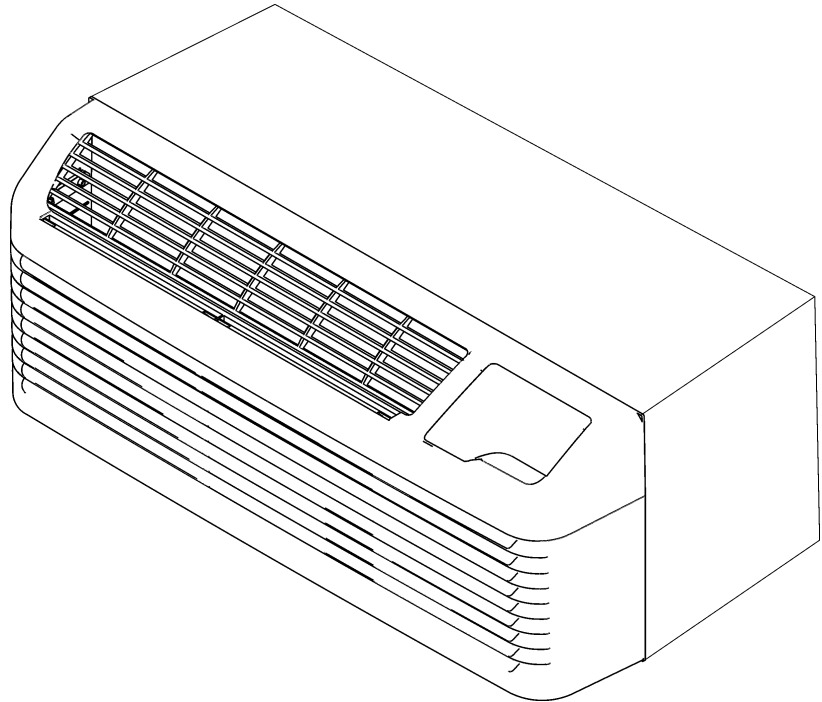

PTC094E Package Terminal Air Conditioner

PTC094E00HRXXAB
PTC094E00HXXXAB
PTC094E25AXXXAB
PTC094E25AXXXAC
PTC094E25CXXXAB
PTC094E25CXXXAC
PTC094E25RXXXAB
PTC094E35AXXXAB
PTC094E35AXXXAC
PTC094E35CRXXAC
PTC094E35CXXXAB
PTC094E35CXXXAC
PTC094E35DXXXAB
PTC094E35QXXXAB
PTC094E35QXXXAC
PTC094E35RXXXAB
PTC094E50AXXXAB
PTC094E50AXXXAC
PTC094E50CXXXAB
PTC094E50CXXXAC
PTC094E50RXXXAB



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This manual is to be used by qualified technicians only.

This manual replaces RP-644D.

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Important Information

Index

Functional Parts List	3
Illustration and Parts	4 - 13

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:

Homeowner Support
Goodman Company, L.P.
19001 Kermier Road
Waller, Texas 77484
877-254-4729-Telephone
713-863-2382-Facsimile

For assistance outside the U.S.A. contact:

International Division
Goodman Company, L.P.
19001 Kermier Road
Waller, Texas 77484
713-861-2500-Telephone
713-863-2382-Facsimile

