

PTC093G Package Terminal Air Conditioner

PTC093G35RXXXDA
PTC093G35VXXXDA
PTC093G50AXXXDA
PTC093G50CXXXDA
PTC093G50DXXXDA
PTC093G50QXXXDA
PTC093G50RXXXDA
PTC093G50VXXXDA



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This manual is to be used by qualified technicians only.

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:**

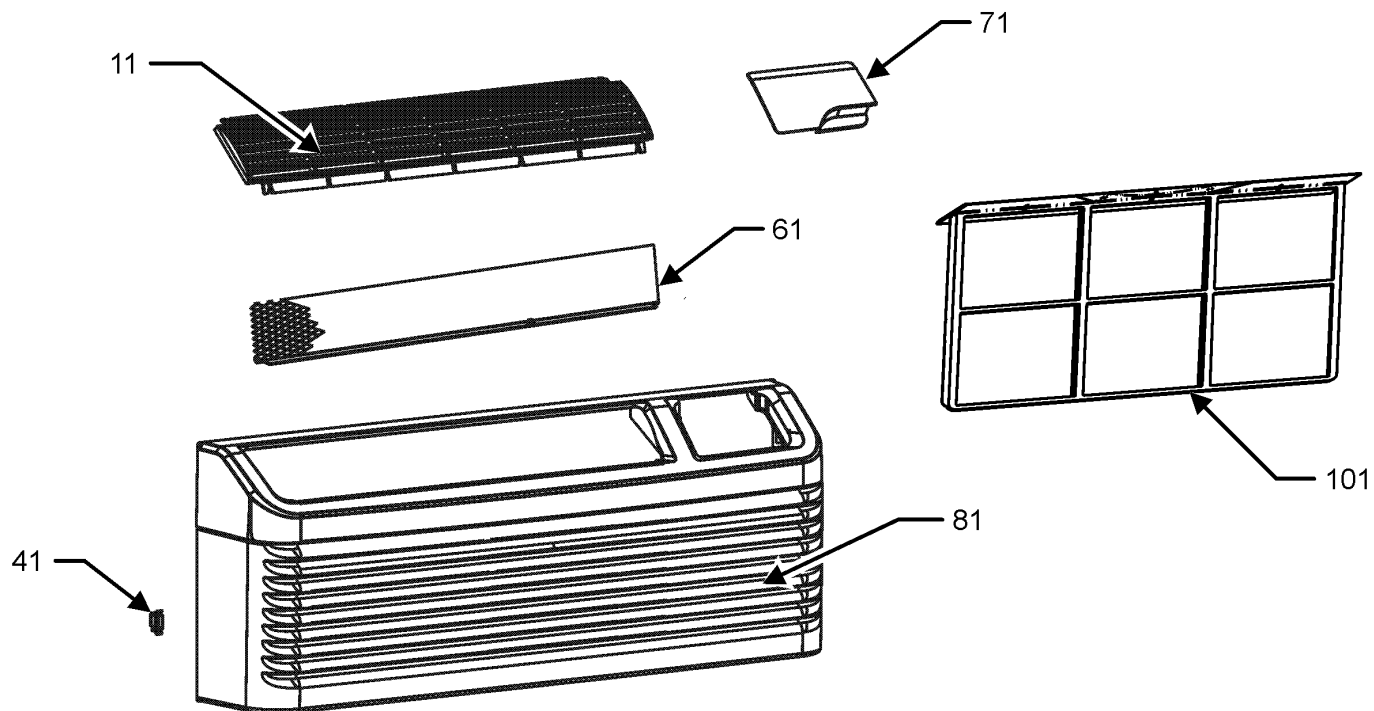
CAP020250450CS	CAPACITOR 2/25/450V/DUAL RD
CAP020000440RP	CAPACITOR 2/440V
39B202AD&0JKZ	COMPRESSOR, RECHI
RSKP0012	CONTROL BOARD M70
0130P00115	CORD,250VAC,20A (LCD) (M1, M2)
0130P00118	CORD,250VAC,30A (LCD) (M3, M4, M5, M6, M7, M8)
0131P00055	FAN MOTOR, INDOOR (M3, M4, M5, M6, M7, M8)
0131P00054	FAN MOTOR, INDOOR (M1, M2)
0131P00033	FAN MOTOR, OUTDOOR
0161P00055	FAN, CONDENSER
0275P00039	HEATER ASSY (M3, M4, M5, M6, M7, M8)
0275P00038	HEATER ASSY (M1, M2)
0130P00133	HUMIDITY SENSOR (M2, M5, M8)
RSKP0015	MEMBRANE KIT
60343638	OVERLOAD PROTECTOR-RECHI
0130M00169	SWITCH, HIGH PRESS
802007090	TERM BOARD
0130P00094	THERMISTOR (M1, M7)
0130P00077	THERMISTOR (M1, M7)
0130P00141	THERMISTOR
0130P00094	THERMISTOR (M1, M7)
0130P00134	THERMISTOR - DISCHARGE
0130P00084	THERMISTOR - INDOOR COIL
0130P00098	THERMISTOR - OUTDOOR AMBIENT (M1, M2, M5, M7, M8)
0130M00599	TRANS, 40VA, 240V/208V TO 24V (M2, M5, M8)
0130M00341	TRANSFORMER 20VA 230V

