

PTC074G Package Terminal Air Conditioner

PTC074G00CHXXGA
PTC074G00HRXXGA
PTC074G00HXXGA
PTC074G15AXXXGA
PTC074G25AXXXGA
PTC074G25CXXGA
PTC074G25DXXGA
PTC074G25RXXGA
PTC074G35AXXXGA
PTC074G35CXXGA
PTC074G35QRXXGA
PTC074G35QXXGA
PTC074G35RXXGA
PTC074G35VXXGA



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This manual is to be used by qualified technicians only.

This manual replaces RP-A5302

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:

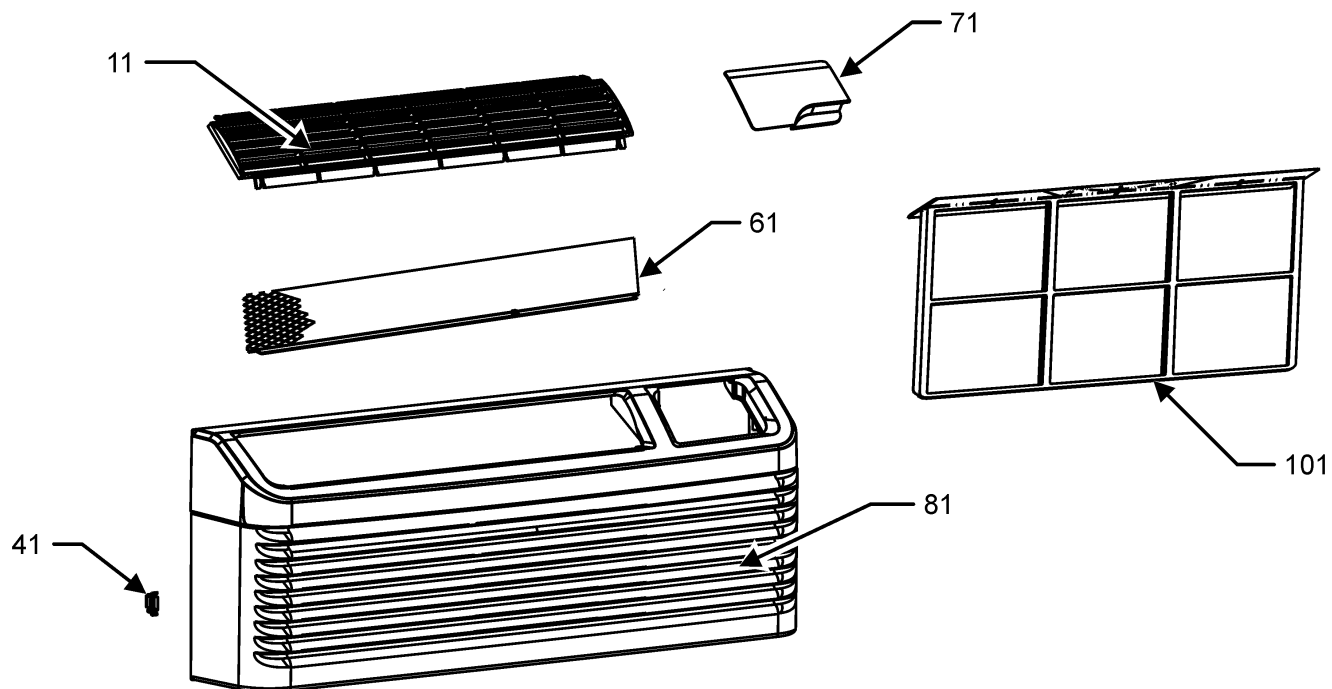
CAP020150450CS	CAP, 2/15 MFD/450V/DUAL RD
CAP010000500RP	CAPACITOR
39B147GD&9BKZ	COMPRESSOR, RECHI
RSKP0014	CONTROL BOARD KIT
RSKP0012	CONTROL BOARD M70
0130P00128	CORD, 277V, 20A
0131P00056	FAN MOTOR, INDOOR
0131P00034	FAN MOTOR, OUTDOOR
0161P00055	FAN, CONDENSER
A3410402	FUSE 15A (M1, M2, M3, M4, M5, M6, M7, M8)
A3410403	FUSE 20A (M9, M10, M11, M12, M13, M14)
0275P00040	HEATER ASSY (M9, M10, M11, M12, M13, M14)
0275P00026	HEATER ASSY (M4)
0275P00023	HEATER ASSY (M5, M6, M7, M8)
0130P00133	HUMIDITY SENSOR (M7, M14)
RSKP0015	MEMBRANE KIT
0130P00137	MOTOR (M7, M14)
PCBCP147	PCB, CONTROL, D70 (M7, M14)
0130M00169	SWITCH, HIGH PRESS
802007090	TERM BOARD
0130P00164	THERMISTOR IAT BLACK
0130P00165	THERMISTOR ICT RED
0130P00134	THERMISTOR IDT YELLOW
0130P00077	THERMISTOR IHD ORANGE (M2, M8, M11, M13)
0130P00098	THERMISTOR OAT GREEN (M2, M7, M8, M11, M13, M14)
0130P00094	THERMISTOR OCT BLUE (M2, M8, M11, M13)
0130M00342	TRANSFORMER 20VA 265V (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14)
0130M00601	TRANSFORMER, 40VA, 277V TO 24V (M1, M2, M3, M7, M14)

