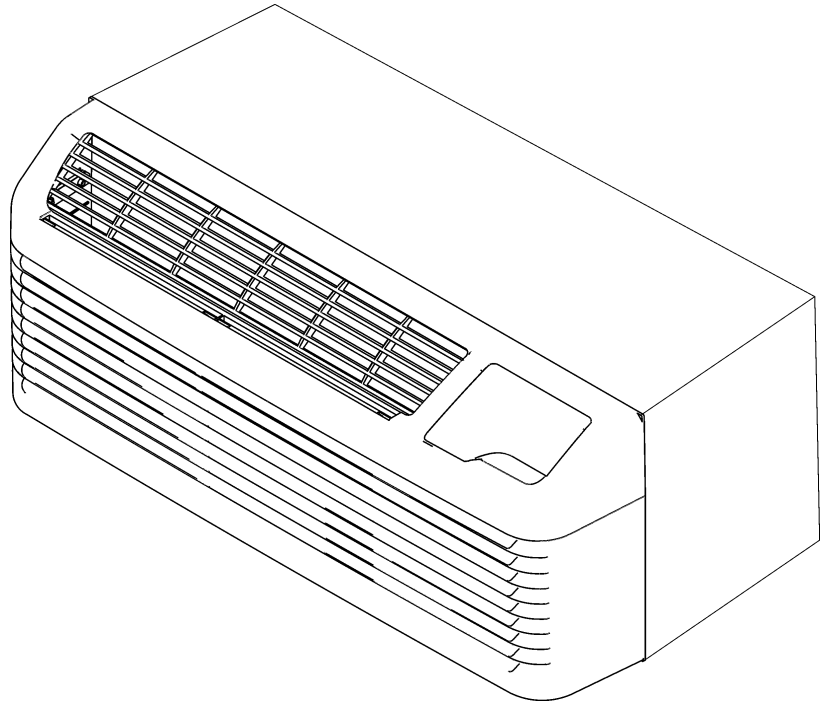


PTC093E Package Terminal Air Conditioner

PTC093E00AXXXAB
PTC093E00AXXXAC
PTC093E00HRXXAB
PTC093E00HXXXAB
PTC093E00RXXXAB
PTC093E25AXXXAB
PTC093E25AXXXAC
PTC093E25CXXXAB
PTC093E25CXXXAC
PTC093E25RXXXAB
PTC093E35AXXXAB
PTC093E35AXXXAC
PTC093E35CXXXAB
PTC093E35CXXXAC
PTC093E35DXXXAB
PTC093E35RXXXAB
PTC093E50AXXXAB
PTC093E50AXXXAC
PTC093E50CXXXAB
PTC093E50CXXXAC
PTC093E50RXXXAB
PTC093E50VXXXAB



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This manual is to be used by qualified technicians only.

This manual replaces RP-643D.

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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:

