

PMH093G Package Terminal Heat Pump

PMH093G25AXXXDA
PMH093G25AXXXEA
PMH093G25CXXXDA
PMH093G25ERXXDA
PMH093G25ERXXEA
PMH093G25EXXXDA
PMH093G25EXXXEA
PMH093G25RXXXDA
PMH093G35AXXXDA
PMH093G35AXXXEA
PMH093G35CXXXDA
PMH093G35CXXXEA
PMH093G35ERXXDA
PMH093G35ERXXEA
PMH093G35EXXXDA
PMH093G35EXXXEA
PMH093G35LRXXDA
PMH093G35LRXXEA
PMH093G50ERXXDA
PMH093G50ERXXEA
PMH093G50EXXXDA
PMH093G50EXXXEA



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This manual is to be used by qualified technicians only.

This manual replaces RP-A5082B.

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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

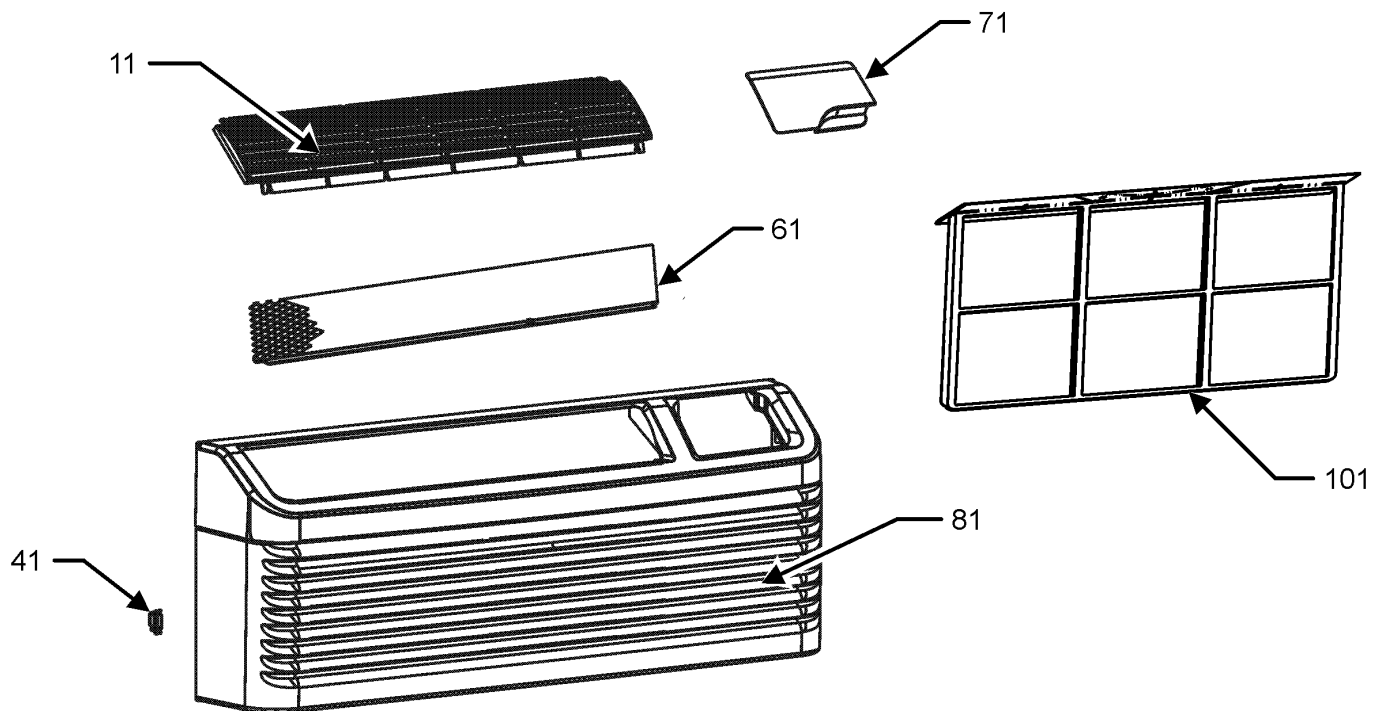
Part

No: Description:

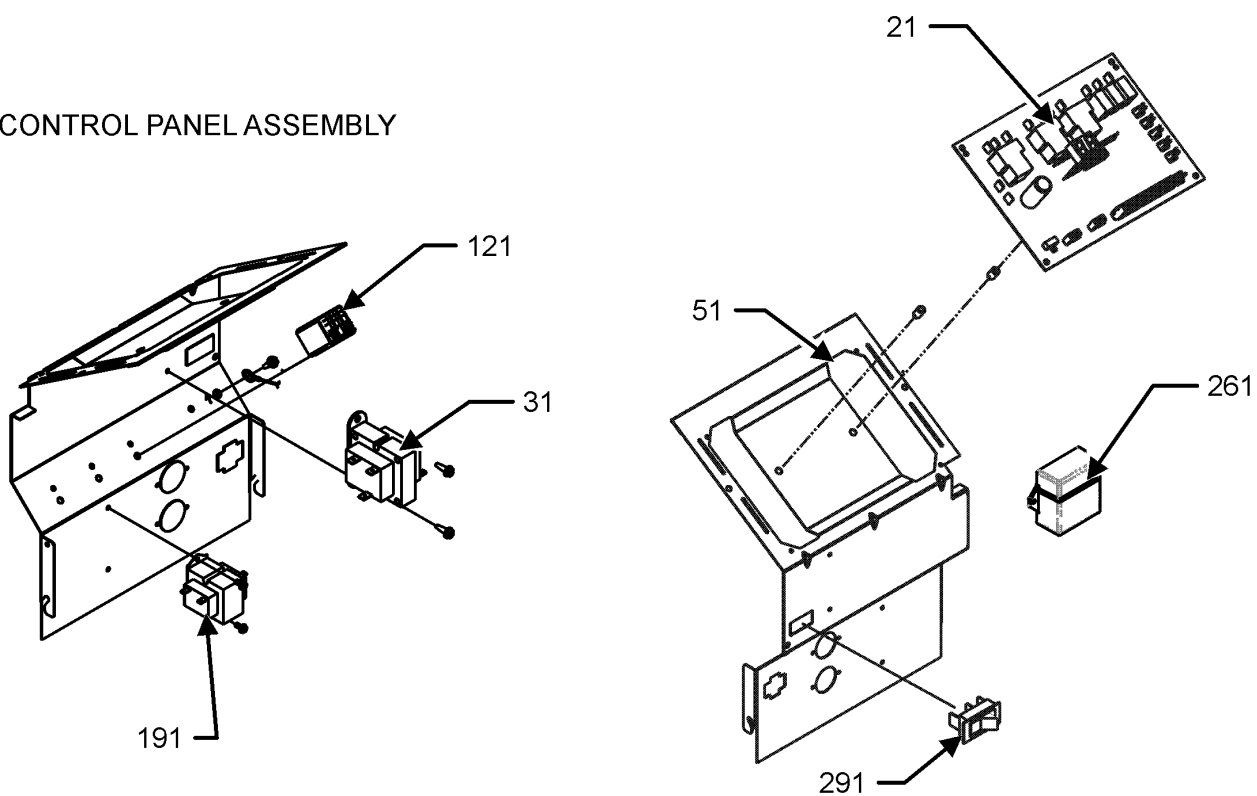
		Expanded Model Nomenclature
20406303	BASE PAN VALVE	M1 - PMH093G25AXXXDA
CAP065000440RP	CAPACITOR	M2 - PMH093G25AXXXEA
CAP065000440RP	CAPACITOR	M3 - PMH093G25CXXXDA
CAP020250450CS	CAPACITOR 2/25/450V/DUAL RD	M4 - PMH093G25ERXXDA
BSA357CN	COMPRESSOR, HITACHI 1 HP	M5 - PMH093G25ERXXEA
39B202AD&0JKZ	COMPRESSOR, RECHI	M6 - PMH093G25EXXXDA
RSKP0014	CONTROL BOARD KIT	M7 - PMH093G25EXXXEA
RSKP0012	CONTROL BOARD M70	M8 - PMH093G25RXXXDA
RSKP0015	CONTROL PANEL COVER AND MEMBRANE	M9 - PMH093G35AXXXDA
0130P00112	CORD,250VAC,15A (LCD) (M1, M2, M3, M4, M5, M6, M7, M8)	M10 - PMH093G35AXXXEA
0130P00115	CORD,250VAC,20A (LCD) (M9, M10, M11, M12, M13, M14, M15, M16, M17, M18)	M11 - PMH093G35CXXXDA
0130P00118	CORD,250VAC,30A (LCD) (M19, M20, M21, M22)	M12 - PMH093G35CXXXEA
0130M00178	DPDT RELAY 24VAC	M13 - PMH093G35ERXXDA
0131P00029	FAN MOTOR, INDOOR	M14 - PMH093G35ERXXEA
0131P00033	FAN MOTOR, OUTDOOR	M15 - PMH093G35EXXXDA
0161P00055	FAN, CONDENSER	M16 - PMH093G35EXXXEA
0275P00039	HEATER ASSY (M19, M20, M21, M22)	M17 - PMH093G35LRXXDA
0275P00019	HEATER ASSY (M1, M2, M3, M4, M5, M6, M7, M8)	M18 - PMH093G35LRXXEA
0275P00038	HEATER ASSY (M9, M10, M11, M12, M13, M14, M15, M16, M17, M18)	M19 - PMH093G50ERXXDA
0130P00133	HUMIDITY SENSOR	M20 - PMH093G50ERXXEA
PCBEP104	INDOOR DC CONTROL MOTOR	M21 - PMH093G50EXXXDA
11149201	MUFFIN FAN	M22 - PMH093G50EXXXEA
0130P00136	OVERLOAD PROTECTOR	
60343638	OVERLOAD PROTECTOR-RECHI	
0121P00160	PANEL-PARTITION (M3, M11, M12)	
PCBCP147	PCB, CONTROL, D70	
0151P00009	PTAC REVERSING VALVE ASSY	
0130M00096	RELAY (M5, M7, M14, M16, M20, M22)	
0130P00022	REVERSING VALVE COIL	
0130M00169	SWITCH, HIGH PRESS	
802007090	TERMINAL BOARD	
0130P00144	THERMISTOR	
0130P00142	THERMISTOR	
0130P00130	THERMISTOR	
0130P00132	THERMISTOR	
0130P00077	THERMISTOR (M4, M5, M8, M13, M14, M17, M18, M19, M20)	
0130P00134	THERMISTOR - DISCHARGE	
0130P00098	THERMISTOR - OUTDOOR AMBIENT	
0130P00145	THERMISTOR, .250 CLIP, GRAY	
0130M00599	TRANS, 40VA, 240V/208V TO 24V (QTY 2)	
0150P00005	WHEEL, BLOWER	

