

PMH093G Package Terminal Heat Pump

PMH093G25AXXXCA
PMH093G25ERXXCA
PMH093G25EXXXCA
PMH093G35AXXXCA
PMH093G35CXXXCA
PMH093G35ERXXCA
PMH093G35EXXXCA
PMH093G35LRXXCA
PMH093G50ERXXCA



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This manual is to be used by qualified technicians only.

This manual replaces RP-A5013E.

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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:

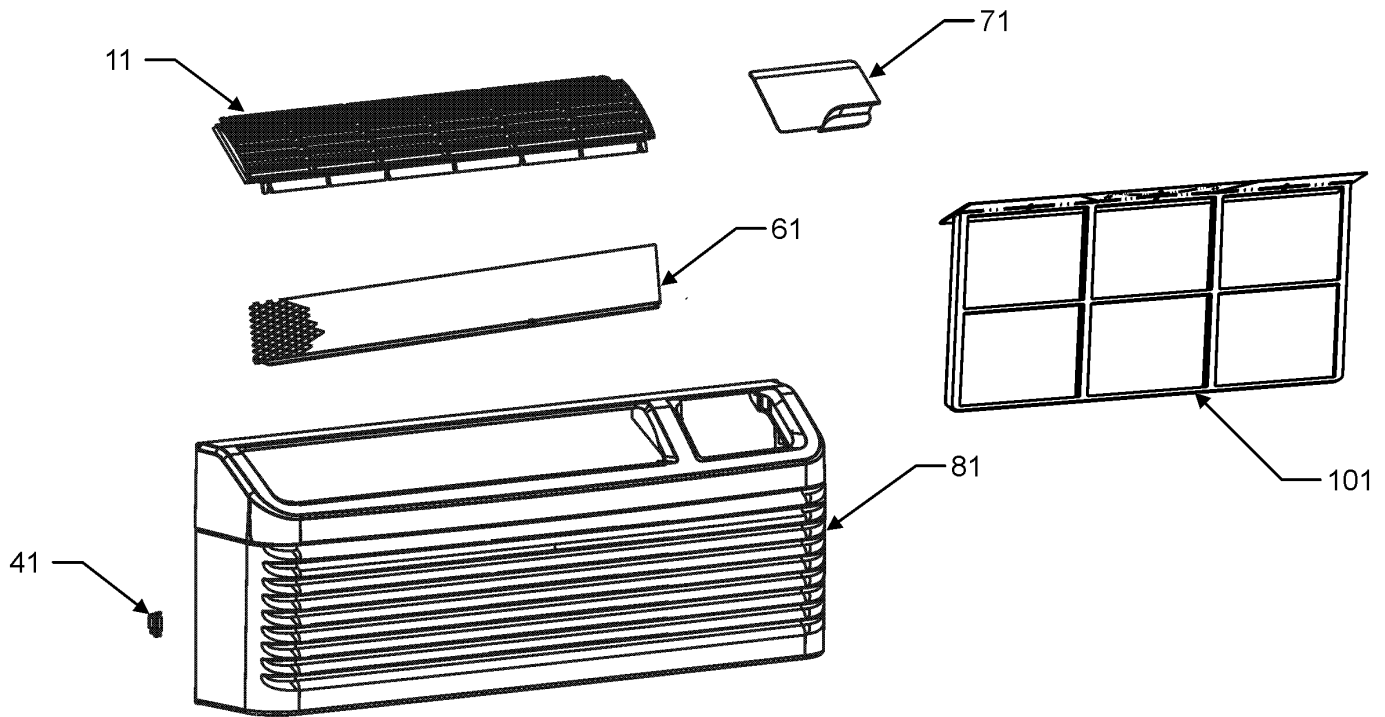
20406303	BASE PAN VALVE
CAP065000440RP	CAPACITOR
CAP020250450CS	CAPACITOR 2/25/450V/DUAL RD
CAP020000440RP	CAPACITOR 2/440V
BSA357CN	COMPRESSOR, HITACHI 1 HP
39B202A	COMPRESSOR, RECHI
RSKP0012	CONTROL BOARD M70
RSKP0015	CONTROL PANEL COVER AND MEMBRANE
0130P00112	CORD,250VAC,15A (LCD) (M1, M2, M3)
0130P00115	CORD,250VAC,20A (LCD) (M4, M5, M6, M7, M8)
0130P00118	CORD,250VAC,30A (LCD) (M9)
0130M00178	DPDT RELAY 24VAC
0131P00036	FAN MOTOR, INDOOR (M9)
0131P00035	FAN MOTOR, INDOOR (M1, M2, M3, M4, M5, M6, M7, M8)
0131P00033	FAN MOTOR, OUTDOOR
0161P00055	FAN, CONDENSER
0275P00038	HEATER ASSY (M4, M5, M6, M7, M8)
0275P00019	HEATER ASSY (M1, M2, M3)
0275P00039	HEATER ASSY (M9)
0130P00133	HUMIDITY SENSOR
11149201	MUFFIN FAN
0130P00136	OVERLOAD PROTECTOR
60343638	OVERLOAD PROTECTOR-RECHI
PCBCP140	PCB, CONTROL, D70 (M2, M3, M6, M7, M8, M9)
0151P00000	REVERSING VALVE ASSY-230V
0130P00022	REVERSING VALVE COIL
0130M00169	SWITCH, HIGH PRESS
802007090	TERMINAL BOARD
0130P00132	THERMISTOR
0130P00130	THERMISTOR
0130P00074	THERMISTOR
0130P00134	THERMISTOR - DISCHARGE
0130P00077	THERMISTOR - INDOOR (M2, M6, M8, M9)
0130P00086	THERMISTOR - INDOOR COIL
0130P00098	THERMISTOR - OUTDOOR AMBIENT
0130M00149	TRANSFORMER 240V/208V TO 24V, 40VA (QTY 2)
0150P00004	WHEEL, BLOWER