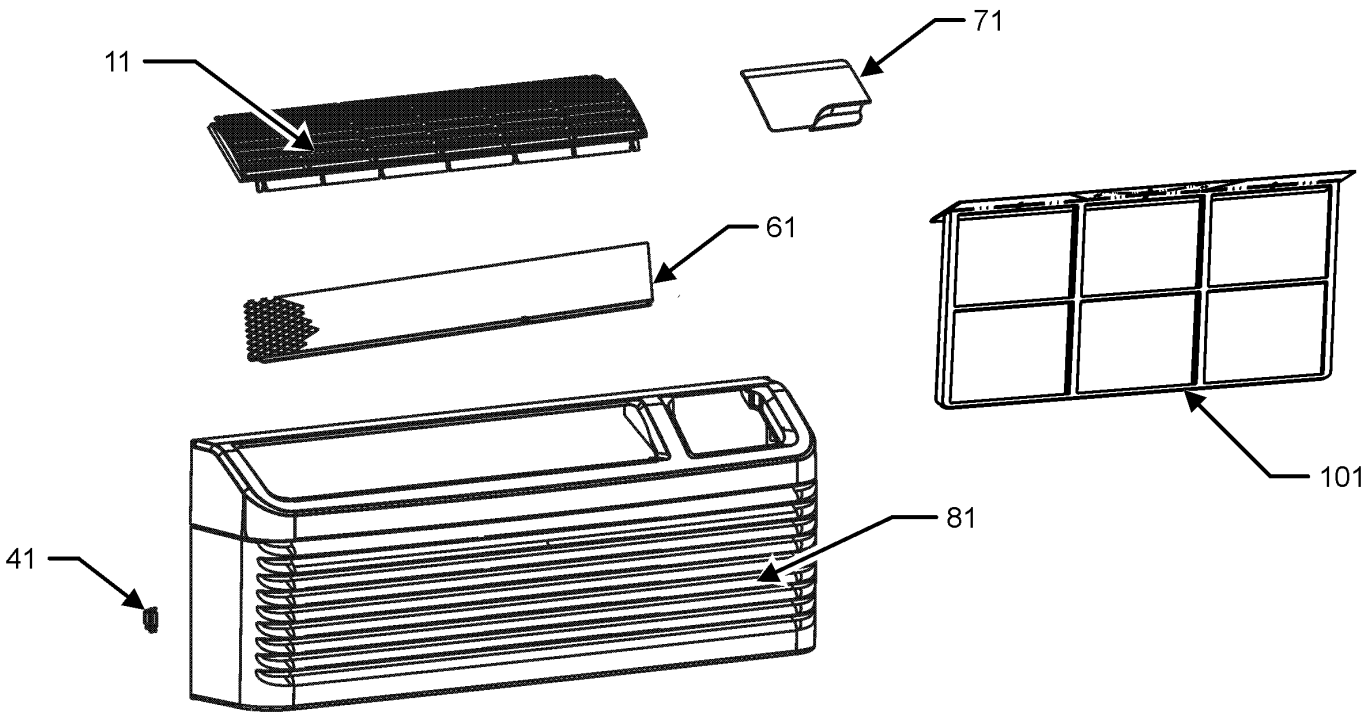
CAP020250450CS	CAPACITOR 2/25/450V/DUAL RD (M2, M7, M9, M12, M14, M18, M20)
CAP020000440RP	CAPACITOR 2/440V
CAP030250440RS	CAPACITOR 3/25/440V/DUAL RD (M1, M3, M4, M5, M6, M8, M10, M11, M13, M15, M16, M17, M19, M21, M22)
44A202A	COMPRESSOR, RECHI
RSKP0010	CONTROL BOARD M61
0130P00059	CORD, 250VAC, 15A (LCD) (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10)
0130P00058	CORD, 250VAC, 20A (LCD) (M11, M12, M13, M14, M15, M16)
0130P00061	CORD, 250VAC, 30A (LCD) (M17, M18, M19, M20, M21, M22)
0130M00132	CUT-OUT SWITCH, HIGH PRESSURE
0131P00035	FAN MOTOR, INDOOR (M1, M2, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)
0131P00036	FAN MOTOR, INDOOR (M3, M4, M17, M18, M19, M20, M21, M22)
0131P00027	FAN MOTOR, OUTDOOR (M2, M7, M9, M12, M14, M18, M20)
0131P00014	FAN MOTOR, OUTDOOR (M1, M3, M4, M5, M6, M8, M10, M11, M13, M15, M16, M17, M19, M21, M22)
0161P00055	FAN, CONDENSER
0275P00039	HEATER ASSY (M17, M18, M19, M20, M21, M22)
0275P00019	HEATER ASSY (M6, M7, M8, M9, M10)
0275P00038	HEATER ASSY (M11, M12, M13, M14, M15, M16)
0130P00133	HUMIDITY SENSOR (M15, M22)
RSKP0005	MEMBRANE KIT
0130P00137	MOTOR (M15, M22)
60343539	OVERLOAD PROTECTOR
0130M00096	RELAY (M2, M7, M9, M12, M14, M18, M20)
C8873917	RELAY (HYDRONIC) (M3, M4)
C8873932	RELAY (POWER VENT) (M15, M22)
0130P00077	THERMISTOR (M3, M5, M10, M16, M21)
0130P00134	THERMISTOR - DISCHARGE
0130P00085	THERMISTOR - HEAT PUMP (M3, M5, M10, M16, M21)
0130P00046	THERMISTOR - INDOOR AMBIENT
20295707	THERMISTOR - INDOOR COIL
0130P00098	THERMISTOR - OUTDOOR AMBIENT (M3, M5, M10, M16, M21)
0130M00341	TRANSFORMER 20VA 230V (M1, M2, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M16, M17, M18, M19, M20, M21)
0130M00329	TRANSFORMER 20VA 60HZ (M15, M22)
0130M00149	TRANSFORMER 240V/208V TO 24V, 40VA (M3, M4, M15, M22)

