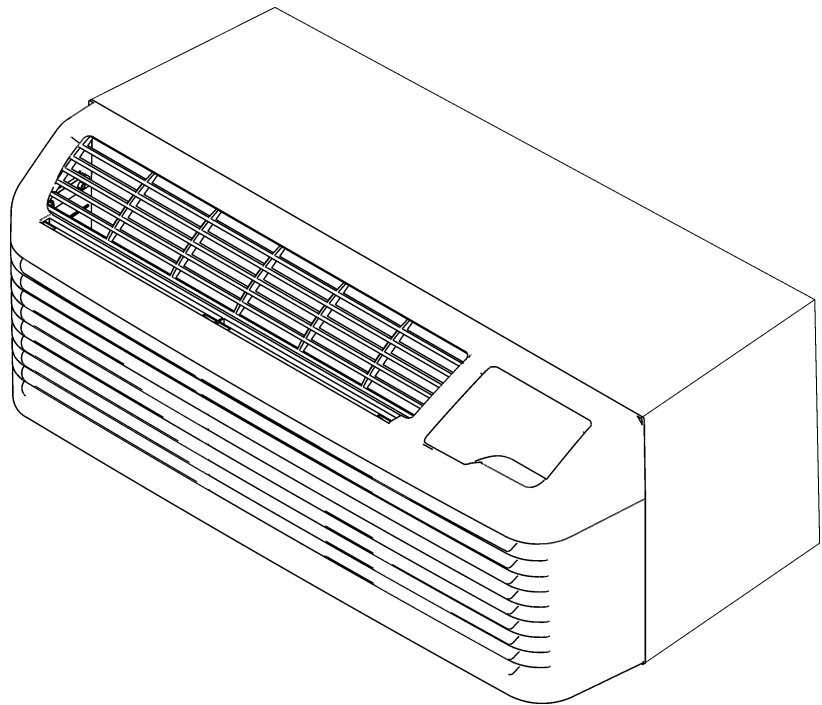




REPAIR PARTS

PTC(073,093,123,153)E Package Terminal Air Conditioner

PTC073E00AXXXAB
PTC073E25AXXXAB
PTC073E35AXXXAB
PTC093E25AXXXAB
PTC093E35AXXXAB
PTC093E35RXXXAB
PTC123E00AXXXAB
PTC123E25AXXXAB
PTC123E35AXXXAB
PTC123E35CXXXAB
PTC123E35CXXXAC
PTC123E35RXXXAB
PTC123E50CXXXAC
PTC153E00AXXXAA
PTC153E25AXXXAA
PTC153E35AXXXAA
PTC153E50AXXXAA



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This manual is to be used by qualified technicians only.

This manual replaces RP-561.

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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:

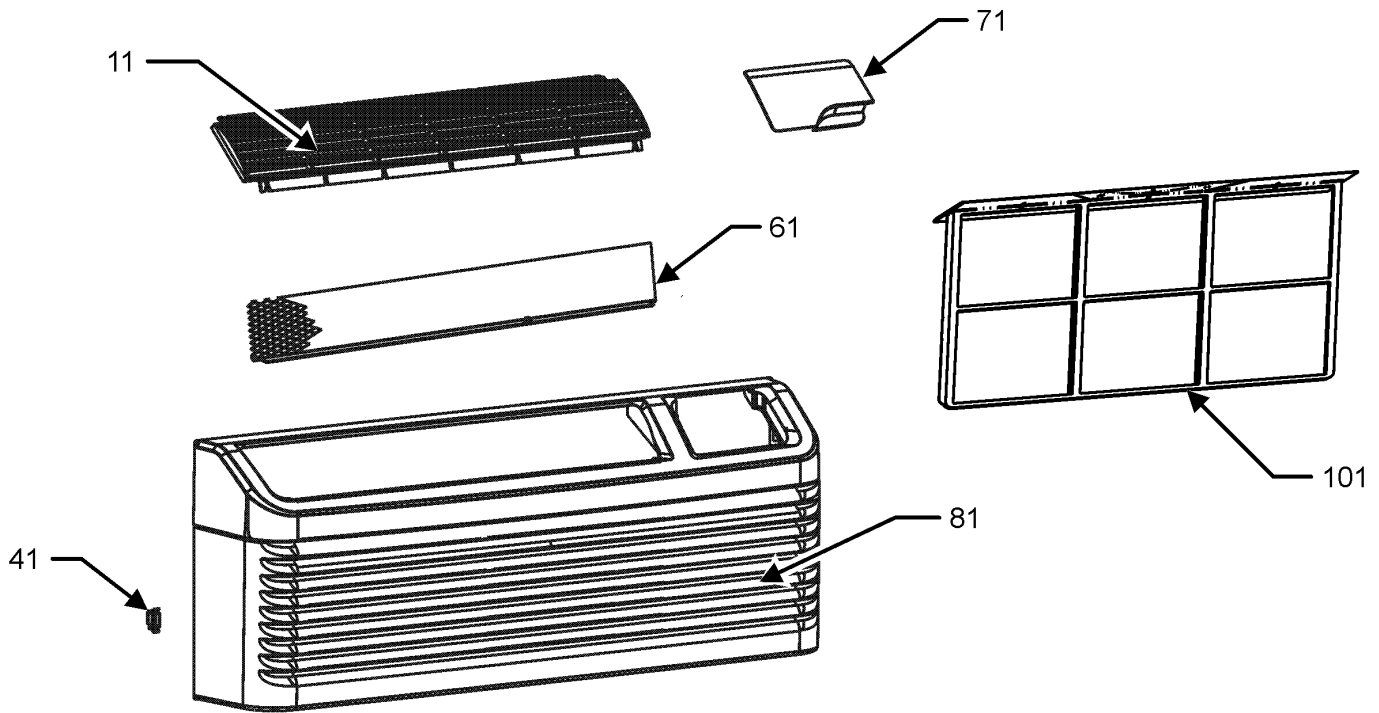
CAP030200440RS	CAP, 3/20 MFD/440V/DUAL RD (M1, M2, M3)
CAP020300450CS	CAPACITOR 2/30/450V/DUAL RD (M11, M13)
CAP020000440RP	CAPACITOR 2/440V
CAP030250440RS	CAPACITOR 3/25/440V/DUAL RD (M4, M5,
CAP030300440RS	CAPACITOR 3/30/440V/DUAL RD (M7, M8, M9, M10, M12, M14, M15, M16, M17)
39A162A	COMPRESSOR, RECHI (M1, M2, M3)
44A202A	COMPRESSOR, RECHI (M4, M5, M6)
50A362Q	COMPRESSOR, RECHI (M14, M15, M16, M17)
44A282A	COMPRESSOR, RECHI (M7, M8, M9, M10, M11, M12, M13)
RSKP0010	CONTROL BOARD M61
RSKP0005	CONTROL PANEL COVER AND MEMBRANE
0130P00059	CORD, 250VAC, 15A (LCD) (M1, M2, M4, M7, M8, M14, M15)
0130P00058	CORD, 250VAC, 20A (LCD) (M3, M5, M6, M9, M10, M11, M12, M16)
0130P00061	CORD, 250VAC, 30A (LCD) (M13, M17)
0130M00132	CUT-OUT SWITCH, HIGH PRESSURE
0131P00035	FAN MOTOR, INDOOR (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12)
0131P00036	FAN MOTOR, INDOOR (M13, M14, M15, M16, M17)
0131P00027	FAN MOTOR, OUTDOOR (M11, M13)
0131P00014	FAN MOTOR, OUTDOOR (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M12)
0131P00008	FAN MOTOR, OUTDOOR (M14, M15, M16, M17)
0161P00055	FAN, CONDENSER
0275P00039	HEATER ASSY (M13, M17)
0275P00038	HEATER ASSY (M3, M5, M6, M9, M10, M11, M12, M16)
0275P00019	HEATER ASSY (M2, M4, M8, M15)
60343539	OVERLOAD PROTECTOR (M4, M5, M6)
60343546	OVERLOAD PROTECTOR (M14, M15, M16, M17)
60343516	OVERLOAD PROTECTOR (M1, M2, M3)
60343503	OVERLOAD PROTECTOR (M7, M8, M9, M10, M11, M12, M13)
0130M00096	RELAY (M11, M13)
0130P00134	THERMISTOR - DISCHARGE
0130P00085	THERMISTOR - HEAT PUMP (M6)
0130P00077	THERMISTOR - INDOOR (M6, M12)
0130P00046	THERMISTOR - INDOOR AMBIENT (M1, M2, M3, M4, M5, M6)
0130P00047	THERMISTOR - INDOOR AMBIENT (M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)
20295707	THERMISTOR - INDOOR COIL (M1, M2, M3, M4, M5, M6)
0130P00098	THERMISTOR - OUTDOOR AMBIENT (M6, M12)
0130P00093	THERMISTOR, .375 CLIP, BLUE (M12)
0130P00033	THERMISTOR-INDOOR COIL (M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)
0130M00329	TRANSFORMER 20VA 60HZ