Expanded Model Nomenclature

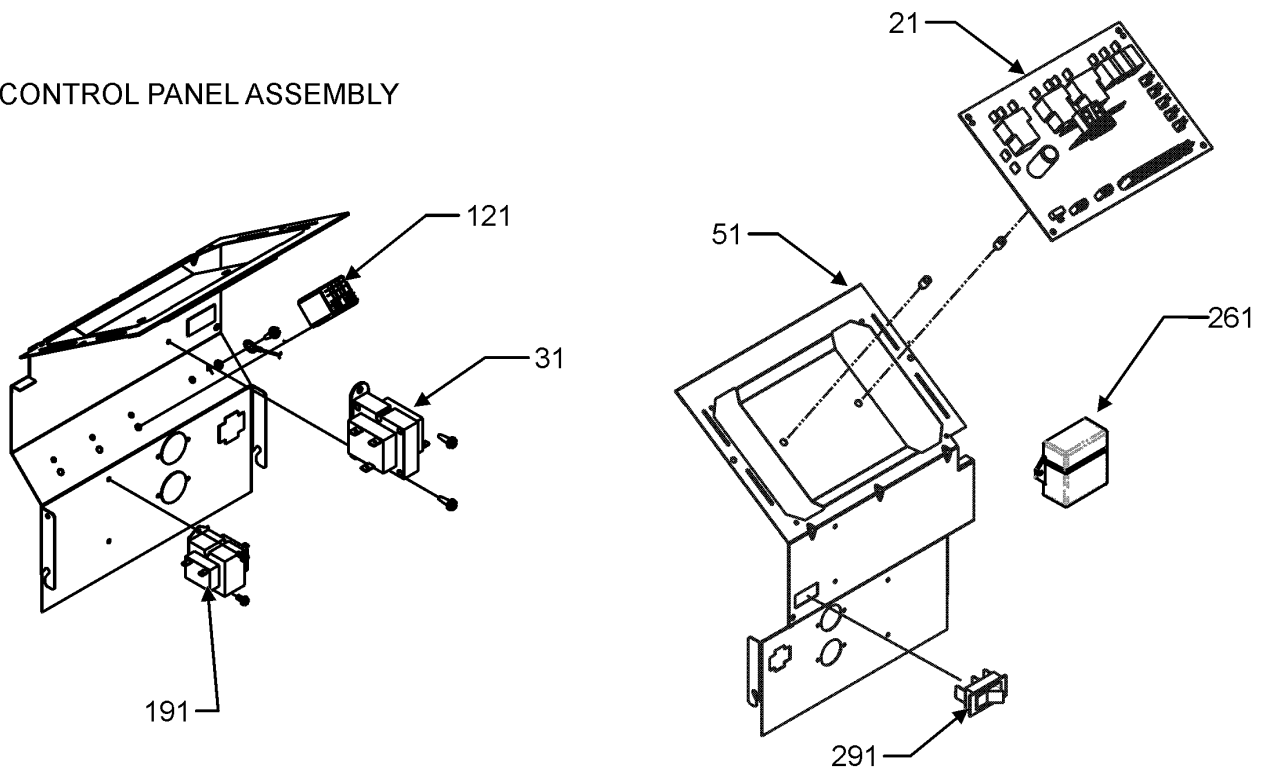
M1 - PMH093G25AXXXCA
M2 - PMH093G25ERXXCA
M3 - PMH093G25EXXXCA
M4 - PMH093G35AXXXCA
M5 - PMH093G35CXXCA
M6 - PMH093G35ERXXCA
M7 - PMH093G35EXXXCA
M8 - PMH093G35LRXXCA
M9 - PMH093G50ERXXCA