Expanded Model Nomenclature

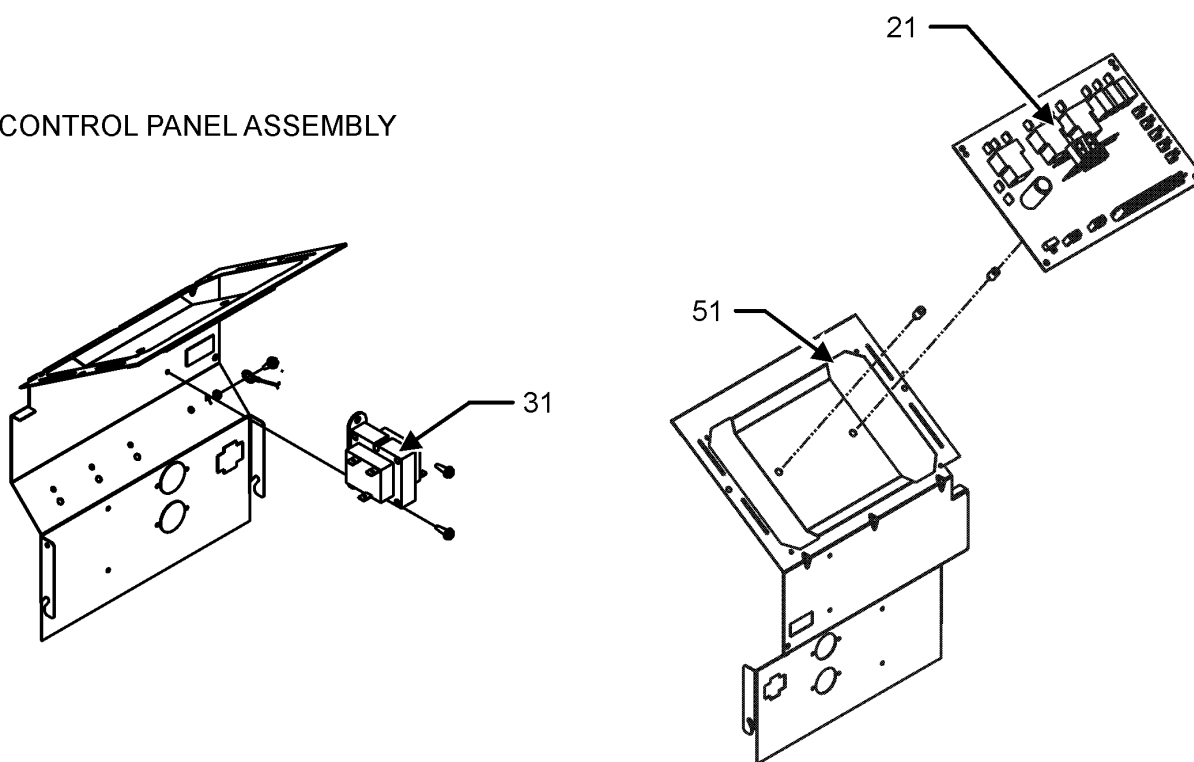
M1 - PTC093G35RXXXDA
M2 - PTC093G35VXXXDA
M3 - PTC093G50AXXXDA
M4 - PTC093G50CXXXDA
M5 - PTC093G50DXXXDA
M6 - PTC093G50QXXXDA
M7 - PTC093G50RXXXDA
M8 - PTC093G50VXXXDA