Functional Parts

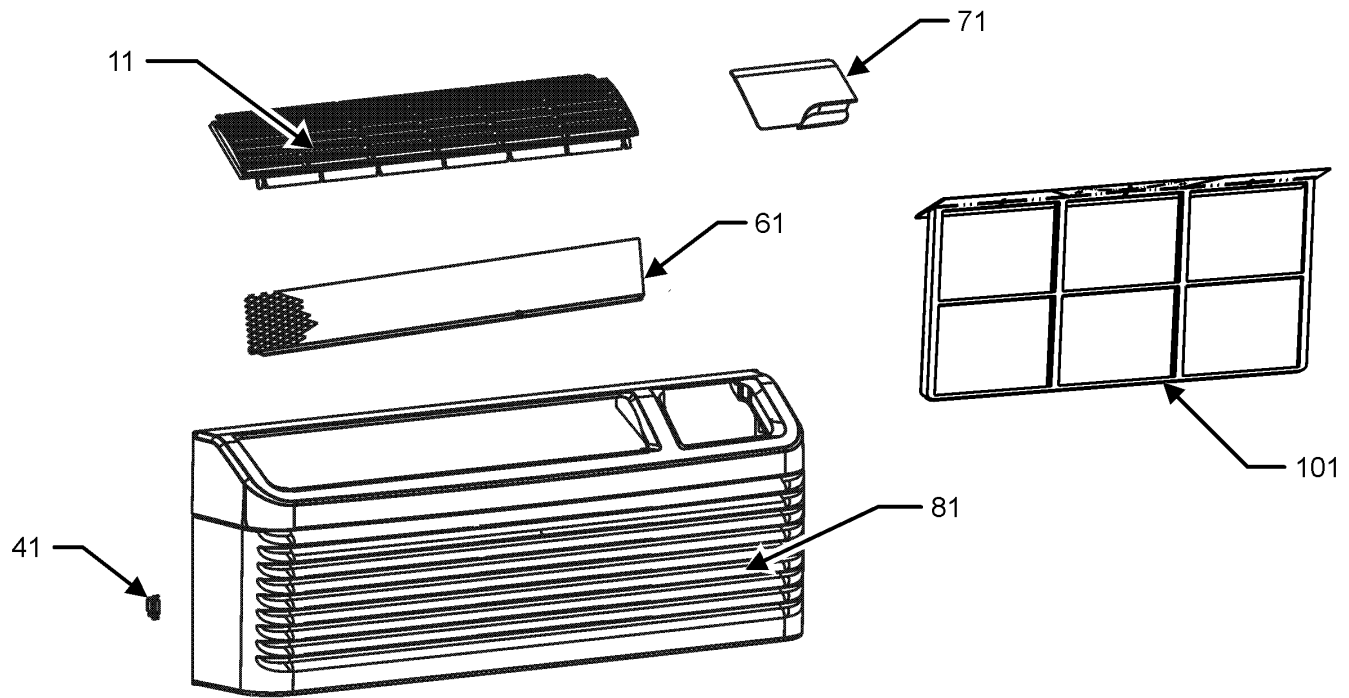
Part

No: Description:

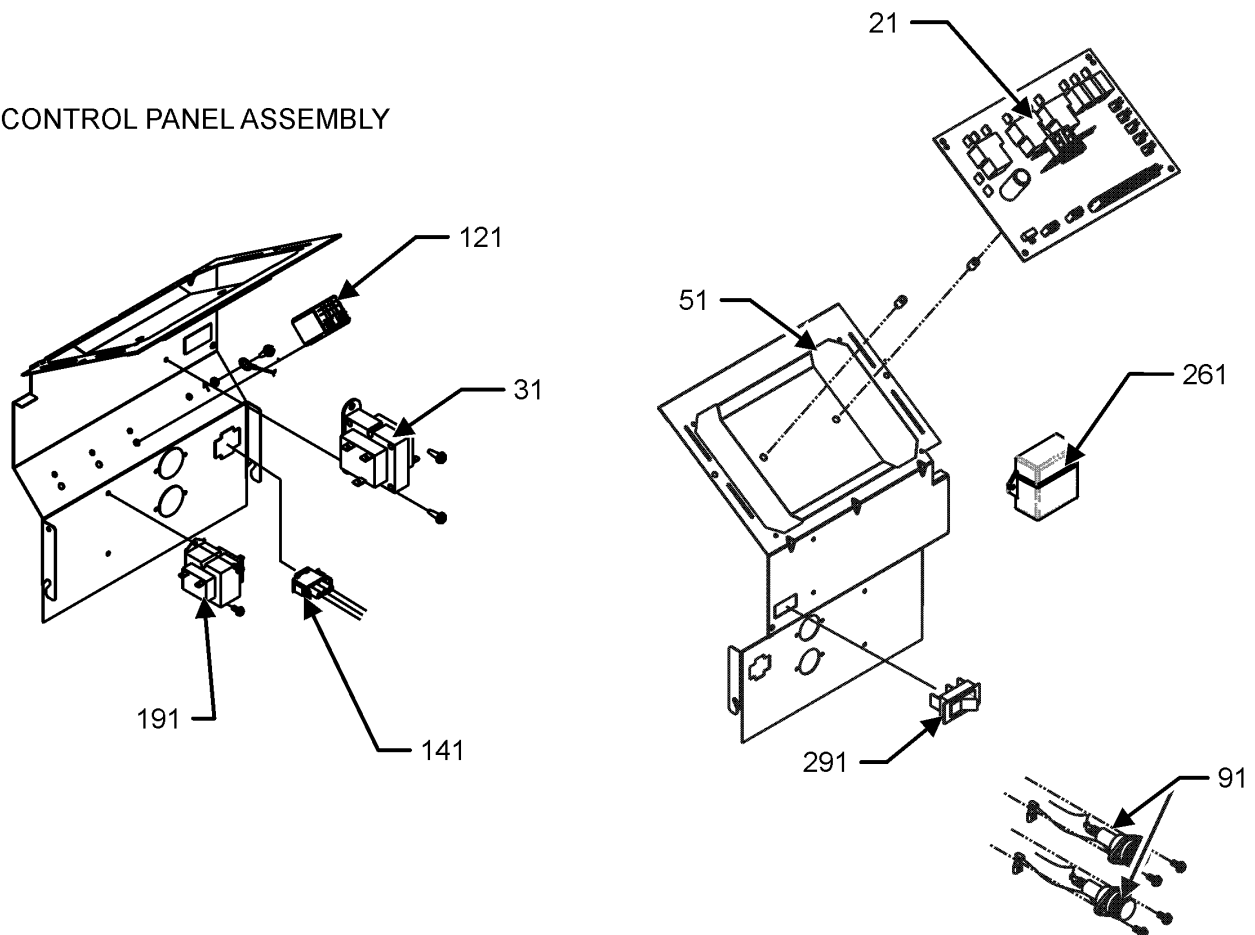
		Expanded Model Nomenclature
CAP015000500RP	CAPACITOR (M1, M2, M17, M18, M19, M20, M21)	M1 - PTC094E00HRXXAB
CAP010000500RP	CAPACITOR (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)	M2 - PTC094E00HXXXAB
CAP020250450CS	CAPACITOR 2/25/450V/DUAL RD (M4, M6, M9, M10, M12, M15, M18, M20)	M3 - PTC094E25AXXXAB
CAP020250440RS	CAPACITOR 2/250/440V (M1, M2, M3, M5, M7, M8, M11, M13, M14, M16, M17, M19, M21)	M4 - PTC094E25AXXXAC
44A207A	COMPRESSOR, RECHI	M5 - PTC094E25CXXXAB
RSKP0010	CONTROL BOARD M61 (M1, M7, M10, M16, M21)	M6 - PTC094E25CXXXAC
RSKP0005	CONTROL PANEL COVER AND MEMBRANE	M7 - PTC094E25RXXXAB
11114701	CORD 277 VAC, 20A (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)	M8 - PTC094E35AXXXAB
11114801	CORD 277 VAC, 30A (M17, M18, M19, M20, M21)	M9 - PTC094E35AXXXAC
0130M00132	CUT-OUT SWITCH, HIGH PRESSURE	M10 - PTC094E35CRXXAC
0131P00017	FAN MOTOR OUTDOOR (M1, M2, M3, M5, M7, M8, M11, M13, M14, M16, M17, M19, M21)	M11 - PTC094E35CXXXAB
0131P00038	FAN MOTOR, INDOOR (M1, M2, M17, M18, M19, M20, M21)	M12 - PTC094E35CXXXAC
0131P00037	FAN MOTOR, INDOOR (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)	M13 - PTC094E35DXXXAB
