

PTC094G Package Terminal Air Conditioner

PTC094G00HRXXGA
PTC094G00HXXXGA
PTC094G15AXXXGA
PTC094G15QXXXGA
PTC094G25AXXXGA
PTC094G25CXXXGA
PTC094G25QXXXGA
PTC094G25RXXXGA
PTC094G35AXXXGA
PTC094G35CQXXGA
PTC094G35CRXXGA
PTC094G35CXXXGA
PTC094G35DXXXGA
PTC094G35QRXXGA
PTC094G35QXXXGA
PTC094G35RXXXGA
PTC094G50AXXXGA
PTC094G50CXXXGA
PTC094G50RXXXGA
PTC094G50VXXXGA



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This manual is to be used by qualified technicians only.

This manual replaces RP-A5306

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:

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:

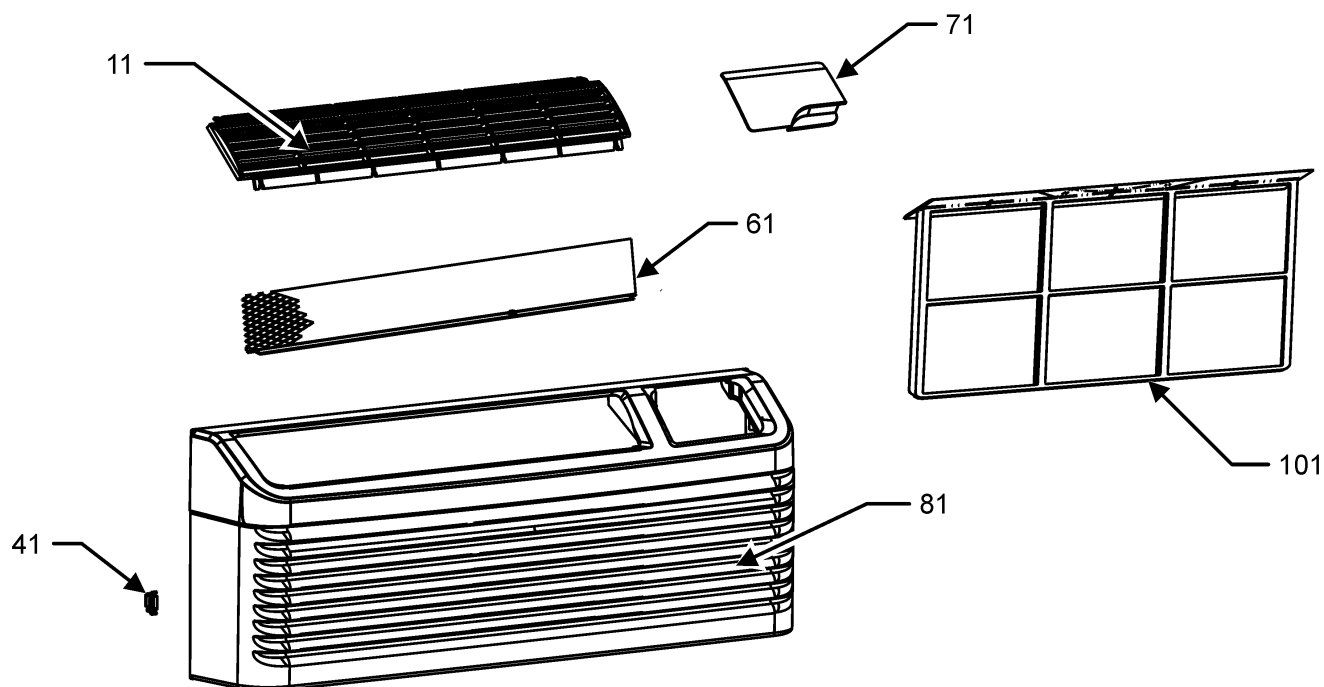
CAP020200450CS	CAP, 2/20 MFD/450V/DUAL RD
CAP015000500RP	CAPACITOR (M17, M18, M19, M20)
CAP010000500RP	CAPACITOR (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)
39B207AD&0JKZ	COMPRESSOR, RECHI
RSKP0014	CONTROL BOARD KIT
RSKP0012	CONTROL BOARD M70
0130P00128	CORD, 277V, 20A (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)
0130P00129	CORD, 277V, 30A (M17, M18, M19, M20)
0131P00029	FAN MOTOR, INDOOR (M1, M2)
0131P00056	FAN MOTOR, INDOOR (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)
0131P00057	FAN MOTOR, INDOOR (M17, M18, M19, M20)
0131P00034	FAN MOTOR, OUTDOOR
0161P00055	FAN, CONDENSER
A3410402	FUSE 15A (M1, M2, M3, M4, M5, M6, M7, M8)
A3410403	FUSE 20A (M9, M10, M11, M12, M13, M14, M15, M16)
A3410404	FUSE 25A (M17, M18, M19, M20)
0275P00040	HEATER ASSY (M9, M10, M11, M12, M13, M14, M15, M16)
0275P00026	HEATER ASSY (M3, M4)
0275P00041	HEATER ASSY (M17, M18, M19, M20)
0275P00023	HEATER ASSY (M5, M6, M7, M8)
0130P00133	HUMIDITY SENSOR (M13, M20)
PCBEP104	INDOOR DC CONTROL MOTOR (M1, M2)
RSKP0015	MEMBRANE KIT
0130P00137	MOTOR (M13, M20)
60343558	OVERLOAD PROTECTOR-RECHI
PCBCP147	PCB, CONTROL, D70 (M13, M20)
0130M00169	SWITCH, HIGH PRESS
802007090	TERM BOARD
0130P00164	THERMISTOR IAT BLACK
0130P00165	THERMISTOR ICT RED
0130P00134	THERMISTOR IDT YELLOW
0130P00077	THERMISTOR IHD ORANGE (M1, M8, M11, M14, M16, M19)
0130P00098	THERMISTOR OAT GREEN (M1, M8, M11, M13, M14, M16, M19, M20)
0130P00094	THERMISTOR OCT BLUE (M1, M8, M11, M14, M16, M19)
0130M00342	TRANSFORMER 20VA 265V (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20)
0130M00601	TRANSFORMER, 40VA, 277V TO 24V (M1, M2, M13, M20)