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:

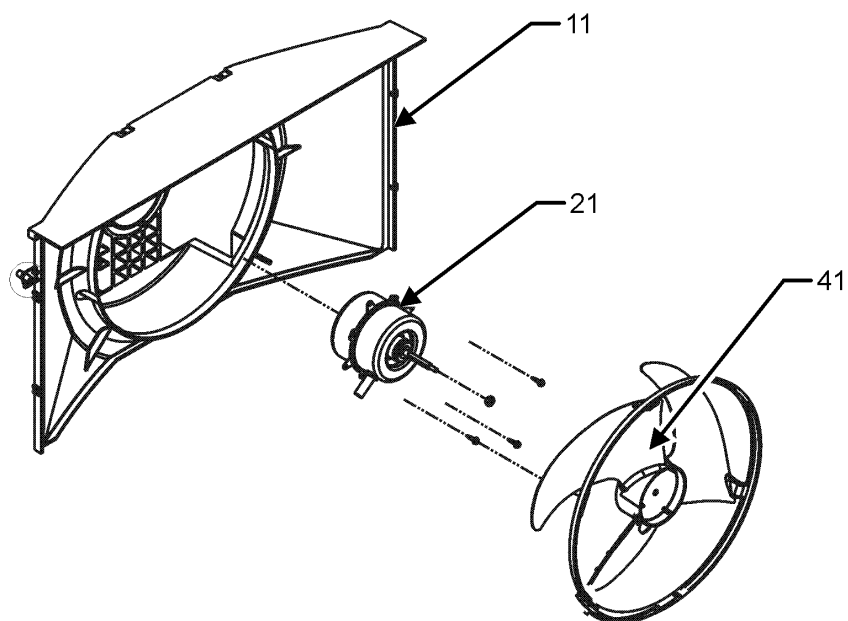
11	0161P00048	FRONT-DICHARGE LOUVERS
21	RSKP0012	CONTROL BOARD M70
31	0130M00341	TRANSFORMER 20VA 230V
41	0163P00025	CLIP (QTY 2)
51	0121P00130	PANEL, CONTROL
61	0121P00194BL	SCREEN, DISCHARGE, PAINTED
71	0261P00003	DOOR ASSY -AMANA-
81	0261P00011	FRONT ASSY
101	0161P00035	FILTER, RACK (QTY 2)
NS	0130P00104	ANTENNA (M1, M7)
NS	B1337701	PADDLE SWITCH (M2, M5, M8)
NS	0130P00094	THERMISTOR (M1, M7)
NS	0130M00599	TRANS, 40VA, 240V/208V TO 24V (M2, M5, M8)