0131P00028	FAN MOTOR, OUTDOOR (M4, M6, M9, M10, M12, M15, M18, M20)	M14 - PTC094E35QXXXAB
0161P00055	FAN, CONDENSER	M15 - PTC094E35QXXXAC
A3410402	FUSE 15A (M1, M2, M3, M4, M5, M6, M7)	M16 - PTC094E35RXXXAB
A3410403	FUSE 20A (M8, M9, M10, M11, M12, M13, M14, M15, M16)	M17 - PTC094E50AXXXAB
A3410404	FUSE 25A (M17, M18, M19, M20, M21)	M18 - PTC094E50AXXXAC
0275P00041	HEATER ASSY (M17, M18, M19, M20, M21)	M19 - PTC094E50CXXXAB
0275P00040	HEATER ASSY (M8, M9, M10, M11, M12, M13, M14, M15, M16)	M20 - PTC094E50CXXXAC
0275P00023	HEATER ASSY (M3, M4, M5, M6, M7)	M21 - PTC094E50RXXXAB
0130P00137	MOTOR (M13)	
60343516	OVERLOAD PROTECTOR	
0130M00097	RELAY (M4, M6, M9, M10, M12, M15, M18, M20)	
C8873917	RELAY (HYDRONIC) (M1, M2)	
C8873932	RELAY (POWER VENT) (M13)	
0130P00134	THERMISTOR - DISCHARGE	
0130P00085	THERMISTOR - HEAT PUMP (M1, M7, M16, M21)	
0130P00077	THERMISTOR - INDOOR (M1, M7, M10, M16, M21)	
0130P00046	THERMISTOR - INDOOR AMBIENT	
20295707	THERMISTOR - INDOOR COIL	
0130P00098	THERMISTOR - OUTDOOR AMBIENT (M1, M7, M10, M16, M21)	
0130M00329	TRANSFORMER 20VA 60HZ (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21)	
0130M00151	TRANSFORMER 277V to 24V, 40VA (M1, M2, M13)	