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:

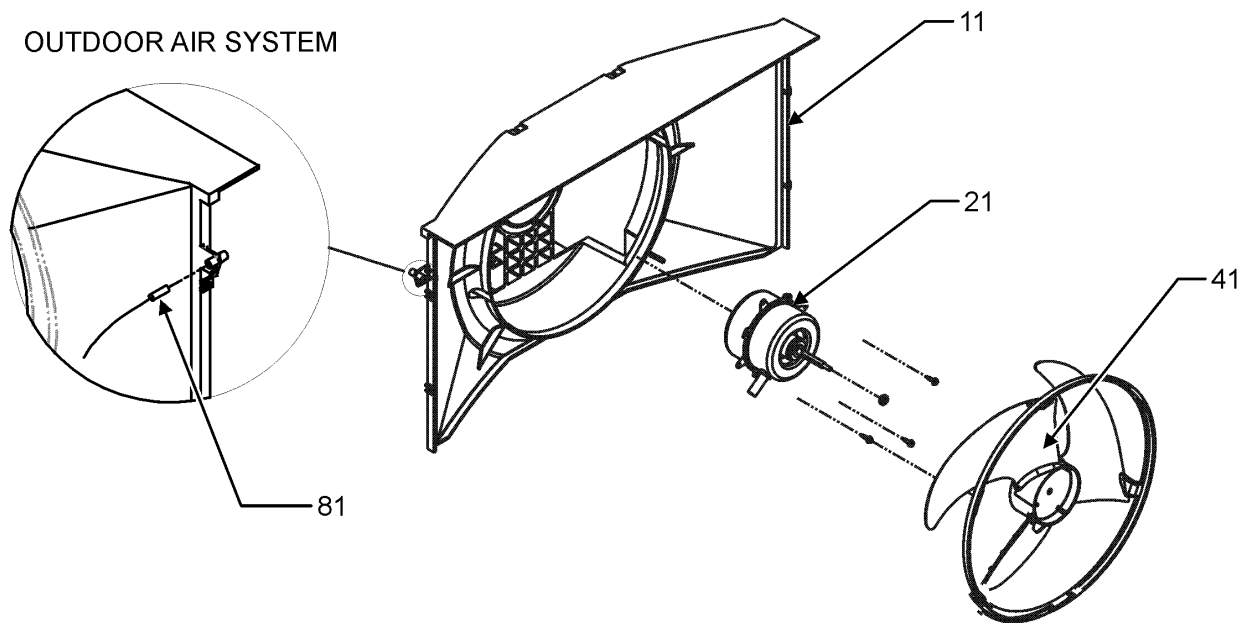
Image 1:

11	0161P00048	FRONT, LOUVERS DISCHARGE
21	RSKP0012	CONTROL BOARD M70
31	0130M00149	TRANSFORMER 240V/208V TO 24V, 40VA
41	0163P00025	CLIP (QTY 2)
51	0121P00130	PANEL, CONTROL
61	0121P00073	SCREEN, DISCHARGE
71	0261P00003	DOOR ASSY -AMANA-
81	0261P00011	FRONT ASSY
101	0161P00035	FILTER, RACK (QTY 2)
121	0130M00178	DPDT RELAY 24VAC
191	0130M00149	TRANSFORMER 240V/208V TO 24V, 40VA
261	0130P00104	ANTENNA (DIGITENNA) (M2, M6, M8, M9)
291	B1337701	PADDLE SWITCH
NS	PCBCP140	PCB, CONTROL, D70 (M2, M3, M6, M7, M8, M9)

