

PTH093G Package Terminal Heat Pump

PTH093G15CDXXCA
PTH093G25AXXXCA
PTH093G25RXXXCA
PTH093G35CXXXCA
PTH093G35LRVXCA
PTH093G35LRXXCA
PTH093G35QXXXCA



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-A5049B.

© 2018 - 2019 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:

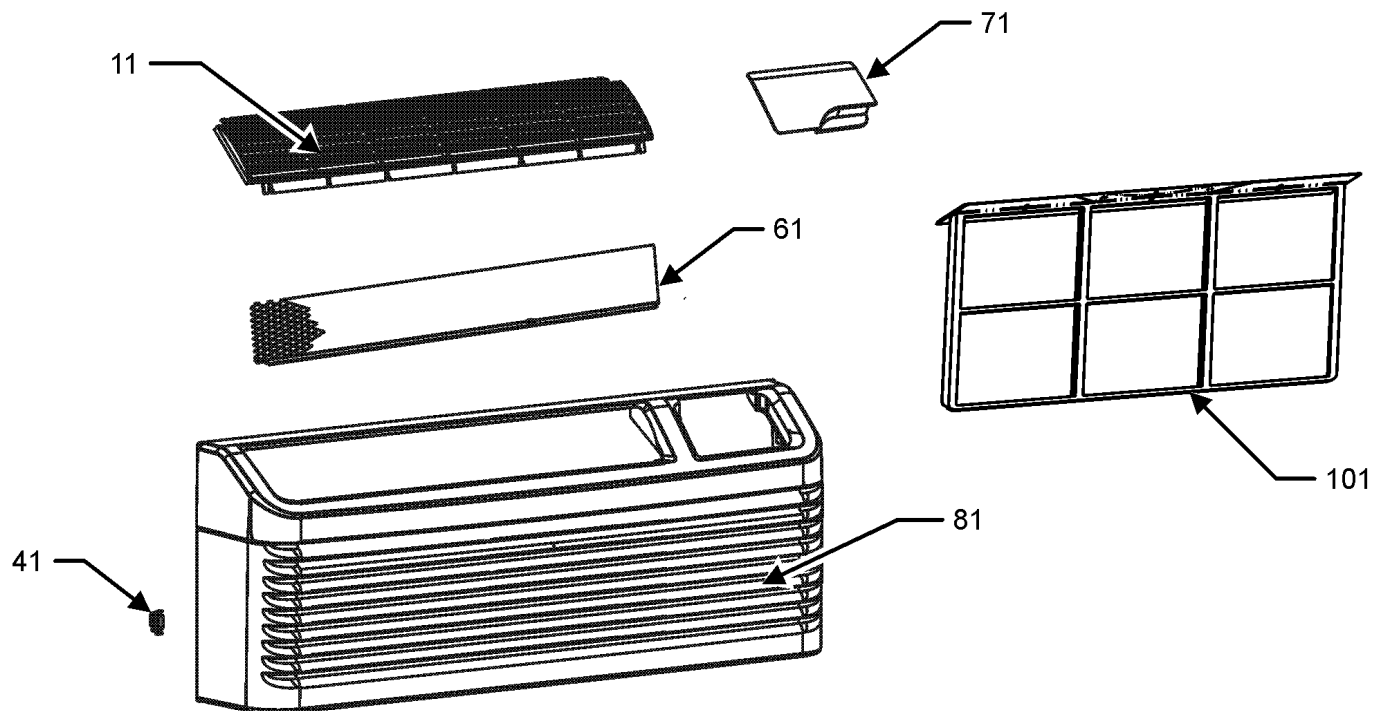
20406303	BASE PAN VALVE
CAP020250450CS	CAPACITOR 2/25/450V/DUAL RD
CAP020000440RP	CAPACITOR 2/440V
39B202AD&0JKZ	COMPRESSOR, RECHI
RSKP0012	CONTROL BOARD M70
RSKP0015	CONTROL PANEL COVER AND MEMBRANE
0130P00112	CORD,250VAC,15A (LCD) (M1, M2, M3)
0130P00115	CORD,250VAC,20A (LCD) (M4, M5, M6, M7)
0131P00035	FAN MOTOR, INDOOR
0131P00033	FAN MOTOR, OUTDOOR
0161P00055	FAN, CONDENSER
0275P00038	HEATER ASSY (M4, M5, M6, M7)
0275P00019	HEATER ASSY (M2, M3)
0130P00133	HUMIDITY SENSOR (M1, M5)
60343638	OVERLOAD PROTECTOR
PCBCP147	PCB, CONTROL, D70 (M1, M5)
0130P00137	POWER VENT MOTOR (M1, M5)
0151P00009	PTAC REVERSING VALVE ASSY
0130P00022	REVERSING VALVE COIL
0130M00169	SWITCH, HIGH PRESS
802007090	TERMINAL BOARD
0130P00130	THERMISTOR
0130P00142	THERMISTOR
0130P00144	THERMISTOR
0130P00134	THERMISTOR - DISCHARGE
0130P00077	THERMISTOR - INDOOR (M3, M5, M6)
0130P00098	THERMISTOR - OUTDOOR AMBIENT (M3, M5, M6)
0130M00599	TRANS, 40VA, 240V/208V TO 24V (M5, M6)
0130M00599	TRANS, 40VA, 240V/208V TO 24V (M1)
0130M00341	TRANSFORMER 20VA 230V (M1, M2, M3, M4, M7)
0150P00005	WHEEL, BLOWER

