



REPAIR PARTS

PTC153G Package Terminal Air Conditioner

PTC153G00RXXCA
PTC153G25CXXCA
PTC153G25DXXCA
PTC153G25RXXCA
PTC153G35AXXCA
PTC153G35CQXXCA
PTC153G35DXXCA
PTC153G35QRXXCA
PTC153G35QXXCA
PTC153G35RVXXCA
PTC153G35RXXCA
PTC153G50AXXCA



Amana® is a registered trademark of Maytag Corporation or its related companies and is used under license. All rights reserved.

This manual is to be used by qualified technicians only.

This manual replaces RP-A5057A.

© 2019 - 2020 Goodman Company, L.P. ♦ 5151 San Felipe St, Suite 500 ♦ Houston, TX 77056

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:

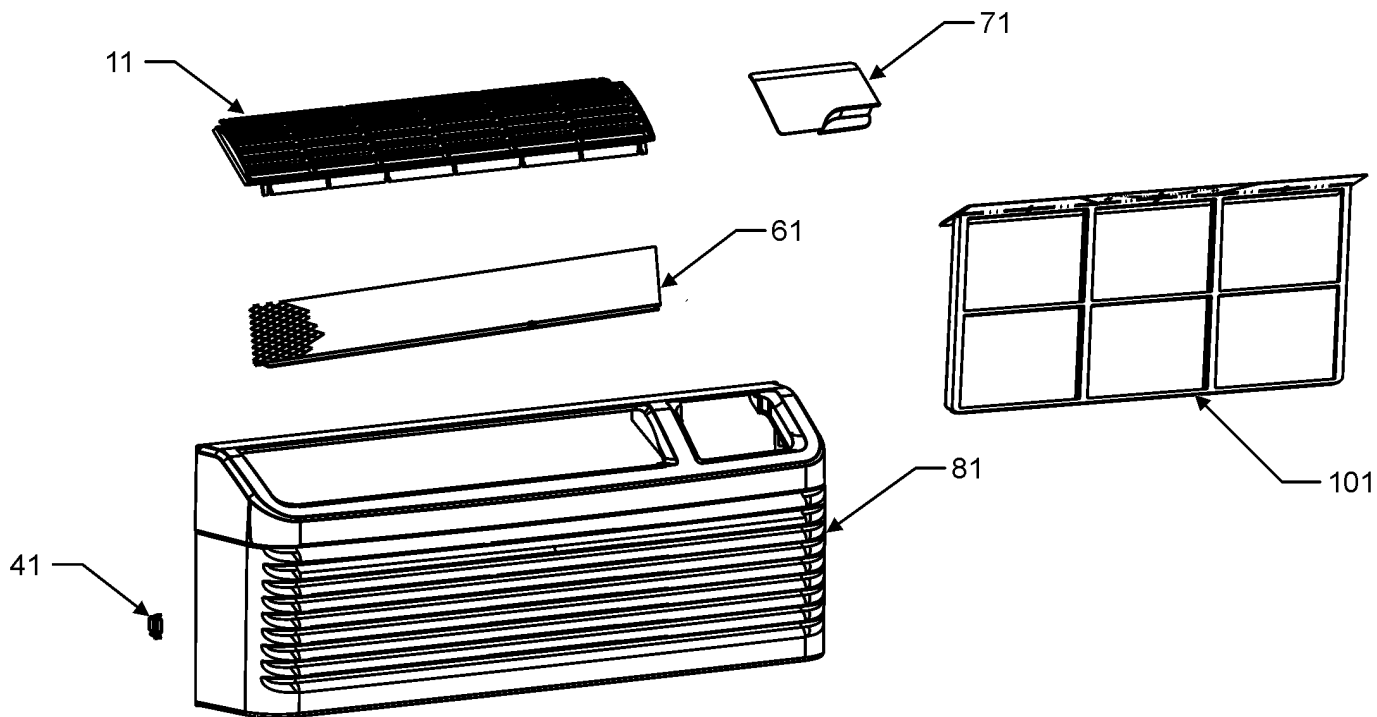
CAP020000440RP	CAPACITOR 2/440V
CAP050300450CS	CAPACITOR 5/30/450V/DUAL RD
50A362QM-9GKG	COMPRESSOR, RECHI
RSKP0014	CONTROL BOARD KIT
RSKP0012	CONTROL BOARD M70
RSKP0015	CONTROL PANEL COVER AND MEMBRANE
0130P00112	CORD,250VAC,15A (LCD) (M1, M2, M3, M4)
0130P00115	CORD,250VAC,20A (LCD) (M5, M6, M7, M8, M9, M10, M11)
0130P00118	CORD,250VAC,30A (LCD) (M12)
0131P00025	FAN MOTOR OUTDOOR (M3)
0131P00055	FAN MOTOR, INDOOR
0131P00030	FAN MOTOR, OUTDOOR DC (M1, M2, M4, M5, M6, M7, M8, M9, M10, M11, M12)
0161P00055	FAN, CONDENSER
0275P00039	HEATER ASSY (M12)
0275P00038	HEATER ASSY (M5, M6, M7, M8, M9, M10, M11)
0275P00019	HEATER ASSY (M2, M3, M4)
0130P00133	HUMIDITY SENSOR (M3, M7, M10)
60343546	OVERLOAD PROTECTOR
PCBCP147	PCB, CONTROL, D70 (M3, M7, M10)
0130P00137	POWER VENT MOTOR (M3, M7, M10)
0130M00169	SWITCH, HIGH PRESS
802007090	TERMINAL BOARD
0130P00141	THERMISTOR
0130P00077	THERMISTOR (M1, M4, M8, M10, M11)
0130P00134	THERMISTOR - DISCHARGE
0130P00084	THERMISTOR - INDOOR COIL
0130P00098	THERMISTOR - OUTDOOR AMBIENT (M1, M3, M4, M7, M8, M10, M11)
0130P00094	THERMISTOR - OUTDOOR AMBIENT (M1, M4, M8, M10, M11)
0130M00599	TRANS, 40VA, 240V/208V TO 24V (M3, M7, M10)
0130M00341	TRANSFORMER 20VA 230V
PCBEP101	VARIABLE SPEED TERMINAL BOARD (M1, M2, M4, M5, M6, M7, M8, M9, M10, M11, M12)

