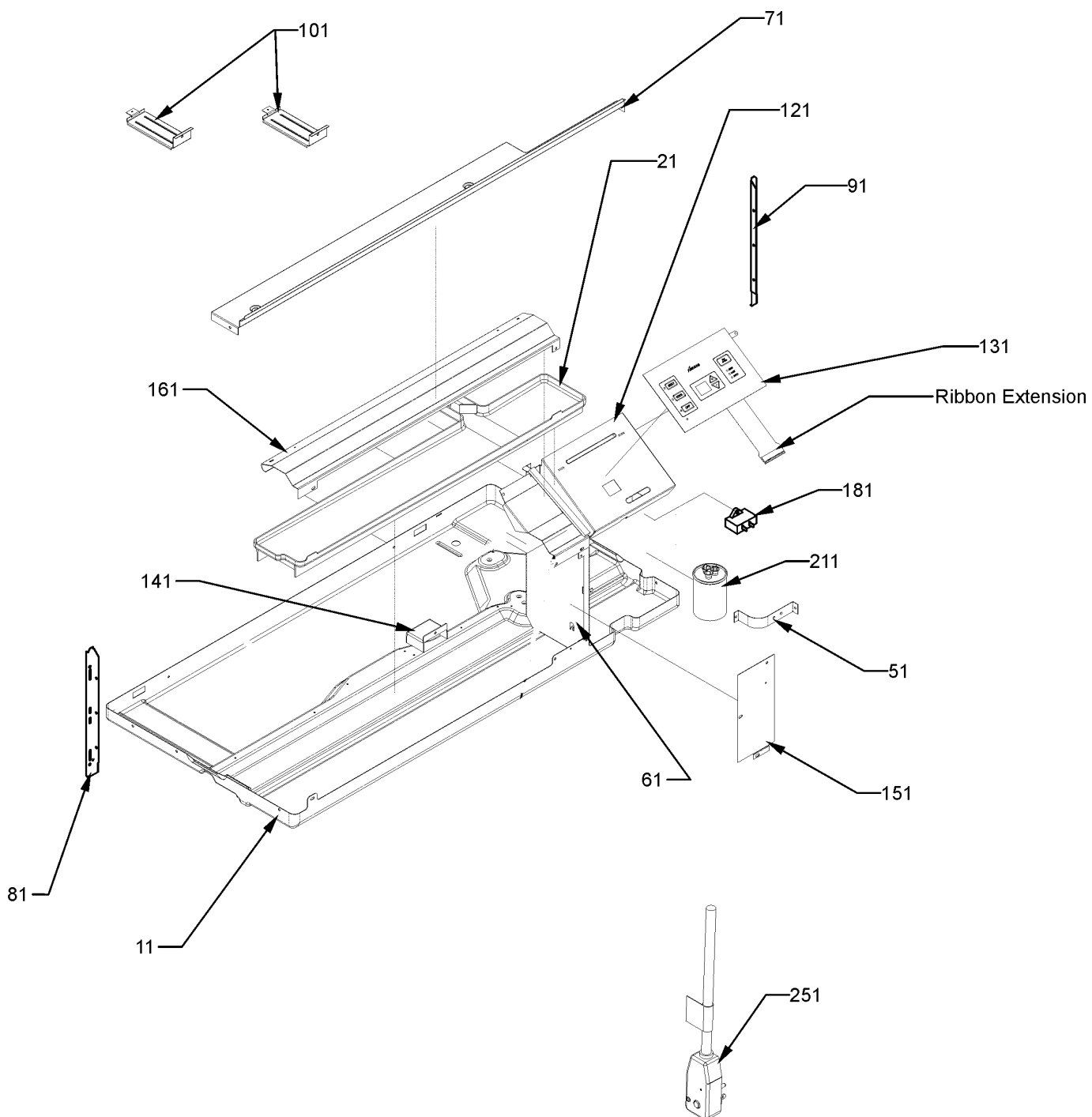
Condenser Fan / Partition Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>			
11	0161P00026		SHROUD, CONDENSER
21	0131P00028		FAN MOTOR, OUTDOOR
41	0161P00030		FAN, CONDENSER
81	0130P00039		THERMISTOR-OUTDOOR AMBIENT (M1, M5, M6, M10, M12, M15)
91	11046302		LEVER ARM (M1, M2, M3, M4, M6, M7, M8, M12, M13, M14, M15)
101	0163P00019		CABLE
111	11046105PDG		VENT DOOR (M1, M2, M3, M4, M6, M7, M8, M9, M12, M13, M14, M15)
131	0121P00079		BRACKET, VENT DOOR (M9)
131	0121P00072DG		BRACKET, VENT DOOR-C (M1, M2, M3, M4, M6, M7, M8, M12, M13, M14, M15)
131	0121P00080		BRKT, POWER VENT (M9)
131	11166101		POWER VENT MOTOR BRACKET (M9)
181	11191703		PARTITION PANEL BRACKET (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15)
191	0270P00997		POWER DOOR ASSY (M9)
NS	11166401		EXTENSION SPRING (M9)
NS	11166201		POWER VENT COVER BRACKET (M9)
NS	11172801		POWER VENT MOTOR (M9)