Front Panel and Control Panel Assembly

FRONT PANEL ASSEMBLY



CONTROL PANEL ASSEMBLY

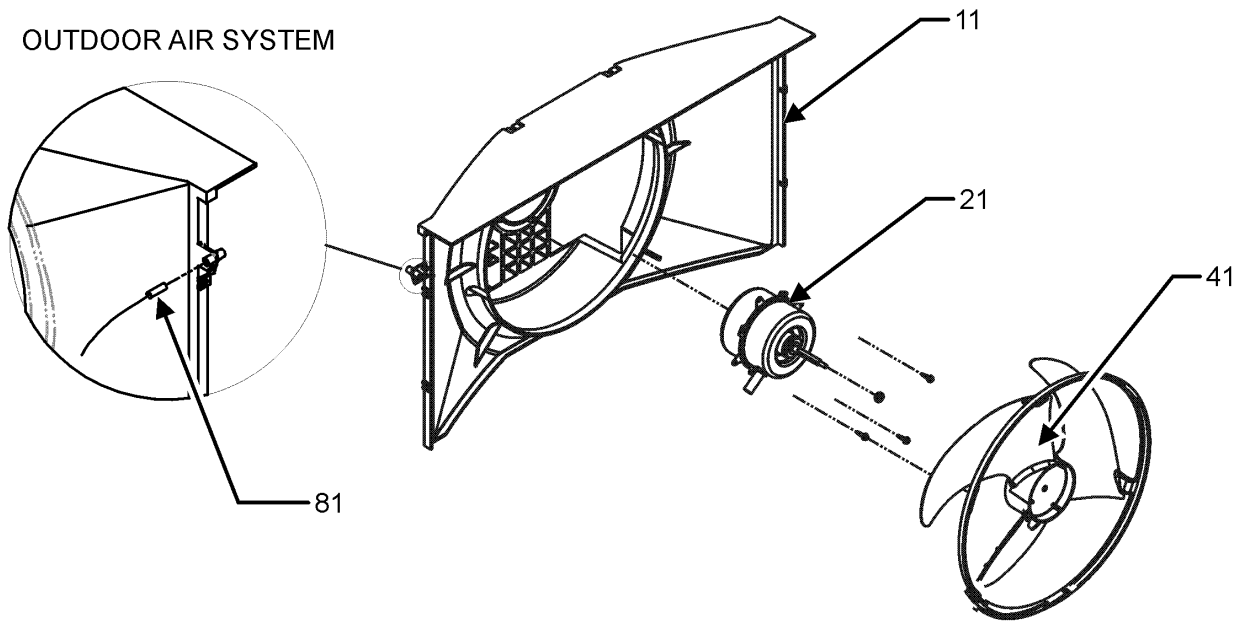


Front Panel and Control Panel Assembly

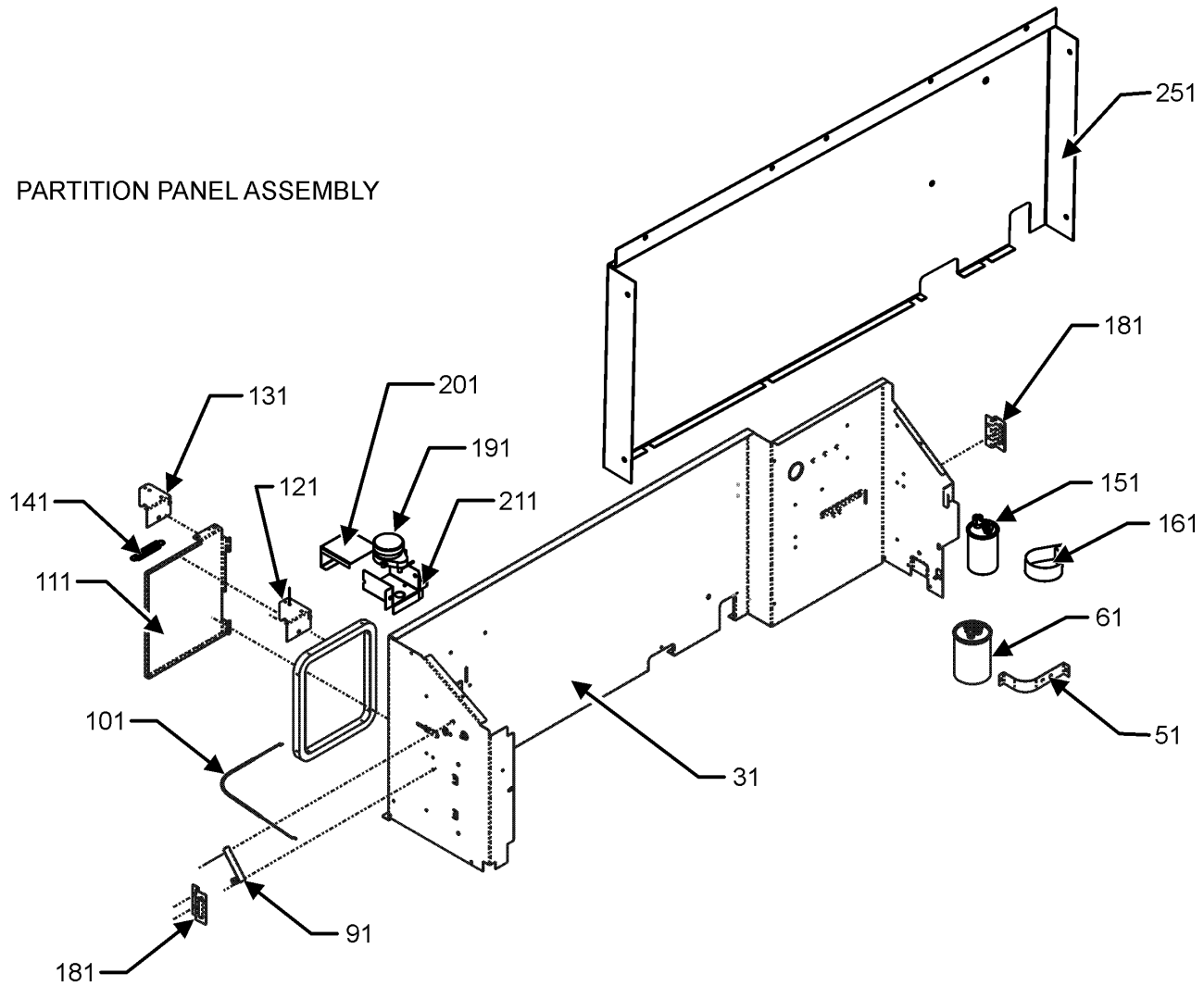
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:		Expanded Model Nomenclature	
11	0161P00048	FRONT-DICHARGE LOUVERS (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21)	M1 - PTC094E00HRXXAB M2 - PTC094E00HXXXAB M3 - PTC094E25AXXXAB M4 - PTC094E25AXXXAC M5 - PTC094E25CXXXAB M6 - PTC094E25CXXXAC M7 - PTC094E25RXXXAB M8 - PTC094E35AXXXAB M9 - PTC094E35AXXXAC M10 - PTC094E35CRXXAC M11 - PTC094E35CXXXAB M12 - PTC094E35CXXXAC M13 - PTC094E35DXXXAB M14 - PTC094E35QXXXAB M15 - PTC094E35QXXXAC M16 - PTC094E35RXXXAB M17 - PTC094E50AXXXAB M18 - PTC094E50AXXXAC M19 - PTC094E50CXXXAB M20 - PTC094E50CXXXAC M21 - PTC094E50RXXXAB
21	RSKP0010	CONTROL BOARD M61 (M1, M7, M10, M16, M21)	
31	0130M00329	TRANSFORMER 20VA 60HZ (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21)	
41	0163P00025	CLIP (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21)	