Expanded Model Nomenclature

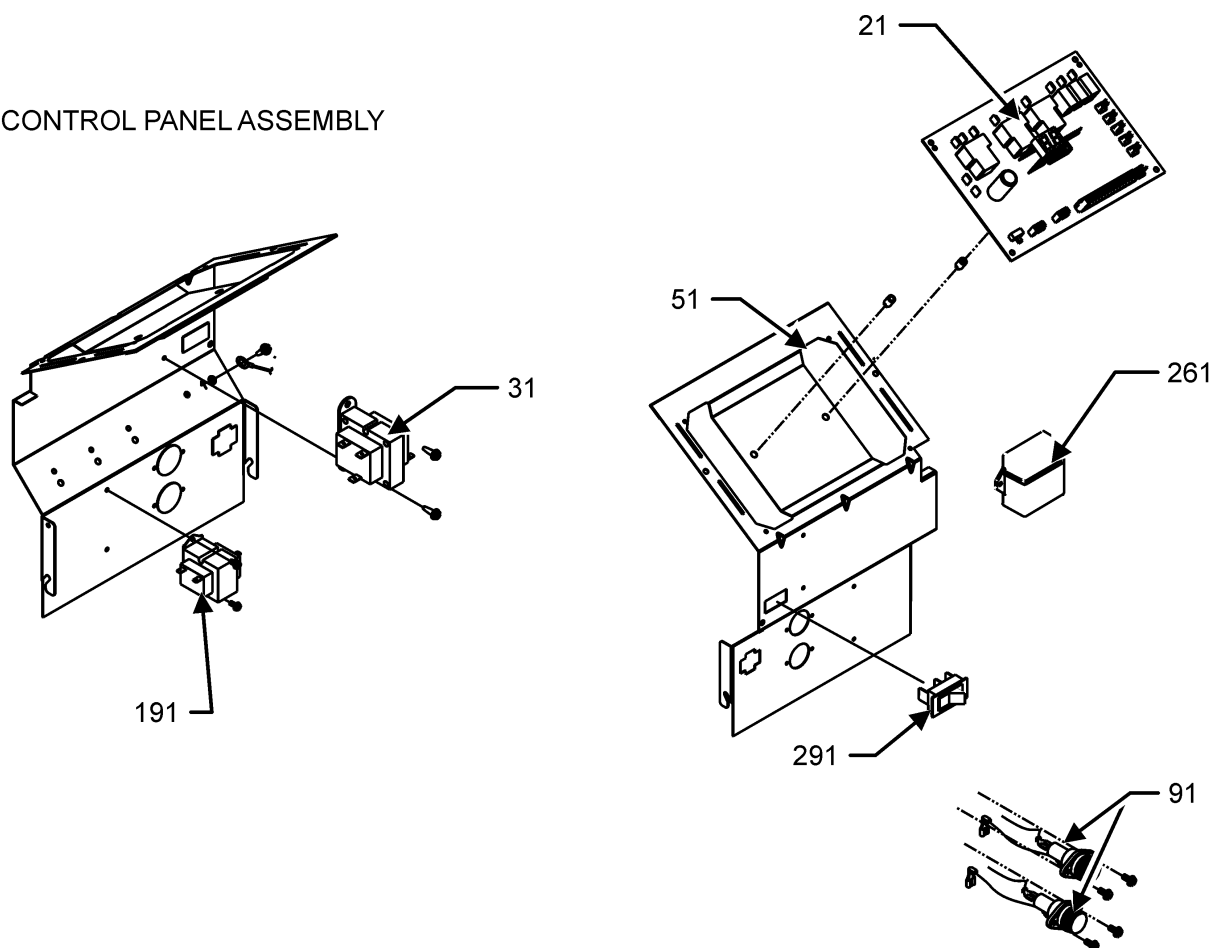
M1 - PTC094G00HRXXGA
M2 - PTC094G00HXXXGA
M3 - PTC094G15AXXXGA
M4 - PTC094G15QXXXGA
M5 - PTC094G25AXXXGA
M6 - PTC094G25CXXXGA
M7 - PTC094G25QXXXGA
M8 - PTC094G25RXXXGA
M9 - PTC094G35AXXXGA
M10 - PTC094G35CQXXGA
M11 - PTC094G35CRXXGA
M12 - PTC094G35CXXXGA
M13 - PTC094G35DXXXGA
M14 - PTC094G35QRXXGA
M15 - PTC094G35QXXXGA
M16 - PTC094G35RXXXGA
M17 - PTC094G50AXXXGA
M18 - PTC094G50CXXXGA
M19 - PTC094G50RXXXGA
M20 - PTC094G50VXXXGA