Expanded Model Nomenclature

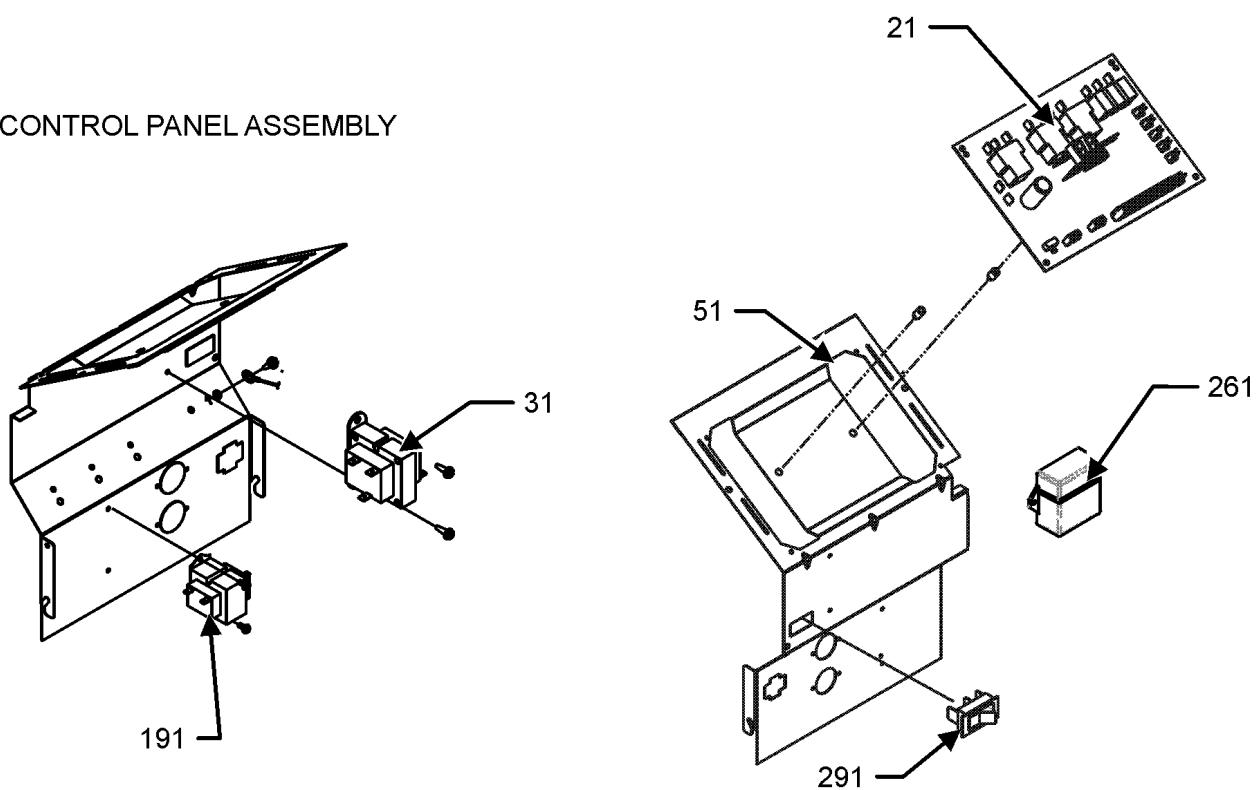
M1 - PTH093G15CDXXCA M2 - PTH093G25AXXXCA M3 - PTH093G25RXXXCA M4 - PTH093G35CXXXCA M5 - PTH093G35LRVXCA M6 - PTH093G35LRXXCA M7 - PTH093G35QXXXCA
--

