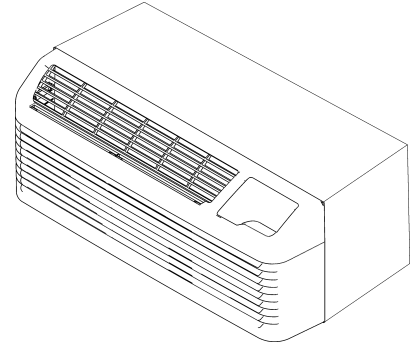




REPAIR PARTS

PTC073E Package Terminal Air Conditioner

PTC073E00AXXXAB
PTC073E00AXXXAC
PTC073E00DHXXAB
PTC073E00HRXXAB
PTC073E00HXXXAB
PTC073E15CXXXAC
PTC073E25AXXXAB
PTC073E25AXXXAC
PTC073E25CXXXAB
PTC073E25CXXXAC
PTC073E25DXXXAB
PTC073E25RXXXAB
PTC073E35AXXXAB
PTC073E35AXXXAC
PTC073E35CXXXAB
PTC073E35CXXXAC
PTC073E35RXXXAB



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This manual is to be used by qualified technicians only.

This manual replaces RP-624C.

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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:

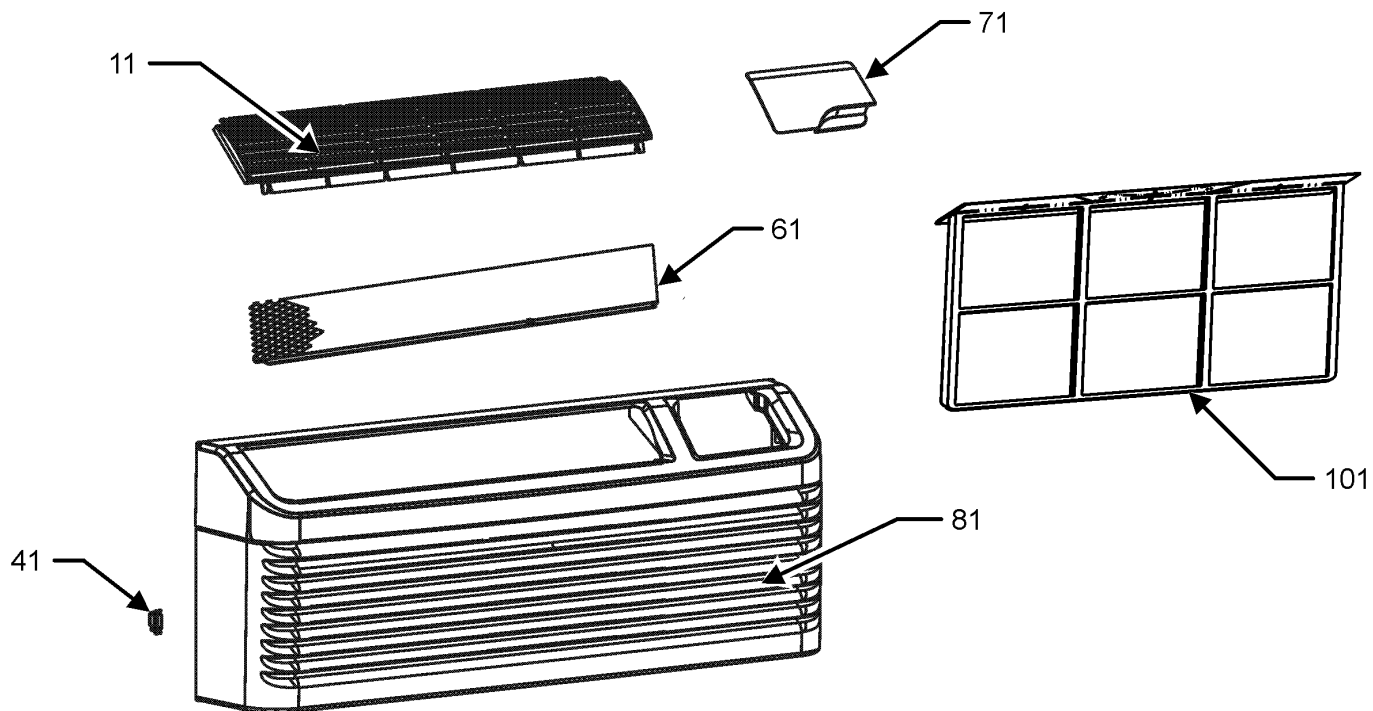
CAP030200440RS	CAP, 3/20 MFD/440V/DUAL RD (M1, M3, M4, M5, M7, M9, M11, M12, M13, M15, M17)
CAP020200450CS	CAPACITOR 2/20/450V/DUAL RD (M2, M6, M8, M10, M14, M16)
CAP020000440RP	CAPACITOR 2/440V
39A162AD&9DKZ	COMPRESSOR, RECHI
RSKP0010	CONTROL BOARD M61
0130P00059	CORD, 250VAC, 15A (LCD) (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12)
0130P00058	CORD, 250VAC, 20A (LCD) (M13, M14, M15, M16, M17)
0130M00132	CUT-OUT SWITCH, HIGH PRESSURE
0131P00054	FAN MOTOR, INDOOR
0131P00027	FAN MOTOR, OUTDOOR (M2, M6, M8, M10, M14, M16)
0131P00014	FAN MOTOR, OUTDOOR (M1, M3, M4, M5, M7, M9, M11, M12, M13, M15, M17)
0161P00055	FAN, CONDENSER
0275P00019	HEATER ASSY (M7, M8, M9, M10, M11, M12)
0275P00038	HEATER ASSY (M13, M14, M15, M16, M17)
0275P00022	HEATER ASSY (M6)
RSKP0005	MEMBRANE KIT
0130P00137	MOTOR (M3, M11)
60343516	OVERLOAD PROTECTOR
C8873932	RELAY (M3, M11)
0130M00096	RELAY (M2, M6, M8, M10, M14, M16)
C8873917	RELAY MIDTEX 187 (M3, M4, M5)
0130P00077	THERMISTOR (M4, M12, M17)
0130P00134	THERMISTOR - DISCHARGE
0130P00085	THERMISTOR - HEAT PUMP (M4, M12, M17)
0130P00046	THERMISTOR - INDOOR AMBIENT
20295707	THERMISTOR - INDOOR COIL
0130P00098	THERMISTOR - OUTDOOR AMBIENT (M4, M12, M17)
0130M00599	TRANS, 40VA, 240V/208V TO 24V (M3, M4, M5, M11)
0130M00341	TRANSFORMER 20VA 230V (M1, M2, M6, M7, M8, M9, M10, M12, M13, M14, M15, M16, M17)
0130M00329	TRANSFORMER 20VA 60HZ (M11)