Expanded Model Nomenclature

M1 - PTC124G00HRXXAA
M2 - PTC124G00HXXXAA
M3 - PTC124G25AXXXAA
M4 - PTC124G25CXXXAA
M5 - PTC124G25QRXXAA
M6 - PTC124G25RXXXAA
M7 - PTC124G35AXXXAA
M8 - PTC124G35CXXXAA
M9 - PTC124G35DXXXAA
M10 - PTC124G35QRXXAA
M11 - PTC124G35QXXXAA
M12 - PTC124G35RXXXAA
M13 - PTC124G50AXXXAA
M14 - PTC124G50CXXXAA
M15 - PTC124G50RXXXAA

Partition Assembly



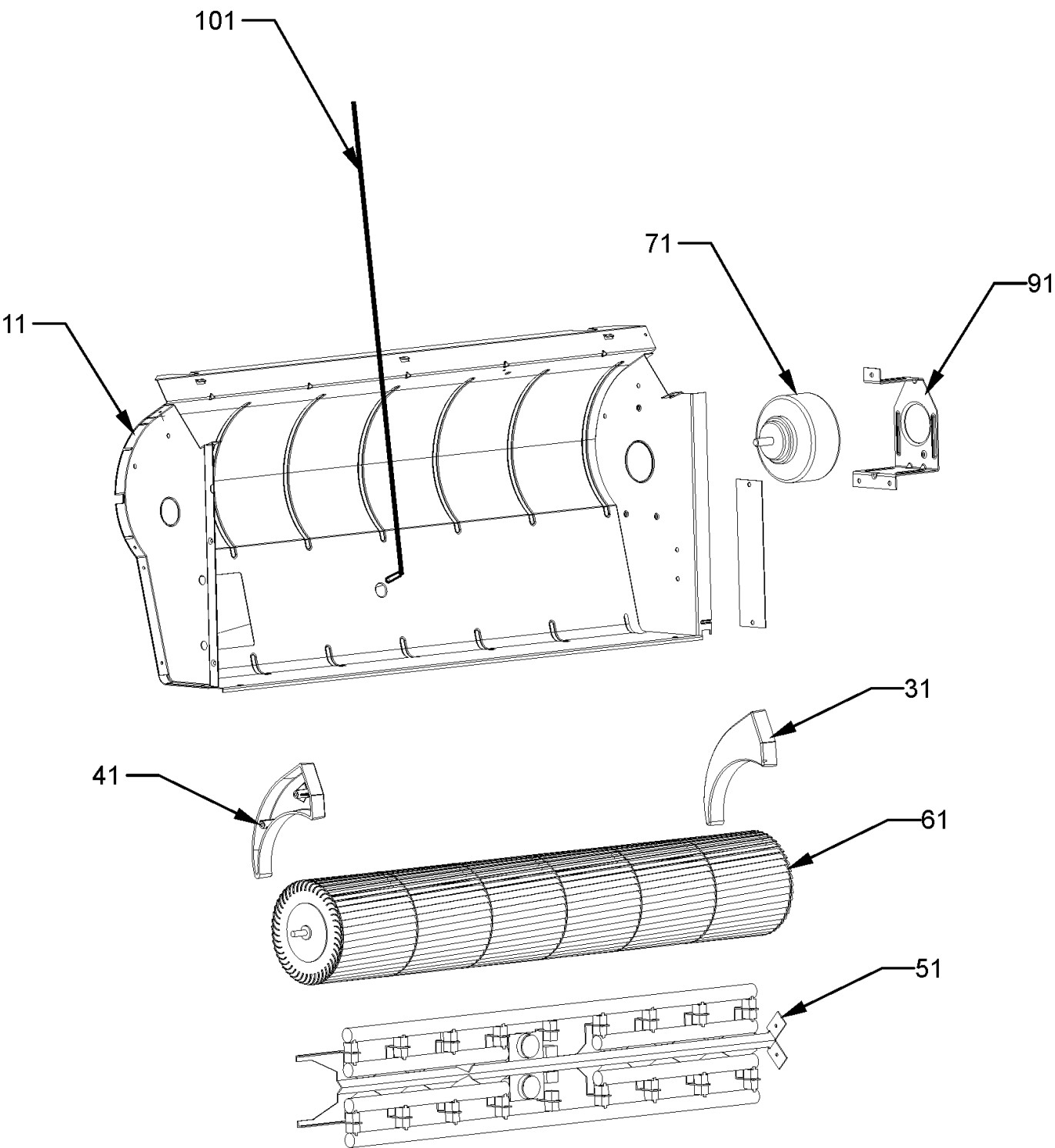
Partition Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>			
11	0121P00056DG		BASEPAN, PNT
21	0161P00044		PLASTIC-DRAIN PAN
51	C6300502		CAPACITOR STRAP
61	20403301		MID PARTITION PANEL
71	0121P00063DG		TOP, PARTITION PANEL PNT
81	20416201		SEAL-L SIDE PTC
91	20416101		SEAL-R SIDE PTC
101	0121P00071DG		BRACE, TIE PNT (QTY 2)
121	0121P00001P		CONTROL PANEL COVER
131	RSKP0005		CONTROL PANEL COVER AND MEMBRANE
141	0161P00016		PLASTIC-HOOD
151	20410801		ACCESS COVER
161	0121P00061DG		CUTOFF-SCROLL DG
181	CAP010000500P		CAPACITOR, 500V (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12)
181	CAP020000500P		CAPACITOR, 500V (M1, M2, M13, M14, M15)
211	CAP020300450RS		CAP, 2/30 MFD/450V/DUAL RD
251	11114701		CORD 277 VAC, 20A (M1, M2)
251	11114801		CORD 277 VAC, 30A (M13, M14, M15)
NS	0121P00070DG		COVER, MOTOR PNT