Expanded Model Nomenclature

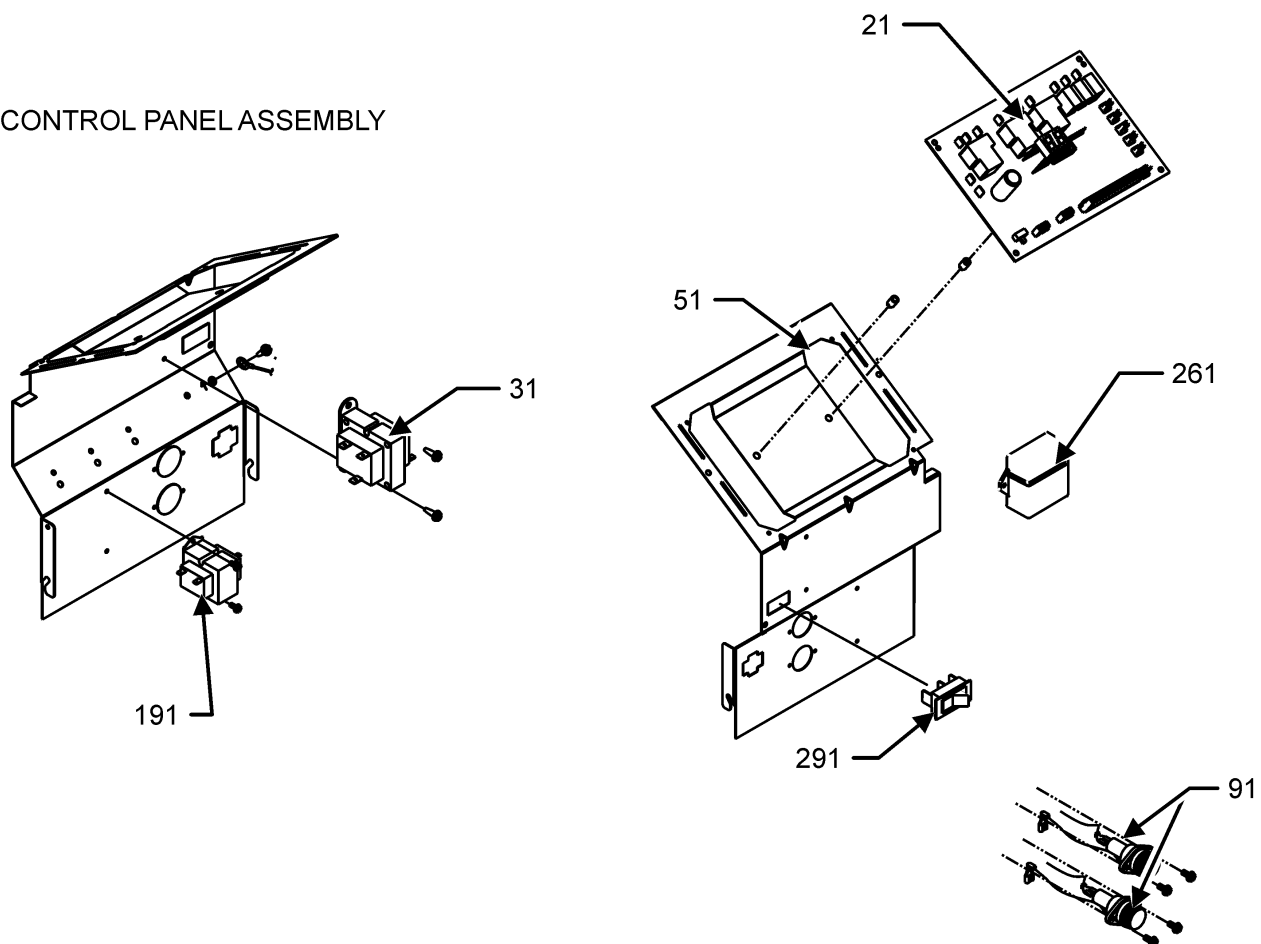
M1 - PTC074G00CHXXGA
 M2 - PTC074G00HRXXGA
 M3 - PTC074G00HXXXGA
 M4 - PTC074G15AXXXGA
 M5 - PTC074G25AXXXGA
 M6 - PTC074G25CXXXGA
 M7 - PTC074G25DXXXGA
 M8 - PTC074G25RXXXGA
 M9 - PTC074G35AXXXGA
 M10 - PTC074G35CXXXGA
 M11 - PTC074G35QRXXGA
 M12 - PTC074G35QXXXGA
 M13 - PTC074G35RXXXGA
 M14 - PTC074G35VXXXGA