Expanded Model Nomenclature

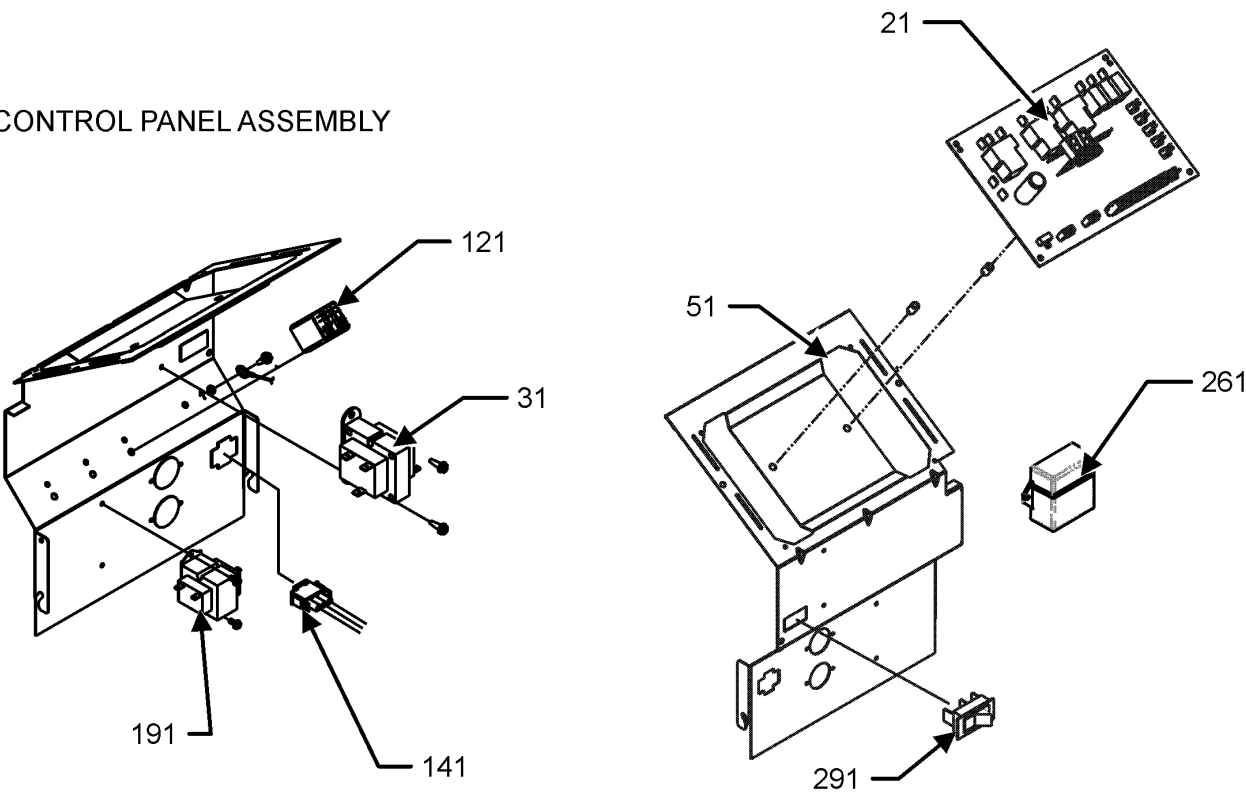
M1 - PTC093E00AXXXAB
M2 - PTC093E00AXXXAC
M3 - PTC093E00HRXXAB
M4 - PTC093E00HXXXAB
M5 - PTC093E00RXXXAB
M6 - PTC093E25AXXXAB
M7 - PTC093E25AXXXAC
M8 - PTC093E25CXXXAB
M9 - PTC093E25CXXXAC
M10 - PTC093E25RXXXAB
M11 - PTC093E35AXXXAB
M12 - PTC093E35AXXXAC
M13 - PTC093E35CXXXAB
M14 - PTC093E35CXXXAC
M15 - PTC093E35DXXXAB
M16 - PTC093E35RXXXAB
M17 - PTC093E50AXXXAB
M18 - PTC093E50AXXXAC
M19 - PTC093E50CXXXAB
M20 - PTC093E50CXXXAC
M21 - PTC093E50RXXXAB
M22 - PTC093E50VXXXAB