Expanded Model Nomenclature

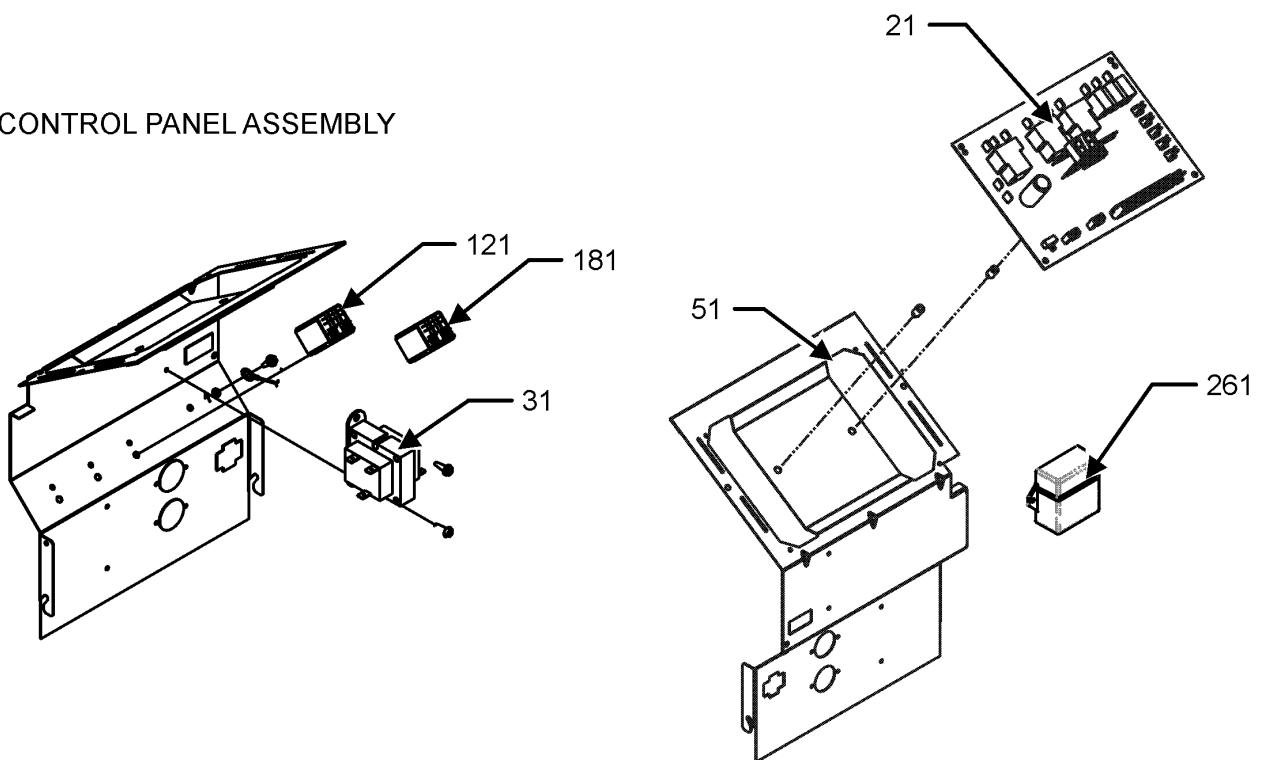
M1 - PTC073E00AXXXAB
M2 - PTC073E25AXXXAB
M3 - PTC073E35AXXXAB
M4 - PTC093E25AXXXAB
M5 - PTC093E35AXXXAB
M6 - PTC093E35RXXXAB
M7 - PTC123E00AXXXAB
M8 - PTC123E25AXXXAB
M9 - PTC123E35AXXXAB
M10 - PTC123E35CXXXAB
M11 - PTC123E35CXXXAC
M12 - PTC123E35RXXXAB
M13 - PTC123E50CXXXAC
M14 - PTC153E00AXXXAA
M15 - PTC153E25AXXXAA
M16 - PTC153E35AXXXAA
M17 - PTC153E50AXXXAA

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:
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Image 1:

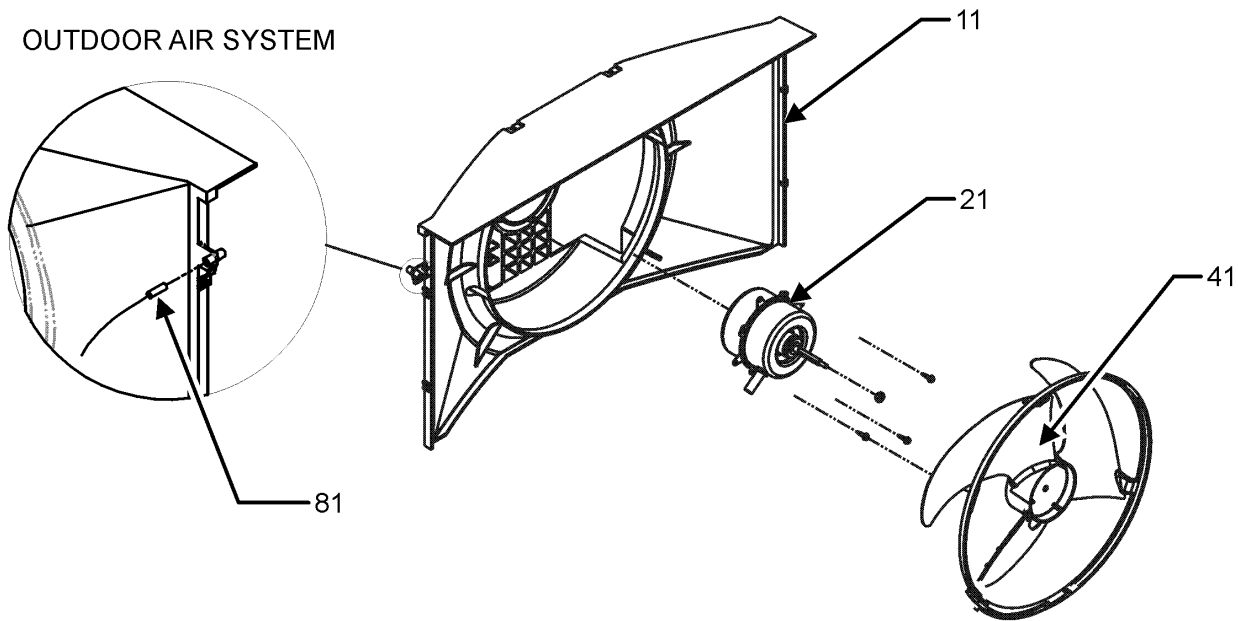
11	0161P00048	FRONT-DICHARGE LOUVERS
21	RSKP0010	CONTROL BOARD M61
31	0130M00329	TRANSFORMER 20VA 60HZ
41	0163P00025	CLIP (QTY 2)
51	0121P00130	PANEL, CONTROL
61	0121P00073	SCREEN, DISCHARGE
71	0261P00003	DOOR ASSY -AMANA-
81	0261P00011	FRONT ASSY
101	0161P00035	FILTER, RACK (QTY 2)
121	0130M00096	RELAY (M11, M13)
261	0130P00104	ANTENNA (DIGITENNA) (M6, M12)