Front Panel and Control Panel Assembly

FRONT PANEL ASSEMBLY



CONTROL PANEL ASSEMBLY



Front Panel and Control Panel Assembly

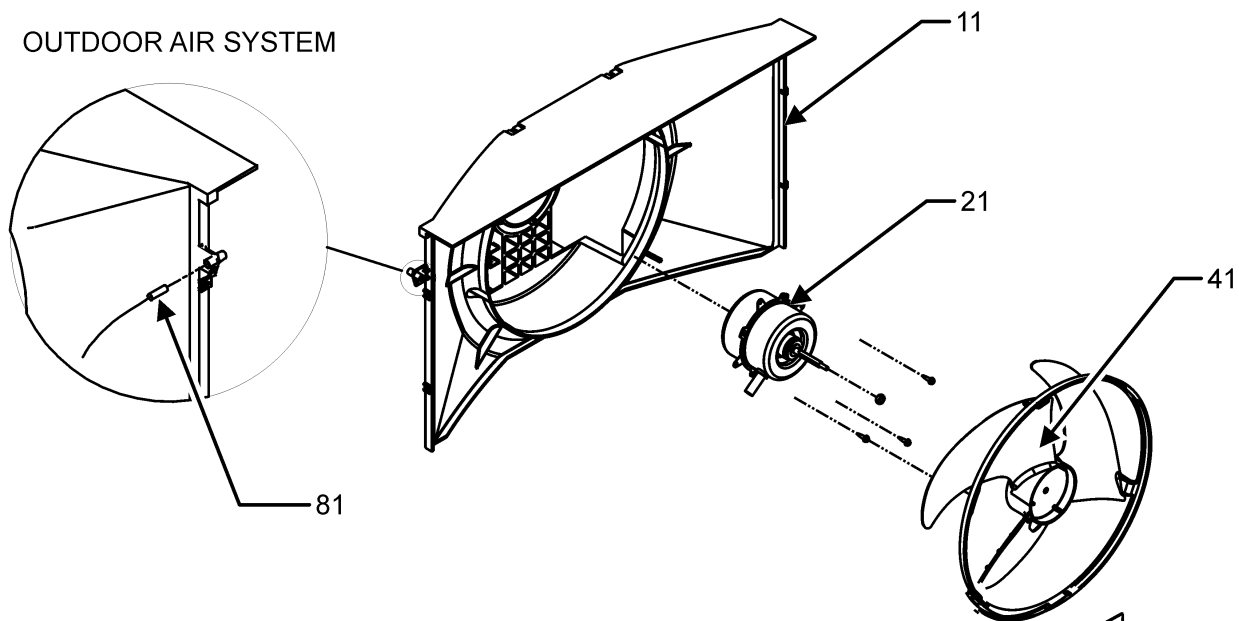
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0161P00048		FRONT-DICHARGE LOUVERS (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14)
21	RSKP0012		CONTROL BOARD M70
31	0130M00342		TRANSFORMER 20VA 265V (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14)
41	0163P00025		CLIP (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14)
51	0121P00130		PANEL, CONTROL
61	0121P00194BL		SCREEN, DISCHARGE, PAINTED (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14)
71	0261P00003		DOOR ASSY -AMANA- (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14)
81	0261P00011		FRONT ASSY (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14)
91	C6476001		BAYONET FUSE HOLDER (M1, M2, M3, M4, M5, M6, M7, M8)
91	C6476002		BAYONET FUSE HOLDER (M9, M10, M11, M12, M13, M14)
101	0161P00035		FILTER, RACK (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14)
191	0130M00601		TRANSFORMER, 40VA, 277V TO 24V (M1, M2, M3, M7, M14)
261	0130P00104		ANTENNA (M2, M8, M11, M13)
291	B1337701		PADDLE SWITCH (M7, M14)
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)
NS	PCBCP147		PCB, CONTROL, D70 (M7, M14)