Front Panel and Control Panel Assembly

FRONT PANEL ASSEMBLY



CONTROL PANEL ASSEMBLY

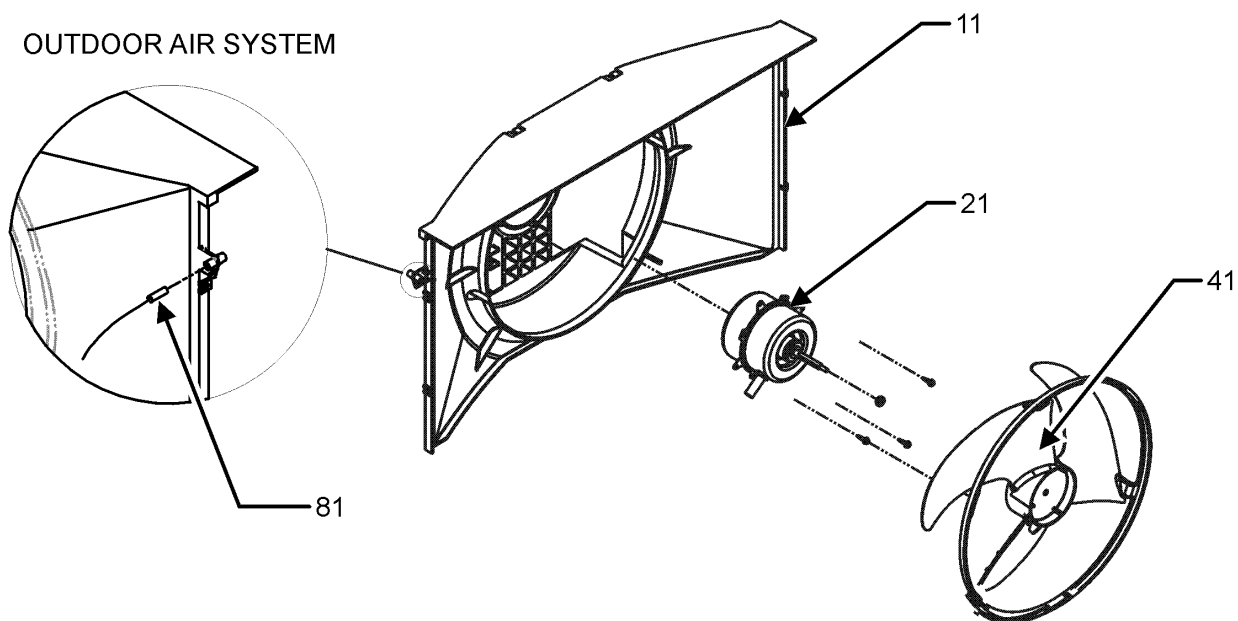


Front Panel and Control Panel Assembly

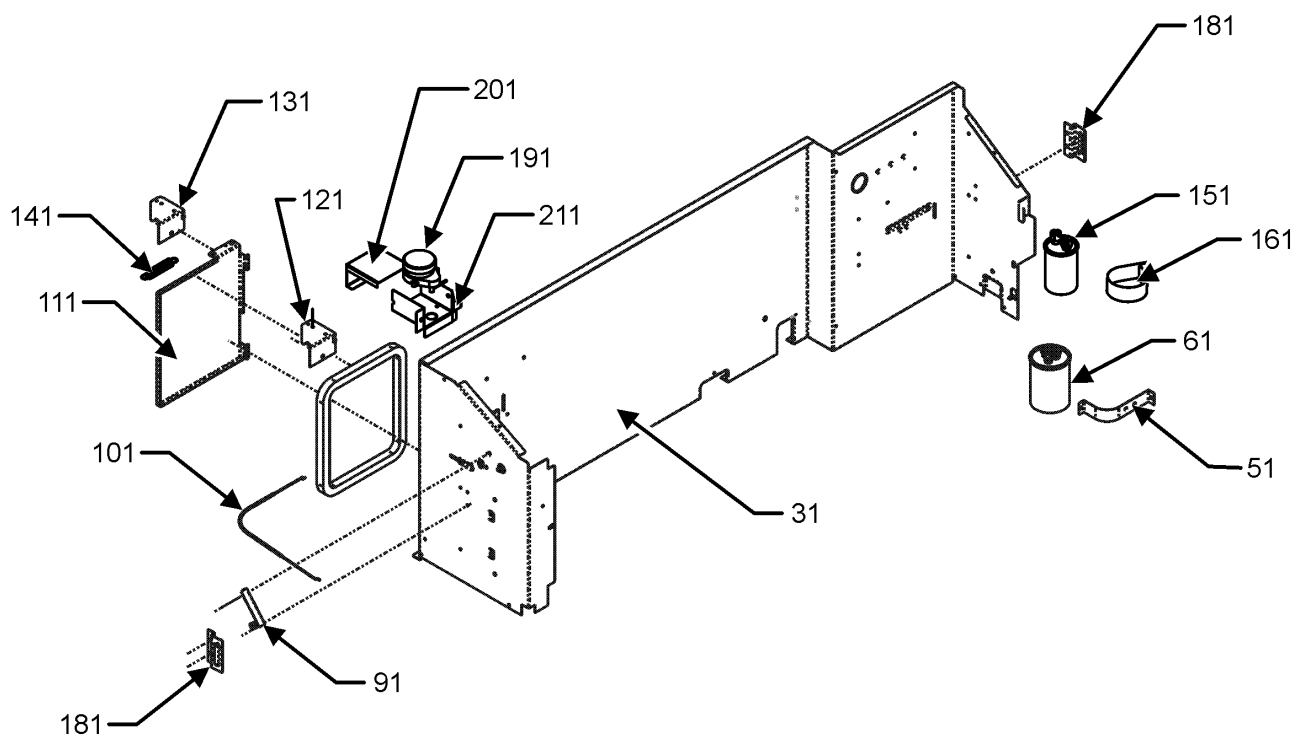
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:		Expanded Model Nomenclature	
11	0161P00048	FRONT-DICHARGE LOUVERS (M1, M2, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22)	
21	RSKP0010	CONTROL BOARD M61	
31	0130M00341	TRANSFORMER 20VA 230V (M1, M2, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M16, M17, M18, M19, M20, M21)	
31	0130M00149	TRANSFORMER 240V/208V TO 24V, 40VA (M3, M4, M15, M22)	
41	0163P00025	CLIP (M1, M2, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22)	
51	0121P00130	PANEL, CONTROL	
61	0121P00194BL	SCREEN, DISCHARGE, PAINTED (M1, M2, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22)	
71	0261P00003	DOOR ASSY -AMANA- (M1, M2, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22)	
81	0261P00011	FRONT ASSY (M1, M2, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22)	
101	0161P00035	FILTER, RACK (M1, M2, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22)	
121	0130M00096	RELAY (M2, M7, M9, M12, M14, M18, M20)	
121	C8873917	RELAY (HYDRONIC) (M3, M4)	
121	C8873932	RELAY (POWER VENT) (M15, M22)	
141	0259P00009	HARNESS, HYDR HT PTC (M3, M4)	
191	0130M00329	TRANSFORMER 20VA 60HZ (M15, M22)	
261	0130P00104	ANTENNA (M3, M5, M10, M16, M21)	
291	B1337701	PADDLE SWITCH (M15, M22)	
		M1 - PTC093E00AXXXAB M2 - PTC093E00AXXXAC M3 - PTC093E00HRXXAB M4 - PTC093E00HXXXAB M5 - PTC093E00RXXXAB M6 - PTC093E25AXXXAB M7 - PTC093E25AXXXAC M8 - PTC093E25CXXXAB M9 - PTC093E25CXXXAC M10 - PTC093E25RXXXAB M11 - PTC093E35AXXXAB M12 - PTC093E35AXXXAC M13 - PTC093E35CXXXAB M14 - PTC093E35CXXXAC M15 - PTC093E35DXXXAB M16 - PTC093E35RXXXAB M17 - PTC093E50AXXXAB M18 - PTC093E50AXXXAC M19 - PTC093E50CXXXAB M20 - PTC093E50CXXXAC M21 - PTC093E50RXXXAB M22 - PTC093E50VXXXAB	