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:

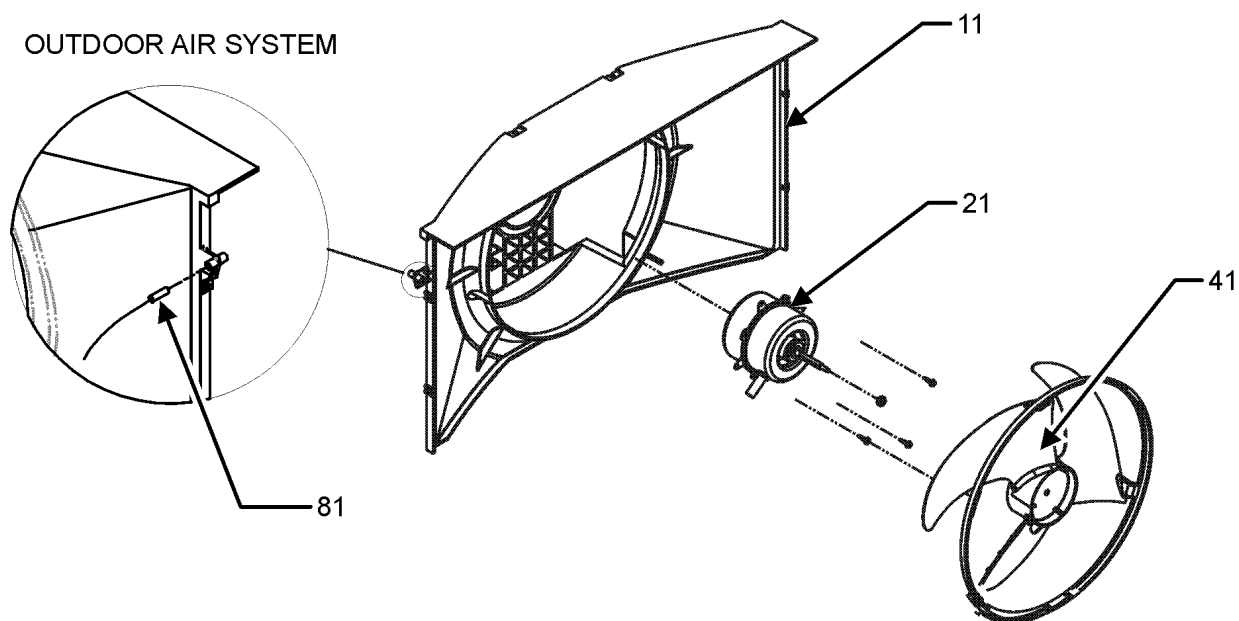
11	0161P00048	FRONT, LOUVERS DISCHARGE
21	RSKP0012	CONTROL BOARD M70
31	0130M00599	TRANS, 40VA, 240V/208V TO 24V (M5, M6)
31	0130M00341	TRANSFORMER 20VA 230V (M1, M2, M3, M4, M7)
41	0163P00025	CLIP (QTY 2)
51	0121P00130	PANEL, CONTROL
61	0121P00194BL	SCREEN, DISCHARGE, PAINTED
71	0261P00003	DOOR ASSY -AMANA-
81	0261P00011	FRONT ASSY
101	0161P00035	FILTER, RACK (QTY 2)
191	0130M00599	TRANS, 40VA, 240V/208V TO 24V (M1)
261	0130P00104	ANTENNA (M3, M5, M6)
291	B1337701	PADDLE SWITCH (M1, M5)
NS	PCBCP147	PCB, CONTROL, D70 (M1, M5)
NS	0259P00015	WIRE HARNESS (M1, M5, M6)
NS	0259P00016	WIRE HARNESS (M1, M5)