Expanded Model Nomenclature

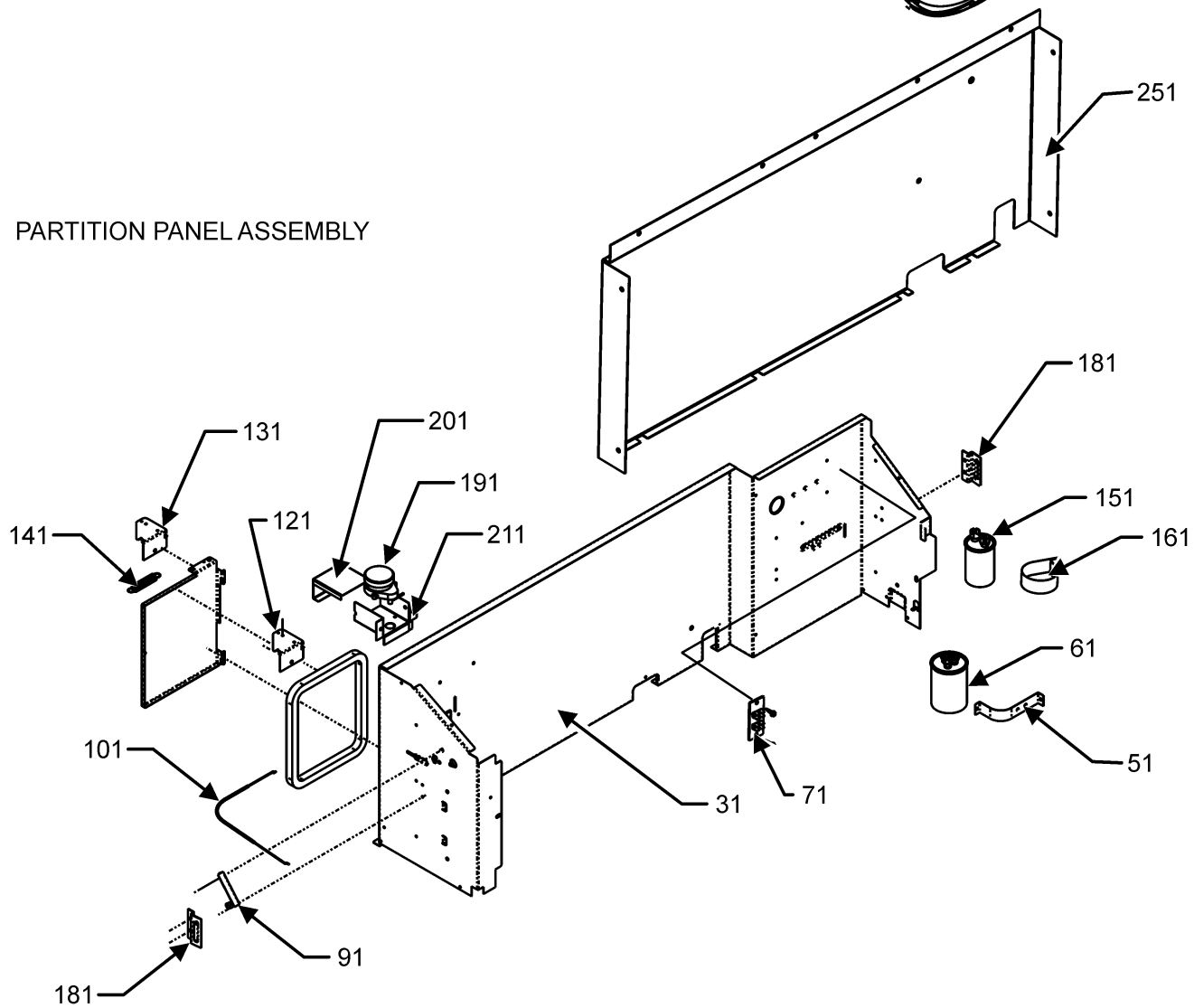
M1 - PTC074G00CHXXGA
 M2 - PTC074G00HRXXGA
 M3 - PTC074G00HXXXGA
 M4 - PTC074G15AXXXGA
 M5 - PTC074G25AXXXGA
 M6 - PTC074G25CXXXGA
 M7 - PTC074G25DXXXGA
 M8 - PTC074G25RXXXGA
 M9 - PTC074G35AXXXGA
 M10 - PTC074G35CXXXGA
 M11 - PTC074G35QRXXGA
 M12 - PTC074G35QXXXGA
 M13 - PTC074G35RXXXGA
 M14 - PTC074G35VXXXGA