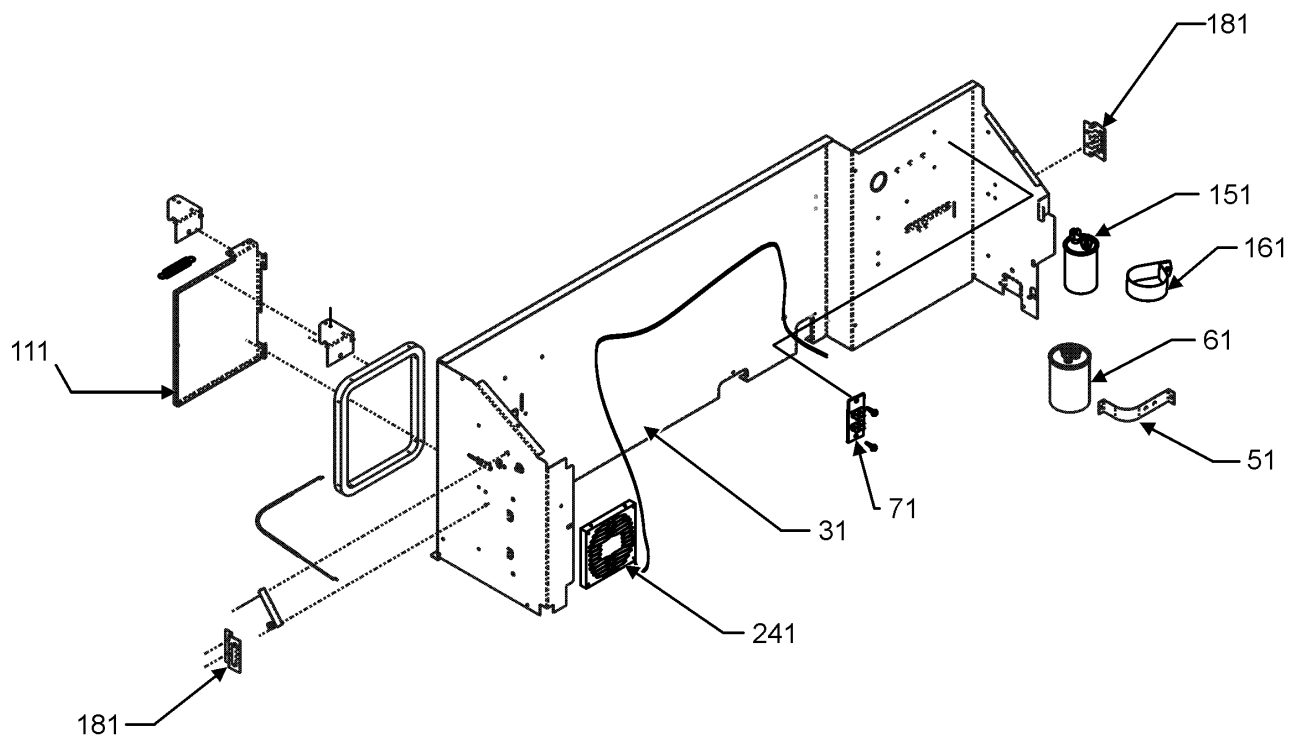
Expanded Model Nomenclature

M1 - PMH093G25AXXXCA
M2 - PMH093G25ERXXCA
M3 - PMH093G25EXXXCA
M4 - PMH093G35AXXXCA
M5 - PMH093G35CXXCA
M6 - PMH093G35ERXXCA
M7 - PMH093G35EXXXCA
M8 - PMH093G35LRXXCA
M9 - PMH093G50ERXXCA