Expanded Model Nomenclature

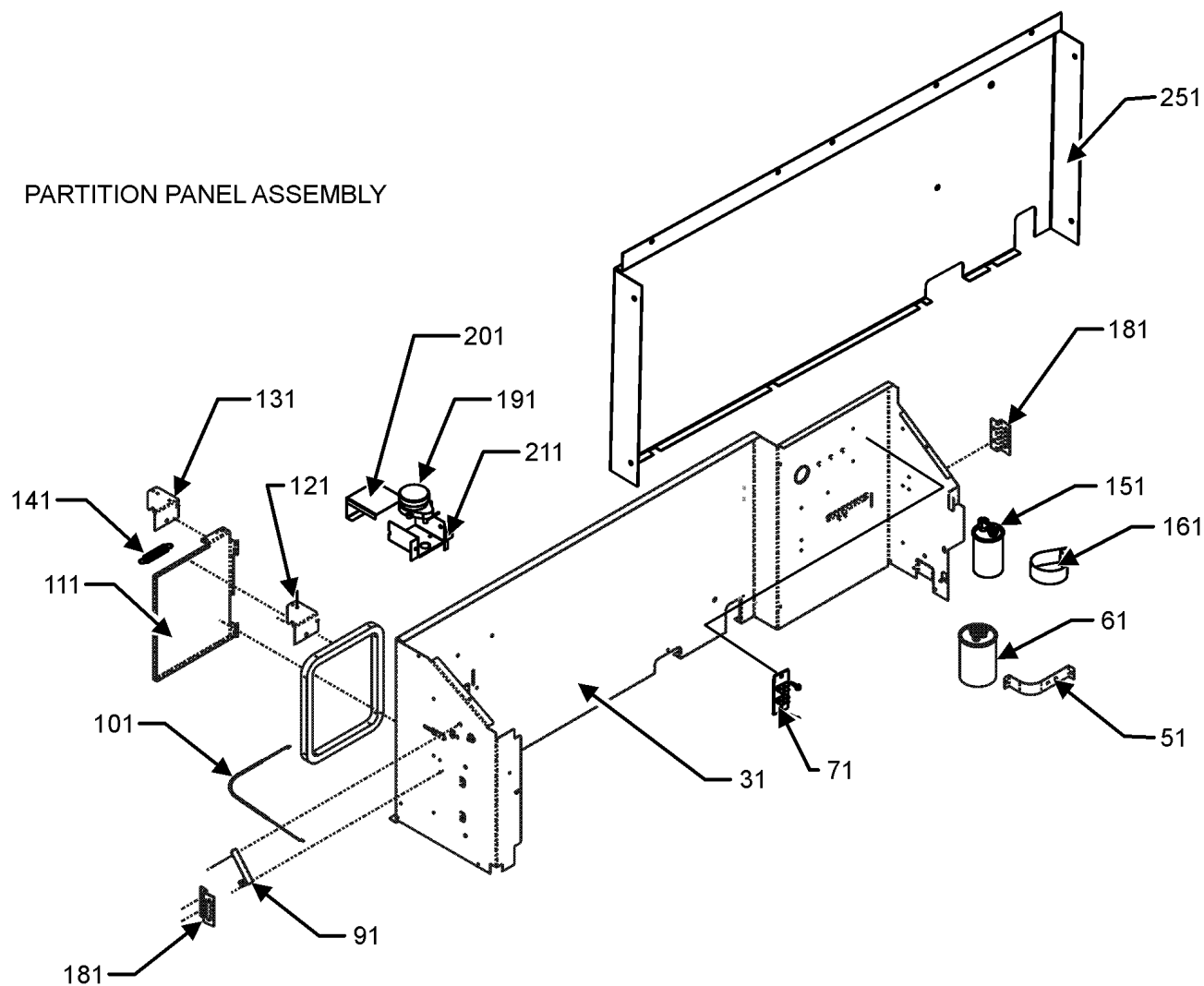
M1 - PTH093G15CDXXCA
M2 - PTH093G25AXXXCA
M3 - PTH093G25RXXXCA
M4 - PTH093G35CXXXCA
M5 - PTH093G35LRVXCA
M6 - PTH093G35LRXXCA
M7 - PTH093G35QXXXCA