Expanded Model Nomenclature

M1 - PTC124G00HRXXAA
M2 - PTC124G00HXXXAA
M3 - PTC124G25AXXXAA
M4 - PTC124G25CXXXAA
M5 - PTC124G25QRXXAA
M6 - PTC124G25RXXXAA
M7 - PTC124G35AXXXAA
M8 - PTC124G35CXXXAA
M9 - PTC124G35DXXXAA
M10 - PTC124G35QRXXAA
M11 - PTC124G35QXXXAA
M12 - PTC124G35RXXXAA
M13 - PTC124G50AXXXAA
M14 - PTC124G50CXXXAA
M15 - PTC124G50RXXXAA

Evaporator Blower / Heater Assembly



Evaporator Blower / Heater Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

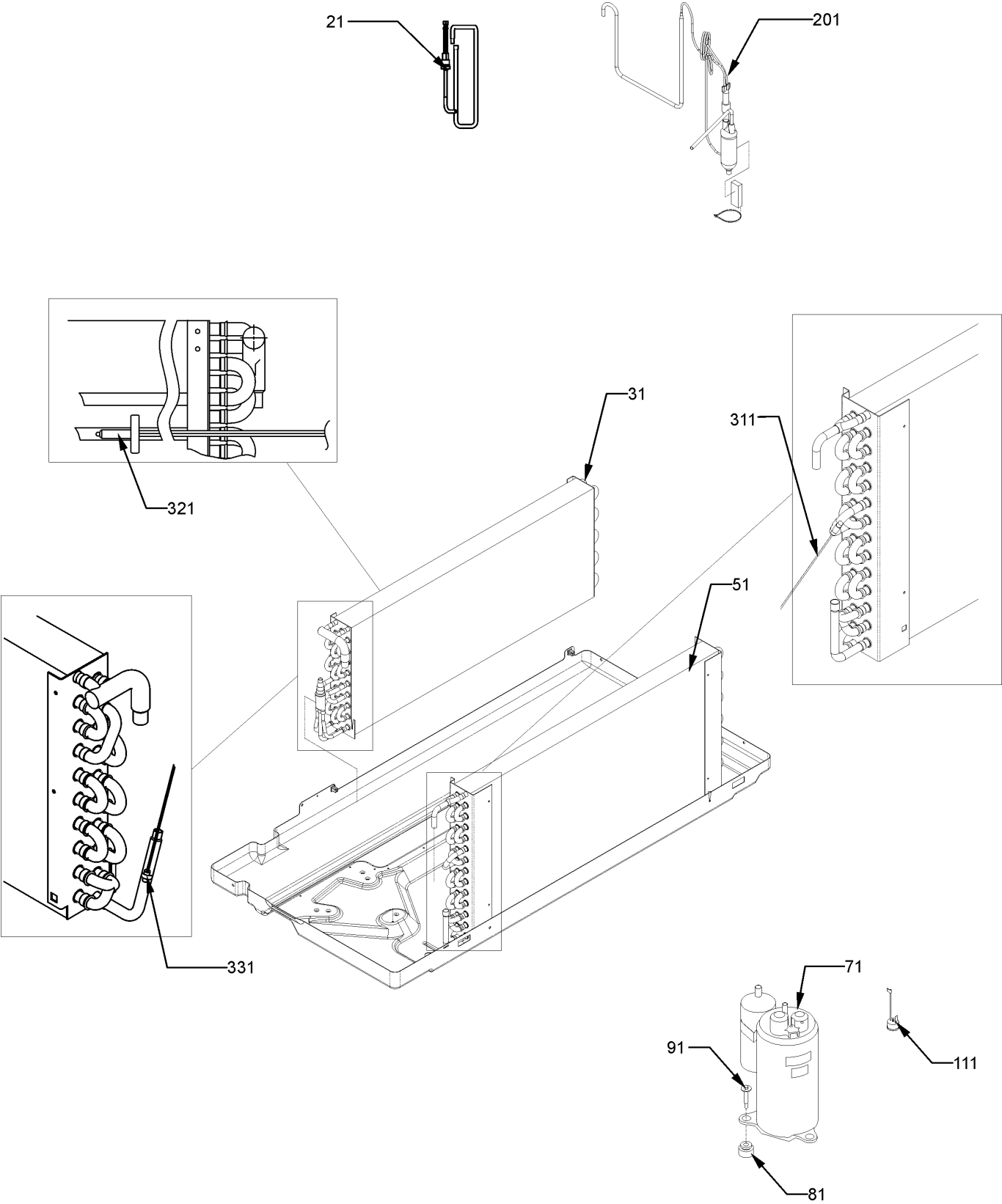
Image 1:

11	0270P01070	SCROLL ASSY
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00023	HEATER ASSY (M3, M4, M5, M6)
51	0275P00024	HEATER ASSY (M7, M8, M9, M10, M11, M12)
51	0275P00025	HEATER ASSY (M13, M14, M15)
61	0150P00004	WHEEL, BLOWER
71	0131P00010	FAN MOTOR, INDOOR 265V (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12)
71	0131P00011	FAN MOTOR, INDOOR 265V (M1, M2, M13, M14, M15)
91	0121P00048	BRACKET-MOTOR MOUNT
101	0130P00038	THERMISTOR-DISCHARGE
NS	0163P00027	BEARING

Expanded Model Nomenclature

M1 - PTC124G00HRXXAA
M2 - PTC124G00HXXXAA
M3 - PTC124G25AXXXAA
M4 - PTC124G25CXXXAA
M5 - PTC124G25QRXXAA
M6 - PTC124G25RXXXAA
M7 - PTC124G35AXXXAA
M8 - PTC124G35CXXXAA
M9 - PTC124G35DXXXAA
M10 - PTC124G35QRXXAA
M11 - PTC124G35QXXXAA
M12 - PTC124G35RXXXAA
M13 - PTC124G50AXXXAA
M14 - PTC124G50CXXXAA
M15 - PTC124G50RXXXAA

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		5 MM CONDENSER COIL ASSY (M1, M2, M3, M5, M6, M7, M9, M10, M11, M12, M13, M15)
51	0202P00072DG		CONDENSER ASSY PNT (M4, M8, M14)
71	44A287A		COMPRESSOR, RECHI
81	60130203		GROMMET - RECHI COMPRESSOR (QTY 3)
91	0163M00079		SCREW, SHOULDER (QTY 3)
111	60343539		OVERLOAD PROTECTOR
201	0210P00211		CAPILLARY WELDMENT
311	20295709		THERMISTOR-HEAT PUMP (M5, M6, M10, M12, M15)
321	0130P00073		THERMISTOR
321	0130P00077		THERMISTOR (M1, M5, M6, M10, M12, M15)
331	20295711		THERMISTOR (M1)
331	20295707		THERMISTOR-INDOOR COIL
NS	60500101		OLP SPRING - RECHI COMPRESSOR
NS	BT1392310		PLASTIC CLAMP, .1875 DIA
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 - PTC124G00HRXXAA
M2 - PTC124G00HXXXAA
M3 - PTC124G25AXXXAA
M4 - PTC124G25CXXXAA
M5 - PTC124G25QRXXAA
M6 - PTC124G25RXXXAA
M7 - PTC124G35AXXXAA
M8 - PTC124G35CXXXAA
M9 - PTC124G35DXXXAA
M10 - PTC124G35QRXXAA
M11 - PTC124G35QXXXAA
M12 - PTC124G35RXXXAA
M13 - PTC124G50AXXXAA
M14 - PTC124G50CXXXAA
M15 - PTC124G50RXXXAA