Outdoor Air System and Partition Panel



PARTITION PANEL ASSEMBLY



Outdoor Air System and Partition Panel

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

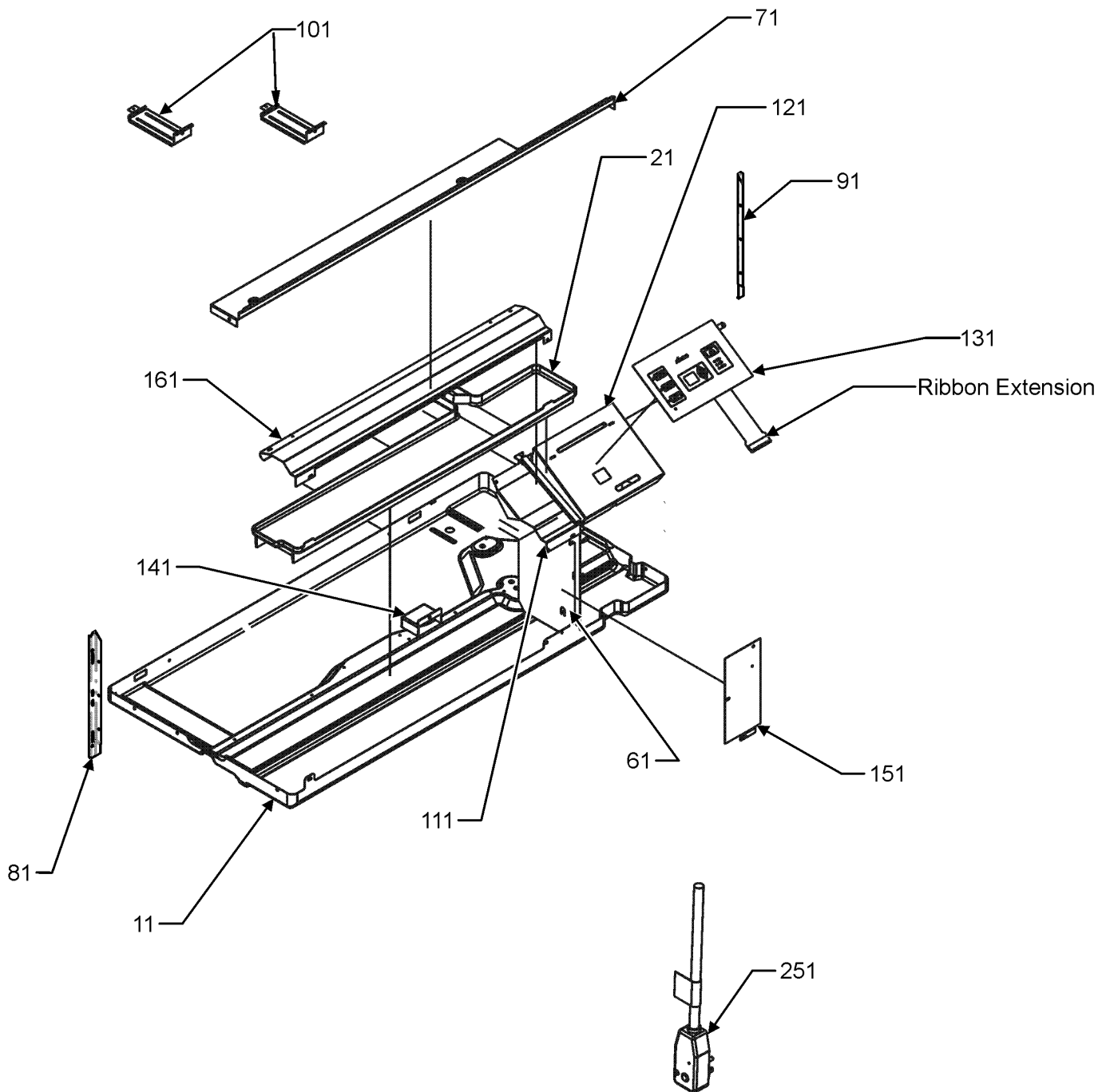
11	0161P00053	SHROUD, CONDENSER
21	0131P00033	FAN MOTOR, OUTDOOR
31	0121P00108NG	PANEL-PARTITION
41	0161P00055	FAN, CONDENSER
51	C6300502	CAPACITOR STRAP
61	CAP020250450CS	CAPACITOR 2/25/450V/DUAL RD
71	802007090	TERMINAL BOARD
81	0130P00098	THERMISTOR - OUTDOOR AMBIENT
111	0121P00208DG	VENT DOOR
151	CAP020000440RP	CAPACITOR 2/440V
161	0163P00029	CAPACITOR CLAMP
181	11191703	PARTITION PANEL BRACKET (QTY 2)
241	0131P00044	HEATER, FAN, AXIAL, 250W (M2, M3, M6, M7, M9)

Expanded Model Nomenclature

M1 - PMH093G25AXXXCA
M2 - PMH093G25ERXXCA
M3 - PMH093G25EXXXCA
M4 - PMH093G35AXXXCA
M5 - PMH093G35CXXXCA
M6 - PMH093G35ERXXCA
M7 - PMH093G35EXXXCA
M8 - PMH093G35LRXXCA
M9 - PMH093G50ERXXCA