Outdoor Air System and Partition Panel

OUTDOOR AIR SYSTEM



PARTITION PANEL ASSEMBLY



Outdoor Air System and Partition Panel

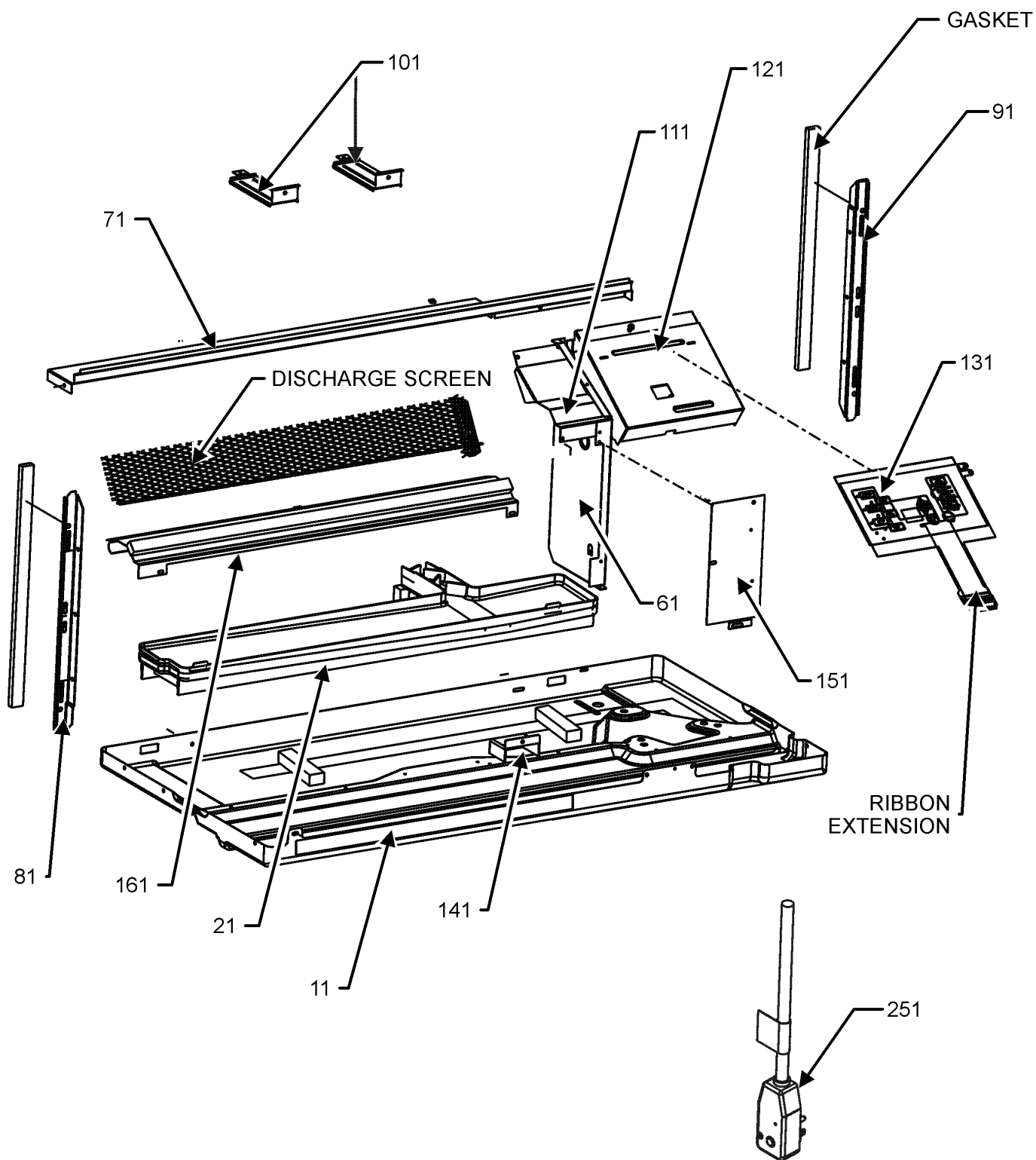
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0161P00053		SHROUD, CONDENSER
21	0131P00033		FAN MOTOR, OUTDOOR
31	0121P00093		PANEL-PARTITION (M7)
31	0121P00108NG		PANEL-PARTITION (M1, M2, M3, M4, M5, M6)
41	0161P00055		FAN, CONDENSER
51	C6300502		CAPACITOR STRAP
61	CAP020250450CS		CAPACITOR 2/25/450V/DUAL RD
71	802007090		TERMINAL BOARD
81	0130P00098		THERMISTOR - OUTDOOR AMBIENT (M3, M5, M6)
91	11046302		LEVER ARM (M2, M3, M4, M6)
101	0163P00019		CABLE (M2, M3, M4, M6)
111	0121P00177NG		DOOR - PNT VENT PTC (M1, M4)
121	0121P00079		BRACKET, VENT DOOR (M1, M5)
131	0121P00072NG		BRACKET, VENT DOOR-C (M4)
141	11166401		EXTENSION SPRING (M1, M5)
151	CAP020000440RP		CAPACITOR 2/440V
161	0163P00029		CAPACITOR CLAMP
181	11191703		PARTITION PANEL BRACKET (QTY 2)
191	0130P00137		POWER VENT MOTOR (M1, M5)
201	11166201		POWER VENT COVER BRACKET (M1, M5)
211	11166101		POWER VENT MOTOR BRACKET (M1, M5)
251	0121P00091		PANEL-AUXILLIARY (M7)
NS	0130P00133		HUMIDITY SENSOR (M1, M5)