Expanded Model Nomenclature

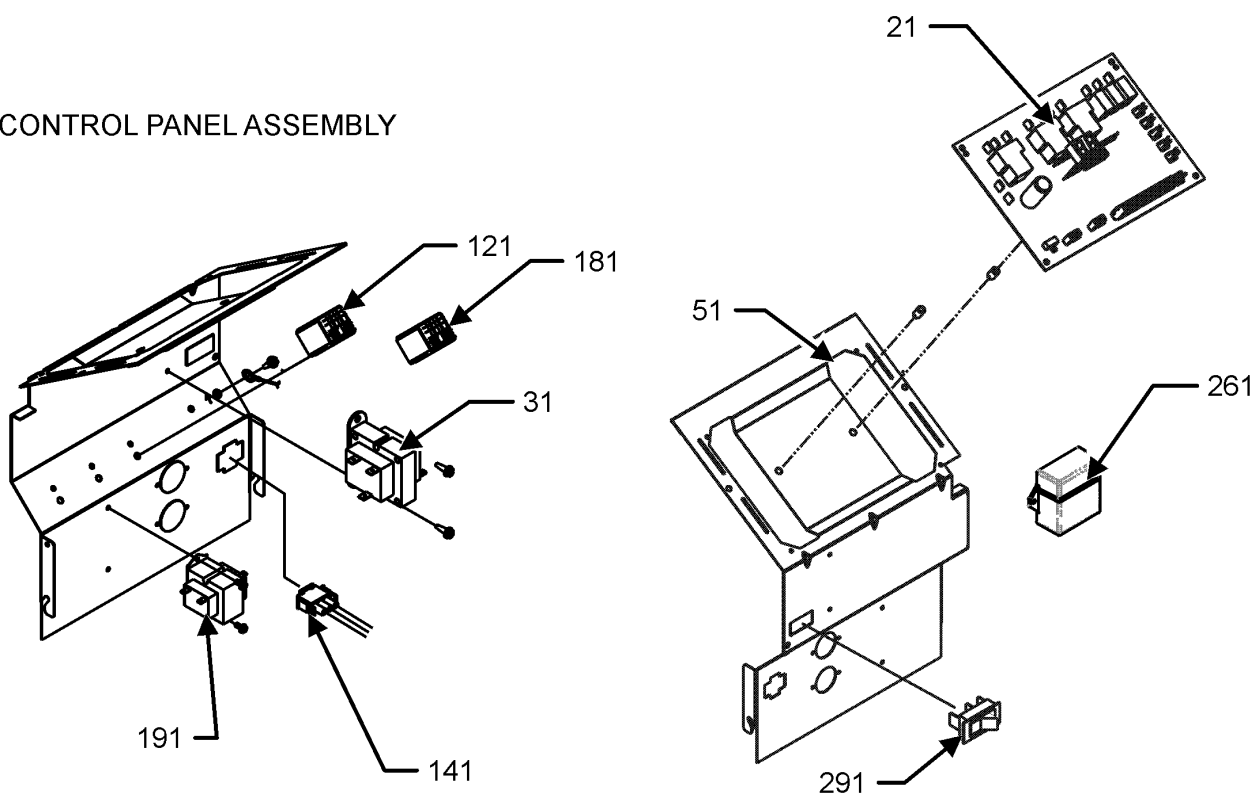
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M2 - PTC073E00AXXXAC
M3 - PTC073E00DHXXAB
M4 - PTC073E00HRXXAB
M5 - PTC073E00HXXAB
M6 - PTC073E15CXXXAC
M7 - PTC073E25AXXXAB
M8 - PTC073E25AXXXAC
M9 - PTC073E25CXXXAB
M10 - PTC073E25CXXXAC
M11 - PTC073E25DXXXAB
M12 - PTC073E25RXXXAB
M13 - PTC073E35AXXXAB
M14 - PTC073E35AXXXAC
M15 - PTC073E35CXXXAB
M16 - PTC073E35CXXXAC
M17 - PTC073E35RXXXAB