Base Pan Assembly

BASE PAN ASSEMBLY



Base Pan Assembly

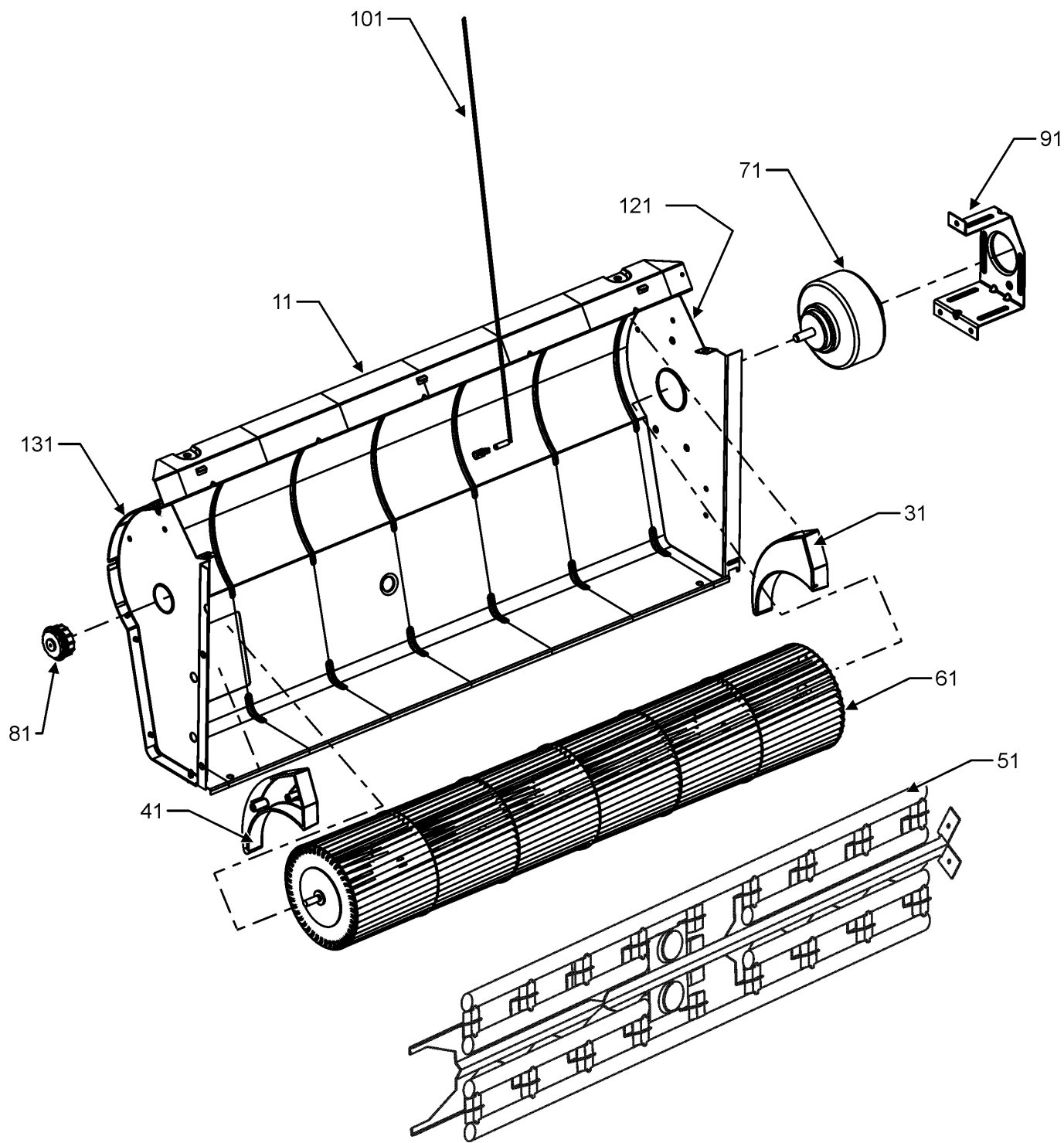
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0121P00175DG		BASEPAN (M1, M2, M3, M4, M6, M7, M8, M9)
11	0121P00175NG		BASEPAN (M5)
21	0161P00044		PLASTIC-DRAIN PAN
61	20403301		MID PARTITION PANEL
71	0121P00063NG		TOP, PARTITION PANEL
81	0121P00197		SEAL-L SIDE PTC
91	0121P00198		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
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, M8)
251	0130P00118		CORD,250VAC,30A (LCD) (M9)
NS	0130P00109		MEMBRANE (CONTROL)

Expanded Model Nomenclature

M1 - PMH093G25AXXXCA
 M2 - PMH093G25ERXXCA
 M3 - PMH093G25EXXXCA
 M4 - PMH093G35AXXXCA
 M5 - PMH093G35CXXXCA
 M6 - PMH093G35ERXXCA
 M7 - PMH093G35EXXXCA
 M8 - PMH093G35LRXXCA
 M9 - PMH093G50ERXXCA