Expanded Model Nomenclature

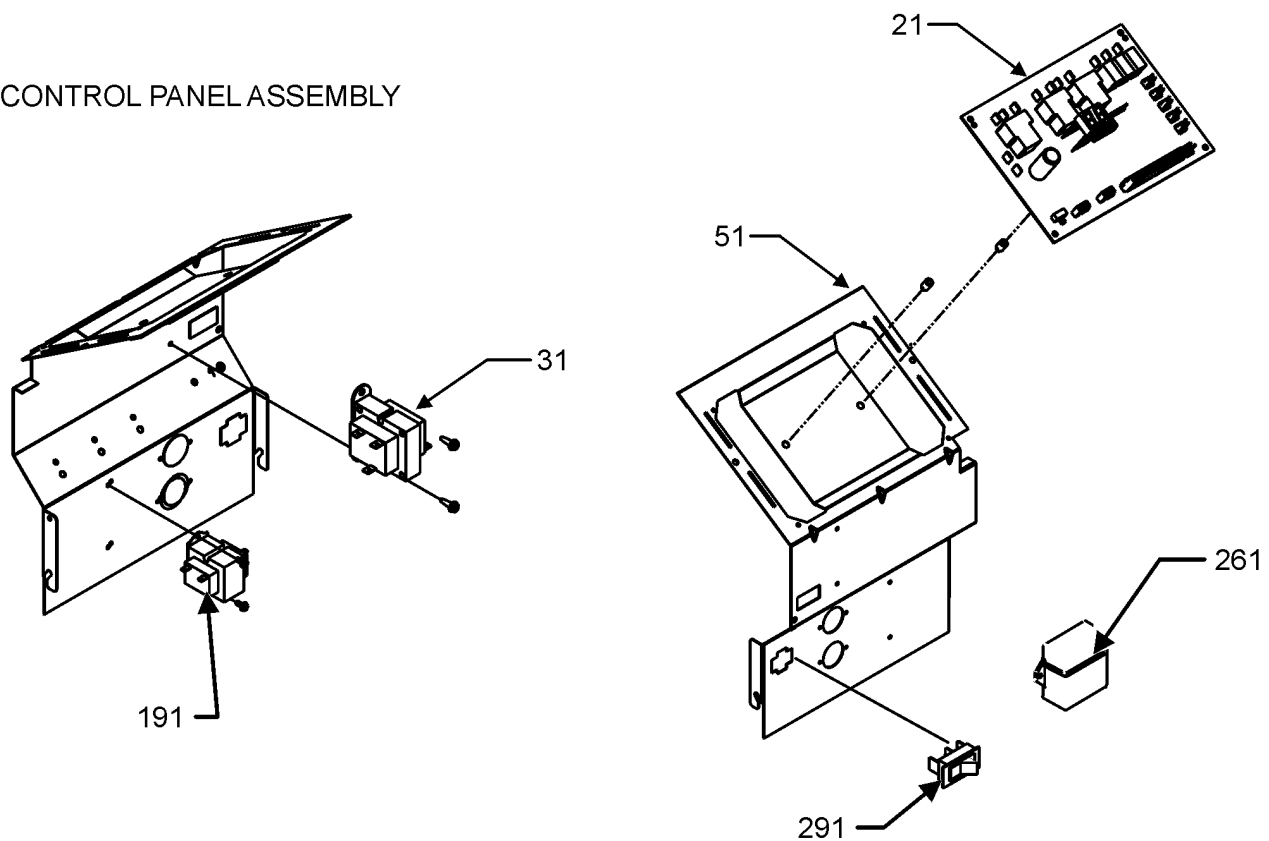
M1 - PTC153G00RXXCA
 M2 - PTC153G25CXXCA
 M3 - PTC153G25DXXCA
 M4 - PTC153G25RXXCA
 M5 - PTC153G35AXXXCA
 M6 - PTC153G35CQXXCA
 M7 - PTC153G35DXXCA
 M8 - PTC153G35QRXXCA
 M9 - PTC153G35QXXCA
 M10 - PTC153G35RVXXCA
 M11 - PTC153G35RXXCA
 M12 - PTC153G50AXXXCA