Expanded Model Nomenclature

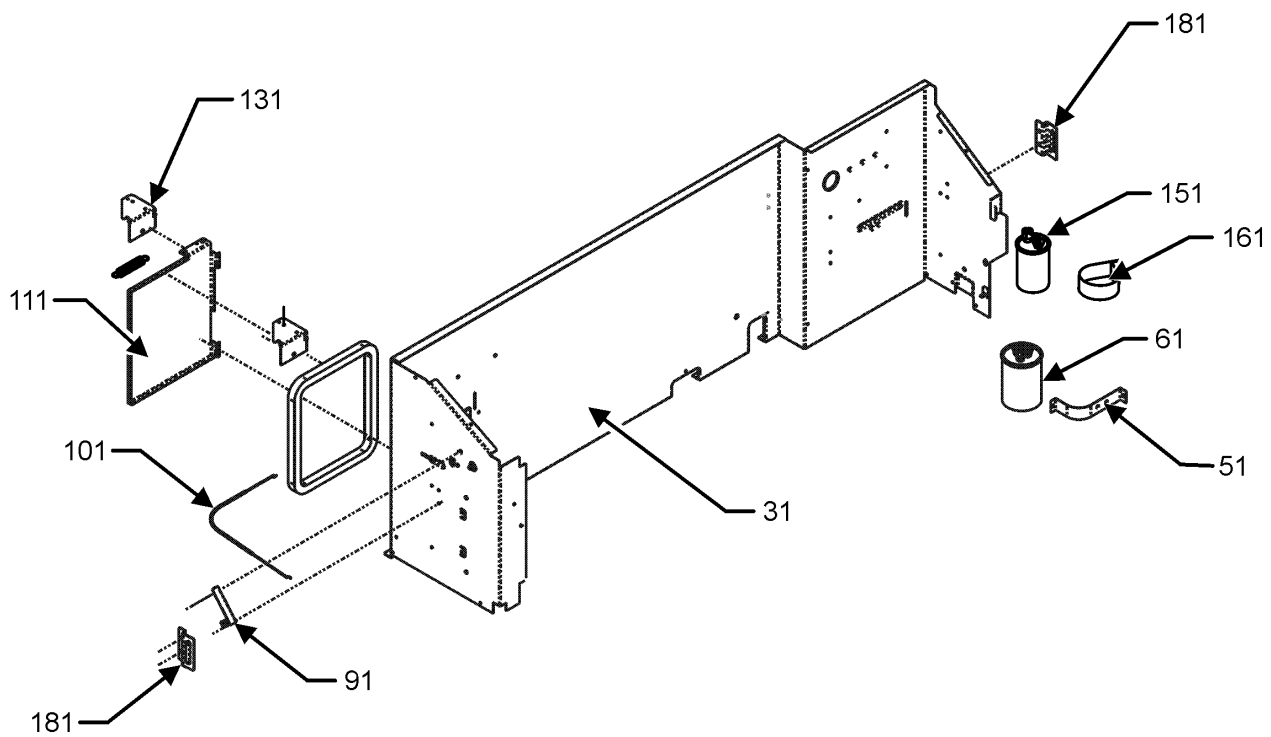
M1 - PTC073E00AXXXAB
M2 - PTC073E25AXXXAB
M3 - PTC073E35AXXXAB
M4 - PTC093E25AXXXAB
M5 - PTC093E35AXXXAB
M6 - PTC093E35RXXXAB
M7 - PTC123E00AXXXAB
M8 - PTC123E25AXXXAB
M9 - PTC123E35AXXXAB
M10 - PTC123E35CXXXAB
M11 - PTC123E35CXXXAC
M12 - PTC123E35RXXXAB
M13 - PTC123E50CXXXAC
M14 - PTC153E00AXXXAA
M15 - PTC153E25AXXXAA
M16 - PTC153E35AXXXAA
M17 - PTC153E50AXXXAA