Indoor Blower Assembly

INDOOR BLOWER ASSEMBLY



Indoor Blower Assembly

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

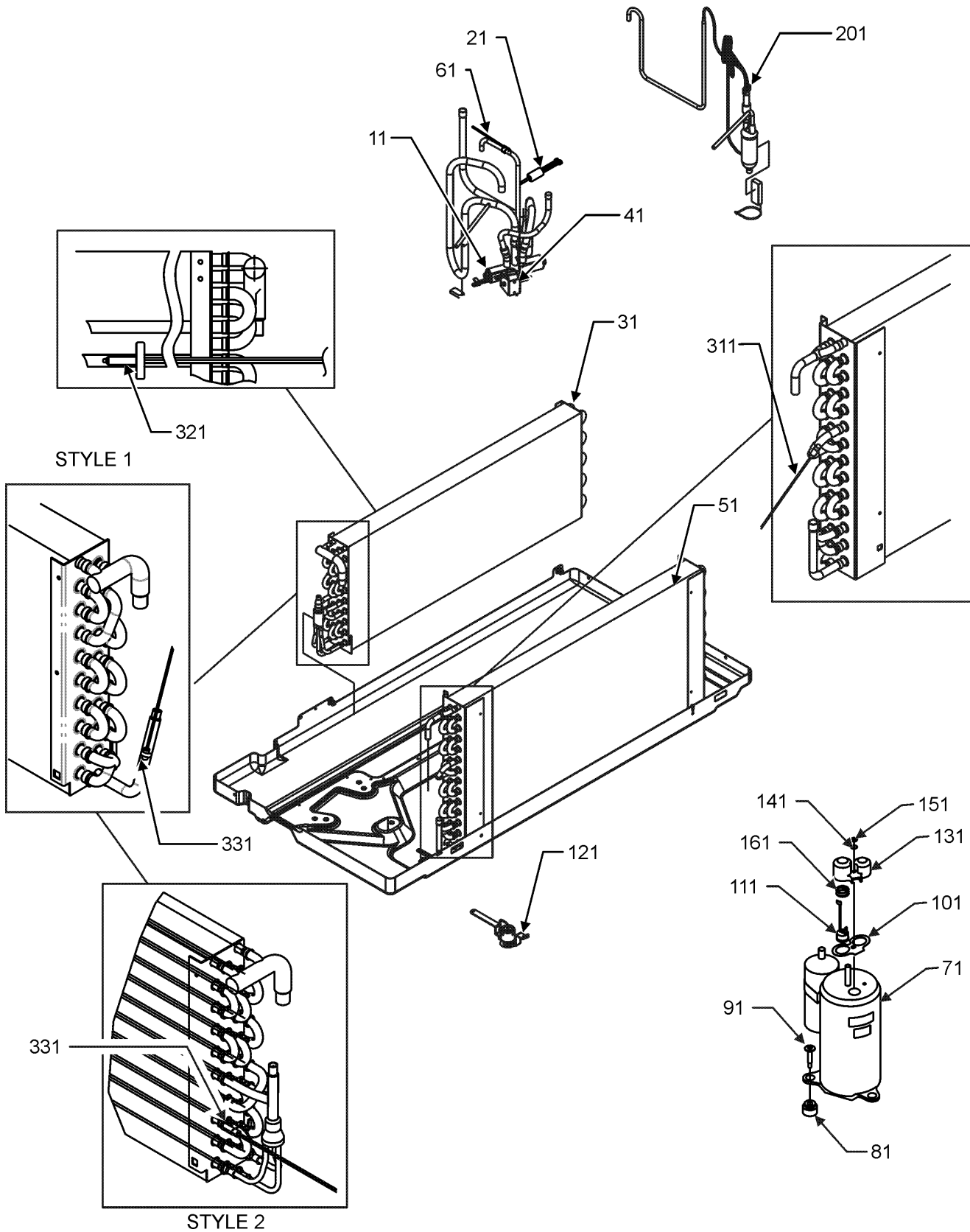
11	0121P00173DG	SCROLL
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00019	HEATER ASSY (M1, M2, M3)
51	0275P00038	HEATER ASSY (M4, M5, M6, M7, M8)
51	0275P00039	HEATER ASSY (M9)
61	0150P00004	WHEEL, BLOWER
71	0131P00035	FAN MOTOR, INDOOR (M1, M2, M3, M4, M5, M6, M7, M8)
71	0131P00036	FAN MOTOR, INDOOR (M9)
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 - PMH093G25AXXXCA
M2 - PMH093G25ERXXCA
M3 - PMH093G25EXXXCA
M4 - PMH093G35AXXXCA
M5 - PMH093G35CXXCA
M6 - PMH093G35ERXXCA
M7 - PMH093G35EXXXCA
M8 - PMH093G35LRXXCA
M9 - PMH093G50ERXXCA