Front Panel and Control Box Assembly

FRONT PANEL ASSEMBLY



CONTROL PANEL ASSEMBLY



Front Panel and Control Box Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
----------------------	--------------	----------------------	--------------

Image 1:

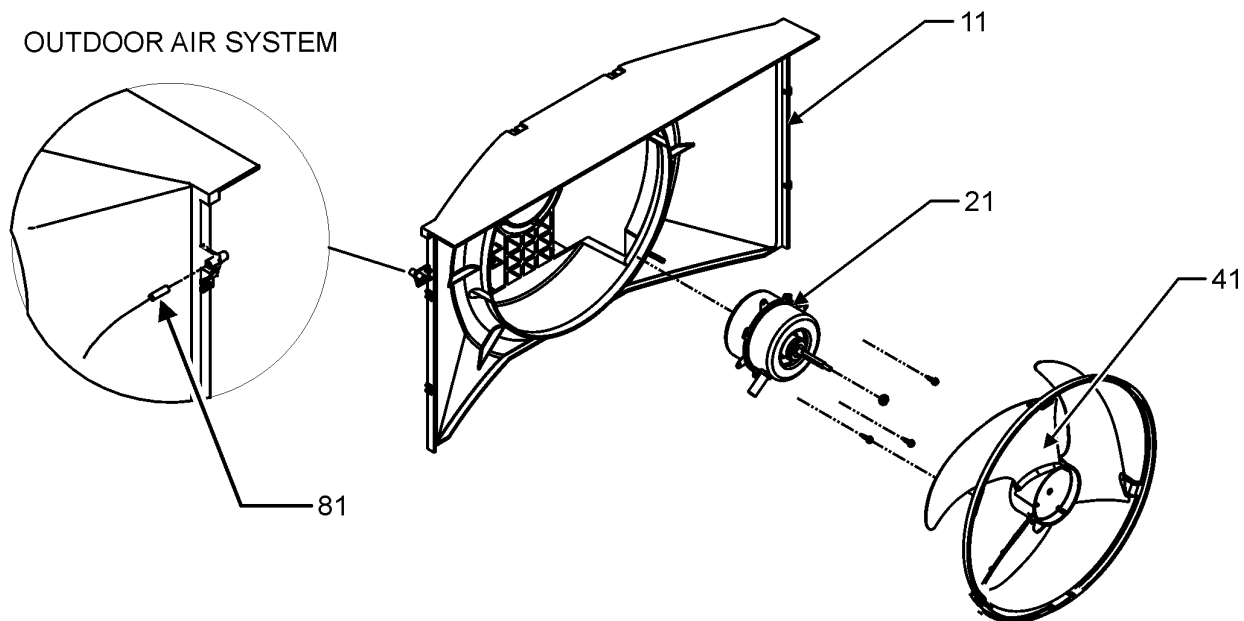
11	0161P00048	FRONT, LOUVERS DISCHARGE
21	RSKP0012	CONTROL BOARD M70
31	0130M00341	TRANSFORMER 20VA 230V
41	0163P00025	CLIP (QTY 2)
51	0121P00130	PANEL, CONTROL
61	0121P00194BL	SCREEN, DISCHARGE, PAINTED
71	0261P00003	DOOR ASSY -AMANA-
81	0261P00011	FRONT ASSY
101	0161P00035	FILTER, RACK (QTY 2)
191	0130M00599	TRANS, 40VA, 240V/208V TO 24V (M3, M7, M10)
261	0130P00104	ANTENNA (DIGITENNA) (M1, M4, M8, M10, M11)
291	B1337701	PADDLE SWITCH (M3, M7, M10)
NS	RSKP0014	CONTROL BOARD KIT
NS	PCBCP147	PCB, CONTROL, D70 (M3, M7, M10)