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:
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Image 1:

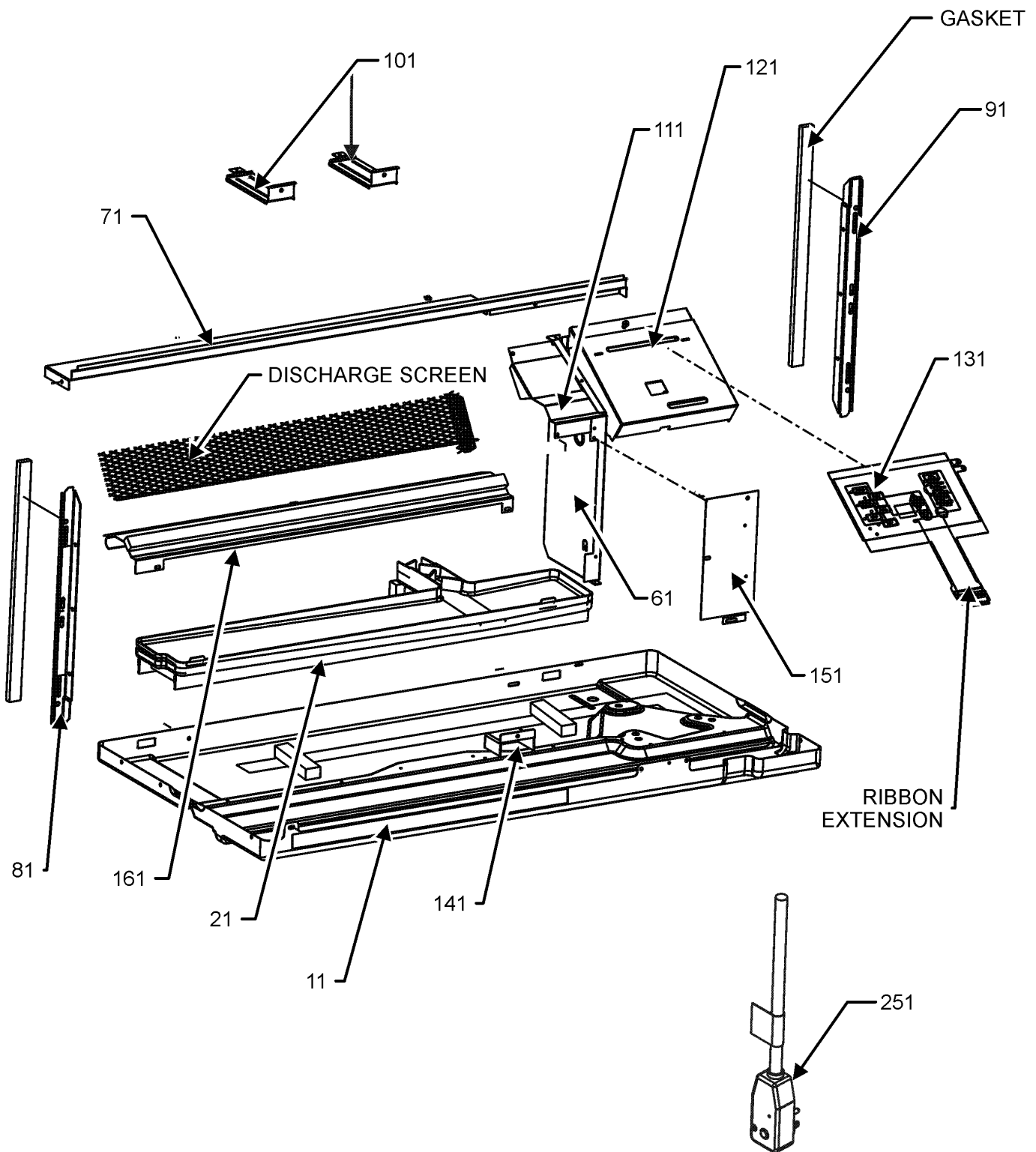
11	0161P00026	SHROUD, CONDENSER (M14, M15, M16, M17)
11	0161P00053	SHROUD, CONDENSOR (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
21	0131P00008	FAN MOTOR, OUTDOOR (M14, M15, M16, M17)
21	0131P00014	FAN MOTOR, OUTDOOR (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M12)
21	0131P00027	FAN MOTOR, OUTDOOR (M11, M13)
31	0121P00108NG	PANEL-PARTITION
41	0161P00055	FAN, CONDENSER
51	C6300502	CAPACITOR STRAP
61	CAP030200440RS	CAP, 3/20 MFD/440V/DUAL RD (M1, M2, M3)
61	CAP020300450CS	CAPACITOR 2/30/450V/DUAL RD (M11, M13)
61	CAP030250440RS	CAPACITOR 3/25/440V/DUAL RD (M4, M5, M6)
61	CAP030300440RS	CAPACITOR 3/30/440V/DUAL RD (M7, M8, M9, M10, M12, M14, M15, M16, M17)
81	0130P00098	THERMISTOR - OUTDOOR AMBIENT (M6, M12)
91	11046302	LEVER ARM
101	0163P00019	CABLE
111	0121P00177NG	DOOR - PNT VENT PTC
131	0121P00072NG	BRACKET, VENT DOOR-C
151	CAP020000440RP	CAPACITOR 2/440V
161	0163P00029	CAPACITOR CLAMP
181	11191703	PARTITION PANEL BRACKET (QTY 2)