51	0121P00130	PANEL, CONTROL	
61	0121P00073	SCREEN, DISCHARGE (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21)	
71	0261P00003	DOOR ASSY -AMANA- (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21)	
81	0261P00011	FRONT ASSY (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21)	
91	C6476001	BAYONET FUSE HOLDER (M1, M2, M3, M4, M5, M6, M7)	
91	C6476002	BAYONET FUSE HOLDER (M8, M9, M10, M11, M12, M13, M14, M15, M16)	
91	C6476003	BAYONET FUSE HOLDER (M17, M18, M19, M20, M21)	
101	0161P00035	FILTER, RACK (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21)	
121	0130M00097	RELAY (M4, M6, M9, M10, M12, M15, M18, M20)	
121	C8873917	RELAY (HYDRONIC) (M1, M2)	
121	C8873932	RELAY (POWER VENT) (M13)	
141	0259P00009	HARNESS, HYDR HT PTC (M1, M2)	
191	0130M00151	TRANSFORMER 277V to 24V, 40VA (M1, M2, M13)	
261	0130P00104	ANTENNA (DIGITENNA) (M1, M7, M10, M16, M21)	
291	B1337701	PADDLE SWITCH (M13)	
NS	A3410402	FUSE 15A (M1, M2, M3, M4, M5, M6, M7)	
NS	A3410403	FUSE 20A (M8, M9, M10, M11, M12, M13, M14, M15, M16)	
NS	A3410404	FUSE 25A (M17, M18, M19, M20, M21)	