Control Panel and Front Assembly

FRONT PANEL ASSEMBLY



CONTROL PANEL ASSEMBLY



Control Panel and Front Assembly

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

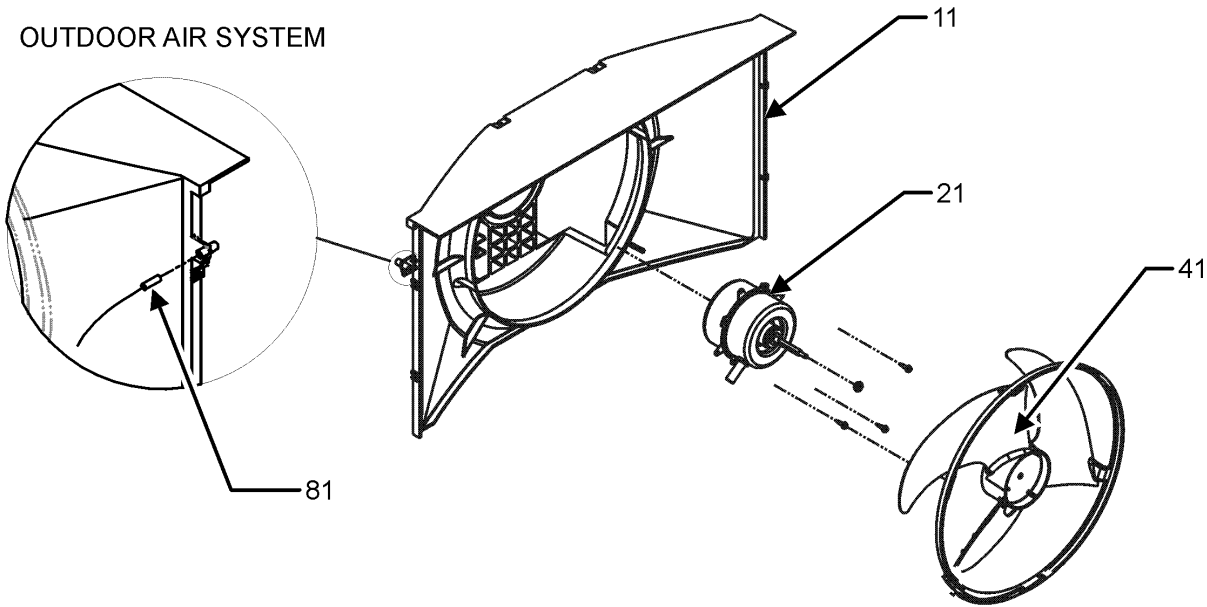
11	0161P00048	FRONT, LOUVERS DISCHARGE
21	RSKP0014	CONTROL BOARD KIT
21	RSKP0012	CONTROL BOARD M70
31	0130M00599	TRANS, 40VA, 240V/208V TO 24V
41	0163P00025	CLIP (QTY 2)
51	0121P00130	PANEL, CONTROL
61	0121P00194BL	SCREEN, DISCHARGE, PAINTED
71	0261P00003	DOOR ASSY -AMANA-
81	0261P00011	FRONT ASSY
101	0161P00035	FILTER, RACK (QTY 2)
121	0130M00178	DPDT RELAY 24VAC
191	0130M00599	TRANS, 40VA, 240V/208V TO 24V
261	0130P00104	ANTENNA (M4, M5, M8, M13, M14, M17, M18, M19, M20)
291	B1337701	PADDLE SWITCH (M1, M3, M4, M6, M8, M9, M11, M13, M15, M17, M19, M21)
NS	PCBCP147	PCB, CONTROL, D70
NS	0130M00096	RELAY (M5, M7, M14, M16, M20, M22)

