

PTC074 Package Terminal Air Conditioner

PTC074G00CHXXAB
PTC074G00HRXXAA
PTC074G00HRXXAB
PTC074G00HXXXAA
PTC074G00HXXXAB
PTC074G25AXXXAA
PTC074G25AXXXAB
PTC074G25CXXXAA
PTC074G25CXXXAB
PTC074G25DXXXAB
PTC074G25RXXXAA
PTC074G25RXXXAB
PTC074G35AXXXAA
PTC074G35AXXXAB
PTC074G35CXXXAA
PTC074G35CXXXAB
PTC074G35QRXXAA
PTC074G35QRXXAB
PTC074G35QXXXAA
PTC074G35QXXXAB
PTC074G35RXXXAA
PTC074G35RXXXAB



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This manual is to be used by qualified technicians only.

This manual replaces RP-691C.

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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 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

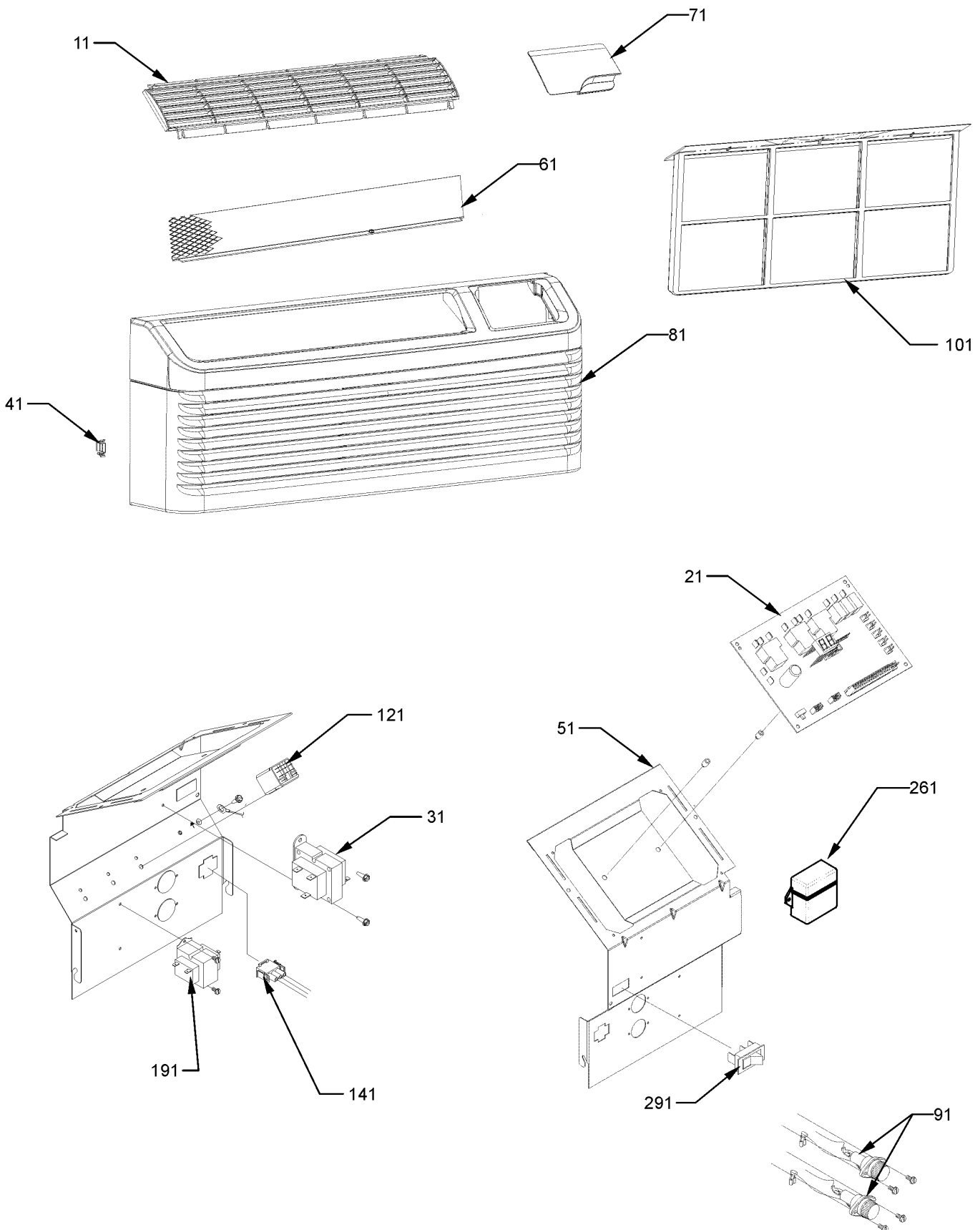
Functional Parts

Part

No: Description:

		Expanded Model Nomenclature
CAP020150450CS	CAP, 2/15 MFD/450V/DUAL RD	M1 - PTC074G00CHXXAB
CAP010000500RP	CAPACITOR 2/440V	M2 - PTC074G00HRXXAA
39A167A	COMPRESSOR, RECHI	M3 - PTC074G00HRXXAB
RSKP0010	CONTROL BOARD M61	M4 - PTC074G00HXXXAA
RSKP0005	CONTROL PANEL COVER AND MEMBRANE	M5 - PTC074G00HXXXAB
11114701	CORD 277 VAC, 20A	M6 - PTC074G25AXXXAA
0130M00132	CUT-OUT SWITCH, HIGH PRESSURE	M7 - PTC074G25AXXXAB
0131P00037	FAN MOTOR, INDOOR	M8 - PTC074G25CXXXAA
0131P00034	FAN MOTOR, OUTDOOR (M1, M3, M5, M7, M9, M10, M12, M14, M16, M18, M20, M22)	M9 - PTC074G25CXXXAB
0131P00028	FAN MOTOR, OUTDOOR (M2, M4, M6, M8, M11, M13, M15, M17, M19, M21)	M10 - PTC074G25DXXXAB
0161P00030	FAN, CONDENSER	M11 - PTC074G25RXXXAA
A3410402	FUSE 15A (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12)	M12 - PTC074G25RXXXAB
A3410403	FUSE 20A (M13, M14, M15, M16, M17, M18, M19, M20, M21, M22)	M13 - PTC074G35AXXXAA
0275P00023	HEATER ASSY (M6, M7, M8, M9, M10, M11, M12)	M14 - PTC074G35AXXXAB
0275P00040	HEATER ASSY (M13, M14, M15, M16, M17, M18, M19, M20, M21, M22)	M15 - PTC074G35CXXXAA
60343547	OVERLOAD PROTECTOR	M16 - PTC074G35CXXXAB
11172801	POWER VENT MOTOR (M10)	M17 - PTC074G35QRXXAA
C8873917	RELAY (HYDRONIC) (M1, M2, M3, M4, M5)	M18 - PTC074G35QRXXAB
C8873932	RELAY (POWER VENT) (M10)	M19 - PTC074G35QXXXAA
B1160701	TERMINAL BOARD (M10)	M20 - PTC074G35QXXXAB
0130P00094	THERMISTOR (M2, M3, M11, M12, M17, M18, M21, M22)	M21 - PTC074G35RXXXAA
0130P00073	THERMISTOR	M22 - PTC074G35RXXXAB
0130P00134	THERMISTOR - DISCHARGE	
0130P00077	THERMISTOR - INDOOR (M2, M3, M11, M12, M17, M18, M21, M22)	
0130P00084	THERMISTOR - INDOOR COIL	
0130P00098	THERMISTOR - OUTDOOR AMBIENT (M2, M3, M11, M12, M17, M18, M21, M22)	
0130M00152	TRANSFORMER (M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22)	
0130M00151	TRANSFORMER 277V to 24V, 40VA (M1, M2, M3, M4, M5, M10)	