Outdoor System and Partition Panel Assy

OUTDOOR AIR SYSTEM



PARTITION PANEL ASSEMBLY



Outdoor System and Partition Panel Assy

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

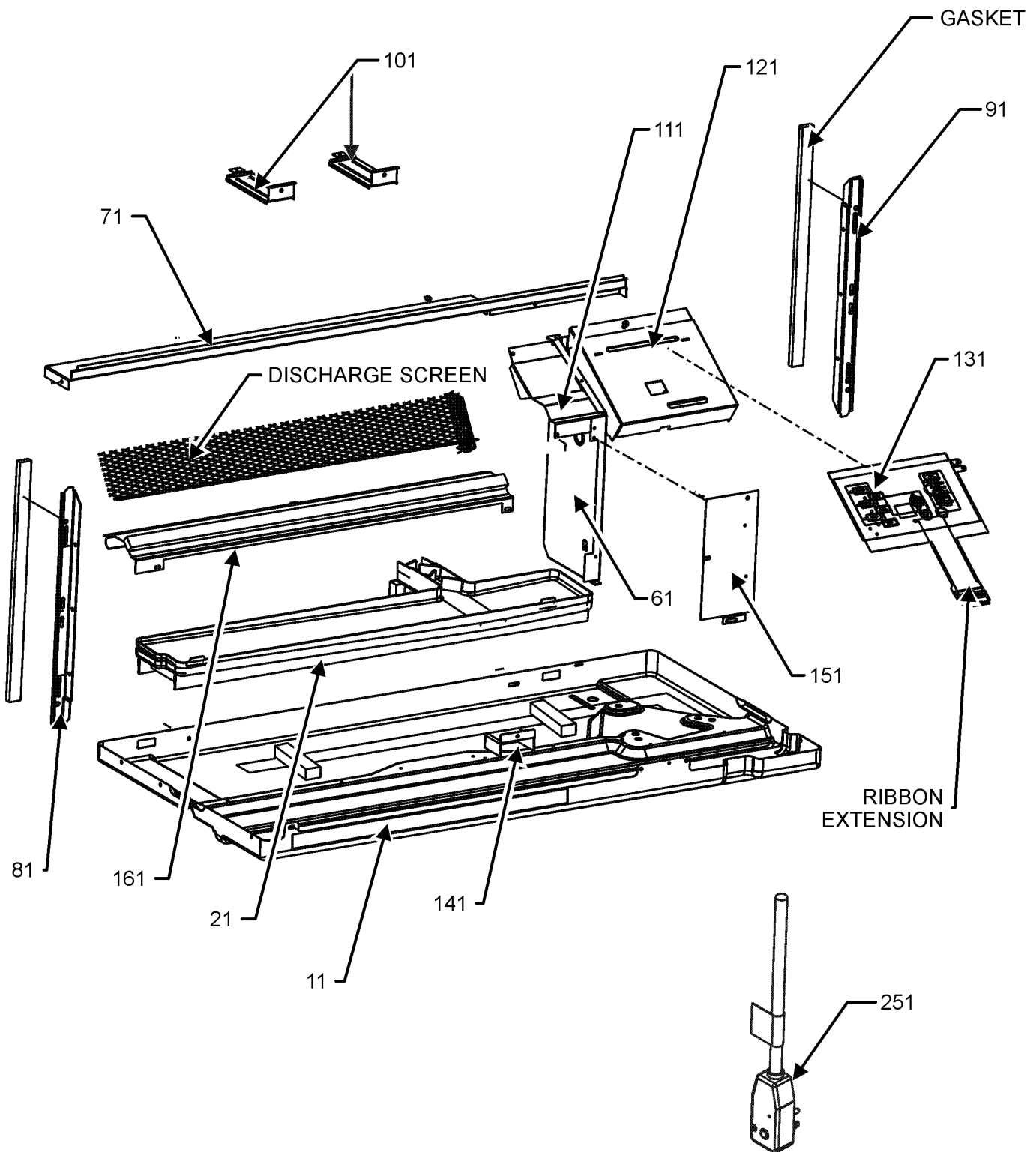
11	0161P00053	SHROUD, CONDENSOR (M4, M6, M9, M10, M12, M15, M18, M20)
21	0131P00017	FAN MOTOR OUTDOOR (M1, M2, M3, M5, M7, M8, M11, M13, M14, M16, M17, M19, M21)
21	0131P00028	FAN MOTOR, OUTDOOR (M4, M6, M9, M10, M12, M15, M18, M20)
31	0121P00093	PANEL-PARTITION (M15)
31	0121P00108NG	PANEL-PARTITION (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M16, M17, M18, M19, M20, M21)
41	0161P00055	FAN, CONDENSER
51	C6300502	CAPACITOR STRAP
61	CAP020250450CS	CAPACITOR 2/25/450V/DUAL RD (M4, M6, M9, M10, M12, M15, M18, M20)
61	CAP020250440RS	CAPACITOR 2/250/440V (M1, M2, M3, M5, M7, M8, M11, M13, M14, M16, M17, M19, M21)
81	0130P00098	THERMISTOR - OUTDOOR AMBIENT (M1, M7, M10, M16, M21)
91	11046302	LEVER ARM (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M14, M16, M17, M18, M19, M20, M21)
101	0163P00019	CABLE (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M14, M16, M17, M18, M19, M20, M21)
111	0121P00177NG	DOOR - PNT VENT PTC (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M16, M17, M18, M19, M20, M21)
121	0121P00079	BRACKET, VENT DOOR (M13)
131	0121P00072NG	BRACKET, VENT DOOR-C (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M14, M15, M16, M17, M18, M19, M20, M21)
141	11166401	EXTENSION SPRING (M13)
151	CAP010000500RP	CAPACITOR (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)
151	CAP015000500RP	CAPACITOR (M1, M2, M17, M18, M19, M20, M21)
161	0163P00029	CAPACITOR CLAMP
181	11191703	PARTITION PANEL BRACKET (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21)
191	0130P00137	MOTOR (M13)
201	11166201	POWER VENT COVER BRACKET (M13)
211	11166101	POWER VENT MOTOR BRACKET (M13)
251	0121P00091	PANEL-AUXILLIARY (M15)