Expanded Model Nomenclature

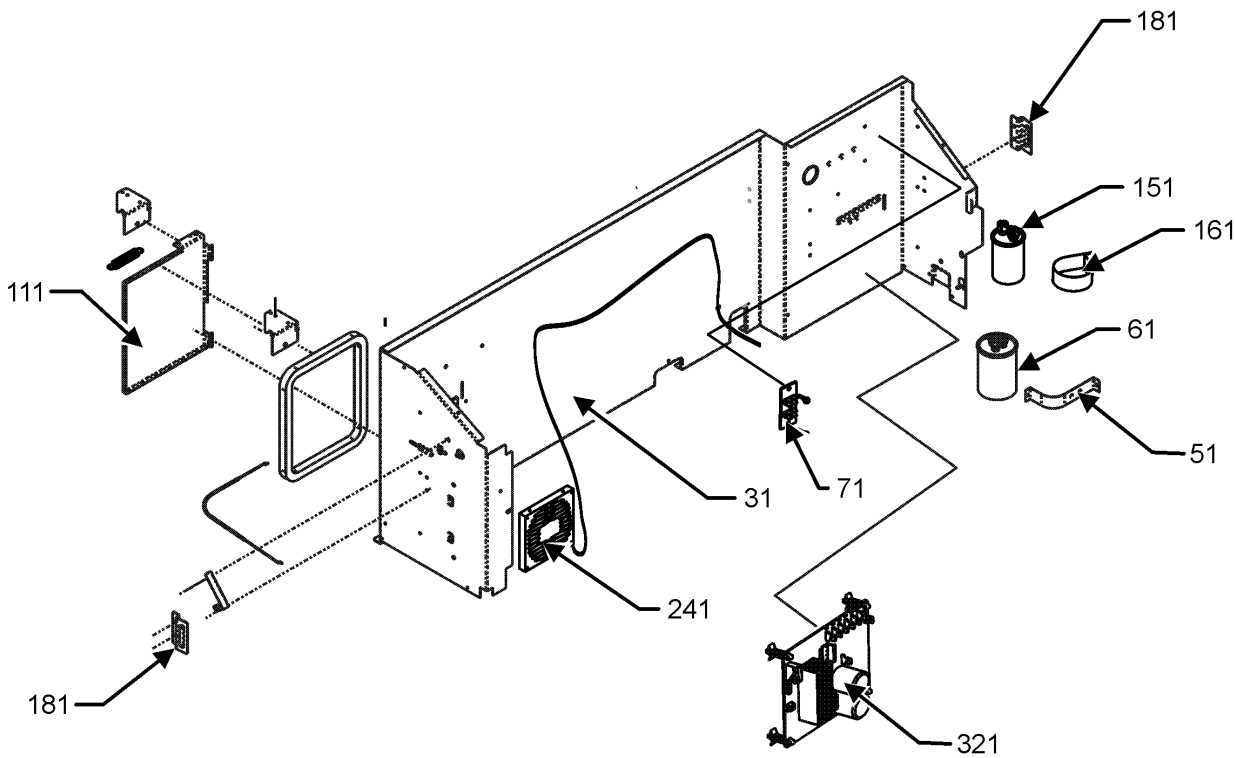
M1 - PMH093G25A XXXDA
 M2 - PMH093G25A XXXEA
 M3 - PMH093G25C XXXDA
 M4 - PMH093G25ERXXDA
 M5 - PMH093G25ERXXEA
 M6 - PMH093G25EXXXDA
 M7 - PMH093G25EXXXEA
 M8 - PMH093G25RXXXDA
 M9 - PMH093G35A XXXDA
 M10 - PMH093G35A XXXEA
 M11 - PMH093G35C XXXDA
 M12 - PMH093G35C XXXEA
 M13 - PMH093G35ERXXDA
 M14 - PMH093G35ERXXEA
 M15 - PMH093G35EXXXDA
 M16 - PMH093G35EXXXEA
 M17 - PMH093G35LRXXDA
 M18 - PMH093G35LRXXEA
 M19 - PMH093G50ERXXDA
 M20 - PMH093G50ERXXEA
 M21 - PMH093G50EXXXDA
 M22 - PMH093G50EXXXEA

Outdoor Air System and Partition Panel

OUTDOOR AIR SYSTEM



PARTITION PANEL ASSEMBLY



Outdoor Air System and Partition Panel

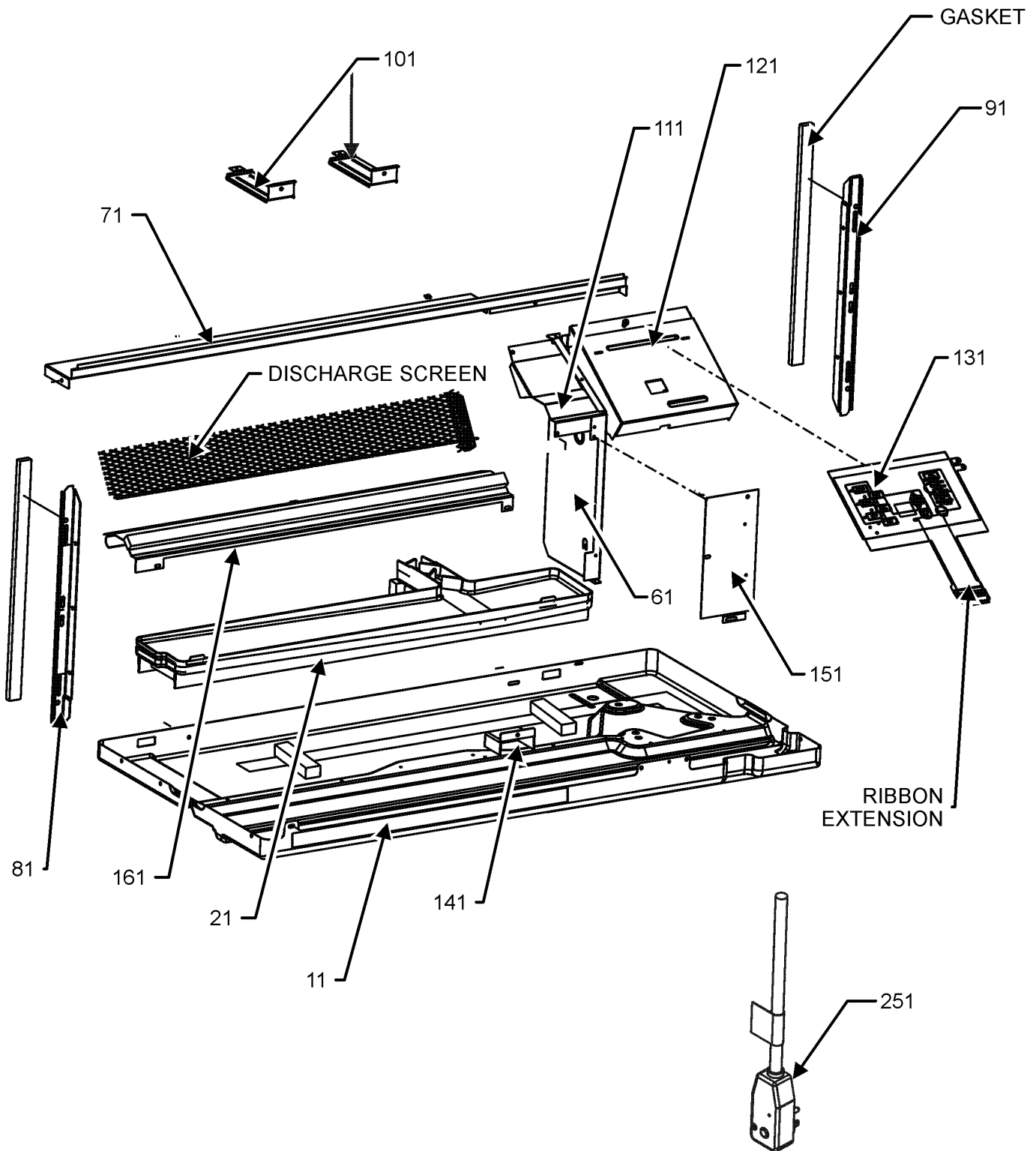
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0161P00053		SHROUD, CONDENSER
21	0131P00033		FAN MOTOR, OUTDOOR
31	0121P00108NG		PANEL-PARTITION
41	0161P00055		FAN, CONDENSER
51	C6300502		CAPACITOR STRAP
61	CAP020250450CS		CAPACITOR 2/25/450V/DUAL RD
71	802007090		TERMINAL BOARD
81	0130P00098		THERMISTOR - OUTDOOR AMBIENT
111	0121P00208DG		VENT DOOR
151	CAP065000440RP		CAPACITOR
161	0163P00029		CAPACITOR CLAMP
181	11191703		PARTITION PANEL BRACKET (QTY 2)
241	0131P00044		HEATER, FAN, AXIAL, 250W (M4, M5, M6, M7, M13, M14, M15, M16, M19, M20, M21, M22)
321	PCBEP104		INDOOR DC CONTROL MOTOR
NS	0121P00160		PANEL-PARTITION (M3, M11, M12)
NS	0259P00018		WIRE HARNESS