Expanded Model Nomenclature

M1 - PTH093G15CDXXCA
M2 - PTH093G25AXXXCA
M3 - PTH093G25RXXXCA
M4 - PTH093G35CXXXCA
M5 - PTH093G35LRVXCA
M6 - PTH093G35LRXXCA
M7 - PTH093G35QXXXCA

Base Pan Assembly

BASE PAN ASSEMBLY



Base Pan Assembly

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

Image 1:

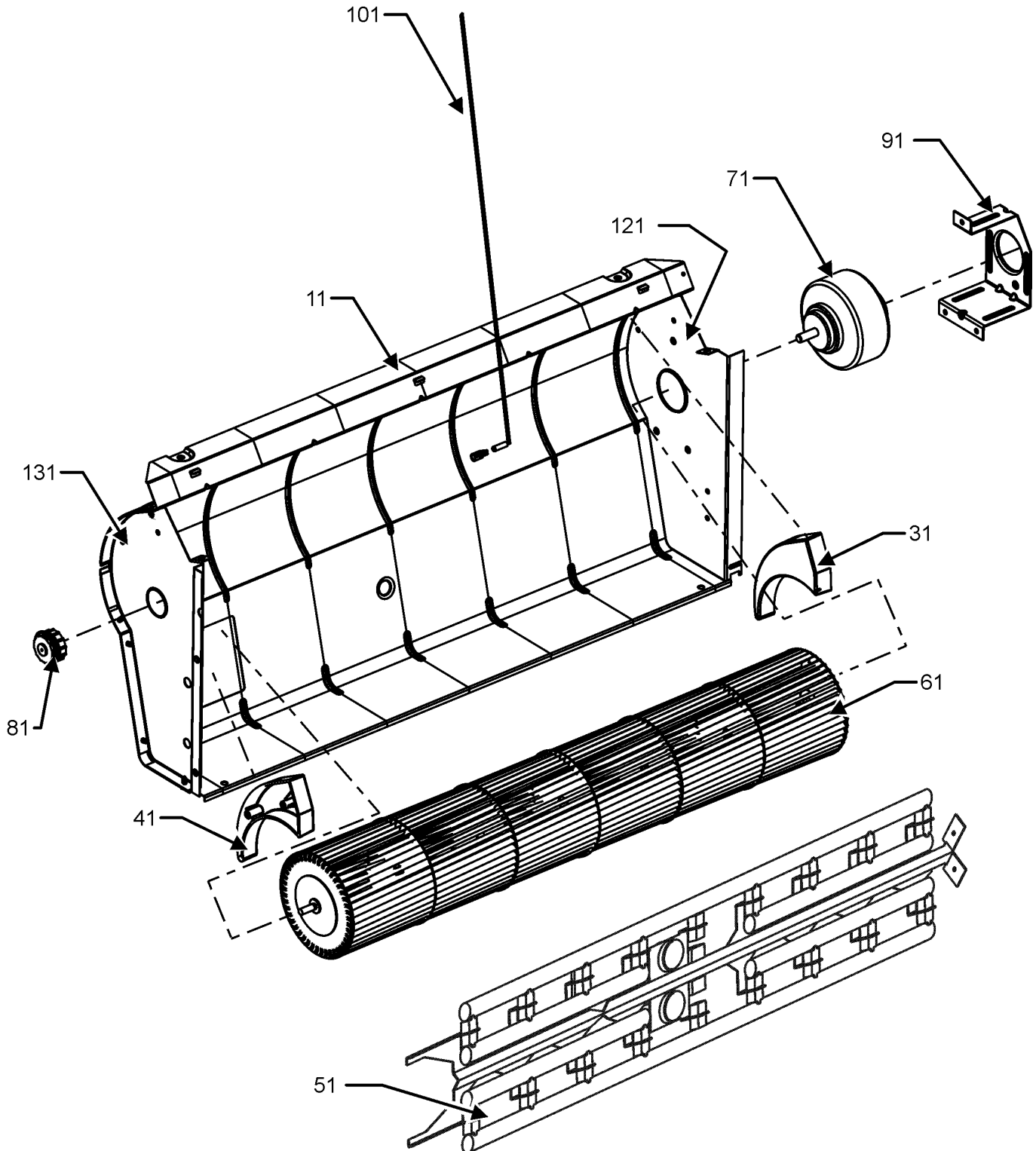
11	0121P00175DG	BASEPAN (M2, M3, M5, M6, M7)
11	0121P00175NG	BASEPAN (M1, M4)
21	0161P00044	PLASTIC-DRAIN PAN
61	20403301	MID PARTITION PANEL
71	0121P00063NG	TOP, PARTITION PANEL
81	0121P00197	SEAL-L SIDE PTC
91	0121P00198	SEAL-R SIDE PTC
101	0121P00071NG	BRACE, TIE (QTY 2)
111	0121P00070DG	COVER, MOTOR
121	0121P00129	COVER-CONTROL PANEL
131	RSKP0015	CONTROL PANEL COVER AND MEMBRANE
141	0161P00016	PLASTIC-HOOD (M1, M2, M3, M4, M5, M6)
151	20410801	ACCESS COVER
161	0121P00061DG	CUTOFF-SCROLL DG
251	0130P00112	CORD,250VAC, 15A (LCD) (M1, M2, M3)
251	0130P00115	CORD,250VAC, 20A (LCD) (M4, M5, M6, M7)
NS	0130P00109	MEMBRANE (CONTROL)