Expanded Model Nomenclature

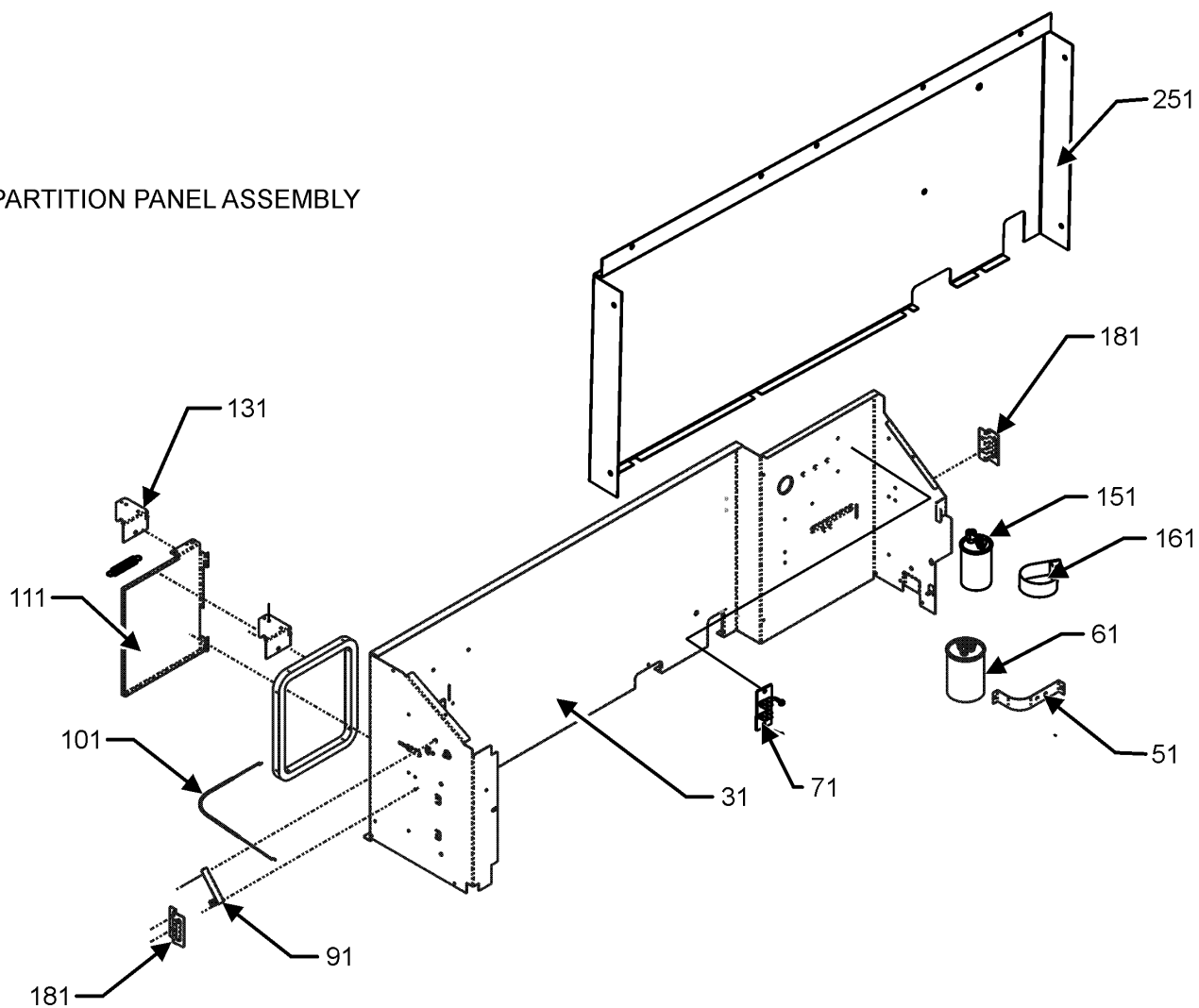
M1 - PTC093G35RXXXDA
M2 - PTC093G35VXXXDA
M3 - PTC093G50AXXXDA
M4 - PTC093G50CXXXDA
M5 - PTC093G50DXXXDA
M6 - PTC093G50QXXXDA
M7 - PTC093G50RXXXDA
M8 - PTC093G50VXXXDA