Expanded Model Nomenclature

M1 - PMH093G25AXXXDA
 M2 - PMH093G25AXXXEA
 M3 - PMH093G25CXXXDA
 M4 - PMH093G25ERXXDA
 M5 - PMH093G25ERXXEA
 M6 - PMH093G25EXXXDA
 M7 - PMH093G25EXXXEA
 M8 - PMH093G25RXXXDA
 M9 - PMH093G35AXXXDA
 M10 - PMH093G35AXXXEA
 M11 - PMH093G35CXXXDA
 M12 - PMH093G35CXXXEA
 M13 - PMH093G35ERXXDA
 M14 - PMH093G35ERXXEA
 M15 - PMH093G35EXXXDA
 M16 - PMH093G35EXXXEA
 M17 - PMH093G35LRXXDA
 M18 - PMH093G35LRXXEA
 M19 - PMH093G50ERXXDA
 M20 - PMH093G50ERXXEA
 M21 - PMH093G50EXXXDA
 M22 - PMH093G50EXXXEA

Base Pan Assembly

BASE PAN ASSEMBLY



Base Pan Assembly

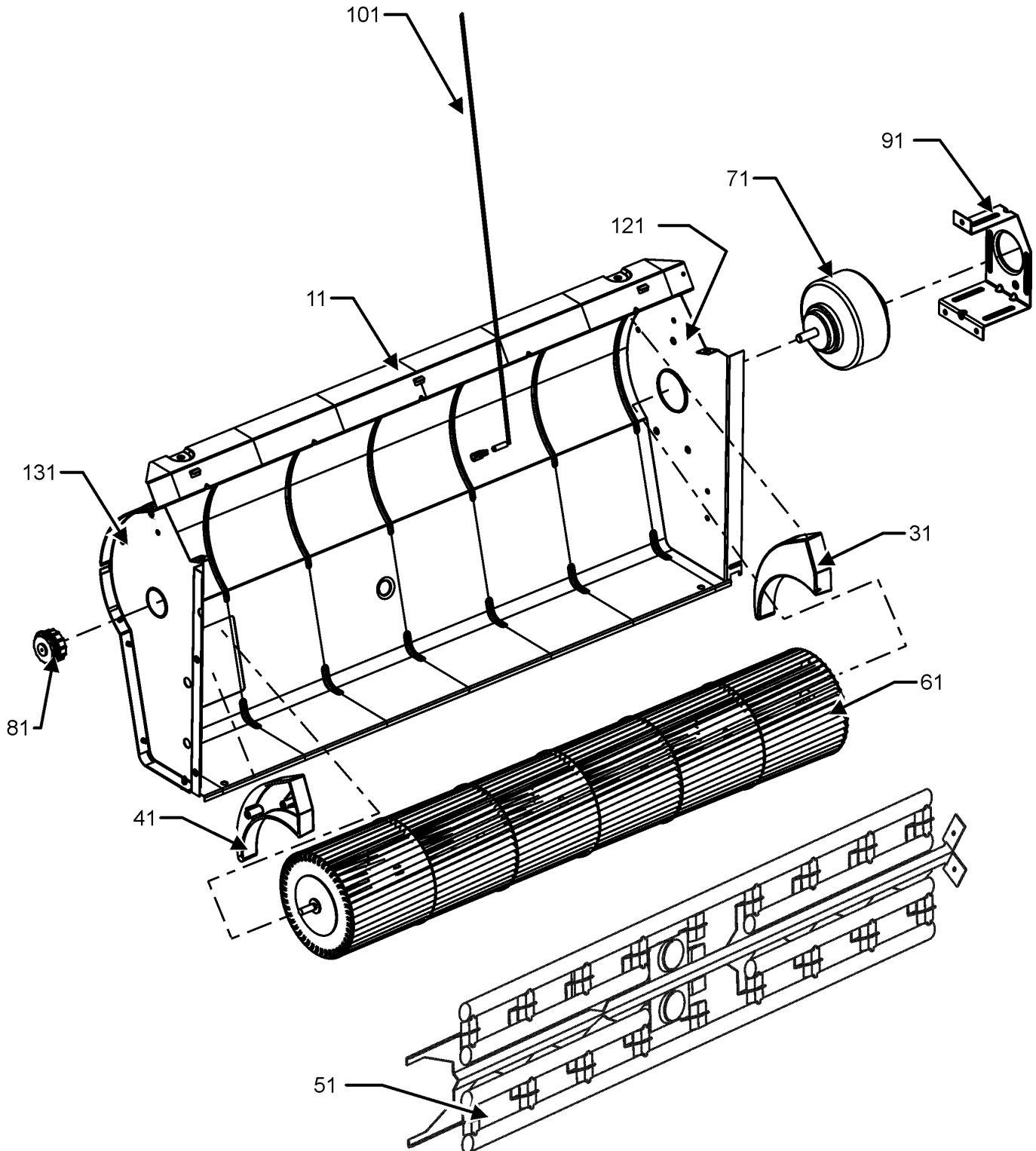
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0121P00175DG		BASEPAN (M1, M2, M4, M5, M6, M7, M8, M9, M10, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22)
11	0121P00175NG		BASEPAN (M3, M11, M12)
21	0161P00044		PLASTIC-DRAIN PAN
61	20403301		MID PARTITION PANEL
71	0121P00063NG		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		CONTROL PANEL COVER AND MEMBRANE
141	0161P00016		PLASTIC-HOOD
151	20410801		ACCESS COVER
161	0121P00061DG		CUTOFF-SCROLL DG
251	0130P00112		CORD,250VAC,15A (LCD) (M1, M2, M3, M4, M5, M6, M7, M8)
251	0130P00115		CORD,250VAC,20A (LCD) (M9, M10, M11, M12, M13, M14, M15, M16, M17, M18)
251	0130P00118		CORD,250VAC,30A (LCD) (M19, M20, M21, M22)
NS	0130P00109		MEMBRANE (CONTROL)