Refrigerate Tubing Assembly

REFRIGERATE TUBING ASSEMBLY



Refrigerate Tubing Assembly

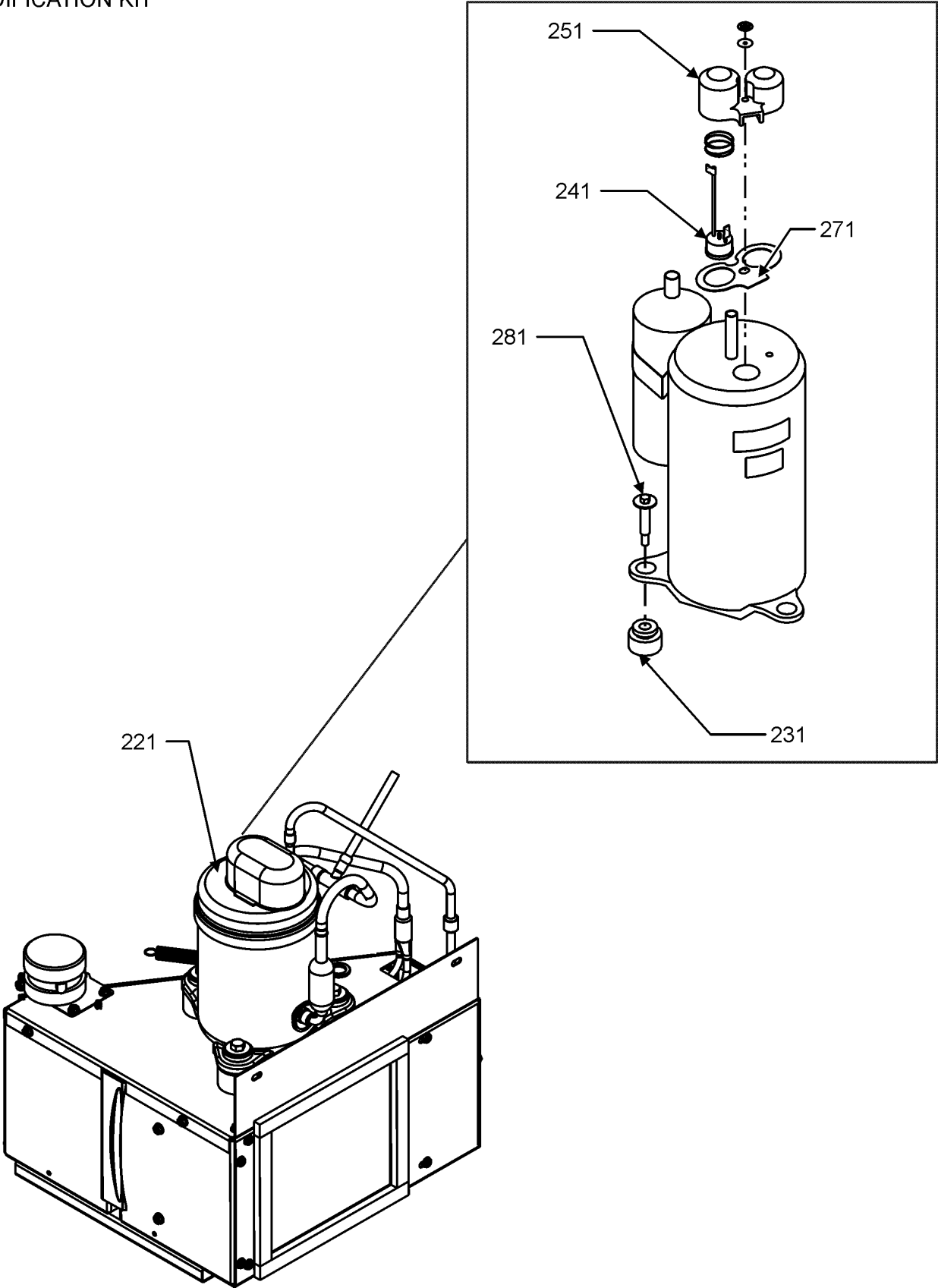
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0151P00000		REVERSING VALVE ASSY-230V
21	0130M00169		SWITCH, HIGH PRESS
31	0202P00065		EVAP ASSY, 5/16, 3 ROW
41	0130P00022		REVERSING VALVE COIL
51	0201P00098		7 MM CONDENSER ASSEMBLY (M1, M2, M3, M4, M6, M7, M8, M9)
51	0201P00104NG		7MM CONDENSER ASSEMBLY PAINTED (M5)
61	0130P00077		THERMISTOR - INDOOR (M2, M6, M8, M9)
71	39B202A		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	0130P00074		THERMISTOR
331	0130P00086		THERMISTOR - INDOOR COIL
NS	BT1392310		PLASTIC CLAMP, .1875 DIA (M2, M3, M6, M7, M9)

Expanded Model Nomenclature

M1 - PMH093G25AXXXCA
M2 - PMH093G25ERXXCA
M3 - PMH093G25EXXXCA
M4 - PMH093G35AXXXCA
M5 - PMH093G35CXXXCA
M6 - PMH093G35ERXXCA
M7 - PMH093G35EXXXCA
M8 - PMH093G35LRXXCA
M9 - PMH093G50ERXXCA

Vent/Dehumidification Kit

DEHUMIDIFICATION KIT



Vent/Dehumidification Kit

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
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	0259P00015		WIRE HARNESS (M4, M5)
NS	0259P00016		WIRE HARNESS (M1, M2, M3, M6, M7, M8, M9)

Expanded Model Nomenclature

M1 - PMH093G25AXXXCA
M2 - PMH093G25ERXXCA
M3 - PMH093G25EXXXCA
M4 - PMH093G35AXXXCA
M5 - PMH093G35CXXXCA
M6 - PMH093G35ERXXCA
M7 - PMH093G35EXXXCA
M8 - PMH093G35LRXXCA
M9 - PMH093G50ERXXCA