Expanded Model Nomenclature

M1 - PTC094E00HRXXAB
M2 - PTC094E00HXXXAB
M3 - PTC094E25AXXXAB
M4 - PTC094E25AXXXAC
M5 - PTC094E25CXXXAB
M6 - PTC094E25CXXXAC
M7 - PTC094E25RXXXAB
M8 - PTC094E35AXXXAB
M9 - PTC094E35AXXXAC
M10 - PTC094E35CRXXAC
M11 - PTC094E35CXXXAB
M12 - PTC094E35CXXXAC
M13 - PTC094E35DXXXAB
M14 - PTC094E35QXXXAB
M15 - PTC094E35QXXXAC
M16 - PTC094E35RXXXAB
M17 - PTC094E50AXXXAB
M18 - PTC094E50AXXXAC
M19 - PTC094E50CXXXAB
M20 - PTC094E50CXXXAC
M21 - PTC094E50RXXXAB

Base Pan Assembly

BASE PAN ASSEMBLY



Base Pan Assembly

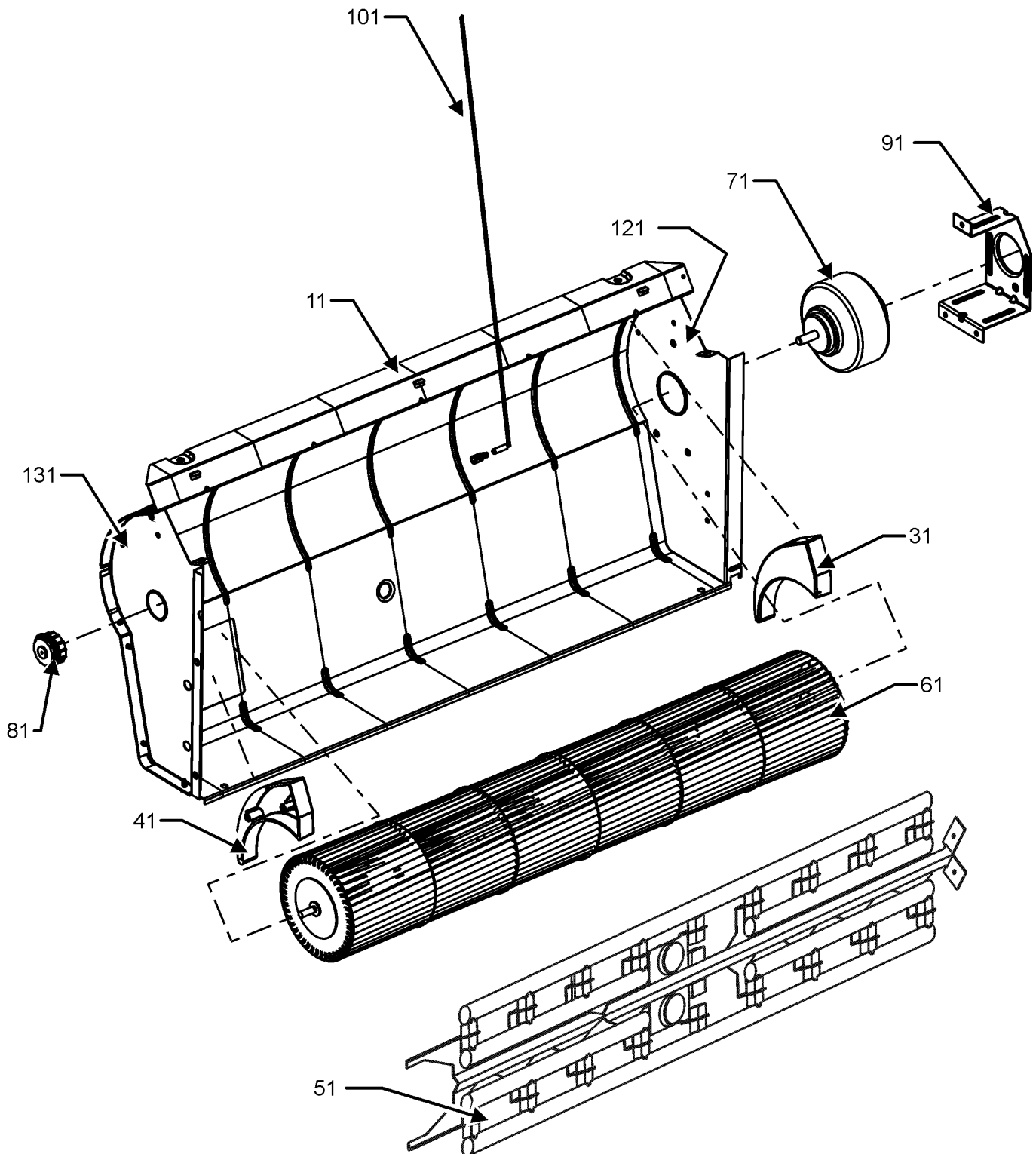
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0121P00175DG		BASE PAN (M1, M2, M3, M4, M7, M8, M9, M13, M14, M15, M16, M17, M18, M21)
11	0121P00175NG		BASE PAN (M5, M6, M10, M11, M12, M19, M20)
21	0161P00044		PLASTIC-DRAIN PAN
61	20403301		MID PARTITION PANEL
71	0121P00063NG		TOP, PARTITION PANEL
81	0121P00197		SEAL-L SIDE PTC
91	0121P00198		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 (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M16, M17, M18, M19, M20, M21)
151	20410801		ACCESS COVER
161	0121P00061DG		CUTOFF-SCROLL DG
251	11114701		CORD 277 VAC, 20A (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)
251	11114801		CORD 277 VAC, 30A (M17, M18, M19, M20, M21)
NS	0130P00054		MEMBRANE (CONTROL)