Expanded Model Nomenclature

M1 - PTH093G15CDXXCA
M2 - PTH093G25AXXXCA
M3 - PTH093G25RXXXCA
M4 - PTH093G35CXXXCA
M5 - PTH093G35LRVXCA
M6 - PTH093G35LRXXCA
M7 - PTH093G35QXXXCA

Indoor Blower Assembly

INDOOR BLOWER ASSEMBLY



Indoor Blower Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

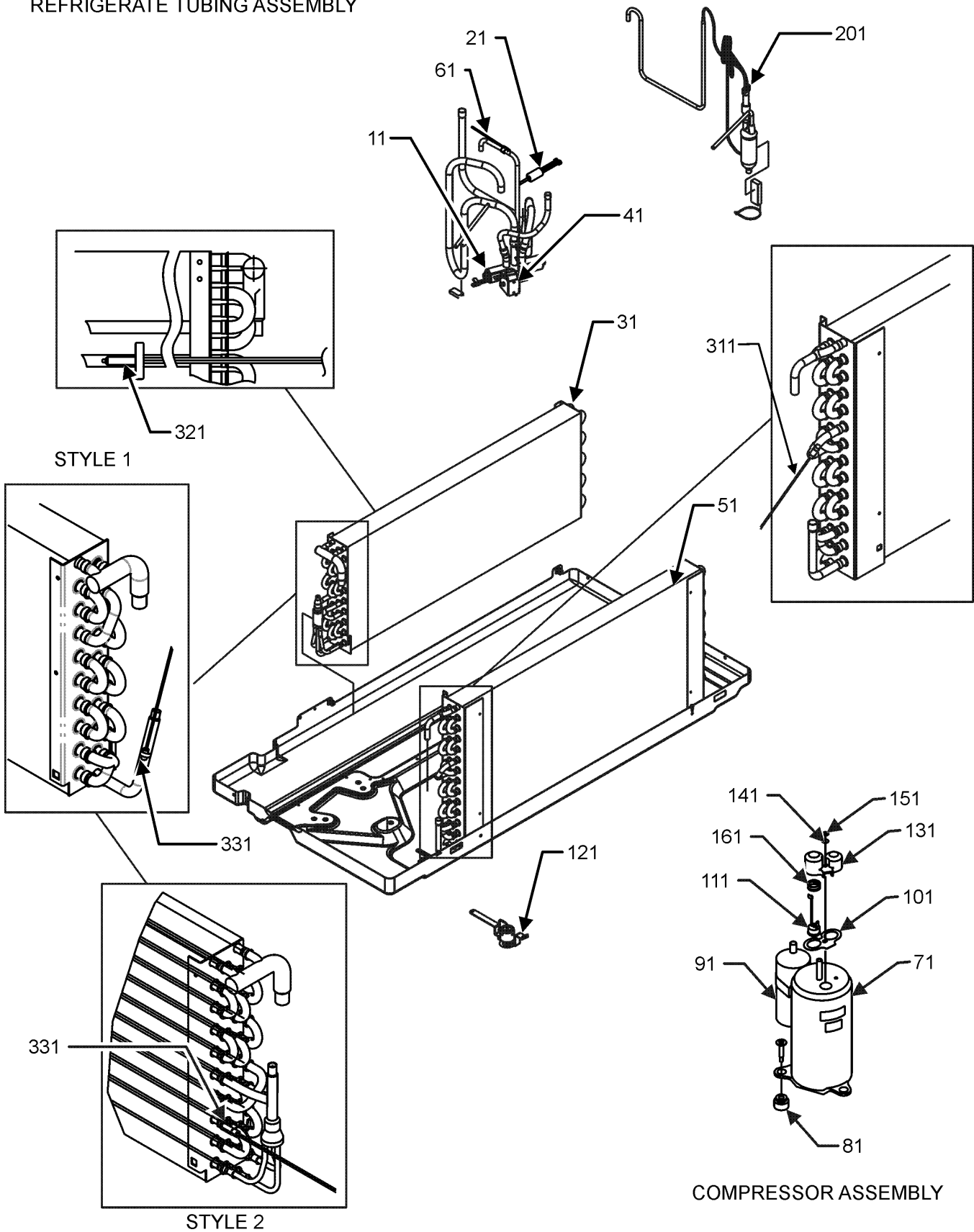
11	0121P00173DG	SCROLL
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00019	HEATER ASSY (M2, M3)
51	0275P00038	HEATER ASSY (M4, M5, M6, M7)
61	0150P00005	WHEEL, BLOWER
71	0131P00035	FAN MOTOR, INDOOR
81	0163P00027	BEARING
91	0121P00048	BRACKET-MOTOR MOUNT
101	0130P00134	THERMISTOR - DISCHARGE
121	0121P00059DG	ENDPLATE-RH SCROLL
131	0121P00215DG	ENDPLATE-LH SCROLL

Expanded Model Nomenclature

M1 - PTH093G15CDXXCA
M2 - PTH093G25AXXXCA
M3 - PTH093G25RXXCA
M4 - PTH093G35CXXCA
M5 - PTH093G35LRVXCA
M6 - PTH093G35LRXXCA
M7 - PTH093G35QXXCA

Refrigerate Tube Assembly

REFRIGERATE TUBING ASSEMBLY