Front Panel and Control Panel Assembly

FRONT PANEL ASSEMBLY



CONTROL PANEL ASSEMBLY



Front Panel and Control Panel Assembly

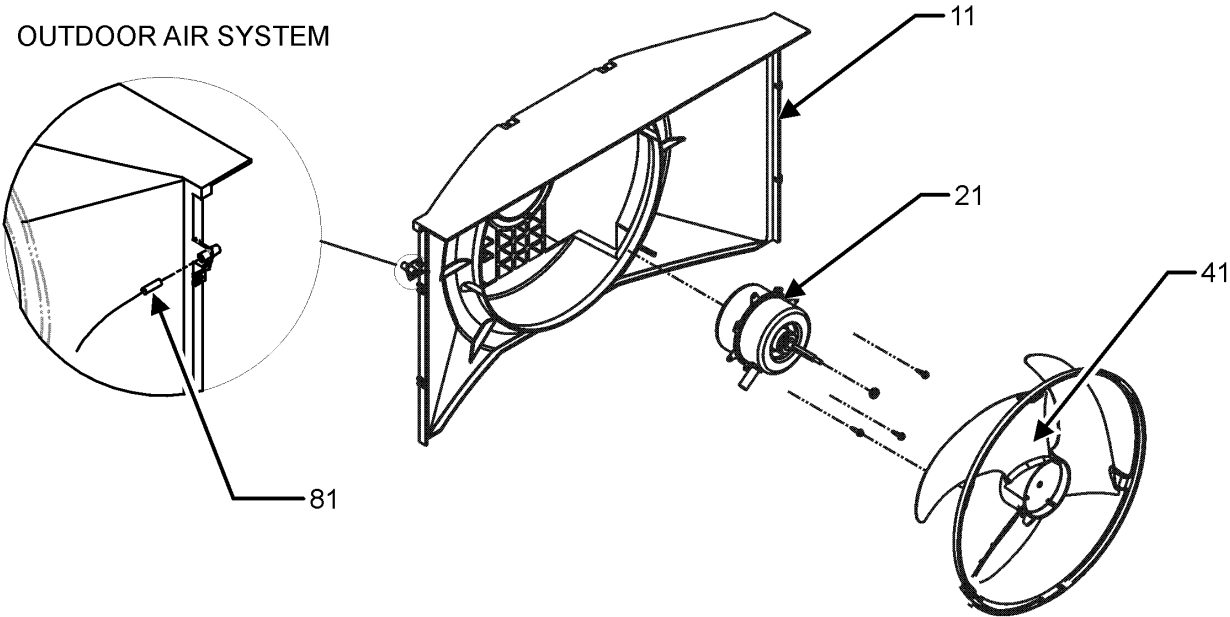
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0161P00048		FRONT, LOUVERS DISCHARGE (M1, M2, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)
21	RSKP0010		CONTROL BOARD M61
31	0130M00341		TRANSFORMER 20VA 230V (M1, M2, M6, M7, M8, M9, M10, M12, M13, M14, M15, M16, M17)
31	0130M00329		TRANSFORMER 20VA 60HZ (M11)
41	0163P00025		CLIP (M1, M2, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)
51	0121P00130		PANEL, CONTROL
61	0121P00194BL		SCREEN, DISCHARGE, PAINTED (M1, M2, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)
71	0261P00003		DOOR ASSY -AMANA- (M1, M2, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)
81	0261P00011		FRONT ASSY (M1, M2, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)
101	0161P00035		FILTER, RACK (M1, M2, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)
121	0130M00096		RELAY (M2, M6, M8, M10, M14, M16)
121	C8873917		RELAY MIDTEX 187 (M3, M4, M5)
141	0259P00009		HARNESS, HYDR HT PTC (M3, M4, M5)
181	C8873932		RELAY (M3, M11)
191	0130M00599		TRANS, 40VA, 240V/208V TO 24V (M3, M4, M5, M11)
261	0130P00104		ANTENNA (M4, M12, M17)
291	B1337701		PADDLE SWITCH (M3, M11)