Front Panel and Control Panel Assembly

FRONT PANEL ASSEMBLY



CONTROL PANEL ASSEMBLY

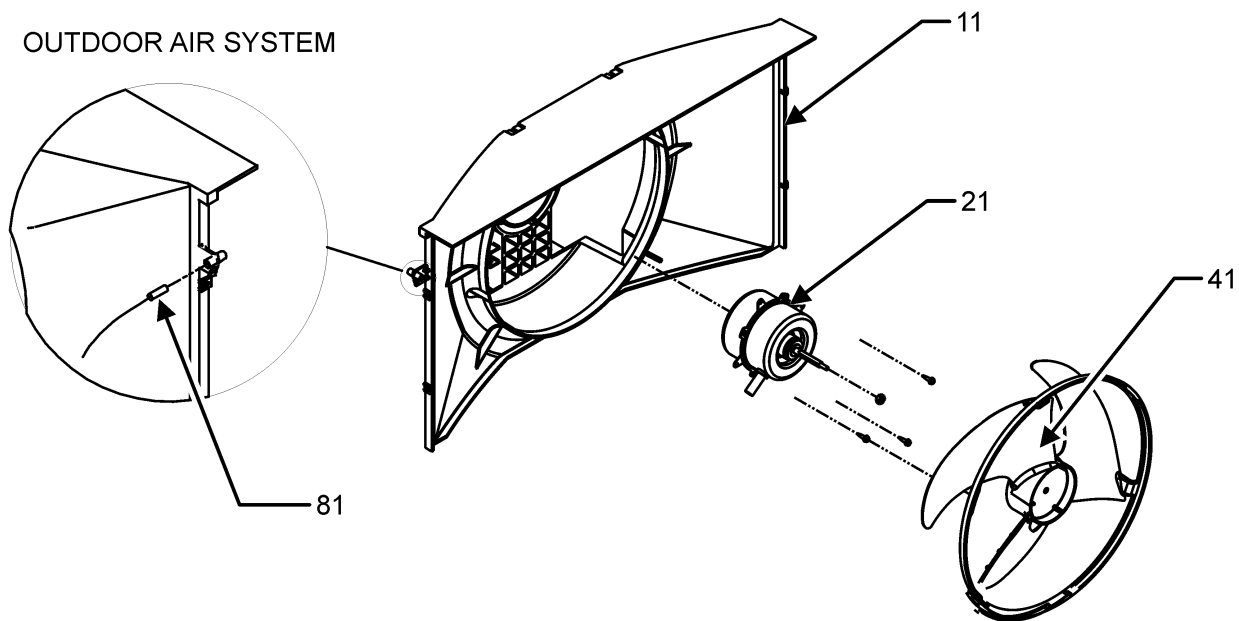


Front Panel and Control Panel Assembly

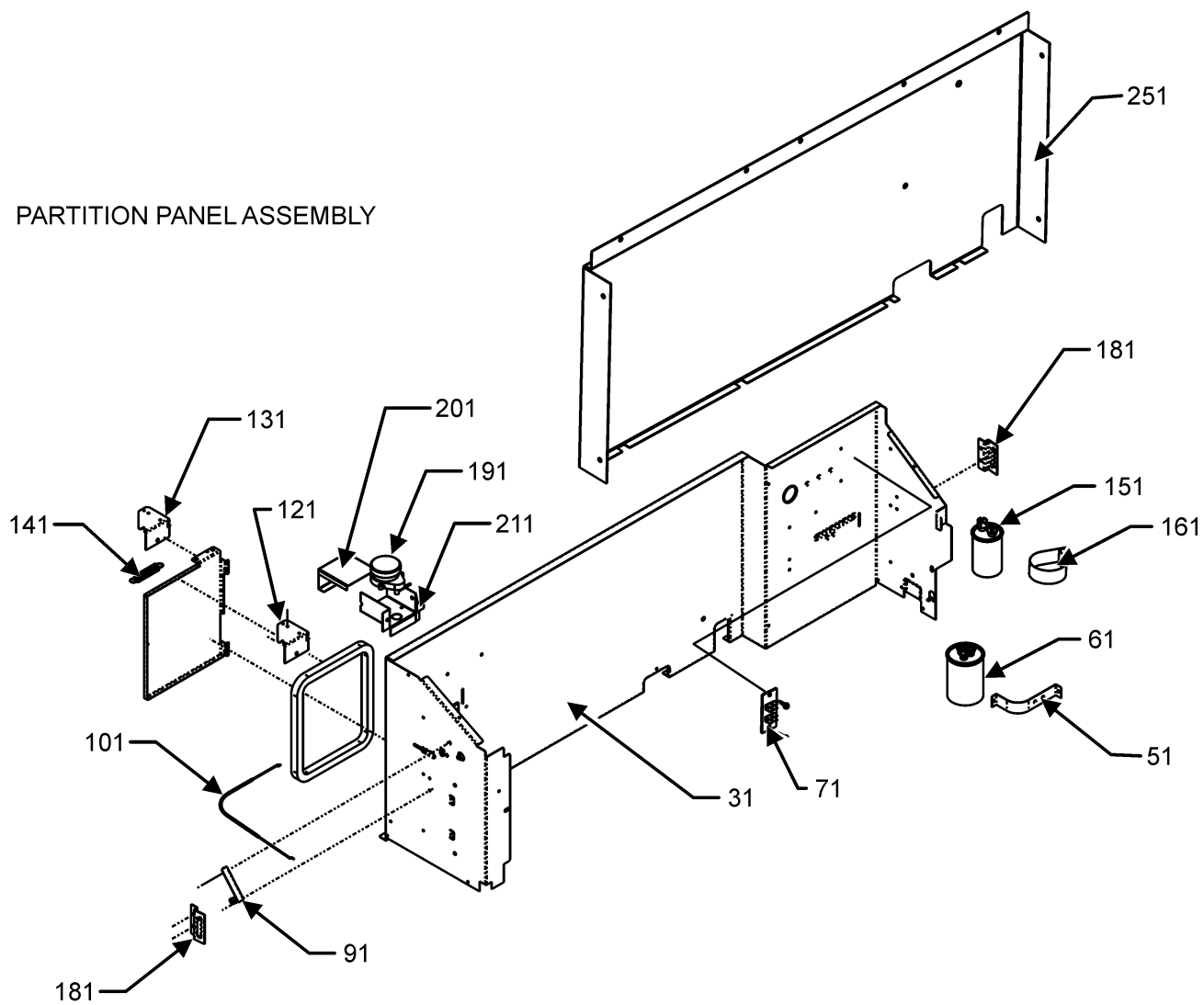
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:		Expanded Model Nomenclature	
11	0161P00048	FRONT-DICHARGE LOUVERS (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20)	
21	RSKP0012	CONTROL BOARD M70	
31	0130M00342	TRANSFORMER 20VA 265V (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20)	
41	0163P00025	CLIP (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20)	
51	0121P00130	PANEL, CONTROL	
61	0121P00194BL	SCREEN, DISCHARGE, PAINTED (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20)	
71	0261P00003	DOOR ASSY -AMANA- (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20)	
81	0261P00011	FRONT ASSY (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20)	
91	C6476001	BAYONET FUSE HOLDER (M1, M2, M3, M4, M5, M6, M7, M8)	
91	C6476002	BAYONET FUSE HOLDER (M9, M10, M11, M12, M13, M14, M15, M16)	