Refrigerate Tube Assembly

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

Image 1:

11	0151P00009	PTAC REVERSING VALVE ASSY
21	0130M00169	SWITCH, HIGH PRESS
31	0202P00065	EVAP ASSY, 5/16, 3 ROW
41	0130P00022	REVERSING VALVE COIL
51	0201P00098	7 MM CONDENSER ASSEMBLY (M2, M3, M5, M6, M7)
51	0201P00104NG	7MM CONDENSER ASSEMBLY PAINTED (M1, M4)
61	0130P00077	THERMISTOR - INDOOR (M3, M5, M6)
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
121	20406303	BASE PAN VALVE
131	60100314	TERMINAL COVER - RECHI COMP
141	60100201	WASHER - RECHI COMPRESSOR
151	60100401	TERMINAL NUT - RECHI COMP
161	60500101	OLP SPRING - RECHI COMPRESSOR
201	0210P00250	CAPILLARY WELDMENT
311	0130P00130	THERMISTOR
321	0130P00142	THERMISTOR
331	0130P00144	THERMISTOR

Expanded Model Nomenclature

M1 - PTH093G15CDXXCA
M2 - PTH093G25AXXXCA
M3 - PTH093G25RXXXCA
M4 - PTH093G35CXXXCA
M5 - PTH093G35LRVXCA
M6 - PTH093G35LRXXCA
M7 - PTH093G35QXXXCA