Expanded Model Nomenclature

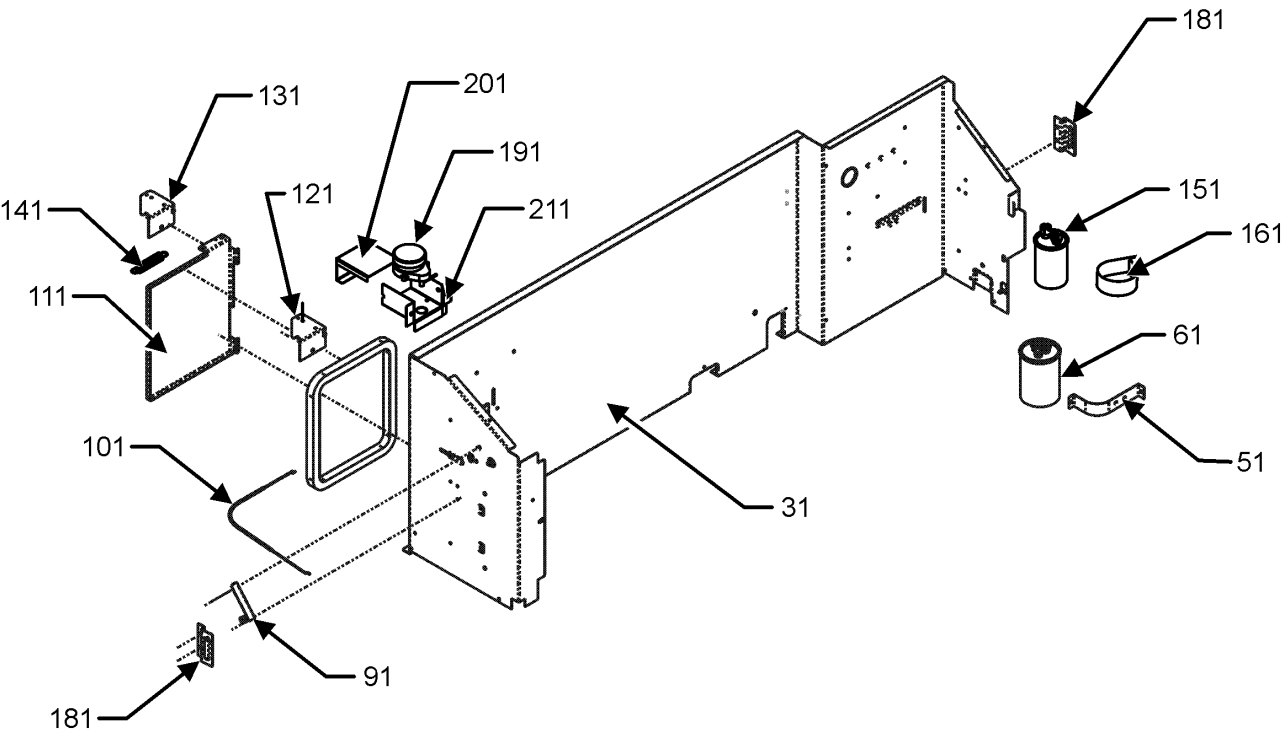
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 M2 - PTC073E00AXXXAC
 M3 - PTC073E00DHXXAB
 M4 - PTC073E00HRXXAB
 M5 - PTC073E00HXXXAB
 M6 - PTC073E15CXXXAC
 M7 - PTC073E25AXXXAB
 M8 - PTC073E25AXXXAC
 M9 - PTC073E25CXXXAB
 M10 - PTC073E25CXXXAC
 M11 - PTC073E25DXXXAB
 M12 - PTC073E25RXXXAB
 M13 - PTC073E35AXXXAB
 M14 - PTC073E35AXXXAC
 M15 - PTC073E35CXXXAB
 M16 - PTC073E35CXXXAC
 M17 - PTC073E35RXXXAB