Outdoor System and Partition Panel Assy

OUTDOOR AIR SYSTEM



PARTITION PANEL ASSEMBLY

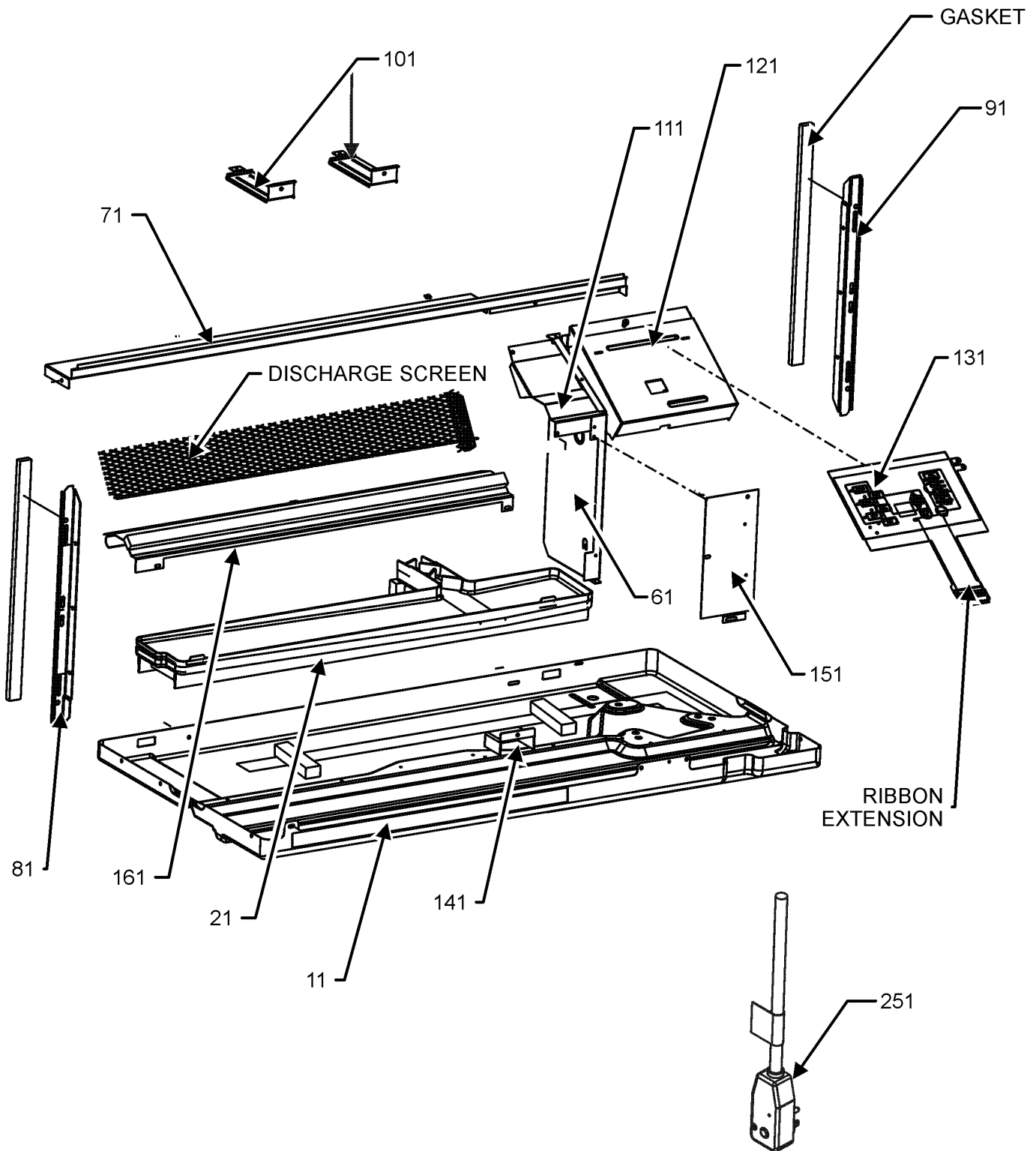


Outdoor System and Partition Panel Assy

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:		Expanded Model Nomenclature	
11	0161P00053	SHROUD, CONDENSOR	M1 - PTC093E00AXXXAB
21	0131P00014	FAN MOTOR, OUTDOOR (M1, M3, M4, M5, M6, M8, M10, M11, M13, M15, M16, M17, M19, M21, M22)	M2 - PTC093E00AXXXAC
21	0131P00027	FAN MOTOR, OUTDOOR (M2, M7, M9, M12, M14, M18, M20)	M3 - PTC093E00HRXXAB
31	0121P00108NG	PANEL-PARTITION	M4 - PTC093E00HXXXAB
41	0161P00055	FAN, CONDENSER	M5 - PTC093E00RXXXAB
51	C6300502	CAPACITOR STRAP	M6 - PTC093E25AXXXAB
61	CAP020250450CS	CAPACITOR 2/25/450V/DUAL RD (M2, M7, M9, M12, M14, M18, M20)	M7 - PTC093E25AXXXAC
61	CAP030250440RS	CAPACITOR 3/25/440V/DUAL RD (M1, M3, M4, M5, M6, M8, M10, M11, M13, M15, M16, M17, M19, M21, M22)	M8 - PTC093E25CXXXAB
81	0130P00098	THERMISTOR - OUTDOOR AMBIENT (M3, M5, M10, M16, M21)	M9 - PTC093E25CXXXAC
91	11046302	LEVER ARM (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M16, M17, M18, M19, M20, M21)	M10 - PTC093E25RXXXAB
101	0163P00019	CABLE (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M16, M17, M18, M19, M20, M21)	M11 - PTC093E35AXXXAB
111	0121P00177NG	DOOR - PNT VENT PTC	M12 - PTC093E35AXXXAC
121	0121P00079	BRACKET, VENT DOOR (M15, M22)	M13 - PTC093E35CXXXAB