Outdoor Air System and Partition Panel

OUTDOOR AIR SYSTEM



PARTITION PANEL ASSEMBLY



Outdoor Air System and Partition Panel

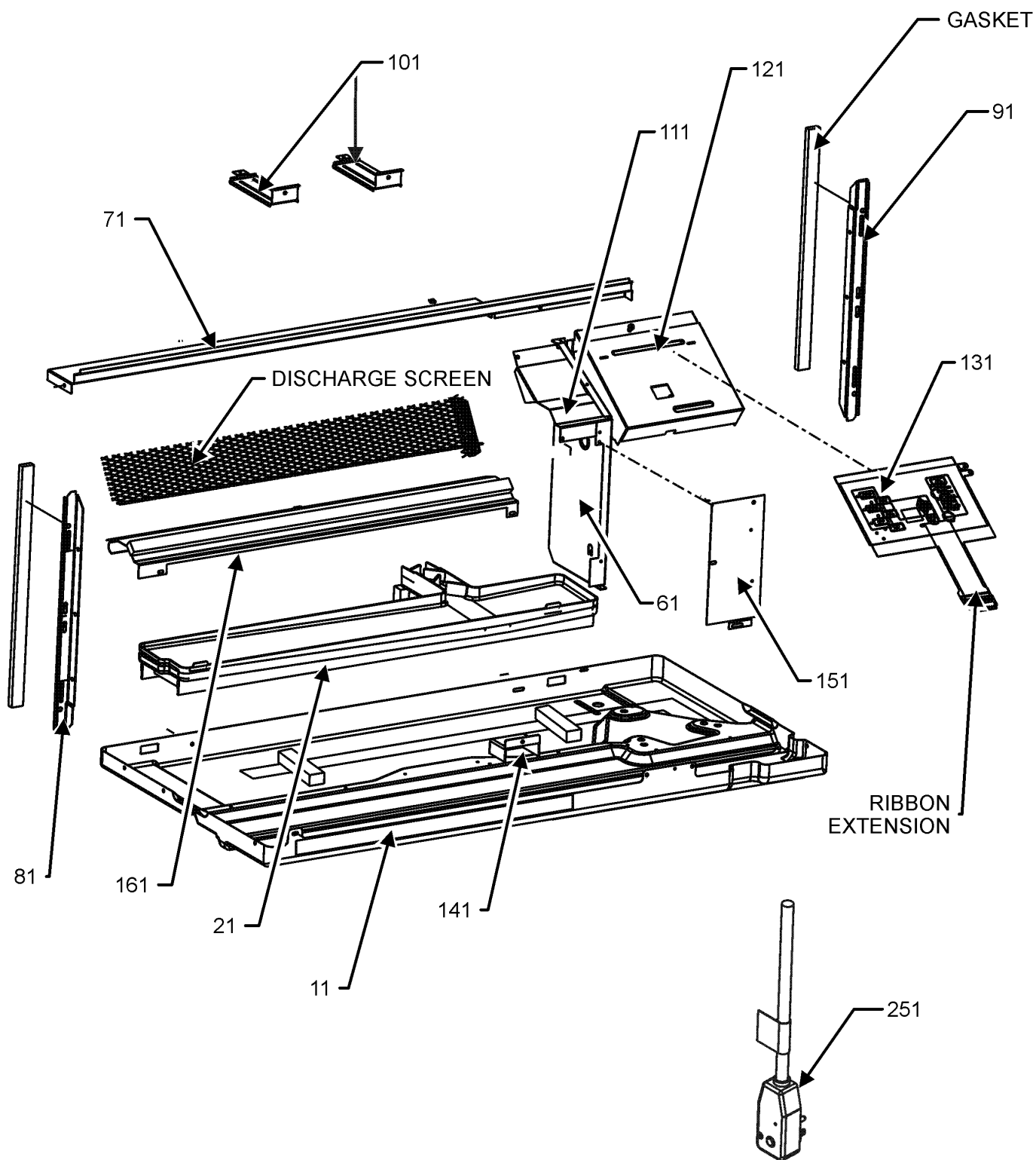
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0161P00053		SHROUD, CONDENSER
21	0131P00033		FAN MOTOR, OUTDOOR
31	0121P00093		PANEL-PARTITION (M6)
31	0121P00108NG		PANEL-PARTITION (M1, M2, M3, M4, M5, M7, M8)
41	0161P00055		FAN, CONDENSER
51	C6300502		CAPACITOR STRAP
61	CAP020250450C S		CAPACITOR 2/25/450V/DUAL RD
71	802007090		TERM BOARD
91	11046302		LEVER ARM (M1, M3, M4, M7)
101	0163P00019		CABLE (M1, M3, M4, M7)
111	0121P00177		DOOR-VENT PTC (M1, M2, M3, M5, M7, M8)
131	0121P00072		BRACKET, VENT DOOR-C (M1, M3, M7)
151	CAP020000440R P		CAPACITOR 2/440V
161	0163P00029		CAPACITOR CLAMP
181	11191703		PARTITION PANEL BRACKET (QTY 2)
251	0121P00160		PANEL-PARTITION (M1, M2, M3, M5, M6, M7, M8)
NS	0121P00079		BRACKET, VENT DOOR (M2, M5, M8)
NS	11166401		EXTENSION SPRING (M2, M5, M8)
NS	0130P00133		HUMIDITY SENSOR (M2, M5, M8)
NS	11166201		POWER VENT COVER BRACKET (M2, M5, M8)
NS	11166101		POWER VENT MOTOR BRACKET (M2, M5, M8)
NS	0130P00094		THERMISTOR (M1, M7)
NS	0130P00098		THERMISTOR - OUTDOOR AMBIENT (M1, M2, M5, M7, M8)