Expanded Model Nomenclature

M1 - PTC073E00AXXXAB
 M2 - PTC073E25AXXXAB
 M3 - PTC073E35AXXXAB
 M4 - PTC093E25AXXXAB
 M5 - PTC093E35AXXXAB
 M6 - PTC093E35RXXXAB
 M7 - PTC123E00AXXXAB
 M8 - PTC123E25AXXXAB
 M9 - PTC123E35AXXXAB
 M10 - PTC123E35CXXXAB
 M11 - PTC123E35CXXXAC
 M12 - PTC123E35RXXXAB
 M13 - PTC123E50CXXXAC
 M14 - PTC153E00AXXXAA
 M15 - PTC153E25AXXXAA
 M16 - PTC153E35AXXXAA
 M17 - PTC153E50AXXXAA

Base Pan Assembly

BASE PAN ASSEMBLY



Base Pan Assembly

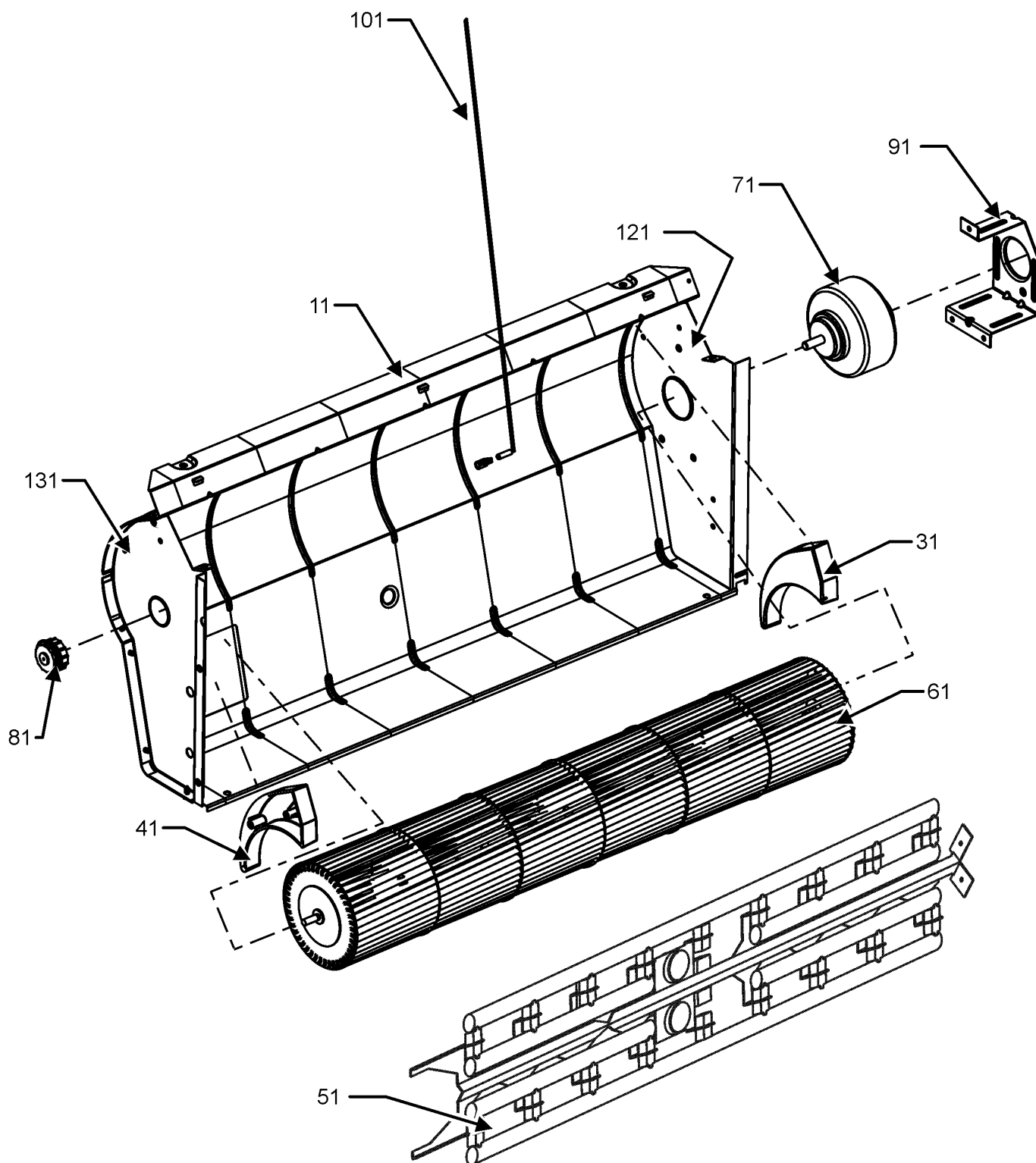
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0121P00175DG		BASE PAN (M1, M2, M3, M4, M5, M6, M7, M8, M9, M12, M14, M15, M16, M17)
11	0121P00175NG		BASE PAN (M10, M11, M13)
21	0161P00044		PLASTIC-DRAIN PAN
61	20403301		MID PARTITION PANEL
71	0121P00063NG		TOP, PARTITION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