Expanded Model Nomenclature

M1 - PTC094E00HRXXAB
 M2 - PTC094E00HXXXAB
 M3 - PTC094E25AXXXAB
 M4 - PTC094E25AXXXAC
 M5 - PTC094E25CXXXAB
 M6 - PTC094E25CXXXAC
 M7 - PTC094E25RXXXAB
 M8 - PTC094E35AXXXAB
 M9 - PTC094E35AXXXAC
 M10 - PTC094E35CRXXAC
 M11 - PTC094E35CXXXAB
 M12 - PTC094E35CXXXAC
 M13 - PTC094E35DXXXAB
 M14 - PTC094E35QXXXAB
 M15 - PTC094E35QXXXAC
 M16 - PTC094E35RXXXAB
 M17 - PTC094E50AXXXAB
 M18 - PTC094E50AXXXAC
 M19 - PTC094E50CXXXAB
 M20 - PTC094E50CXXXAC
 M21 - PTC094E50RXXXAB

Indoor Blower Assembly

INDOOR BLOWER ASSEMBLY



Indoor Blower Assembly

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

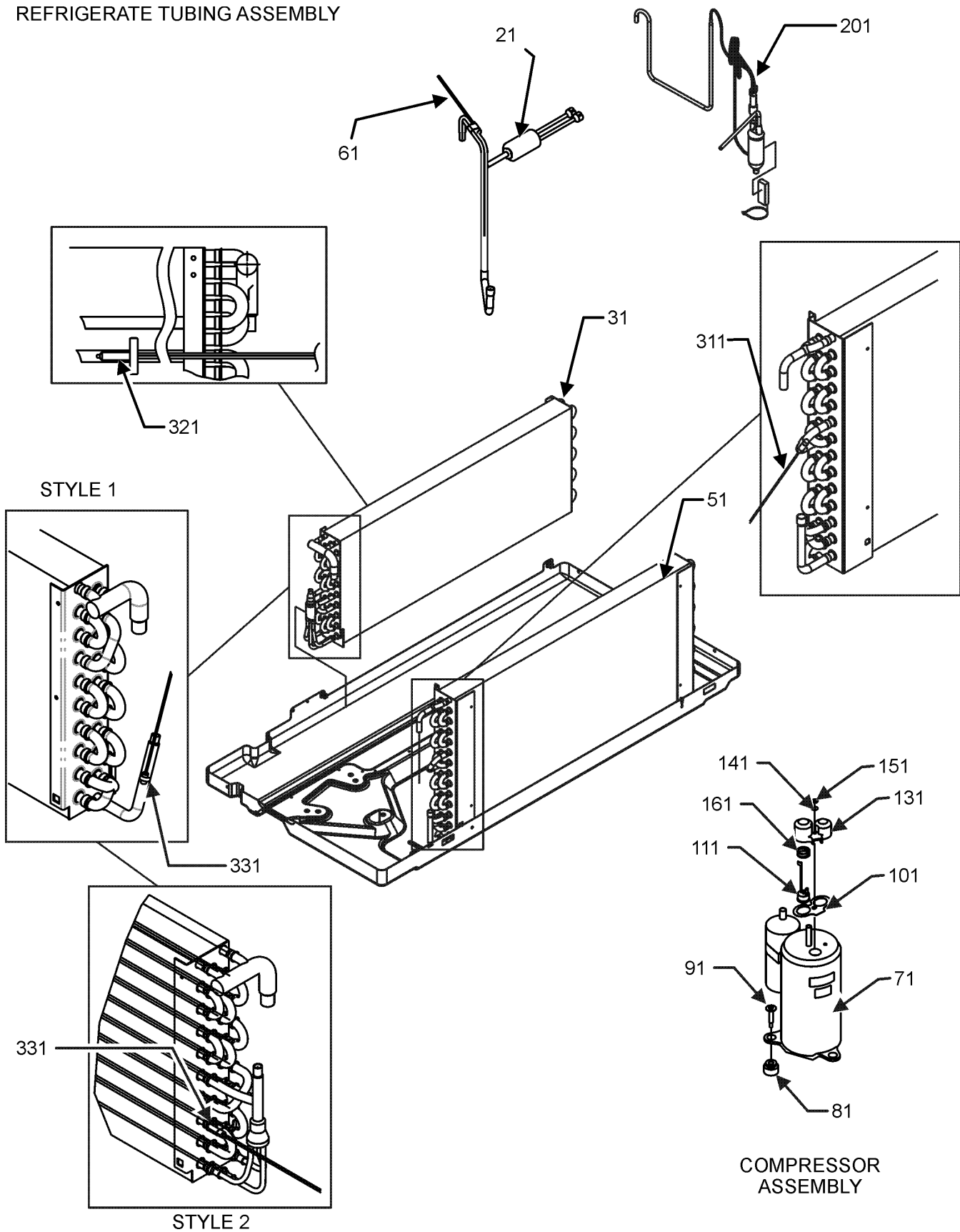
11	0121P00173DG	SCROLL
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00023	HEATER ASSY (M3, M4, M5, M6, M7)
51	0275P00040	HEATER ASSY (M8, M9, M10, M11, M12, M13, M14, M15, M16)
51	0275P00041	HEATER ASSY (M17, M18, M19, M20, M21)
61	0150P00004	WHEEL, BLOWER
71	0131P00037	FAN MOTOR, INDOOR (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)
71	0131P00038	FAN MOTOR, INDOOR (M1, M2, M17, M18, M19, M20, M21)
81	0163P00027	BEARING
91	0121P00048	BRACKET-MOTOR MOUNT
101	0130P00134	THERMISTOR - DISCHARGE
121	0121P00059DG	ENDPLATE-RH SCROLL
131	0121P00215DG	ENDPLATE- LH SCROLL

Expanded Model Nomenclature

M1 - PTC094E00HRXXAB
 M2 - PTC094E00HXXXAB
 M3 - PTC094E25AXXXAB
 M4 - PTC094E25AXXXAC
 M5 - PTC094E25CXXXAB
 M6 - PTC094E25CXXXAC
 M7 - PTC094E25RXXXAB
 M8 - PTC094E35AXXXAB
 M9 - PTC094E35AXXXAC
 M10 - PTC094E35CRXXAC
 M11 - PTC094E35CXXXAB
 M12 - PTC094E35CXXXAC
 M13 - PTC094E35DXXXAB
 M14 - PTC094E35QXXXAB
 M15 - PTC094E35QXXXAC
 M16 - PTC094E35RXXXAB
 M17 - PTC094E50AXXXAB
 M18 - PTC094E50AXXXAC
 M19 - PTC094E50CXXXAB
 M20 - PTC094E50CXXXAC
 M21 - PTC094E50RXXXAB

Refrigerate Tubing Assembly

REFRIGERATE TUBING ASSEMBLY



COMPRESSOR ASSEMBLY

Refrigerate 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	0201P00082	COND ASSY, 5/16, 2 ROW (M1, M2, M3, M4, M7, M8, M9, M13, M14, M15, M16, M17, M18, M21)	
51	0201P00085DG	CONDENSER ASSY (M5, M6, M10, M11, M12, M19, M20)	
61	0130P00077	THERMISTOR - INDOOR (M1, M7, M10, M16, M21)	
71	44A207A	COMPRESSOR, RECHI	
81	60130203	GROMMET - RECHI COMPRESSOR (QTY 3)	
91	0163M00079	SCREW, SHOULDER (QTY 3)	
101	60100103	TERMINAL GASKET	
111	60343516	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	0210P00123	CAPILLARY WELDMENT	
311	0130P00085	THERMISTOR - HEAT PUMP (M1, M7, M16, M21)	
321	0130P00046	THERMISTOR - INDOOR AMBIENT	
331	20295707	THERMISTOR - INDOOR COIL	

Expanded Model Nomenclature

M1 - PTC094E00HRXXAB
 M2 - PTC094E00HXXXAB
 M3 - PTC094E25AXXXAB
 M4 - PTC094E25AXXXAC
 M5 - PTC094E25CXXXAB
 M6 - PTC094E25CXXXAC
 M7 - PTC094E25RXXXAB
 M8 - PTC094E35AXXXAB
 M9 - PTC094E35AXXXAC
 M10 - PTC094E35CRXXAC
 M11 - PTC094E35CXXXAB
 M12 - PTC094E35CXXXAC
 M13 - PTC094E35DXXXAB
 M14 - PTC094E35QXXXAB
 M15 - PTC094E35QXXXAC
 M16 - PTC094E35RXXXAB
 M17 - PTC094E50AXXXAB
 M18 - PTC094E50AXXXAC
 M19 - PTC094E50CXXXAB
 M20 - PTC094E50CXXXAC
 M21 - PTC094E50RXXXAB