Control Panel / Front Assembly



Control Panel / Front Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

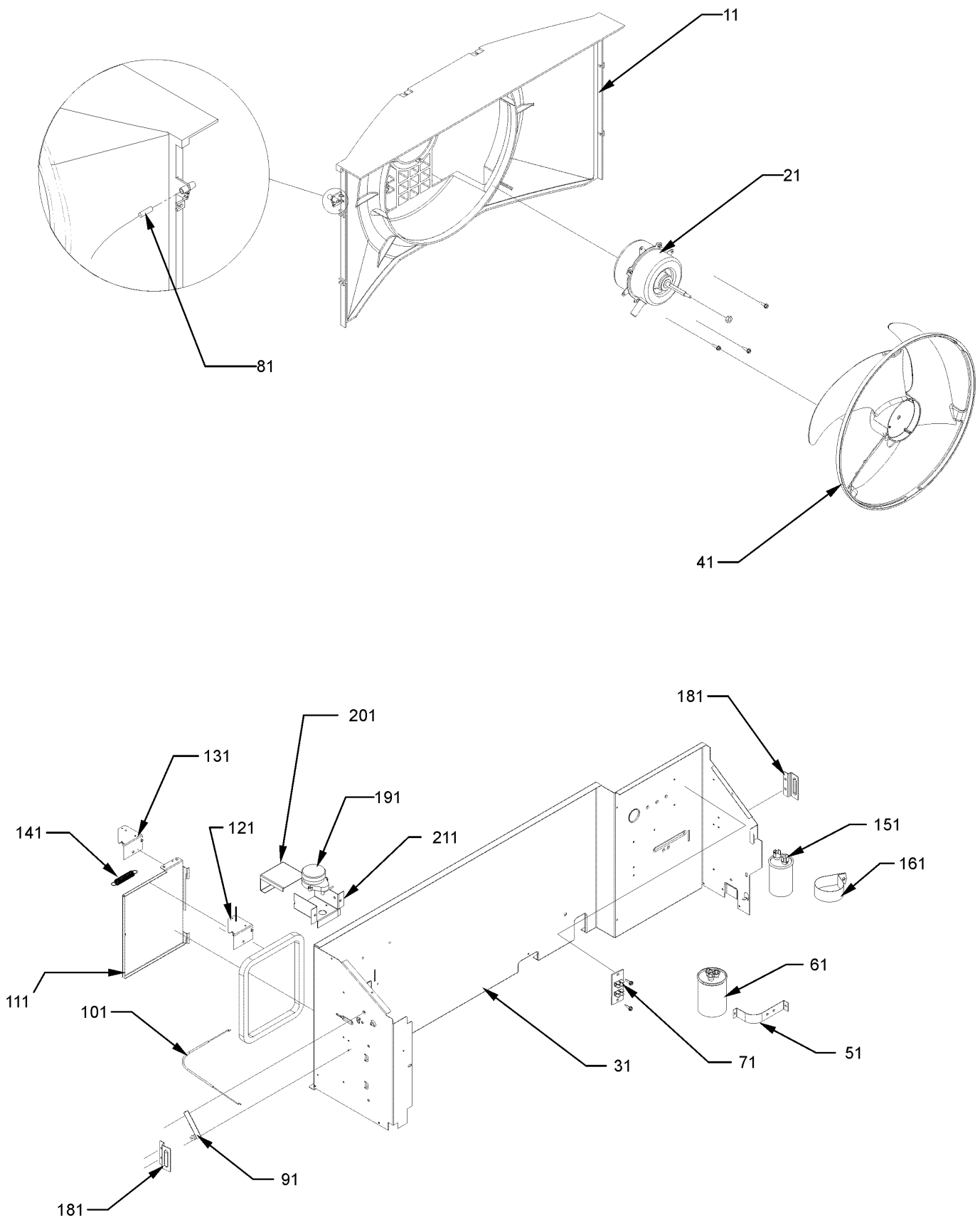
Image 1:

11	0161P00048	FRONT, LOUVERS DISCHARGE (M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22)
21	RSKP0010	CONTROL BOARD M61
31	0130M00152	TRANSFORMER (M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22)
41	0163P00025	CLIP (M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22)
51	0121P00087	PANEL, CONTROL
61	0121P00073	SCREEN, DISCHARGE (M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22)
71	0261P00003	DOOR ASSY -AMANA- (M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22)
81	0261P00011	FRONT ASSY (M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22)
91	C6476001	BAYONET FUSE HOLDER (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12)
91	C6476002	BAYONET FUSE HOLDER (M13, M14, M15, M16, M17, M18, M19, M20, M21, M22)
101	0161P00035	FILTER, RACK (M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22)
121	C8873917	RELAY (HYDRONIC) (M1, M2, M3, M4, M5)
121	C8873932	RELAY (POWER VENT) (M10)
141	0259P00009	HARNESS, HYDR HT PTC (M1, M2, M3, M4, M5)
191	0130M00151	TRANSFORMER 277V to 24V, 40VA (M1, M2, M3, M4, M5, M10)
261	0130P00104	ANTENNA (DIGITENNA) (M2, M3, M11, M12, M17, M18, M21, M22)
291	B1337701	PADDLE SWITCH (M10)
NS	A3410402	FUSE 15A (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12)
NS	A3410403	FUSE 20A (M13, M14, M15, M16, M17, M18, M19, M20, M21, M22)