Expanded Model Nomenclature

M1 - PTC093G35RXXXDA
M2 - PTC093G35VXXXDA
M3 - PTC093G50AXXXDA
M4 - PTC093G50CXXXDA
M5 - PTC093G50DXXXDA
M6 - PTC093G50QXXXDA
M7 - PTC093G50RXXXDA
M8 - PTC093G50VXXXDA

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:

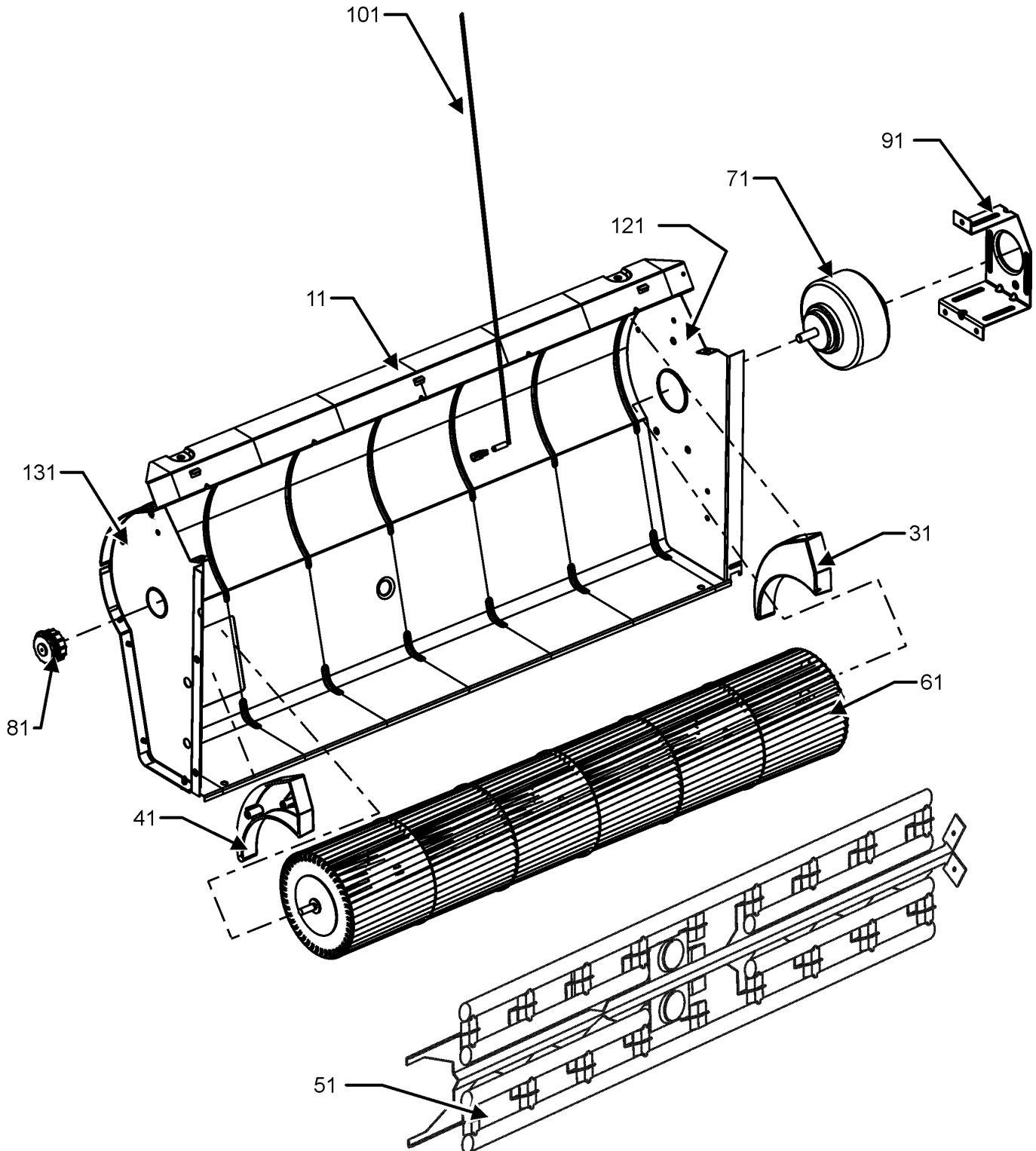
11	0121P00175DG	BASE PAN (M1, M2, M3, M5, M6, M7, M8)
21	0161P00044	PLASTIC-DRAIN PAN
61	20403301	MID PARTITION PANEL
71	0121P00063NG	TOP, PARTITION PANEL
81	0121P00197	SEAL-L SIDE PTC
91	0121P00198	SEAL-R SIDE PTC
101	0121P00071NG	BRACE, TIE (QTY 2)
111	0121P00070DG	COVER, MOTOR
121	0121P00280	COVER-CONTROL PANEL
131	RSKP0015	MEMBRANE KIT
141	0161P00016	PLASTIC-HOOD (M1, M2, M3, M4, M5, M7, M8)
151	20410801	ACCESS COVER
161	0121P00061DG	CUTOFF-SCROLL DG
251	0130P00115	CORD,250VAC,20A (LCD) (M1, M2)
251	0130P00118	CORD,250VAC,30A (LCD) (M3, M4, M5, M6, M7, M8)
NS	0130P00109	MEMBRANE (CONTROL)