Expanded Model Nomenclature

M1 - PMH093G25A XXXDA
 M2 - PMH093G25A XXXEA
 M3 - PMH093G25C XXXDA
 M4 - PMH093G25ERXXDA
 M5 - PMH093G25ERXXEA
 M6 - PMH093G25EXXXDA
 M7 - PMH093G25EXXXEA
 M8 - PMH093G25R XXXDA
 M9 - PMH093G35A XXXDA
 M10 - PMH093G35A XXXEA
 M11 - PMH093G35C XXXDA
 M12 - PMH093G35C XXXEA
 M13 - PMH093G35ERXXDA
 M14 - PMH093G35ERXXEA
 M15 - PMH093G35EXXXDA
 M16 - PMH093G35EXXXEA
 M17 - PMH093G35LRXXDA
 M18 - PMH093G35LRXXEA
 M19 - PMH093G50ERXXDA
 M20 - PMH093G50ERXXEA
 M21 - PMH093G50EXXXDA
 M22 - PMH093G50EXXXEA

Indoor Blower Assembly

INDOOR BLOWER ASSEMBLY



Indoor Blower Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

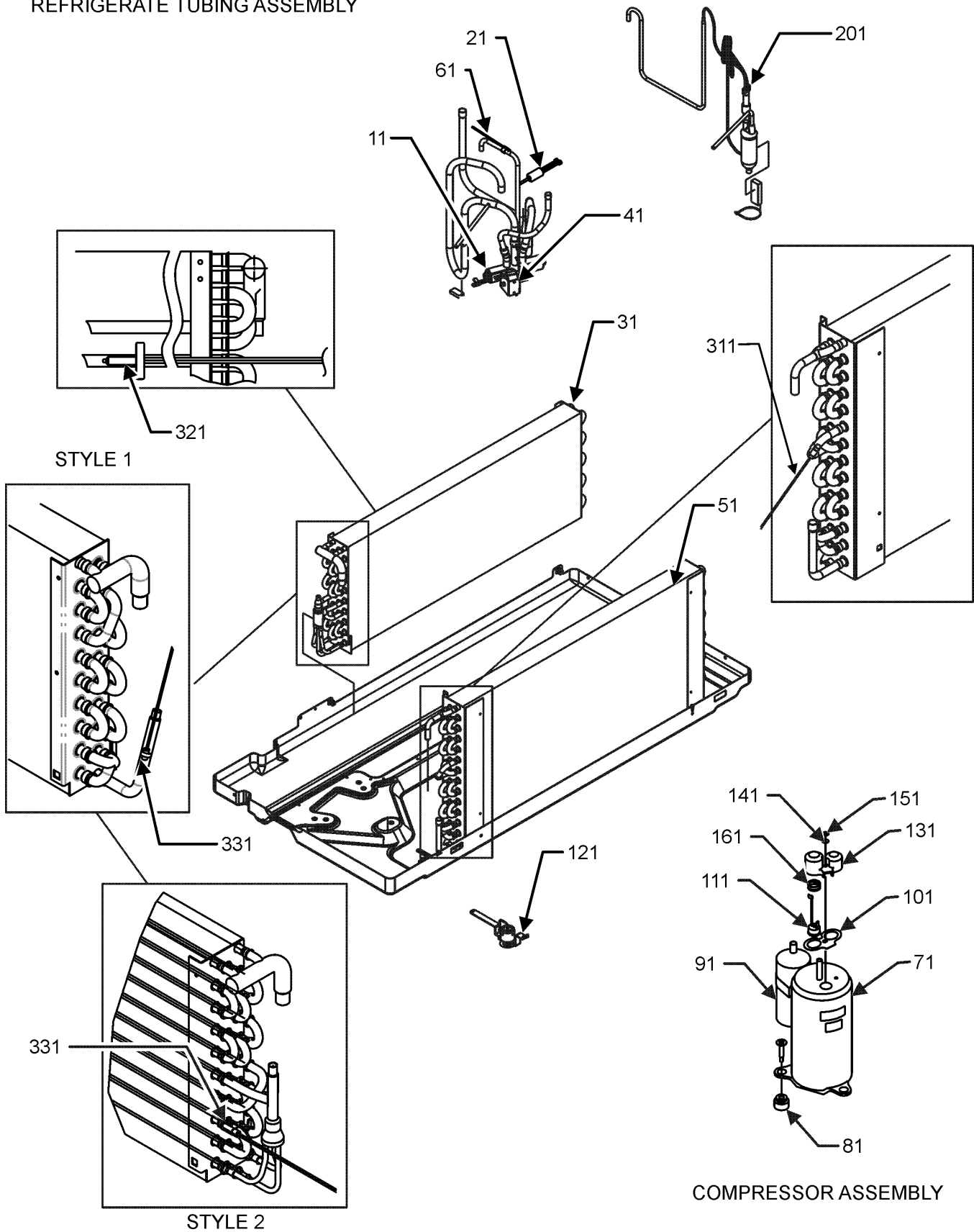
11	0121P00173DG	SCROLL
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00019	HEATER ASSY (M1, M2, M3, M4, M5, M6, M7, M8)
51	0275P00038	HEATER ASSY (M9, M10, M11, M12, M13, M14, M15, M16, M17, M18)
51	0275P00039	HEATER ASSY (M19, M20, M21, M22)
61	0150P00005	WHEEL, BLOWER
71	0131P00029	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 - PMH093G25AXXXDA
 M2 - PMH093G25AXXXEA
 M3 - PMH093G25CXXXDA
 M4 - PMH093G25ERXXDA
 M5 - PMH093G25ERXXEA
 M6 - PMH093G25EXXXDA
 M7 - PMH093G25EXXXEA
 M8 - PMH093G25RXXXDA
 M9 - PMH093G35AXXXDA