Outdoor System and Partition Panel Assy

OUTDOOR AIR SYSTEM



PARTITION PANEL ASSEMBLY



Outdoor System and Partition Panel Assy

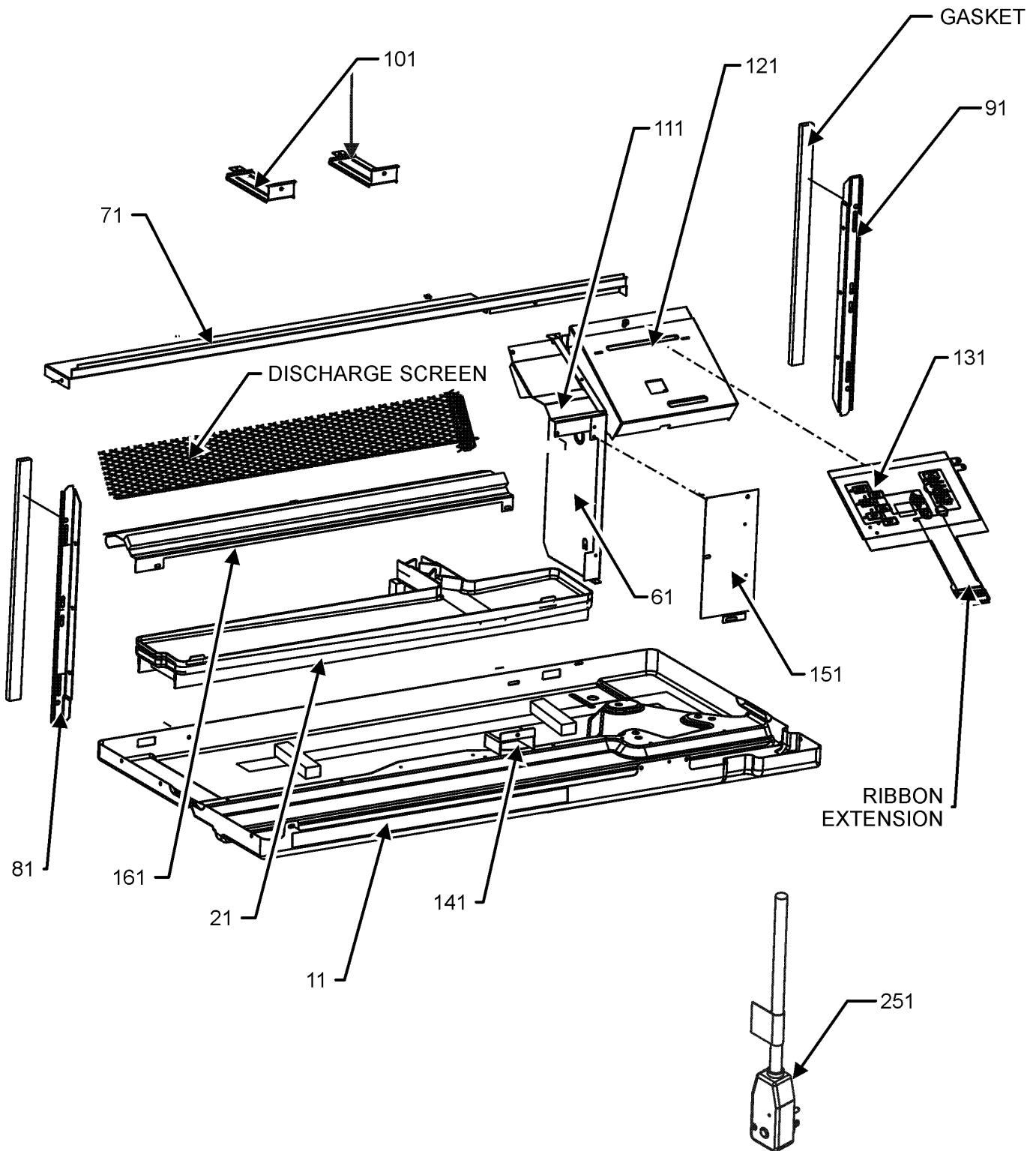
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0161P00053		SHROUD, CONDENSOR
21	0131P00014		FAN MOTOR, OUTDOOR (M1, M3, M4, M5, M7, M9, M11, M12, M13, M15, M17)
21	0131P00027		FAN MOTOR, OUTDOOR (M2, M6, M8, M10, M14, M16)
31	0121P00108NG		PANEL-PARTITION
41	0161P00055		FAN, CONDENSER
51	C6300502		CAPACITOR STRAP
61	CAP030200440RS		CAP, 3/20 MFD/440V/DUAL RD (M1, M3, M4, M5, M7, M9, M11, M12, M13, M15, M17)
61	CAP020200450CS		CAPACITOR 2/20/450V/DUAL RD (M2, M6, M8, M10, M14, M16)
81	0130P00098		THERMISTOR - OUTDOOR AMBIENT (M4, M12, M17)
91	11046302		LEVER ARM (M1, M2, M4, M5, M6, M7, M8, M9, M10, M12, M13, M14, M15, M16, M17)
101	0163P00019		CABLE (M1, M2, M4, M5, M6, M7, M8, M9, M10, M12, M13, M14, M15, M16, M17)
111	0121P00177NG		DOOR - PNT VENT PTC
121	0121P00079		BRACKET, VENT DOOR (M3, M11)
131	0121P00072NG		BRACKET, VENT DOOR-C (M1, M2, M4, M5, M6, M7, M8, M9, M10, M12, M13, M14, M15, M16, M17)
141	11166401		EXTENSION SPRING (M3, M11)
151	CAP020000440RP		CAPACITOR 2/440V
161	0163P00029		CAPACITOR CLAMP
181	11191703		PARTITION PANEL BRACKET (M1, M2, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)
191	0130P00137		MOTOR (M3, M11)
201	11166201		POWER VENT COVER BRACKET (M3, M11)
211	11166101		POWER VENT MOTOR BRACKET (M3, M11)