131	0121P00072NG	BRACKET, VENT DOOR-C (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M16, M17, M18, M19, M20, M21)	M14 - PTC093E35CXXXAC
141	11166401	EXTENSION SPRING (M15, M22)	M15 - PTC093E35DXXXAB
151	CAP020000440RP	CAPACITOR 2/440V	M16 - PTC093E35RXXXAB
161	0163P00029	CAPACITOR CLAMP	M17 - PTC093E50AXXXAB
181	11191703	PARTITION PANEL BRACKET (M1, M2, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22)	M18 - PTC093E50AXXXAC
191	0130P00137	MOTOR (M15, M22)	M19 - PTC093E50CXXXAB
201	11166201	POWER VENT COVER BRACKET (M15, M22)	M20 - PTC093E50CXXXAC
211	11166101	POWER VENT MOTOR BRACKET (M15, M22)	M21 - PTC093E50RXXXAB
NS	0130P00133	HUMIDITY SENSOR (M15, M22)	M22 - PTC093E50VXXXAB

Base Pan Assembly

BASE PAN ASSEMBLY



Base Pan Assembly

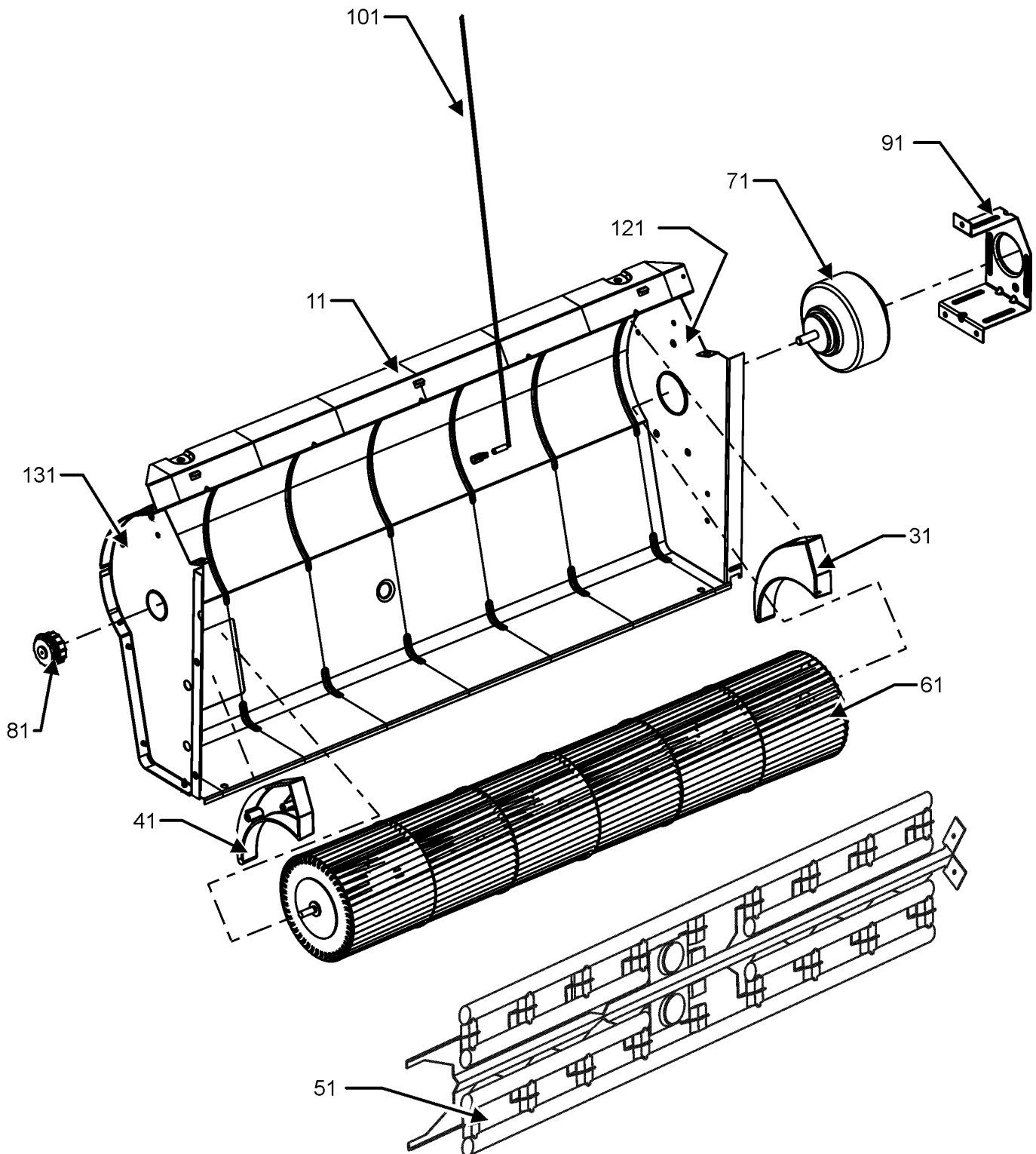
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0121P00175DG		BASE PAN (M1, M2, M3, M4, M5, M6, M7, M10, M11, M12, M15, M16, M17, M18, M21, M22)
11	0121P00175NG		BASE PAN (M8, M9, M13, M14, M19, M20)
21	0161P00044		PLASTIC-DRAIN PAN
61	20403301		MID PARTITION PANEL
71	0121P00063NG		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		MEMBRANE KIT
141	0161P00016		PLASTIC-HOOD
151	20410801		ACCESS COVER
161	0121P00061DG		CUTOFF-SCROLL DG
251	0130P00059		CORD, 250VAC, 15A (LCD) (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10)
251	0130P00058		CORD, 250VAC, 20A (LCD) (M11, M12, M13, M14, M15, M16)
251	0130P00061		CORD, 250VAC, 30A (LCD) (M17, M18, M19, M20, M21, M22)
NS	0130P00054		MEMBRANE (CONTROL)