 M10 - PMH093G35AXXXEA
 M11 - PMH093G35CXXXDA
 M12 - PMH093G35CXXEA
 M13 - PMH093G35ERXXDA
 M14 - PMH093G35ERXXEA
 M15 - PMH093G35EXXXDA
 M16 - PMH093G35EXXXEA
 M17 - PMH093G35LRXXDA
 M18 - PMH093G35LRXXEA
 M19 - PMH093G50ERXXDA
 M20 - PMH093G50ERXXEA
 M21 - PMH093G50EXXXDA
 M22 - PMH093G50EXXXEA

Refrigerate Tubing Assembly

REFRIGERATE TUBING ASSEMBLY



Refrigerate Tubing Assembly

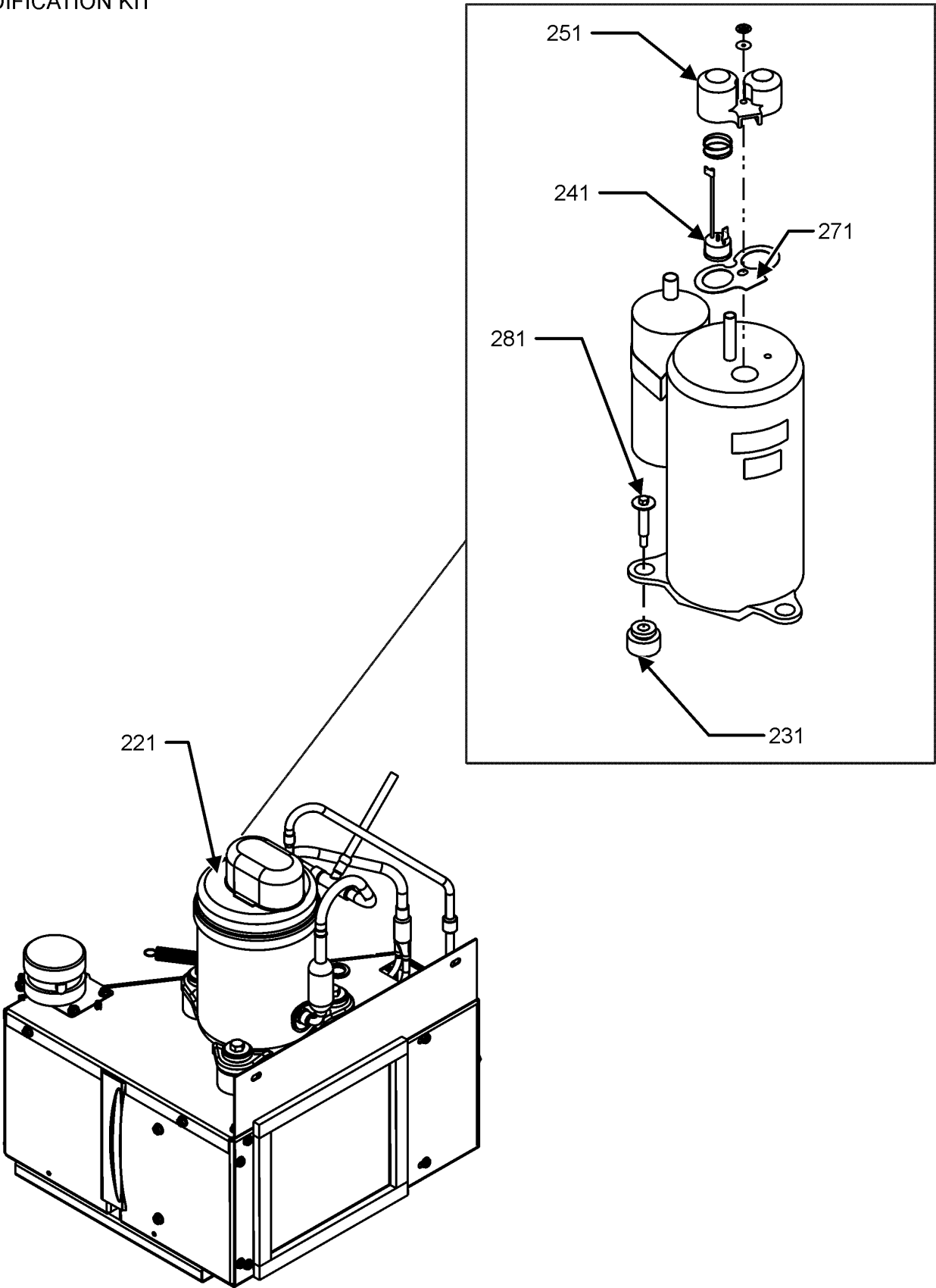
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0151P00009	PTAC REVERSING VALVE ASSY	
21	0130M00169	SWITCH, HIGH PRESS	
31	0202P00065	EVAP ASSY, 5/16, 3 ROW	
41	0130P00022	REVERSING VALVE COIL	
51	0201P00098	7 MM CONDENSER ASSEMBLY (M1, M2, M4, M5, M6, M7, M8, M9, M10, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22)	
51	0201P00104NG	7MM CONDENSER ASSEMBLY PAINTED (M3, M11, M12)	
61	0130P00077	THERMISTOR (M4, M5, M8, M13, M14, M17, M18, M19, M20)	
71	39B202AD&0JKZ	COMPRESSOR, RECHI	
81	60130203	GROMMET - RECHI COMPRESSOR (QTY 3)	
91	0163M00079	SHOULDER SCREW (QTY 3)	
101	60100103	TERMINAL GASKET	
111	60343638	OVERLOAD PROTECTOR-RECHI	
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	
NS	BT1392310	PLASTIC CLAMP, .1875 DIA (M4, M5, M6, M7, M13, M14, M15, M16, M19, M20, M21, M22)	