Outdoor Air System and Partition Panel

OUTDOOR AIR SYSTEM



PARTITION PANEL ASSEMBLY



Outdoor Air System and Partition Panel

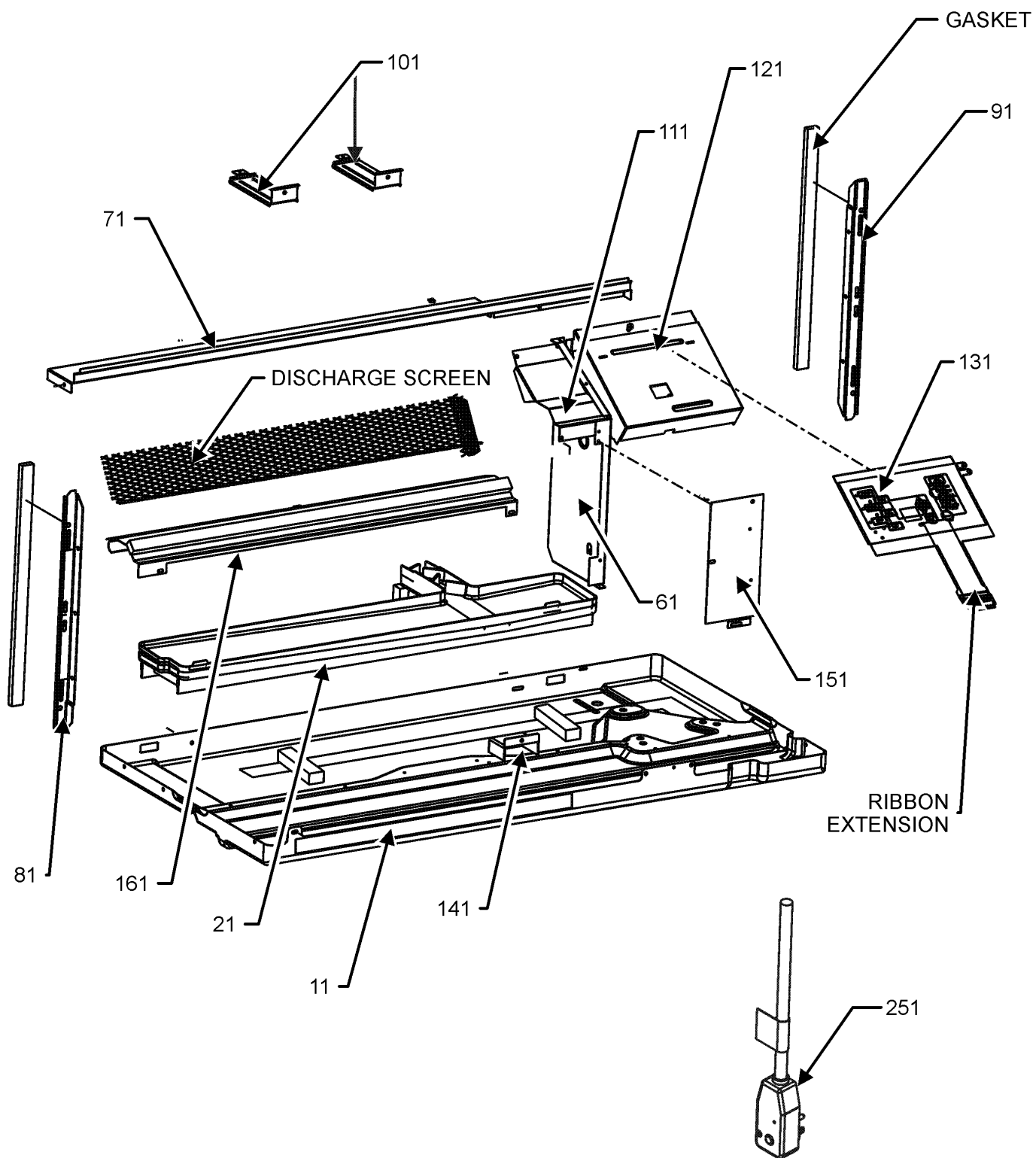
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0161P00110		CONDENSER SHROUD
21	0131P00034		FAN MOTOR, OUTDOOR
31	0121P00093		PANEL-PARTITION (M11, M12)
31	0121P00108NG		PANEL-PARTITION (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M13, M14)
41	0161P00055		FAN, CONDENSER
51	C6300502		CAPACITOR STRAP
61	CAP020150450C S		CAP, 2/15 MFD/450V/DUAL RD
71	802007090		TERM BOARD
81	0130P00098		THERMISTOR OAT GREEN (M2, M7, M8, M11, M13, M14)
91	11046302		LEVER ARM (M1, M2, M3, M4, M5, M6, M8, M9, M10, M13)
101	0163P00019		CABLE (M1, M2, M3, M4, M5, M6, M8, M9, M10, M13)
111	0121P00177NG		DOOR-VENT PTC (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M13, M14)
121	0121P00079		BRACKET, VENT DOOR (M7, M14)
131	0121P00180		BRACKET, POWER VENT (M7, M14)
131	0121P00072NG		BRACKET, VENT DOOR (M1, M2, M3, M4, M5, M6, M8, M9, M10, M13)
141	11166401		EXTENSION SPRING (M7, M14)
151	CAP010000500R P		CAPACITOR
161	0163P00029		CAPACITOR CLAMP
181	11191703		PARTITION PANEL BRACKET (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14)
191	0130P00137		MOTOR (M7, M14)
201	11166201		POWER VENT COVER BRACKET (M7, M14)
211	11166101		POWER VENT MOTOR BRACKET (M7, M14)
251	0121P00091		PANEL-AUXILLIARY (M11, M12)
NS	0130P00133		HUMIDITY SENSOR (M7, M14)