Expanded Model Nomenclature

M1 - PTC073E00AXXXAB
 M2 - PTC073E00AXXXAC
 M3 - PTC073E00DHXXAB
 M4 - PTC073E00HRXXAB
 M5 - PTC073E00HXXAB
 M6 - PTC073E15CXXXAC
 M7 - PTC073E25AXXXAB
 M8 - PTC073E25AXXXAC
 M9 - PTC073E25CXXXAB
 M10 - PTC073E25CXXXAC
 M11 - PTC073E25DXXXAB
 M12 - PTC073E25RXXXAB
 M13 - PTC073E35AXXXAB
 M14 - PTC073E35AXXXAC
 M15 - PTC073E35CXXXAB
 M16 - PTC073E35CXXXAC
 M17 - PTC073E35RXXXAB

Base Pan Assembly

BASE PAN ASSEMBLY



Base Pan Assembly

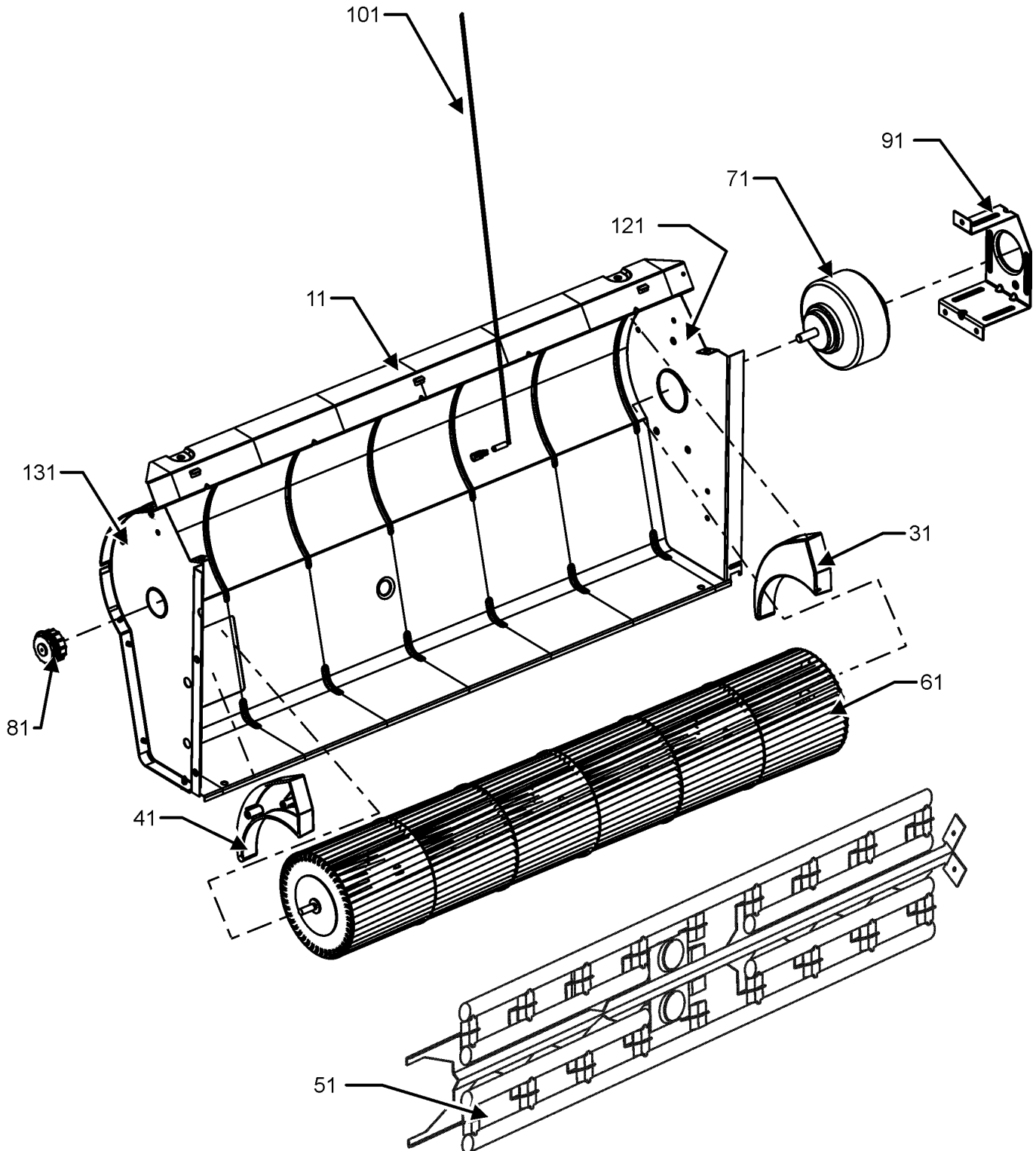
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0121P00175DG		BASE PAN (M1, M2, M3, M4, M5, M7, M8, M11, M12, M13, M14, M17)
11	0121P00175NG		BASE PAN (M6, M9, M10, M15, M16)
21	0161P00044		PLASTIC-DRAIN PAN
61	20403301		MID PARTITION PANEL
71	0121P00063NG		TOP, PARTITION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