Expanded Model Nomenclature

M1 - PTC074G00CHXXAB
M2 - PTC074G00HRXXAA
M3 - PTC074G00HRXXAB
M4 - PTC074G00HXXXAA
M5 - PTC074G00HXXXAB
M6 - PTC074G25AXXXAA
M7 - PTC074G25AXXXAB
M8 - PTC074G25CXXXAA
M9 - PTC074G25CXXXAB
M10 - PTC074G25DXXXAB
M11 - PTC074G25RXXXAA
M12 - PTC074G25RXXXAB
M13 - PTC074G35AXXXAA
M14 - PTC074G35AXXXAB
M15 - PTC074G35CXXXAA
M16 - PTC074G35CXXXAB
M17 - PTC074G35QRXXAA
M18 - PTC074G35QRXXAB
M19 - PTC074G35QXXXAA
M20 - PTC074G35QXXXAB
M21 - PTC074G35RXXXAA
M22 - PTC074G35RXXXAB

Condenser Fan / Partition Assembly



Condenser Fan / Partition Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

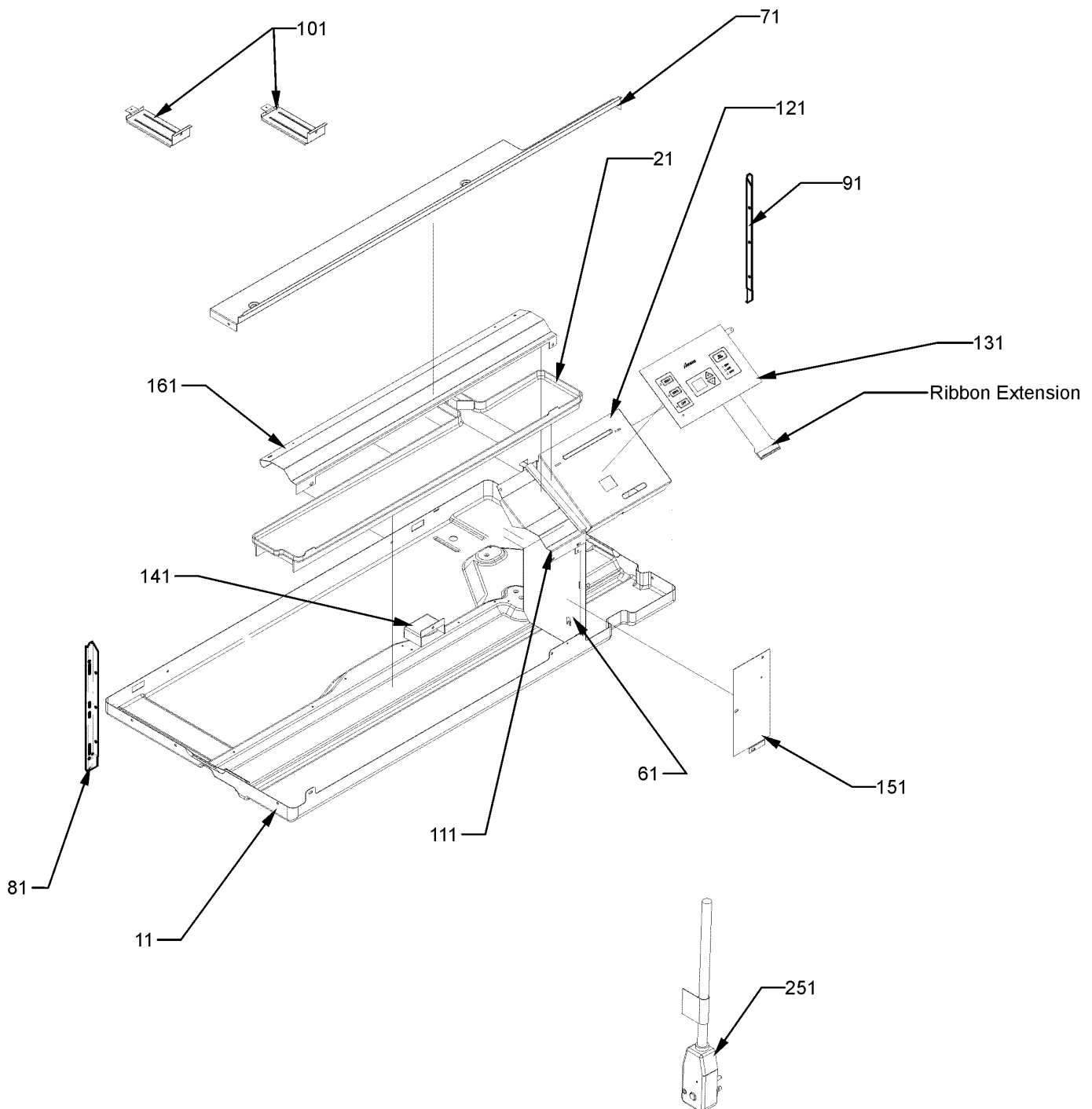
Image 1:

11	0161P00026	SHROUD, CONDENSER
21	0131P00028	FAN MOTOR, OUTDOOR (M2, M4, M6, M8, M11, M13, M15, M17, M19, M21)
21	0131P00034	FAN MOTOR, OUTDOOR (M1, M3, M5, M7, M9, M10, M12, M14, M16, M18, M20, M22)
31	0121P00093	PANEL-PARTITION (M17, M18, M19, M20)
31	0121P00108NG	PANEL-PARTITION
41	0161P00030	FAN, CONDENSER
51	C6300502	CAPACITOR STRAP
61	CAP020150450CS	CAP, 2/15 MFD/450V/DUAL RD
71	B1160701	TERMINAL BOARD (M10)
81	0130P00098	THERMISTOR - OUTDOOR AMBIENT (M2, M3, M11, M12, M17, M18, M21, M22)
91	11046302	LEVER ARM (M1, M2, M3, M4, M5, M6, M7, M8, M9, M11, M12, M13, M14, M15, M16, M21, M22)
101	0163P00019	CABLE
111	11046105PNG	VENT DOOR PTC (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M21, M22)
121	0121P00079	BRACKET, VENT DOOR (M10)
131	0121P00080	BRACKET, POWER VENT (M10)
131	0121P00072NG	BRACKET, VENT DOOR-C (M1, M2, M3, M4, M5, M6, M7, M8, M9, M11, M12, M13, M14, M15, M16, M21, M22)
141	11166401	EXTENSION SPRING (M10)
151	CAP010000500RP	CAPACITOR 2/440V
161	0163P00029	CAPACITOR CLAMP
181	11191703	PARTITION PANEL BRACKET (M1, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22)
191	11172801	POWER VENT MOTOR (M10)
201	11166201	POWER VENT COVER BRACKET (M10)
211	11166101	POWER VENT MOTOR BRACKET (M10)
NS	0121P00091	PANEL-AUXILLIARY (M17, M18, M19, M20)

Expanded Model Nomenclature

M1 - PTC074G00CHXXAB
M2 - PTC074G00HRXXAA
M3 - PTC074G00HRXXAB
M4 - PTC074G00HXXXAA
M5 - PTC074G00HXXXAB
M6 - PTC074G25AXXXAA
M7 - PTC074G25AXXXAB
M8 - PTC074G25CXXXAA
M9 - PTC074G25CXXXAB
M10 - PTC074G25DXXXAB
M11 - PTC074G25RXXXAA
M12 - PTC074G25RXXXAB
M13 - PTC074G35AXXXAA
M14 - PTC074G35AXXXAB
M15 - PTC074G35CXXXAA
M16 - PTC074G35CXXXAB
M17 - PTC074G35QRXXAA
M18 - PTC074G35QRXXAB
M19 - PTC074G35QXXXAA
M20 - PTC074G35QXXXAB
M21 - PTC074G35RXXXAA
M22 - PTC074G35RXXXAB