Expanded Model Nomenclature

M1 - PMH093G25A XXXDA
 M2 - PMH093G25A XXXEA
 M3 - PMH093G25C XXXDA
 M4 - PMH093G25ERXXDA
 M5 - PMH093G25ERXXEA
 M6 - PMH093G25EXXXDA
 M7 - PMH093G25EXXXEA
 M8 - PMH093G25RXXXDA
 M9 - PMH093G35A XXXDA
 M10 - PMH093G35A XXXEA
 M11 - PMH093G35C XXXDA
 M12 - PMH093G35C XXXEA
 M13 - PMH093G35ERXXDA
 M14 - PMH093G35ERXXEA
 M15 - PMH093G35EXXXDA
 M16 - PMH093G35EXXXEA
 M17 - PMH093G35LRXXDA
 M18 - PMH093G35LRXXEA
 M19 - PMH093G50ERXXDA
 M20 - PMH093G50ERXXEA
 M21 - PMH093G50EXXXDA
 M22 - PMH093G50EXXXEA

Vent/Dehumidification Kit

DEHUMIDIFICATION KIT



Vent/Dehumidification Kit

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

221	BSA357CN	COMPRESSOR, HITACHI 1 HP
231	0163M00272	COMPRESSOR GROMMET (QTY 3)
241	0130P00136	OVERLOAD PROTECTOR
251	0163P00034	TERMINAL COVER
271	0163P00036	TERMINAL GASKET
281	0163M00079	SHOULDER SCREW (QTY 3)
NS	0201P00104	5MM CONDENSER COIL ASSY
NS	0202P00082	5MM EVAPORATOR COIL ASSY
NS	CAP065000440RP	CAPACITOR
NS	B821700	CAPACITOR BOOT
NS	0161P00052SW	FILTER RACK
NS	0130P00133	HUMIDITY SENSOR
NS	11149201	MUFFIN FAN
NS	0130P00132	THERMISTOR
NS	0130P00145	THERMISTOR, .250 CLIP, GRAY
NS	0270P01351DG	VENT/DEHUMIDIFICATION KIT
NS	0259P00018	WIRE HARNESS

Expanded Model Nomenclature

M1 - PMH093G25A XXXDA
 M2 - PMH093G25A XXXEA
 M3 - PMH093G25C XXXDA
 M4 - PMH093G25ERXXDA
 M5 - PMH093G25ERXXEA
 M6 - PMH093G25EXXXDA
 M7 - PMH093G25EXXXEA
 M8 - PMH093G25RXXXDA
 M9 - PMH093G35A XXXDA
 M10 - PMH093G35A XXXEA
 M11 - PMH093G35C XXXDA
 M12 - PMH093G35C XXXEA
 M13 - PMH093G35ERXXDA
 M14 - PMH093G35ERXXEA
 M15 - PMH093G35EXXXDA
 M16 - PMH093G35EXXXEA
 M17 - PMH093G35LRXXDA
 M18 - PMH093G35LRXXEA
 M19 - PMH093G50ERXXDA
 M20 - PMH093G50ERXXEA
 M21 - PMH093G50EXXXDA
 M22 - PMH093G50EXXXEA