Expanded Model Nomenclature

M1 - PTC073E00AXXXAB
 M2 - PTC073E00AXXXAC
 M3 - PTC073E00DHXXAB
 M4 - PTC073E00HRXXAB
 M5 - PTC073E00HXXXAB
 M6 - PTC073E15CXXXAC
 M7 - PTC073E25AXXXAB
 M8 - PTC073E25AXXXAC
 M9 - PTC073E25CXXXAB
 M10 - PTC073E25CXXXAC
 M11 - PTC073E25DXXXAB
 M12 - PTC073E25RXXXAB
 M13 - PTC073E35AXXXAB
 M14 - PTC073E35AXXXAC
 M15 - PTC073E35CXXXAB
 M16 - PTC073E35CXXXAC
 M17 - PTC073E35RXXXAB

Indoor Blower Assembly

INDOOR BLOWER ASSEMBLY



Indoor Blower Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

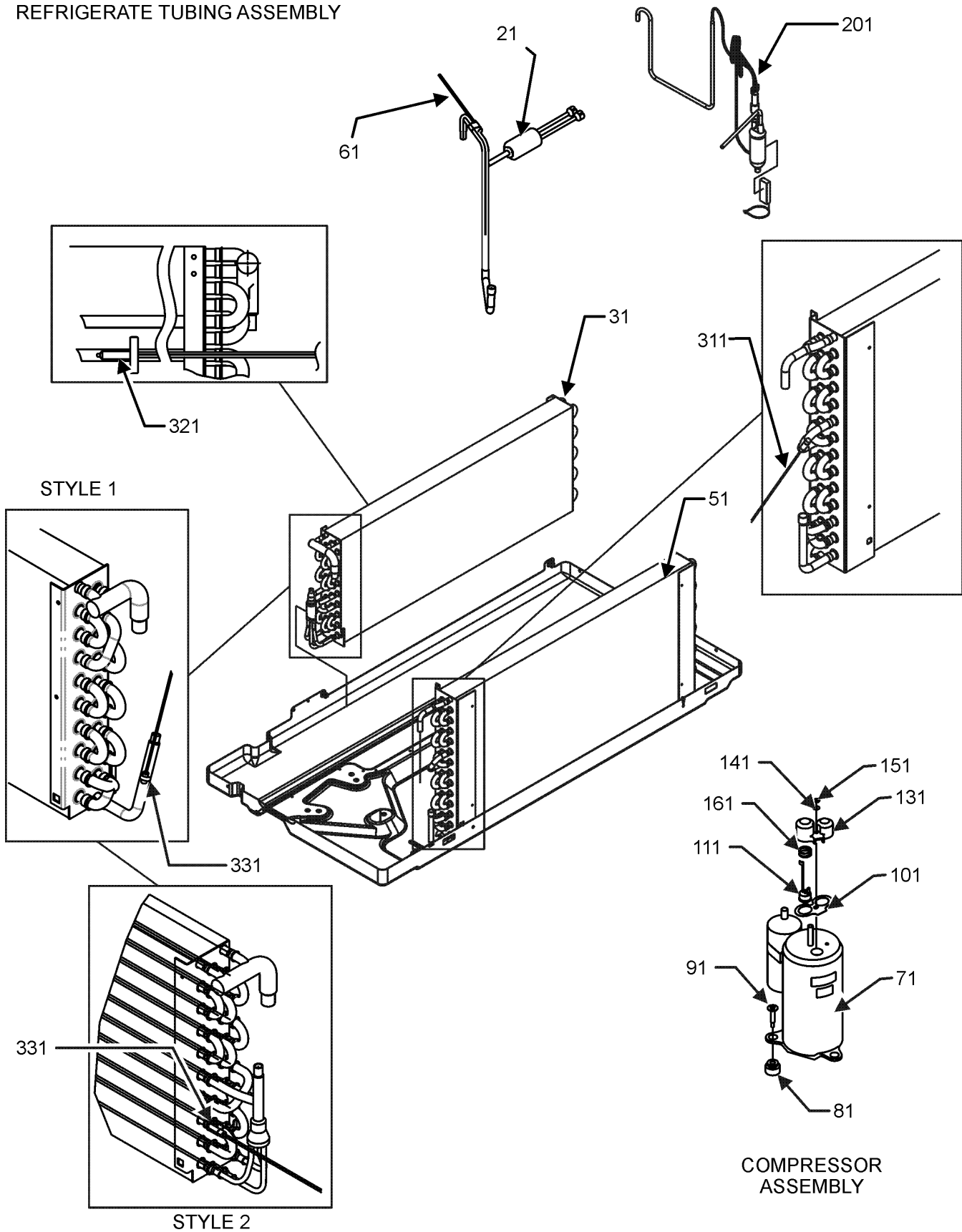
11	0121P00173DG	SCROLL
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00019	HEATER ASSY (M7, M8, M9, M10, M11, M12)
51	0275P00022	HEATER ASSY (M6)
51	0275P00038	HEATER ASSY (M13, M14, M15, M16, M17)
61	0150P00005	WHEEL, BLOWER
71	0131P00054	FAN MOTOR, INDOOR
81	0163P00027	BEARING
91	0121P00048	BRACKET-MOTOR MOUNT
101	0130P00134	THERMISTOR - DISCHARGE
121	0121P00059DG	ENDPLATE-RH SCROLL
131	0121P00215DG	ENDPLATE- LH SCROLL

Expanded Model Nomenclature

M1 - PTC073E00AXXXAB
 M2 - PTC073E00AXXXAC
 M3 - PTC073E00DHXXAB
 M4 - PTC073E00HRXXAB
 M5 - PTC073E00HXXXAB
 M6 - PTC073E15CXXXAC
 M7 - PTC073E25AXXXAB
 M8 - PTC073E25AXXXAC
 M9 - PTC073E25CXXXAB
 M10 - PTC073E25CXXXAC
 M11 - PTC073E25DXXXAB