Expanded Model Nomenclature

M1 - PTC073E00AXXXAB
 M2 - PTC073E25AXXXAB
 M3 - PTC073E35AXXXAB
 M4 - PTC093E25AXXXAB
 M5 - PTC093E35AXXXAB
 M6 - PTC093E35RXXXAB
 M7 - PTC123E00AXXXAB
 M8 - PTC123E25AXXXAB
 M9 - PTC123E35AXXXAB
 M10 - PTC123E35CXXXAB
 M11 - PTC123E35CXXXAC
 M12 - PTC123E35RXXXAB
 M13 - PTC123E50CXXXAC
 M14 - PTC153E00AXXXAA
 M15 - PTC153E25AXXXAA
 M16 - PTC153E35AXXXAA
 M17 - PTC153E50AXXXAA

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:

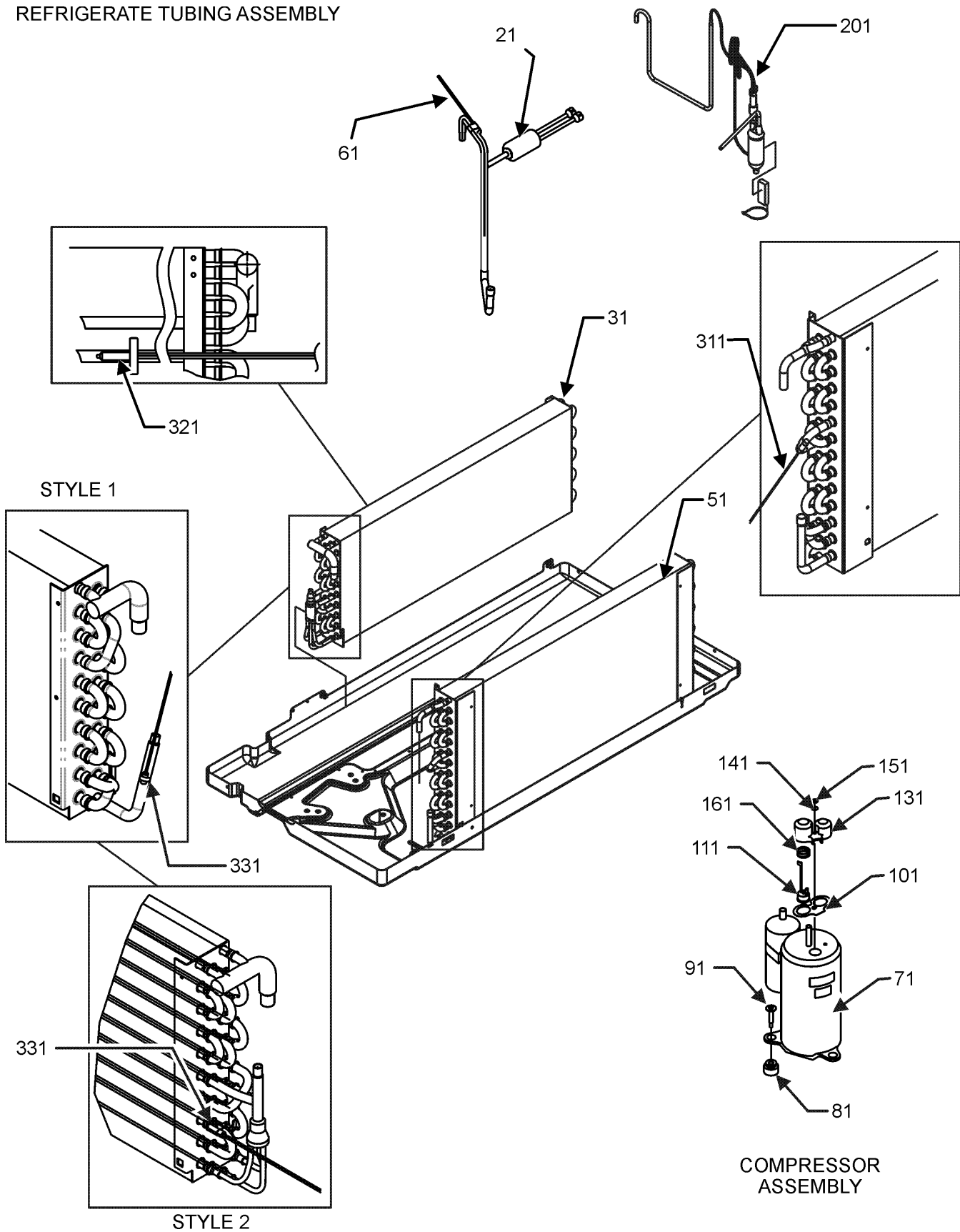
11	0121P00173DG	SCROLL
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00019	HEATER ASSY (M2, M4, M8, M15)
51	0275P00038	HEATER ASSY (M3, M5, M6, M9, M10, M11, M12, M16)
51	0275P00039	HEATER ASSY (M13, M17)
61	0150P00004	WHEEL, BLOWER
71	0131P00035	FAN MOTOR, INDOOR (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12)
71	0131P00036	FAN MOTOR, INDOOR (M13, M14, M15, M16, M17)
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 - PTC073E00AXXXAB
 M2 - PTC073E25AXXXAB
 M3 - PTC073E35AXXXAB
 M4 - PTC093E25AXXXAB
 M5 - PTC093E35AXXXAB
 M6 - PTC093E35RXXXAB
 M7 - PTC123E00AXXXAB
 M8 - PTC123E25AXXXAB
 M9 - PTC123E35AXXXAB
 M10 - PTC123E35CXXXAB
 M11 - PTC123E35CXXXAC
 M12 - PTC123E35RXXXAB
 M13 - PTC123E50CXXXAC
 M14 - PTC153E00AXXXAA
 M15 - PTC153E25AXXXAA
 M16 - PTC153E35AXXXAA
 M17 - PTC153E50AXXXAA