Partition Assembly



Partition Assembly

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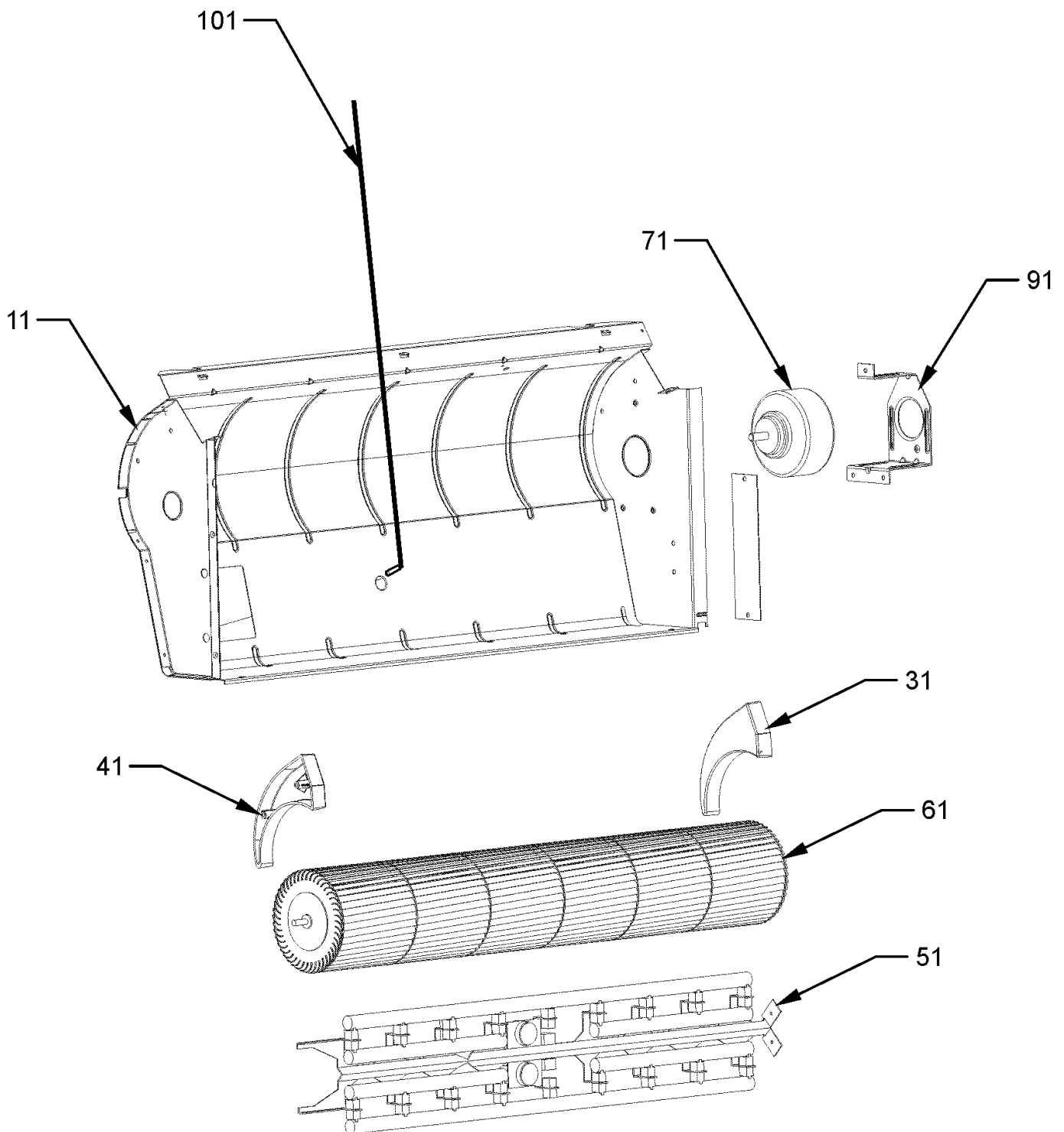
Image 1:

11	0121P00133DG	BASEPAN (M2, M3, M4, M5, M6, M7, M10, M11, M12, M13, M14, M17, M18, M19, M20, M21, M22)
11	0121P00133NG	BASEPAN (M1, M8, M9, M15, M16)
21	0161P00044	PLASTIC-DRAIN PAN
61	20403301	MID PARTITION PANEL
71	0121P00063NG	TOP, PARTITION PANEL
81	20416201	SEAL-L SIDE PTC
91	20416101	SEAL-R SIDE PTC
101	0121P00071NG	BRACE, TIE (QTY 2)
111	0121P00070DG	COVER, MOTOR
121	0121P00129	COVER-CONTROL PANEL
131	RSKP0005	CONTROL PANEL COVER AND MEMBRANE
141	0161P00016	PLASTIC-HOOD
151	20410801	ACCESS COVER
161	0121P00061DG	CUTOFF-SCROLL DG
251	11114701	CORD 277 VAC, 20A
NS	0130P00054	MEMBRANE (CONTROL)