 M12 - PTC073E25RXXXAB
 M13 - PTC073E35AXXXAB
 M14 - PTC073E35AXXXAC
 M15 - PTC073E35CXXXAB
 M16 - PTC073E35CXXXAC
 M17 - PTC073E35RXXXAB

Refrigerate Tubing Assembly

REFRIGERATE TUBING ASSEMBLY



COMPRESSOR ASSEMBLY

Refrigerate Tubing Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
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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, M7, M8, M11, M12, M13, M14, M17)
51	0201P00085DG	CONDENSER ASSY (M6, M9, M10, M15, M16)
61	0130P00077	THERMISTOR (M4, M12, M17)
71	39A162AD&9DKZ	COMPRESSOR, RECHI
81	60110202	GROMMET - RECHI COMPRESSOR (QTY 3)
91	M0253661	SHOULDER SCREW (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	0210P00179	CAPILLARY WELD
311	0130P00085	THERMISTOR - HEAT PUMP (M4, M12, M17)
321	0130P00046	THERMISTOR - INDOOR AMBIENT
331	20295707	THERMISTOR - INDOOR COIL

Expanded Model Nomenclature

M1 - PTC073E00AXXXAB
 M2 - PTC073E00AXXXAC
 M3 - PTC073E00DHXXAB
 M4 - PTC073E00HRXXAB
 M5 - PTC073E00HXXXAB
 M6 - PTC073E15CXXXAC
 M7 - PTC073E25AXXXAB
 M8 - PTC073E25AXXXAC
 M9 - PTC073E25CXXXAB
 M10 - PTC073E25CXXXAC
 M11 - PTC073E25DXXXAB
 M12 - PTC073E25RXXXAB
 M13 - PTC073E35AXXXAB
 M14 - PTC073E35AXXXAC
 M15 - PTC073E35CXXXAB
 M16 - PTC073E35CXXXAC
 M17 - PTC073E35RXXXAB