91	C6476003	BAYONET FUSE HOLDER (M17, M18, M19, M20)	
101	0161P00035	FILTER, RACK (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20)	
191	0130M00601	TRANSFORMER, 40VA, 277V TO 24V (M1, M2, M13, M20)	
261	0130P00104	ANTENNA (M1, M8, M11, M14, M16, M19)	
291	B1337701	PADDLE SWITCH (M13, M20)	
NS	RSKP0014	CONTROL BOARD KIT	
NS	A3410402	FUSE 15A (M1, M2, M3, M4, M5, M6, M7, M8)	
NS	A3410403	FUSE 20A (M9, M10, M11, M12, M13, M14, M15, M16)	
NS	A3410404	FUSE 25A (M17, M18, M19, M20)	
NS	PCBCP147	PCB, CONTROL, D70 (M13, M20)	
		M1 - PTC094G00HRXXGA M2 - PTC094G00HXXXGA M3 - PTC094G15A XXXGA M4 - PTC094G15QXXXGA M5 - PTC094G25A XXXGA M6 - PTC094G25CXXXGA M7 - PTC094G25QXXXGA M8 - PTC094G25RXXXGA M9 - PTC094G35A XXXGA M10 - PTC094G35CQXXGA M11 - PTC094G35CRXXGA M12 - PTC094G35CXXXGA M13 - PTC094G35DXXXGA M14 - PTC094G35QRXXGA M15 - PTC094G35QXXXGA M16 - PTC094G35RXXXGA M17 - PTC094G50A XXXGA M18 - PTC094G50CXXXGA M19 - PTC094G50RXXXGA M20 - PTC094G50V XXXGA	