Expanded Model Nomenclature

M1 - PTC074G00CHXXAB
 M2 - PTC074G00HRXXAA
 M3 - PTC074G00HRXXAB
 M4 - PTC074G00HXXXAA
 M5 - PTC074G00HXXXAB
 M6 - PTC074G25AXXXAA
 M7 - PTC074G25AXXXAB
 M8 - PTC074G25CXXXAA
 M9 - PTC074G25CXXXAB
 M10 - PTC074G25DXXXAB
 M11 - PTC074G25RXXXAA
 M12 - PTC074G25RXXXAB
 M13 - PTC074G35AXXXAA
 M14 - PTC074G35AXXXAB
 M15 - PTC074G35CXXXAA
 M16 - PTC074G35CXXXAB
 M17 - PTC074G35QRXXAA
 M18 - PTC074G35QRXXAB
 M19 - PTC074G35QXXXAA
 M20 - PTC074G35QXXXAB
 M21 - PTC074G35RXXXAA
 M22 - PTC074G35RXXXAB

Evaporator Blower / Heater Assembly



Evaporator Blower / Heater Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

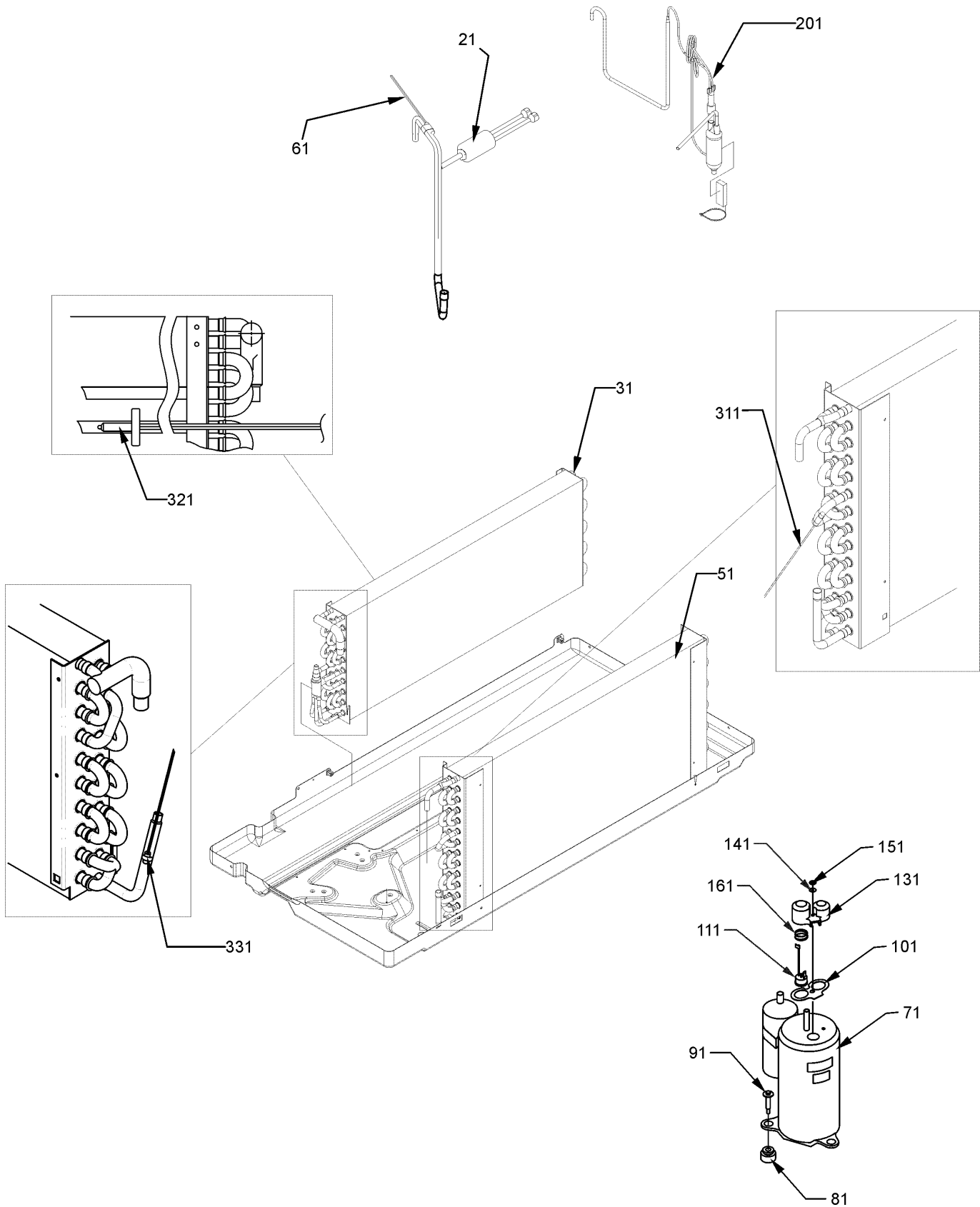
Image 1:

11	0270P01070	SCROLL ASSY
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00023	HEATER ASSY (M6, M7, M8, M9, M10, M11, M12)
51	0275P00040	HEATER ASSY (M13, M14, M15, M16, M17, M18, M19, M20, M21, M22)
61	0150P00004	WHEEL, BLOWER
71	0131P00037	FAN MOTOR, INDOOR
91	0121P00048	BRACKET-MOTOR MOUNT
101	0130P00134	THERMISTOR - DISCHARGE
NS	0163P00027	BEARING

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M1 - PTC074G00CHXXAB
 M2 - PTC074G00HRXXAA
 M3 - PTC074G00HRXXAB
 M4 - PTC074G00HXXXAA
 M5 - PTC074G00HXXXAB
 M6 - PTC074G25AXXXAA
 M7 - PTC074G25AXXXAB
 M8 - PTC074G25CXXXAA
 M9 - PTC074G25CXXXAB
 M10 - PTC074G25DXXXAB
 M11 - PTC074G25RXXXAA
 M12 - PTC074G25RXXXAB
 M13 - PTC074G35AXXXAA
 M14 - PTC074G35AXXXAB
 M15 - PTC074G35CXXXAA
 M16 - PTC074G35CXXXAB
 M17 - PTC074G35QRXXAA
 M18 - PTC074G35QRXXAB
 M19 - PTC074G35QXXXAA
 M20 - PTC074G35QXXXAB
 M21 - PTC074G35RXXXAA
 M22 - PTC074G35RXXXAB

Coil / Compressor / Tubing Assembly



Coil / Compressor / Tubing Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
21	0130M00132		CUT-OUT SWITCH, HIGH PRESSURE
31	0202P00067		EVAP ASSY, 3/8, 2 ROW
51	0201P00094		5 MM CONDENSER COIL ASSY (M2, M3, M4, M5, M6, M7, M10, M11, M12, M13, M14, M17, M18, M19, M20, M21, M22)
51	0202P00072NG		CONDENSER ASSY PNT (M1, M8, M9, M15, M16)
61	0130P00077		THERMISTOR - INDOOR (M2, M3, M11, M12, M17, M18, M21, M22)
71	39A167A		COMPRESSOR, RECHI
81	60110202		GROMMET - RECHI COMPRESSOR (QTY 3)
91	M0253661		SHOULDER SCREW (QTY 3)
101	60100103		TERMINAL GASKET
111	60343547		OVERLOAD PROTECTOR
131	60100314		TERMINAL COVER - RECHI COMP
141	60100201		WASHER - RECHI COMPRESSOR
151	60100401		TERMINAL NUT - RECHI COMP
161	60500101		OLP SPRING - RECHI COMPRESSOR
201	0210P00209		CAPILLARY WELD
311	0130P00094		THERMISTOR (M2, M3, M11, M12, M17, M18, M21, M22)
321	0130P00073		THERMISTOR
331	0130P00084		THERMISTOR - INDOOR COIL

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 M4 - PTC074G00HXXXAA
 M5 - PTC074G00HXXXAB
 M6 - PTC074G25AXXXAA
 M7 - PTC074G25AXXXAB
 M8 - PTC074G25CXXXAA
 M9 - PTC074G25CXXXAB
 M10 - PTC074G25DXXXAB
 M11 - PTC074G25RXXXAA
 M12 - PTC074G25RXXXAB
 M13 - PTC074G35AXXXAA
 M14 - PTC074G35AXXXAB
 M15 - PTC074G35CXXXAA
 M16 - PTC074G35CXXXAB
 M17 - PTC074G35QRXXAA
 M18 - PTC074G35QRXXAB
 M19 - PTC074G35QXXXAA
 M20 - PTC074G35QXXXAB
 M21 - PTC074G35RXXXAA
 M22 - PTC074G35RXXXAB