Expanded Model Nomenclature

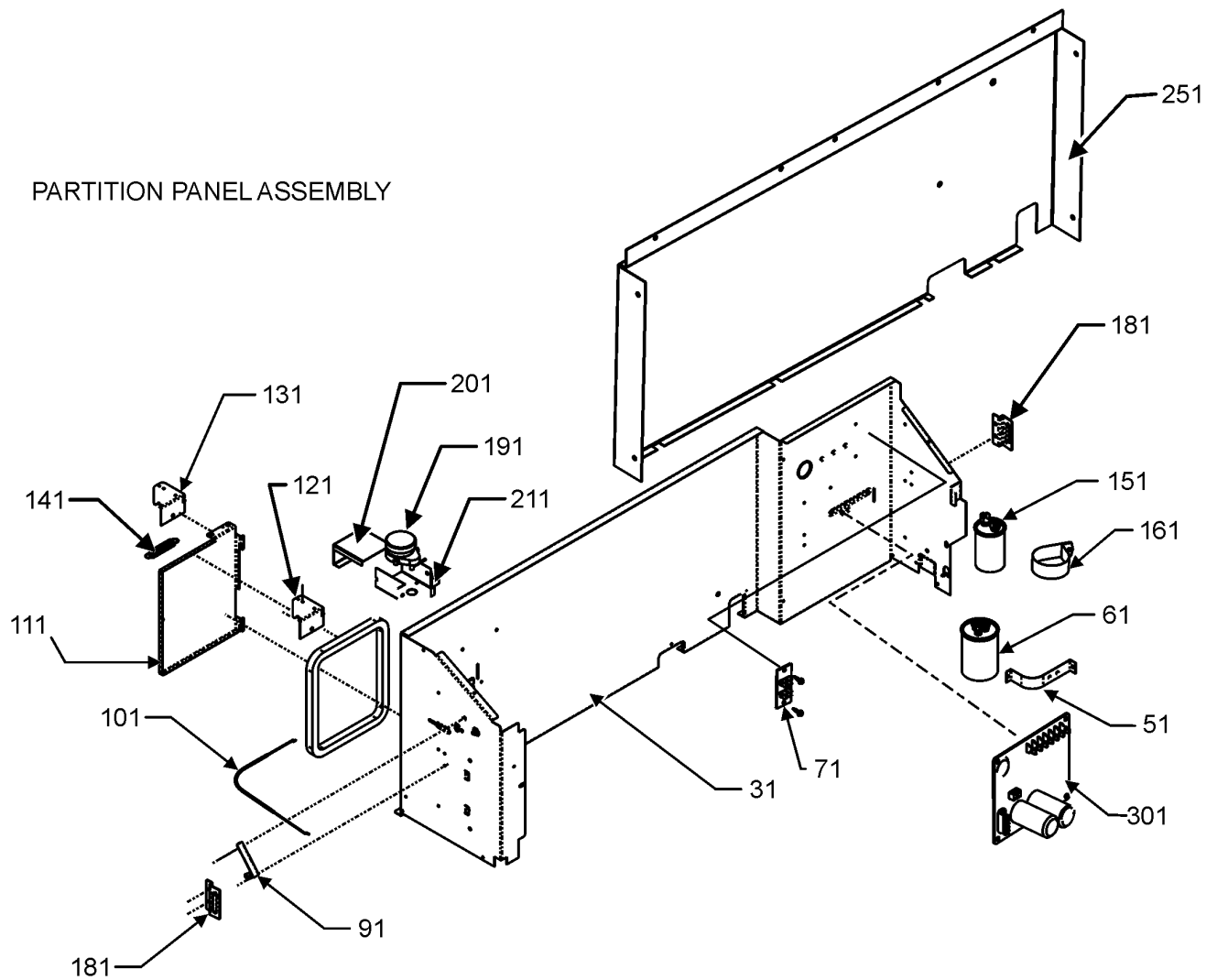
M1 - PTC153G00RXXXCA
 M2 - PTC153G25CXXXCA
 M3 - PTC153G25DXXXCA
 M4 - PTC153G25RXXXCA
 M5 - PTC153G35AXXXCA
 M6 - PTC153G35CQXXCA
 M7 - PTC153G35DXXXCA
 M8 - PTC153G35QRXXCA
 M9 - PTC153G35QXXXCA
 M10 - PTC153G35RVXXCA
 M11 - PTC153G35RXXXCA
 M12 - PTC153G50AXXXCA