Outdoor Air System and Partition Panel

OUTDOOR AIR SYSTEM



PARTITION PANEL ASSEMBLY

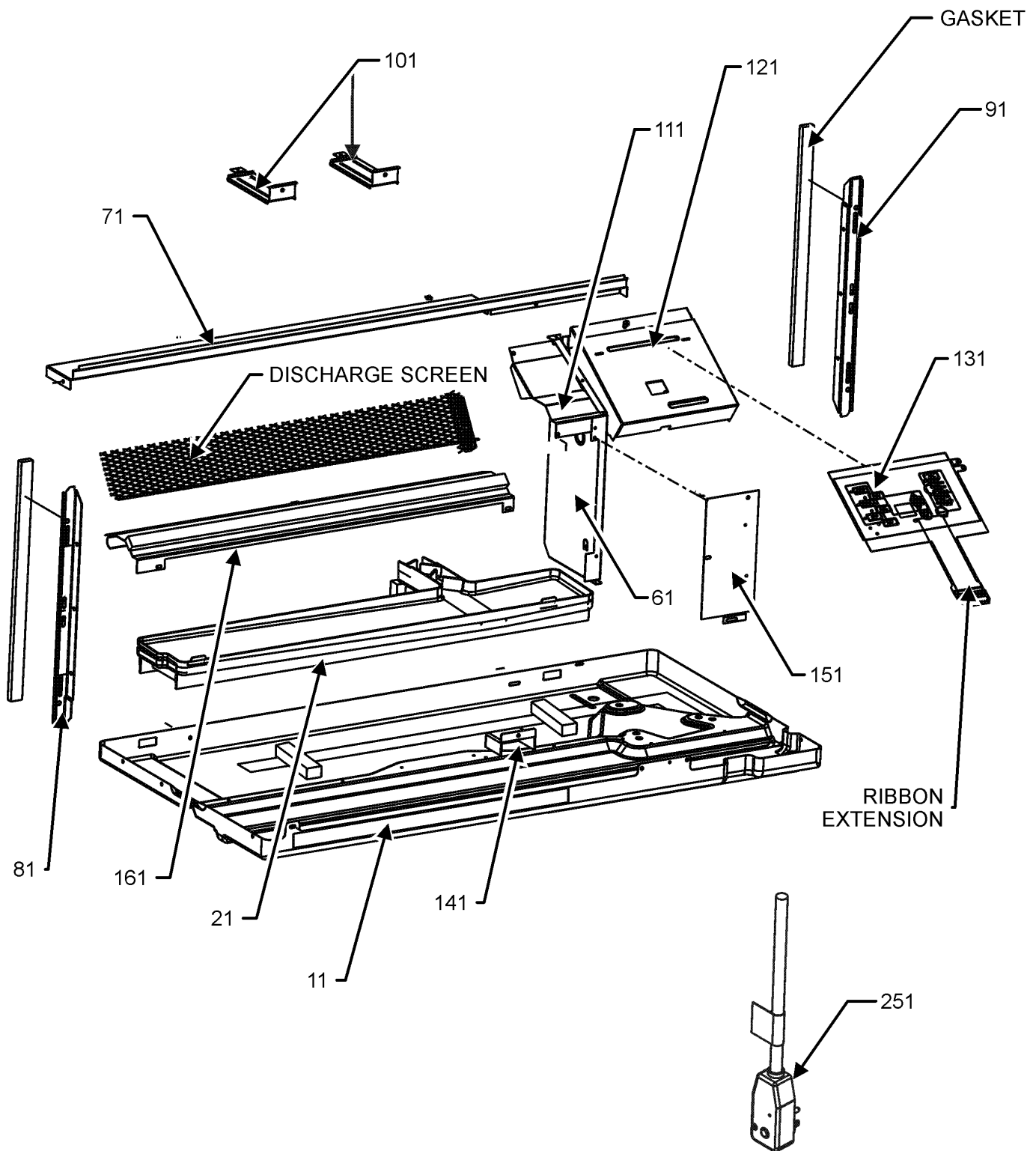


Outdoor Air System and Partition Panel

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:		Expanded Model Nomenclature	
11	0161P00110	CONDENSER SHROUD	M1 - PTC094G00HRXXGA
21	0131P00034	FAN MOTOR, OUTDOOR	M2 - PTC094G00HXXXGA
31	0121P00108NG	PANEL-PARTITION (M1, M2, M3, M5, M6, M8, M9, M11, M12, M13, M16, M17, M18, M19, M20)	M3 - PTC094G15A XXXGA
31	0121P00093NG	PANEL-PARTITION PNT (M10)	M4 - PTC094G15QXXXGA
41	0161P00055	FAN, CONDENSER	M5 - PTC094G25A XXXGA
51	C6300502	CAPACITOR STRAP	M6 - PTC094G25CXXXGA
61	CAP020200450C S	CAP, 2/20 MFD/450V/DUAL RD	M7 - PTC094G25QXXXGA
71	802007090	TERM BOARD	M8 - PTC094G25RXXXGA
81	0130P00098	THERMISTOR OAT GREEN (M1, M8, M11, M13, M14, M16, M19, M20)	M9 - PTC094G35A XXXGA
91	11046302	LEVER ARM (M1, M2, M3, M5, M6, M8, M9, M11, M12, M16, M17, M18, M19)	M10 - PTC094G35CQXXGA
101	0163P00019	CABLE (M1, M2, M3, M5, M6, M8, M9, M11, M12, M16, M17, M18, M19)	M11 - PTC094G35CRXXGA
111	0121P00177NG	DOOR-VENT PTC (M6, M11, M12, M18)	M12 - PTC094G35CXXXGA
121	0121P00079	BRACKET, VENT DOOR (M13, M20)	M13 - PTC094G35DXXXGA
131	0121P00180	BRACKET, POWER VENT (M13, M20)	M14 - PTC094G35QRXXGA
131	0121P00072NG	BRACKET, VENT DOOR (M6, M11, M12, M18)	M15 - PTC094G35QXXXGA
141	11166401	EXTENSION SPRING (M13, M20)	M16 - PTC094G35RXXXGA
151	CAP010000500R P	CAPACITOR (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)	M17 - PTC094G50A XXXGA
151	CAP015000500R P	CAPACITOR (M17, M18, M19, M20)	M18 - PTC094G50CXXXGA
161	0163P00029	CAPACITOR CLAMP (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20)	M19 - PTC094G50RXXXGA
181	11191703	PARTITION PANEL BRACKET (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20)	M20 - PTC094G50V XXXGA
191	0130P00137	MOTOR (M13, M20)	
201	11166201	POWER VENT COVER BRACKET (M13, M20)	
211	11166101	POWER VENT MOTOR BRACKET (M13, M20)	
251	0121P00091	PANEL-AUXILLIARY (M4, M7, M14, M15)	
NS	0130P00133	HUMIDITY SENSOR (M13, M20)	
NS	PCBEP104	INDOOR DC CONTROL MOTOR (M1, M2)	