Expanded Model Nomenclature

M1 - PTC093G35RXXXDA
M2 - PTC093G35VXXXDA
M3 - PTC093G50AXXXDA
M4 - PTC093G50CXXXDA
M5 - PTC093G50DXXXDA
M6 - PTC093G50QXXXDA
M7 - PTC093G50RXXXDA
M8 - PTC093G50VXXXDA

Indoor Blower Assembly

INDOOR BLOWER ASSEMBLY



Indoor Blower Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

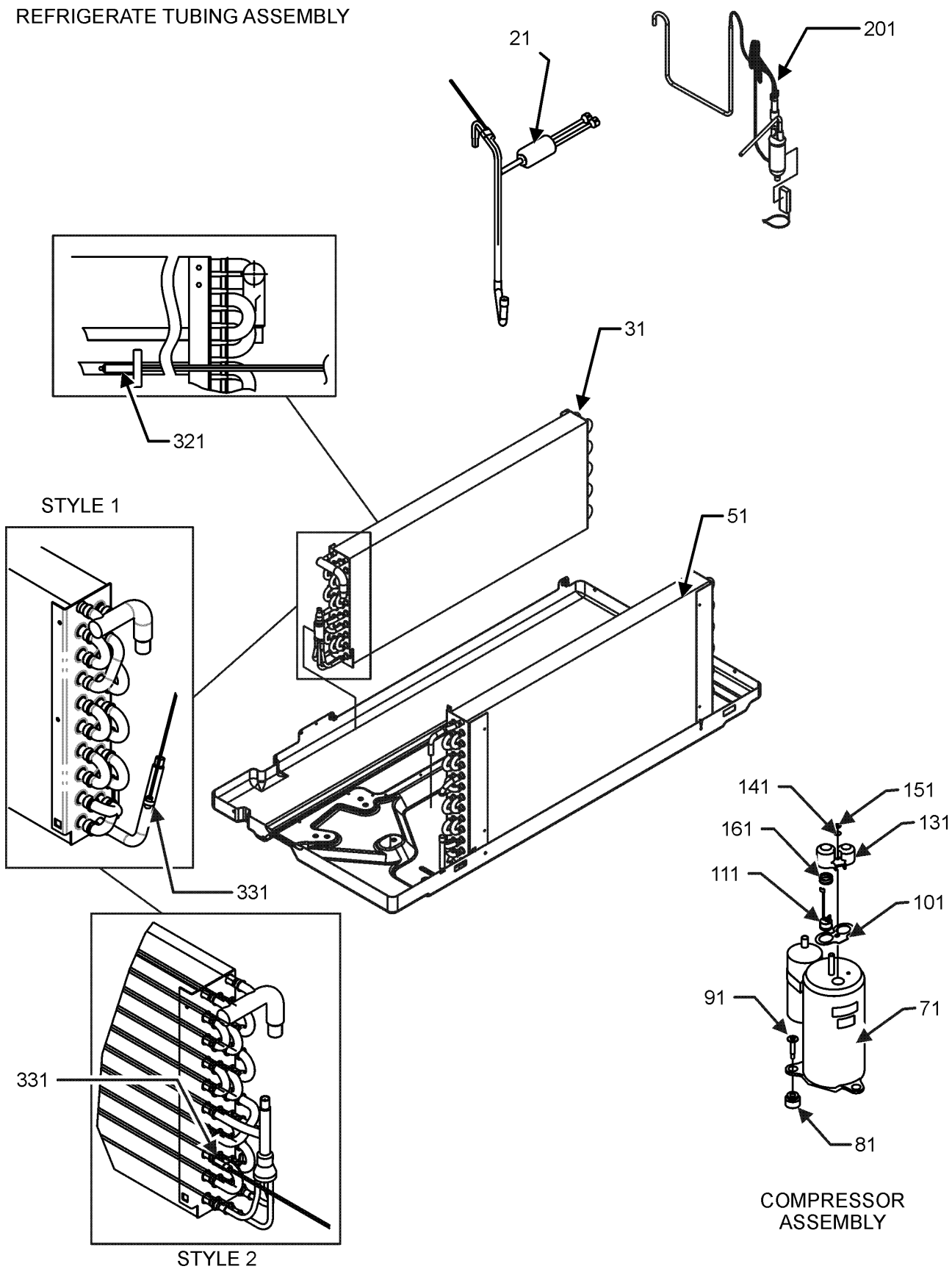
11	0121P00173DG	SCROLL
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00038	HEATER ASSY (M1, M2)
51	0275P00039	HEATER ASSY (M3, M4, M5, M6, M7, M8)
61	0150P00005	WHEEL, BLOWER
71	0131P00054	FAN MOTOR, INDOOR (M1, M2)
71	0131P00055	FAN MOTOR, INDOOR (M3, M4, M5, M6, M7, M8)
81	0163P00027	BEARING
91	0121P00048	BRACKET-MOTOR MOUNT
101	0130P00134	THERMISTOR - DISCHARGE
121	0121P00059DG	ENDPLATE-RH SCROLL
131	0121P00215DG	ENDPLATE- LH SCROLL

Expanded Model Nomenclature

M1 - PTC093G35RXXXDA
M2 - PTC093G35VXXXDA