Outdoor Air System and Partition Panel

OUTDOOR AIR SYSTEM



PARTITION PANEL ASSEMBLY



Outdoor Air System and Partition Panel

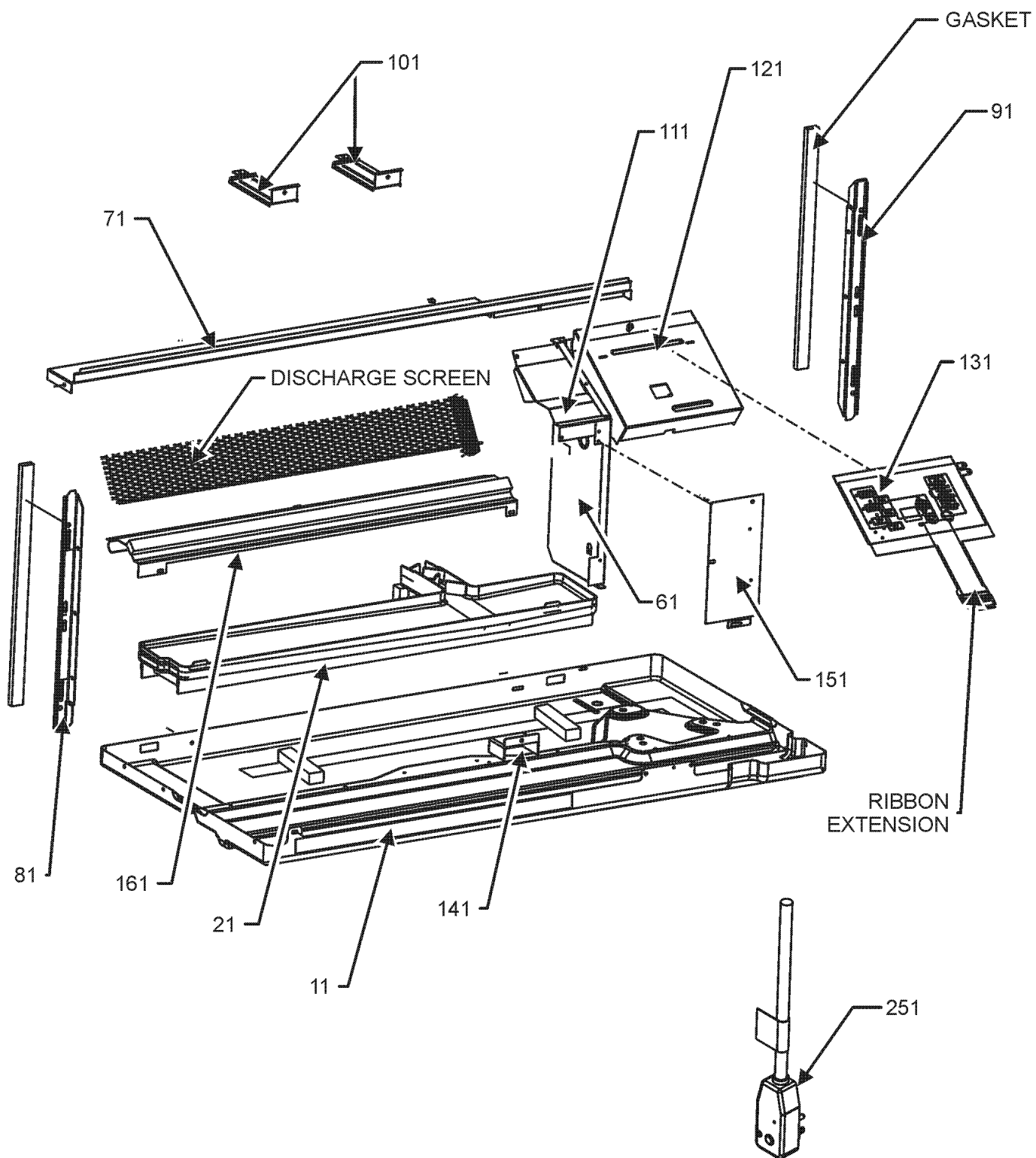
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0161P00053		SHROUD, CONDENSER
21	0131P00025		FAN MOTOR OUTDOOR (M3)
21	0131P00030		FAN MOTOR, OUTDOOR DC (M1, M2, M4, M5, M6, M7, M8, M9, M10, M11, M12)
31	0121P00093NG		PANEL-PARTITION (M6, M8, M9)
31	0121P00108NG		PANEL-PARTITION (M1, M2, M3, M4, M5, M7, M10, M11, M12)
41	0161P00055		FAN, CONDENSER
51	C6300502		CAPACITOR STRAP
61	CAP050300450CS		CAPACITOR 5/30/450V/DUAL RD
71	802007090		TERMINAL BOARD
81	0130P00098		THERMISTOR - OUTDOOR AMBIENT (M1, M3, M4, M7, M8, M10, M11)
91	11046302		LEVER ARM (M1, M2, M4, M5, M11, M12)
101	0163P00019		CABLE (M1, M2, M4, M5, M11, M12)
111	0121P00177NG		DOOR-VENT PTC (M1, M2, M3, M4, M5, M7, M10, M11, M12)
121	0121P00072NG		BRACKET, VENT DOOR (M1, M2, M4, M5, M11, M12)
121	0121P00079		BRACKET, VENT DOOR (M3, M7, M10)
131	0121P00180		BRACKET, POWER VENT (M3, M7, M10)
131	0121P00072		BRACKET, VENT DOOR (M1, M4, M5, M11, M12)
141	11166401		EXTENSION SPRING (M3, M7, M10)
151	CAP020000440RP		CAPACITOR 2/440V
161	0163P00029		CAPACITOR CLAMP
181	11191703		PARTITION PANEL BRACKET (QTY 2)
191	0130P00137		POWER VENT MOTOR (M3, M7, M10)
201	11166201		POWER VENT COVER BRACKET (M3, M7, M10)
211	11166101		POWER VENT MOTOR BRACKET (M3, M7, M10)
251	0121P00091NG		PANEL-AUXILIARY (M6, M8, M9)
301	PCBEP101		VARIABLE SPEED TERMINAL BOARD (M1, M2, M4, M5, M6, M7, M8, M9, M10, M11, M12)
NS	0130P00133		HUMIDITY SENSOR (M3, M7, M10)