Base Pan Assembly

BASE PAN ASSEMBLY



Base Pan Assembly

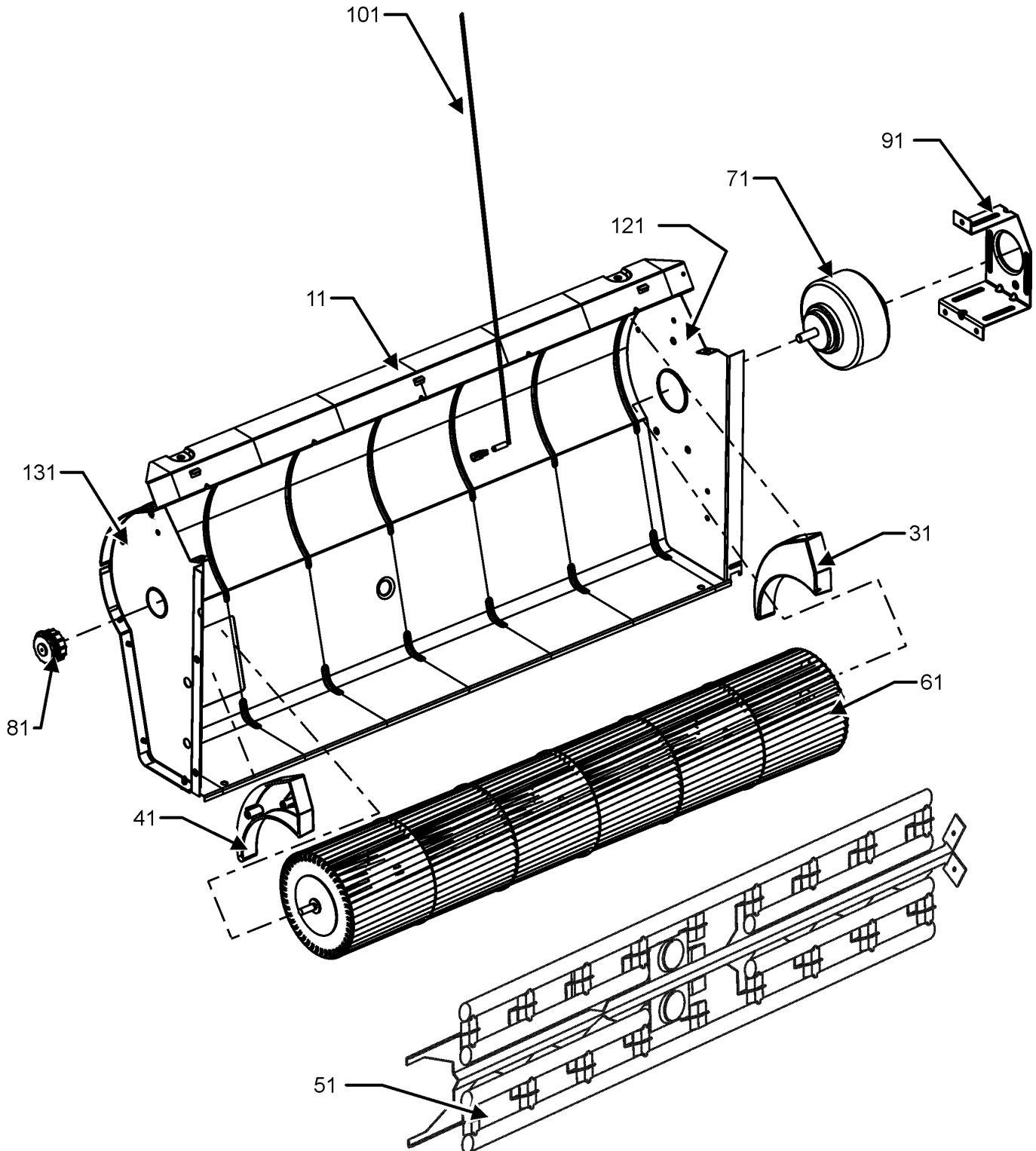
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0121P00175DG		BASE PAN (M1, M2, M3, M4, M5, M7, M8, M9, M13, M14, M15, M16, M17, M19, M20)
11	0121P00175NG		BASE PAN (M6, M10, M11, M12, M18)
21	0161P00044		PLASTIC-DRAIN PAN
61	0121P00278		PANEL-MID PTN PTC
71	0121P00063NG		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	0121P00280		COVER-CONTROL PANEL
131	RSKP0015		MEMBRANE KIT
141	0161P00016		PLASTIC-HOOD (M1, M2, M3, M5, M6, M8, M9, M11, M12, M13, M16, M17, M18, M19, M20)
151	20410801		ACCESS COVER
161	0121P00061DG		CUTOFF-SCROLL DG
251	0130P00128		CORD, 277V, 20A (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)
251	0130P00129		CORD, 277V, 30A (M17, M18, M19, M20)
NS	0121P00233		LEFT SIDE SCROLL BLOCKOFF
NS	0130P00109		MEMBRANE (CONTROL)