Expanded Model Nomenclature

M1 - PTC093E00AXXXAB
 M2 - PTC093E00AXXXAC
 M3 - PTC093E00HRXXAB
 M4 - PTC093E00HXXAB
 M5 - PTC093E00RXXAB
 M6 - PTC093E25AXXXAB
 M7 - PTC093E25AXXXAC
 M8 - PTC093E25CXXAB
 M9 - PTC093E25CXXAC
 M10 - PTC093E25RXXAB
 M11 - PTC093E35AXXXAB
 M12 - PTC093E35AXXXAC
 M13 - PTC093E35CXXAB
 M14 - PTC093E35CXXAC
 M15 - PTC093E35DXXAB
 M16 - PTC093E35RXXAB
 M17 - PTC093E50AXXXAB
 M18 - PTC093E50AXXXAC
 M19 - PTC093E50CXXAB
 M20 - PTC093E50CXXAC
 M21 - PTC093E50RXXAB
 M22 - PTC093E50VXXAB

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:

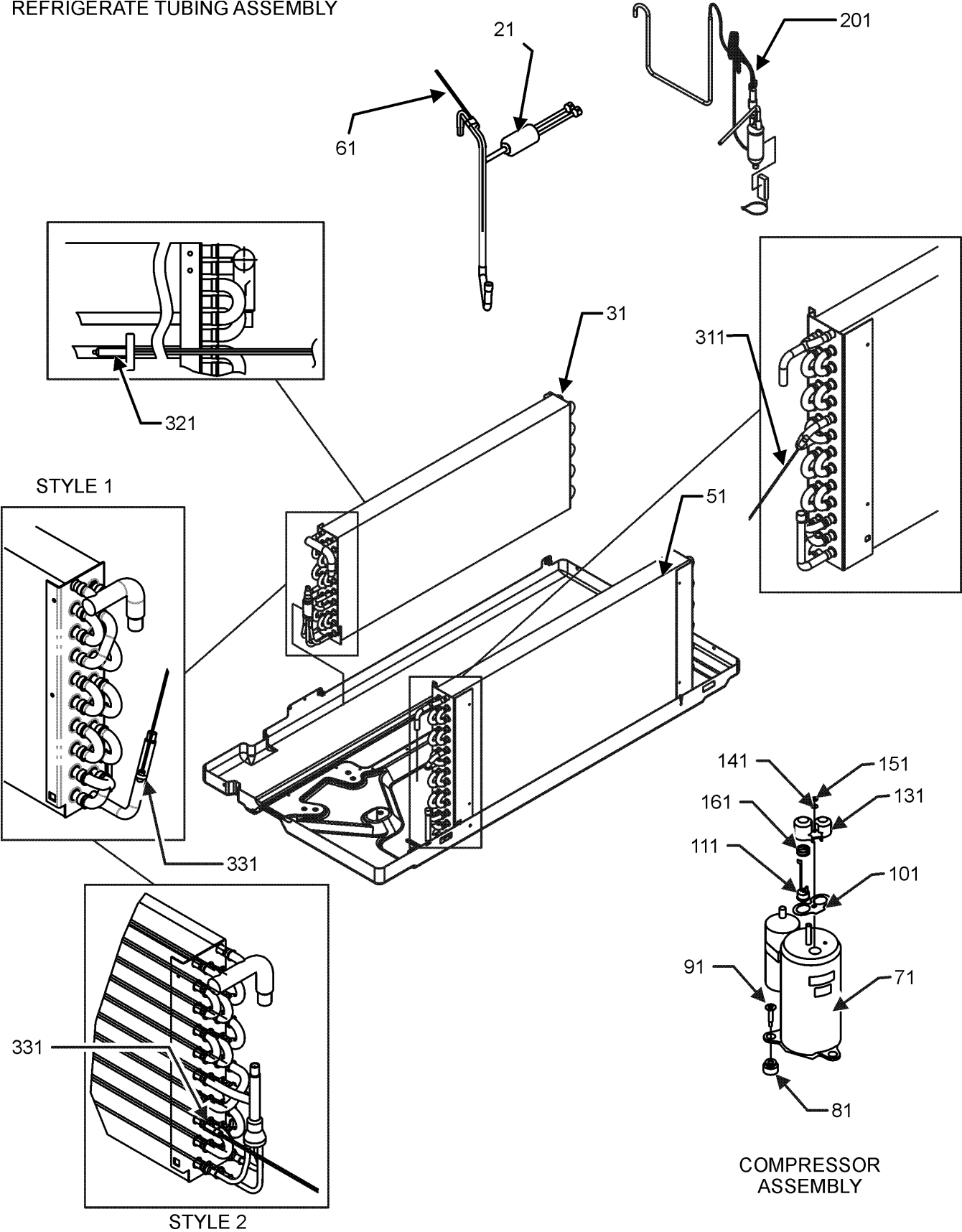
11	0121P00173DG	SCROLL
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00019	HEATER ASSY (M6, M7, M8, M9, M10)
51	0275P00038	HEATER ASSY (M11, M12, M13, M14, M15, M16)
51	0275P00039	HEATER ASSY (M17, M18, M19, M20, M21, M22)
61	0150P00004	WHEEL, BLOWER
71	0131P00035	FAN MOTOR, INDOOR (M1, M2, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)
71	0131P00036	FAN MOTOR, INDOOR (M3, M4, M17, M18, M19, M20, M21, M22)
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 - PTC093E00AXXXAB
 M2 - PTC093E00AXXXAC
 M3 - PTC093E00HRXXAB
 M4 - PTC093E00HXXAB
 M5 - PTC093E00RXXAB
 M6 - PTC093E25AXXXAB
 M7 - PTC093E25AXXXAC
 M8 - PTC093E25CXXAB
 M9 - PTC093E25CXXAC
 M10 - PTC093E25RXXAB
 M11 - PTC093E35AXXXAB
 M12 - PTC093E35AXXXAC
 M13 - PTC093E35CXXAB