Expanded Model Nomenclature

M1 - PTC153G00RXXXCA
M2 - PTC153G25CXXXCA
M3 - PTC153G25DXXXCA
M4 - PTC153G25RXXXCA
M5 - PTC153G35AXXXCA
M6 - PTC153G35CQXXXCA
M7 - PTC153G35DXXXCA
M8 - PTC153G35QRXXXCA
M9 - PTC153G35QXXXCA
M10 - PTC153G35RVXXXCA
M11 - PTC153G35RXXXCA
M12 - PTC153G50AXXXCA

Base Pan Assembly

BASE PAN ASSEMBLY



Base Pan Assembly

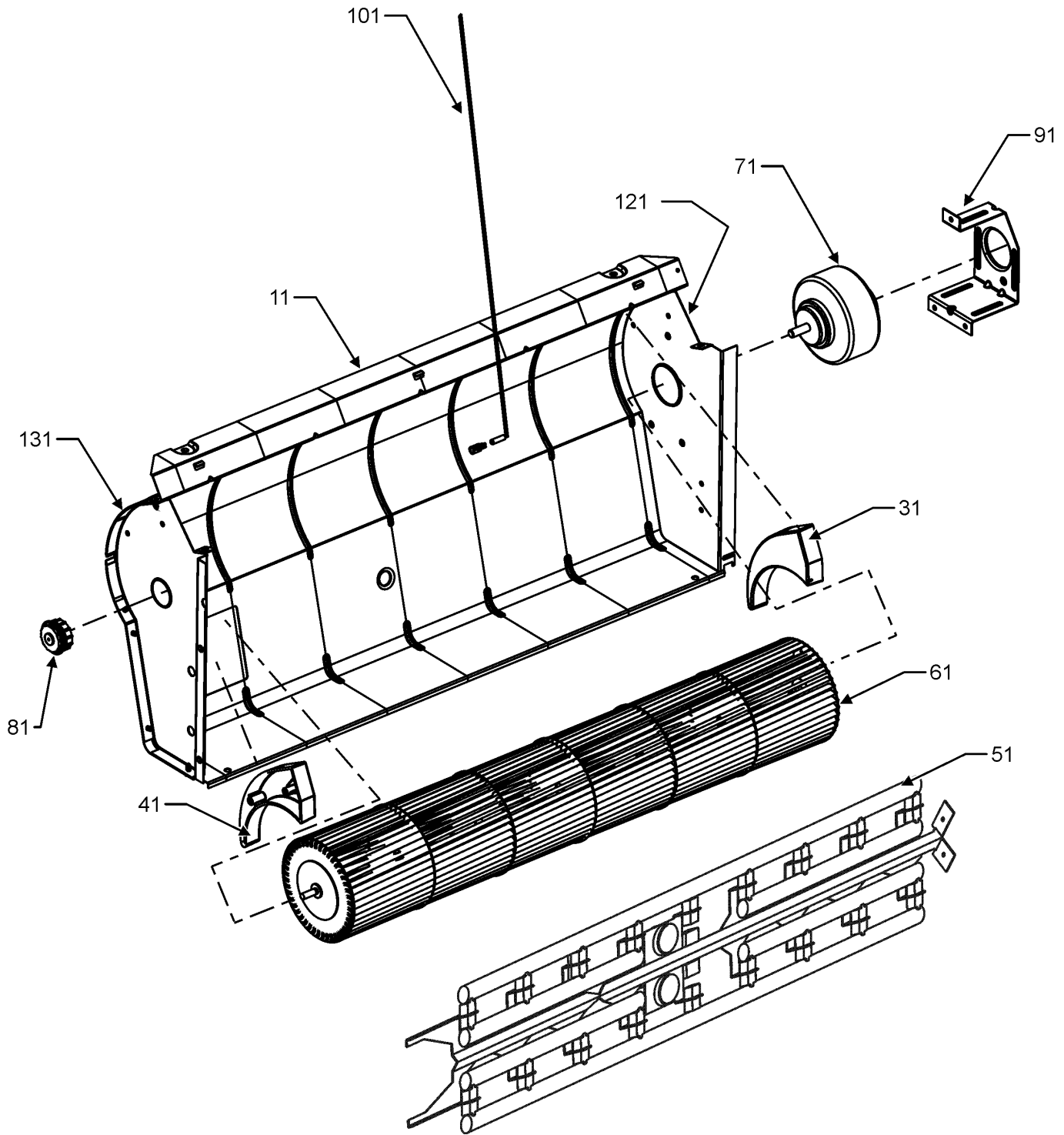
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0121P00175DG		BASEPAN (M1, M3, M4, M5, M7, M8, M9, M10, M11, M12)
11	0121P00175NG		BASEPAN (M2, M6)
21	0161P00044		PLASTIC-DRAIN PAN
61	20403301		MID PARTITION PANEL
71	0121P00063NG		TOP, PARTITION PANEL
81	0121P00197		SEAL-L SIDE PTC
91	0121P00198		SEAL-R SIDE PTC
101	0121P00071		BRACE, TIE (M1, M3, M4, M5, M7, M8, M9, M10, M11, M12)
111	0121P00070DG		COVER, MOTOR
121	0121P00280		COVER-CONTROL PANEL
131	RSKP0015		CONTROL PANEL COVER AND MEMBRANE
141	0161P00016		PLASTIC-HOOD (M1, M2, M3, M4, M5, M7, M10, M11, M12)
151	20410801		ACCESS COVER
161	0121P00061DG		CUTOFF-SCROLL DG
251	0130P00112		CORD,250VAC, 15A (LCD) (M1, M2, M3, M4)
251	0130P00115		CORD,250VAC, 20A (LCD) (M5, M6, M7, M8, M9, M10, M11)
251	0130P00118		CORD,250VAC, 30A (LCD) (M12)
NS	0130P00109		MEMBRANE (CONTROL)