Expanded Model Nomenclature

M1 - PTC074G00CHXXGA
M2 - PTC074G00HRXXGA
M3 - PTC074G00HXXXGA
M4 - PTC074G15AXXXGA
M5 - PTC074G25AXXXGA
M6 - PTC074G25CXXXGA
M7 - PTC074G25DXXXGA
M8 - PTC074G25RXXXGA
M9 - PTC074G35AXXXGA
M10 - PTC074G35CXXXGA
M11 - PTC074G35QRXXGA
M12 - PTC074G35QXXXGA
M13 - PTC074G35RXXXGA
M14 - PTC074G35VXXXGA

Base Pan Assembly

BASE PAN ASSEMBLY



Base Pan Assembly

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

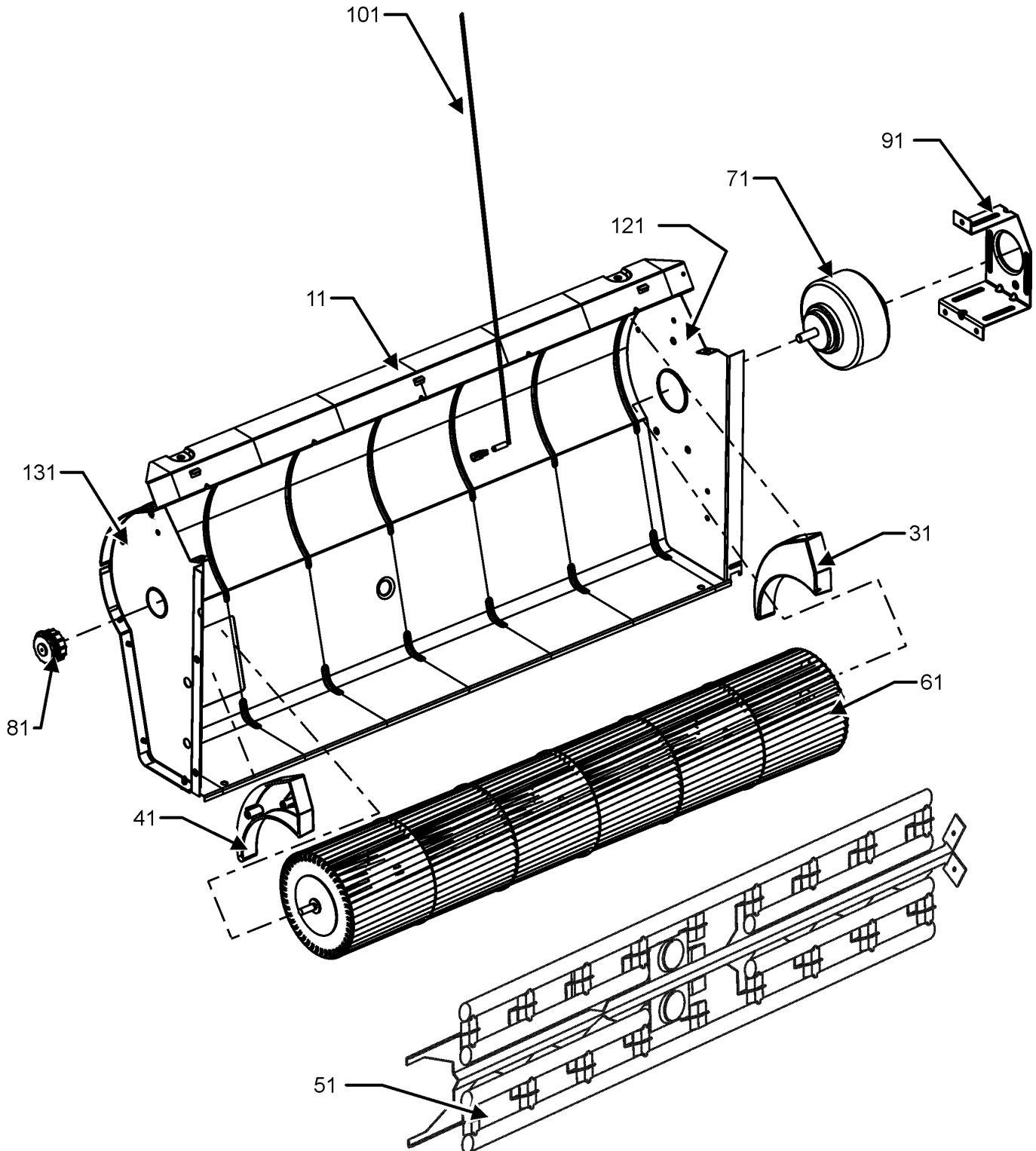
11	0121P00175DG	BASE PAN (M2, M3, M4, M5, M7, M8, M9, M11, M12, M13, M14)
11	0121P00175NG	BASE PAN (M1, M6, M10)
21	0161P00044	PLASTIC-DRAIN PAN
61	0121P00278	PANEL-MID PTN PTC
71	0121P00063NG	TOP, PARTITION PANEL
81	0121P00197	SEAL-L SIDE PTC
91	0121P00198	SEAL-R SIDE PTC
101	0121P00071NG	BRACE, TIE (QTY 2)
111	0121P00070DG	COVER, MOTOR
121	0121P00280	COVER-CONTROL PANEL
131	RSKP0015	MEMBRANE KIT
141	0161P00016	PLASTIC-HOOD (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M13, M14)
151	20410801	ACCESS COVER
161	0121P00061DG	CUTOFF-SCROLL DG
251	0130P00128	CORD, 277V, 20A
NS	0121P00233	LEFT SIDE SCROLL BLOCKOFF
NS	0130P00109	MEMBRANE (CONTROL)