Expanded Model Nomenclature

M1 - PTC094G00HRXXGA
M2 - PTC094G00HXXXGA
M3 - PTC094G15AXXXGA
M4 - PTC094G15QXXXGA
M5 - PTC094G25AXXXGA
M6 - PTC094G25CXXXGA
M7 - PTC094G25QXXXGA
M8 - PTC094G25RXXXGA
M9 - PTC094G35AXXXGA
M10 - PTC094G35CQXXGA
M11 - PTC094G35CRXXGA
M12 - PTC094G35CXXXGA
M13 - PTC094G35DXXXGA
M14 - PTC094G35QRXXGA
M15 - PTC094G35QXXXGA
M16 - PTC094G35RXXXGA
M17 - PTC094G50AXXXGA
M18 - PTC094G50CXXXGA
M19 - PTC094G50RXXXGA
M20 - PTC094G50VXXXGA

Indoor Blower Assembly

INDOOR BLOWER ASSEMBLY



Indoor Blower Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

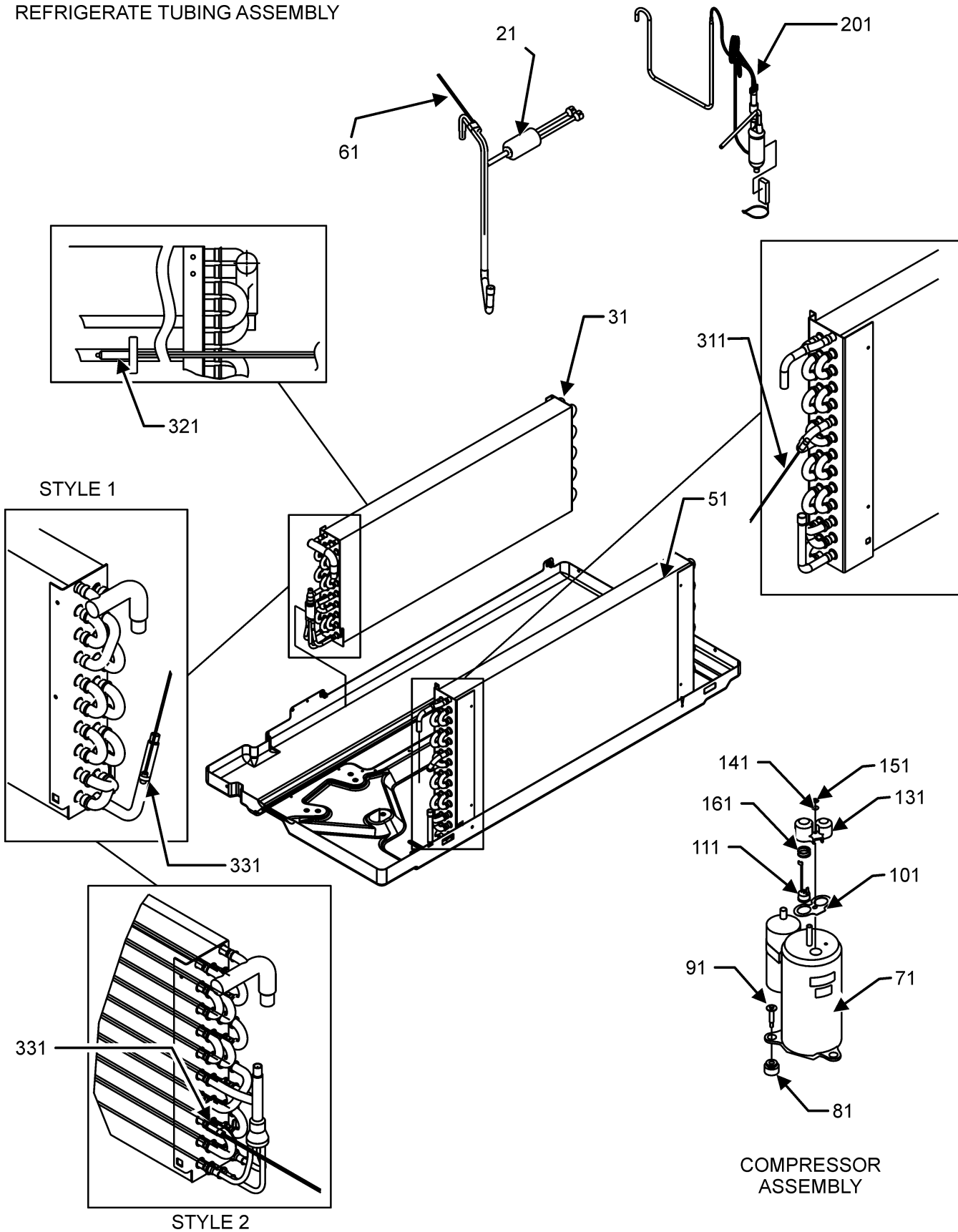
11	0121P00173DG	SCROLL
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00023	HEATER ASSY (M5, M6, M7, M8)
51	0275P00026	HEATER ASSY (M3, M4)
51	0275P00040	HEATER ASSY (M9, M10, M11, M12, M13, M14, M15, M16)
51	0275P00041	HEATER ASSY (M17, M18, M19, M20)
61	0150P00005	WHEEL, BLOWER
71	0131P00029	FAN MOTOR, INDOOR (M1, M2)
71	0131P00056	FAN MOTOR, INDOOR (M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)
71	0131P00057	FAN MOTOR, INDOOR (M17, M18, M19, M20)
81	0163P00027	BEARING
91	0121P00048	BRACKET-MOTOR MOUNT
101	0130P00134	THERMISTOR IDT YELLOW
121	0121P00059DG	ENDPLATE-RH SCROLL
131	0121P00215DG	ENDPLATE- LH SCROLL