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 (M1, M2, M3, M4, M5, M6)
31	0202P00065	EVAP ASSY, 5/16, 3 ROW (M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)
51	0201P00082	COND ASSY, 5/16, 2 ROW (M1, M2, M3, M4, M5, M6)
51	0201P00079	CONDENSER ASSY (M7, M8, M9, M12, M14, M15, M16, M17)
51	0201P00083DG	CONDENSER ASSY PNT (M10, M11, M13)
61	0130P00077	THERMISTOR - INDOOR (M6, M12)
71	39A162A	COMPRESSOR, RECHI (M1, M2, M3)
71	44A202A	COMPRESSOR, RECHI (M4, M5, M6)
71	44A282A	COMPRESSOR, RECHI (M7, M8, M9, M10, M11, M12, M13)
71	50A362Q	COMPRESSOR, RECHI (M14, M15, M16, M17)
81	60130203	GROMMET - RECHI COMPRESSOR (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
81	60140209	GROMMET - RECHI COMPRESSOR (M14, M15, M16, M17)
81	60110202	GROMMET - RECHI COMRESSOR (M1, M2, M3)
91	0163M00079	SCREW, SHOULDER (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
91	M0253610	SHOULDER SCREW (M14, M15, M16, M17)
91	M0253661	SHOULDER SCREW (M1, M2, M3)
101	60100103	TERMINAL GASKET
111	60343503	OVERLOAD PROTECTOR (M7, M8, M9, M10, M11, M12, M13)
111	60343516	OVERLOAD PROTECTOR (M1, M2, M3)
111	60343539	OVERLOAD PROTECTOR (M4, M5, M6)
111	60343546	OVERLOAD PROTECTOR (M14, M15, M16, M17)
131	60100314	TERMINAL COVER - RECHI COMP
141	60100201	WASHER - RECHI COMPRESSOR
151	60100401	TERMINAL NUT - RECHI COMP
161	60500101	OLP SPRING - RECHI COMPRESSOR
201	0210P00179	CAPILLARY WELD (M1, M2, M3)
201	0210P00112	CAPILLARY WELDMENT (M7, M8, M9, M10, M11, M12, M13)
201	0210P00115	CAPILLARY WELDMENT (M4, M5, M6)
201	0210P00153	CAPILLARY WELDMENT (M14, M15, M16, M17)
311	0130P00085	THERMISTOR - HEAT PUMP (M6)
311	0130P00093	THERMISTOR, .375 CLIP, BLUE (M12)
321	0130P00046	THERMISTOR - INDOOR AMBIENT (M1, M2, M3, M4, M5, M6)
321	0130P00047	THERMISTOR - INDOOR AMBIENT (M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)
331	20295707	THERMISTOR - INDOOR COIL (M1, M2, M3, M4, M5, M6)
331	0130P00033	THERMISTOR-INDOOR COIL (M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)

Expanded Model Nomenclature

M1 - PTC073E00AXXXAB
M2 - PTC073E25AXXXAB
M3 - PTC073E35AXXXAB
M4 - PTC093E25AXXXAB
M5 - PTC093E35AXXXAB
M6 - PTC093E35RXXXAB
M7 - PTC123E00AXXXAB
M8 - PTC123E25AXXXAB
M9 - PTC123E35AXXXAB
M10 - PTC123E35CXXXAB
M11 - PTC123E35CXXXAC
M12 - PTC123E35RXXXAB
M13 - PTC123E50CXXXAC
M14 - PTC153E00AXXXAA
M15 - PTC153E25AXXXAA
M16 - PTC153E35AXXXAA
M17 - PTC153E50AXXXAA