 M14 - PTC093E35CXXAC
 M15 - PTC093E35DXXAB
 M16 - PTC093E35RXXAB
 M17 - PTC093E50AXXXAB
 M18 - PTC093E50AXXXAC
 M19 - PTC093E50CXXAB
 M20 - PTC093E50CXXAC
 M21 - PTC093E50RXXAB
 M22 - PTC093E50VXXAB

Refrigerate Tubing Assembly

REFRIGERATE TUBING 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, M5, M6, M7, M10, M11, M12, M15, M16, M17, M18, M21, M22)
51	0201P00085DG		CONDENSER ASSY (M8, M9, M13, M14, M19, M20)
61	0130P00077		THERMISTOR (M3, M5, M10, M16, M21)
71	44A202A		COMPRESSOR, RECHI
81	60130203		GROMMET - RECHI COMPRESSOR (QTY 3)
91	0163M00079		SCREW, SHOULDER (QTY 3)
101	60100103		TERMINAL GASKET
111	60343539		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	0210P00115		CAPILLARY WELDMENT
311	0130P00085		THERMISTOR - HEAT PUMP (M3, M5, M10, M16, M21)
321	0130P00046		THERMISTOR - INDOOR AMBIENT
331	20295707		THERMISTOR - INDOOR COIL

Expanded Model Nomenclature

M1 - PTC093E00AXXXAB
 M2 - PTC093E00AXXXAC
 M3 - PTC093E00HRXXAB
 M4 - PTC093E00HXXXAB
 M5 - PTC093E00RXXXAB
 M6 - PTC093E25AXXXAB
 M7 - PTC093E25AXXXAC
 M8 - PTC093E25CXXXAB
 M9 - PTC093E25CXXXAC
 M10 - PTC093E25RXXXAB
 M11 - PTC093E35AXXXAB
 M12 - PTC093E35AXXXAC
 M13 - PTC093E35CXXXAB
 M14 - PTC093E35CXXXAC
 M15 - PTC093E35DXXXAB
 M16 - PTC093E35RXXXAB
 M17 - PTC093E50AXXXAB
 M18 - PTC093E50AXXXAC
 M19 - PTC093E50CXXXAB
 M20 - PTC093E50CXXXAC
 M21 - PTC093E50RXXXAB
 M22 - PTC093E50VXXXAB