Expanded Model Nomenclature

M1 - PTC153G00RXXXCA
M2 - PTC153G25CXXXCA
M3 - PTC153G25DXXXCA
M4 - PTC153G25RXXXCA
M5 - PTC153G35AXXXCA
M6 - PTC153G35CQXXXCA
M7 - PTC153G35DXXXCA
M8 - PTC153G35QRXXXCA
M9 - PTC153G35QXXXCA
M10 - PTC153G35RVXXCA
M11 - PTC153G35RXXXCA
M12 - PTC153G50AXXXCA

Indoor Blower Assembly

INDOOR BLOWER ASSEMBLY



Indoor Blower Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

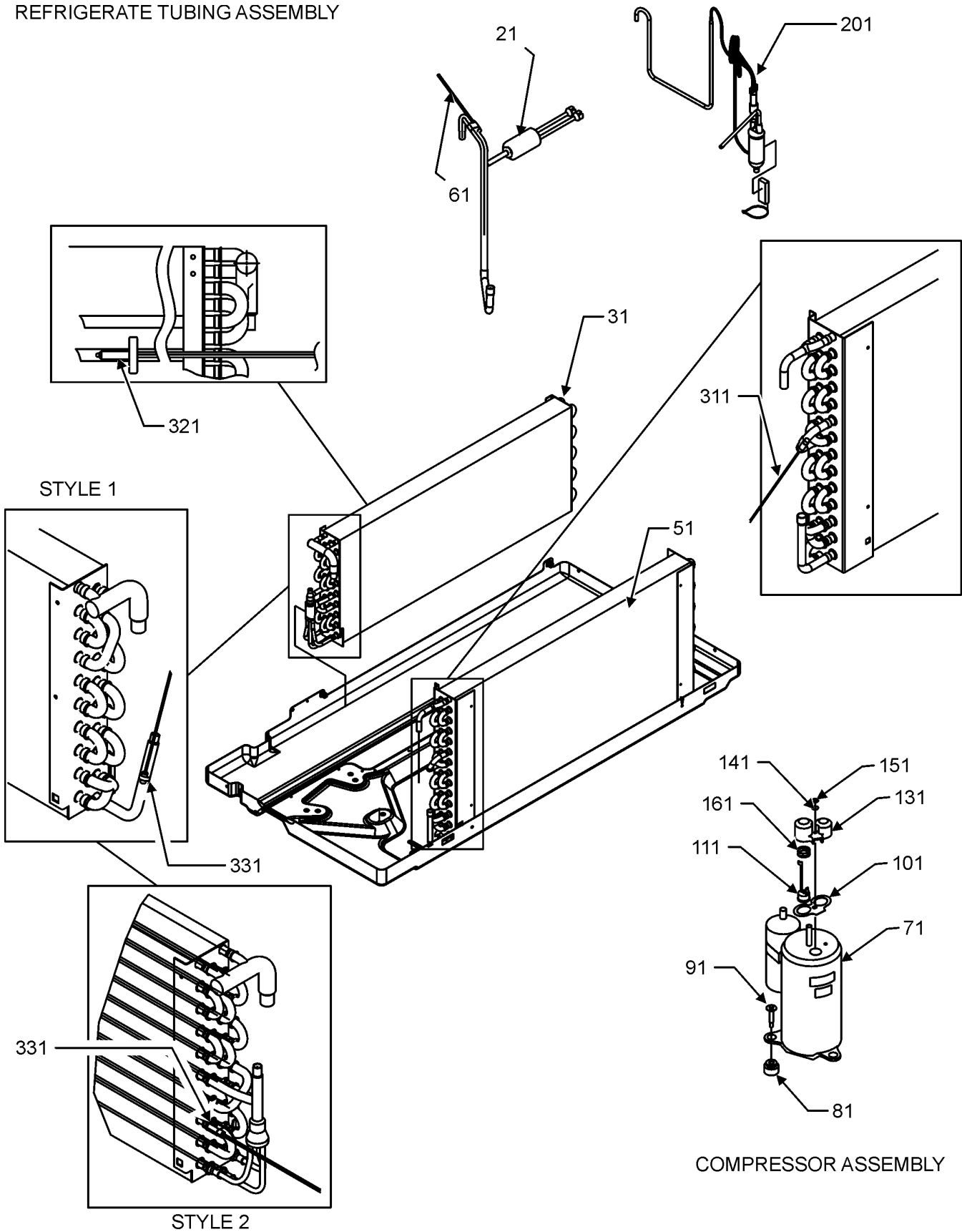
11	0121P00173DG	SCROLL
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00019	HEATER ASSY (M2, M3, M4)
51	0275P00038	HEATER ASSY (M5, M6, M7, M8, M9, M10, M11)
51	0275P00039	HEATER ASSY (M12)
61	0150P00005	WHEEL, BLOWER
71	0131P00055	FAN MOTOR, INDOOR
81	0163P00027	BEARING
91	0121P00048	BRACKET-MOTOR MOUNT
101	0130P00134	THERMISTOR - DISCHARGE
121	0121P00059DG	ENDPLATE-RH SCROLL
131	0121P00215DG	ENDPLATE- LH SCROLL

Expanded Model Nomenclature

M1 - PTC153G00RXXXCA
M2 - PTC153G25CXXXCA
M3 - PTC153G25DXXXCA
M4 - PTC153G25RXXXCA
M5 - PTC153G35AXXXCA
M6 - PTC153G35CQXXCA
M7 - PTC153G35DXXXCA
M8 - PTC153G35QRXXCA
M9 - PTC153G35QXXXCA
M10 - PTC153G35RVXXCA