Expanded Model Nomenclature

M1 - PTC094G00HRXXGA
 M2 - PTC094G00HXXXGA
 M3 - PTC094G15AXXXGA
 M4 - PTC094G15QXXXGA
 M5 - PTC094G25AXXXGA
 M6 - PTC094G25CXXXGA
 M7 - PTC094G25QXXXGA
 M8 - PTC094G25RXXXGA
 M9 - PTC094G35AXXXGA
 M10 - PTC094G35CQXXGA
 M11 - PTC094G35CRXXGA
 M12 - PTC094G35CXXXGA
 M13 - PTC094G35DXXXGA
 M14 - PTC094G35QRXXGA
 M15 - PTC094G35QXXXGA
 M16 - PTC094G35RXXXGA
 M17 - PTC094G50AXXXGA
 M18 - PTC094G50CXXXGA
 M19 - PTC094G50RXXXGA
 M20 - PTC094G50VXXXGA

Refrigerate Tube Assembly

REFRIGERATE TUBING ASSEMBLY



Refrigerate Tube Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
21	0130M00169		SWITCH, HIGH PRESS
31	0202P00093		7MM EVAP ASSY 2 ROW
51	0201P00137MB		5MM COND ASSY PAINTED (M6, M10, M11, M12, M18)
51	0201P00130		5MM CONDENSER COIL ASSY (M1, M2, M3, M4, M5, M7, M8, M9, M13, M14, M15, M16, M17, M19, M20)
61	0130P00077		THERMISTOR IHD ORANGE (M1, M8, M11, M14, M16, M19)
71	39B207AD&0JKZ		COMPRESSOR, RECHI
81	60130203		GROMMET - RECHI COMPRESSOR (QTY 3)
91	0163M00079		SHOULDER SCREW (QTY 3)
101	60100103		TERMINAL GASKET
111	60343558		OVERLOAD PROTECTOR-RECHI
131	60100314		TERMINAL COVER - RECHI COMP
141	60100201		WASHER - RECHI COMPRESSOR
151	60100401		TERMINAL NUT - RECHI COMP
161	60500101		OLP SPRING - RECHI COMPRESSOR
201	0210P00433		CAPILLARY WELDMENT
311	0130P00094		THERMISTOR OCT BLUE (M1, M8, M11, M14, M16, M19)
321	0130P00164		THERMISTOR IAT BLACK
331	0130P00165		THERMISTOR ICT RED

Expanded Model Nomenclature

M1 - PTC094G00HRXXGA
 M2 - PTC094G00HXXXGA
 M3 - PTC094G15AXXXGA
 M4 - PTC094G15QXXXGA
 M5 - PTC094G25AXXXGA
 M6 - PTC094G25CXXXGA
 M7 - PTC094G25QXXXGA
 M8 - PTC094G25RXXXGA
 M9 - PTC094G35AXXXGA
 M10 - PTC094G35CQXXGA
 M11 - PTC094G35CRXXGA
 M12 - PTC094G35CXXXGA
 M13 - PTC094G35DXXXGA
 M14 - PTC094G35QRXXGA
 M15 - PTC094G35QXXXGA
 M16 - PTC094G35RXXXGA
 M17 - PTC094G50AXXXGA
 M18 - PTC094G50CXXXGA
 M19 - PTC094G50RXXXGA
 M20 - PTC094G50VXXXGA