Expanded Model Nomenclature

M1 - PTC074G00CHXXGA
M2 - PTC074G00HRXXGA
M3 - PTC074G00HXXGGA
M4 - PTC074G15AXXXGA
M5 - PTC074G25AXXXGA
M6 - PTC074G25CXXGGA
M7 - PTC074G25DXXXGA
M8 - PTC074G25RXXGGA
M9 - PTC074G35AXXXGA
M10 - PTC074G35CXXGGA
M11 - PTC074G35QRXXGA
M12 - PTC074G35QXXGGA
M13 - PTC074G35RXXGGA
M14 - PTC074G35VXXGGA

Indoor Blower Assembly

INDOOR BLOWER ASSEMBLY



Indoor Blower Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

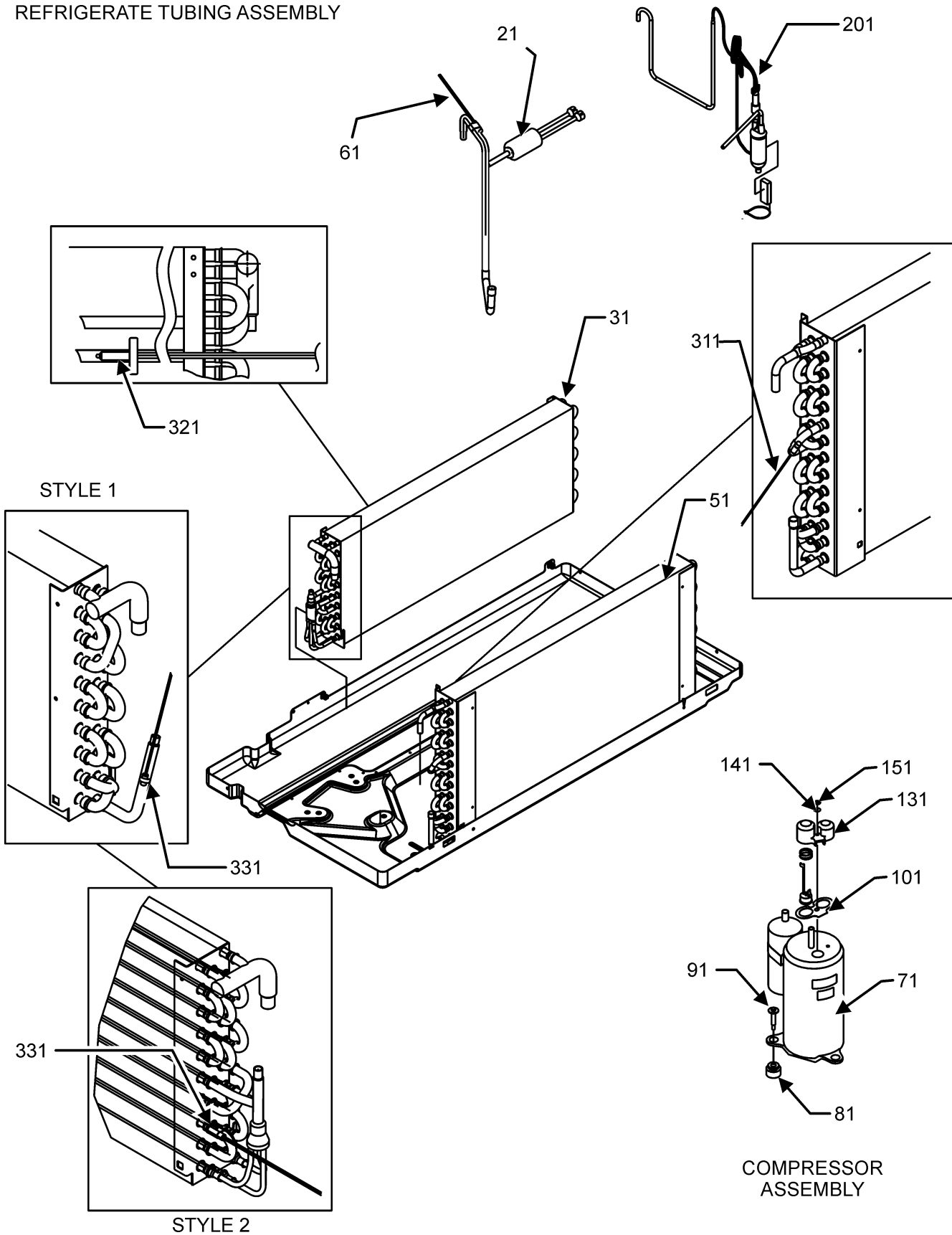
11	0121P00173DG	SCROLL
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00023	HEATER ASSY (M5, M6, M7, M8)
51	0275P00026	HEATER ASSY (M4)
51	0275P00040	HEATER ASSY (M9, M10, M11, M12, M13, M14)
61	0150P00005	WHEEL, BLOWER
71	0131P00056	FAN MOTOR, INDOOR
81	0163P00027	BEARING
91	0121P00048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

Expanded Model Nomenclature

M1 - PTC074G00CHXXGA
 M2 - PTC074G00HRXXGA
 M3 - PTC074G00HXXGA
 M4 - PTC074G15AXXXGA
 M5 - PTC074G25AXXXGA
 M6 - PTC074G25CXXGA
 M7 - PTC074G25DXXGA
 M8 - PTC074G25RXXGA
 M9 - PTC074G35AXXXGA
 M10 - PTC074G35CXXGA
 M11 - PTC074G35QRXXGA
 M12 - PTC074G35QXXGA
 M13 - PTC074G35RXXGA
 M14 - PTC074G35VXXGA

Refrigerate Tube Assembly