M3 - PTC093G50AXXXDA
M4 - PTC093G50CXXXDA
M5 - PTC093G50DXXXDA
M6 - PTC093G50QXXXDA
M7 - PTC093G50RXXXDA
M8 - PTC093G50VXXXDA

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	0202P00067	EVAP ASSY, 3/8, 2 ROW
51	0201P00137NG	5MM COND ASSY PAINTED (M4)
51	0201P00130	5MM CONDENSER COIL ASSY (M1, M2, M3, M5, M6, M7, M8)
71	39B202AD&0JKZ	COMPRESSOR, RECHI
81	60130203	GROMMET - RECHI COMPRESSOR (QTY 3)
91	0163M00079	SCREW, SHOULDER (QTY 3)
101	60100103	TERMINAL GASKET
111	60343638	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	0210P00391	CAPILLARY WELDMENT
321	0130P00141	THERMISTOR
331	0130P00084	THERMISTOR - INDOOR COIL
NS	0130P00077	THERMISTOR (M1, M7)

Expanded Model Nomenclature

M1 - PTC093G35RXXXDA
 M2 - PTC093G35VXXXDA
 M3 - PTC093G50AXXXDA
 M4 - PTC093G50CXXXDA
 M5 - PTC093G50DXXXDA
 M6 - PTC093G50QXXXDA
 M7 - PTC093G50RXXXDA
 M8 - PTC093G50VXXXDA