M11 - PTC153G35RXXXCA
M12 - PTC153G50AXXXCA

Refrigerate Tubing Assembly

REFRIGERATE TUBING ASSEMBLY



Refrigerate Tubing Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
21	0130M00169		SWITCH, HIGH PRESS
31	0202P00067		EVAP ASSY, 3/8, 2 ROW
51	0201P00137NG		5MM COND ASSY PAINTED (M2, M6)
51	0201P00130		5MM CONDENSER COIL ASSY (M1, M3, M4, M5, M7, M8, M9, M10, M11, M12)
61	0130P00077		THERMISTOR (M1, M4, M8, M10, M11)
71	50A362QM-9GKG		COMPRESSOR, RECHI
81	60140209		GROMMET - RECHI COMPRESSOR (QTY 3)
91	M0253610		SHOULDER SCREW (QTY 3)
101	60100103		TERMINAL GASKET
111	60343546		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	0210P00203		CAPILLARY WELDMENT
311	0130P00094		THERMISTOR - OUTDOOR AMBIENT (M1, M4, M8, M10, M11)
321	0130P00141		THERMISTOR
331	0130P00084		THERMISTOR - INDOOR COIL

Expanded Model Nomenclature

M1 - PTC153G00RXXXCA
M2 - PTC153G25CXXXCA
M3 - PTC153G25DXXXCA
M4 - PTC153G25RXXXCA
M5 - PTC153G35AXXXCA
M6 - PTC153G35CQXXCA
M7 - PTC153G35DXXXCA
M8 - PTC153G35QRXXCA
M9 - PTC153G35QXXXCA
M10 - PTC153G35RVXXCA
M11 - PTC153G35RXXXCA
M12 - PTC153G50AXXXCA