REFRIGERATE TUBING ASSEMBLY



Refrigerate Tube Assembly

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

21	0130M00169	SWITCH, HIGH PRESS
31	0202P00093	7MM EVAP ASSY 2 ROW
51	0201P00137MB	5MM COND ASSY PAINTED (M1, M6, M10)
51	0201P00130	5MM CONDENSER COIL ASSY (M2, M3, M4, M5, M7, M8, M9, M11, M12, M13, M14)
61	0130P00077	THERMISTOR IHD ORANGE (M2, M8, M11, M13)
71	39B147GD&9BKZ	COMPRESSOR, RECHI
81	60130203	GROMMET - RECHI COMPRESSOR (QTY 3)
91	0163M00079	SHOULDER SCREW (QTY 3)
101	60100107	TERMINAL COVER GASKET
131	60100317	TERMINAL COVER
141	60100201	WASHER - RECHI COMPRESSOR
151	60100401	TERMINAL NUT - RECHI COMP
201	0210P00427	CAPILLARY WELDMENT
311	0130P00094	THERMISTOR OCT BLUE (M2, M8, M11, M13)
321	0130P00164	THERMISTOR IAT BLACK
331	0130P00165	THERMISTOR ICT RED

Expanded Model Nomenclature

M1 - PTC074G00CHXXGA
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 M3 - PTC074G00HXXXGA
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 M5 - PTC074G25AXXXGA
 M6 - PTC074G25CXXXGA
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 M8 - PTC074G25RXXXGA
 M9 - PTC074G35AXXXGA
 M10 - PTC074G35CXXXGA
 M11 - PTC074G35QRXXGA
 M12 - PTC074G35QXXXGA
 M13 - PTC074G35RXXXGA
 M14 - PTC074G35VXXXGA