
PMH093G Package Terminal Heat Pump

PMH093G25AXXXGA
PMH093G25CXXXGA
PMH093G25ERXXGA
PMH093G25EXXXGA
PMH093G25RXXXGA
PMH093G35AXXXGA
PMH093G35CEXXGA
PMH093G35CXXXGA
PMH093G35ERXXGA
PMH093G35EXXXGA
PMH093G35LRXXGA
PMH093G50ERXXGA
PMH093G50EXXXGA



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This manual is to be used by qualified technicians only.

This manual replaces RP-A5321

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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:

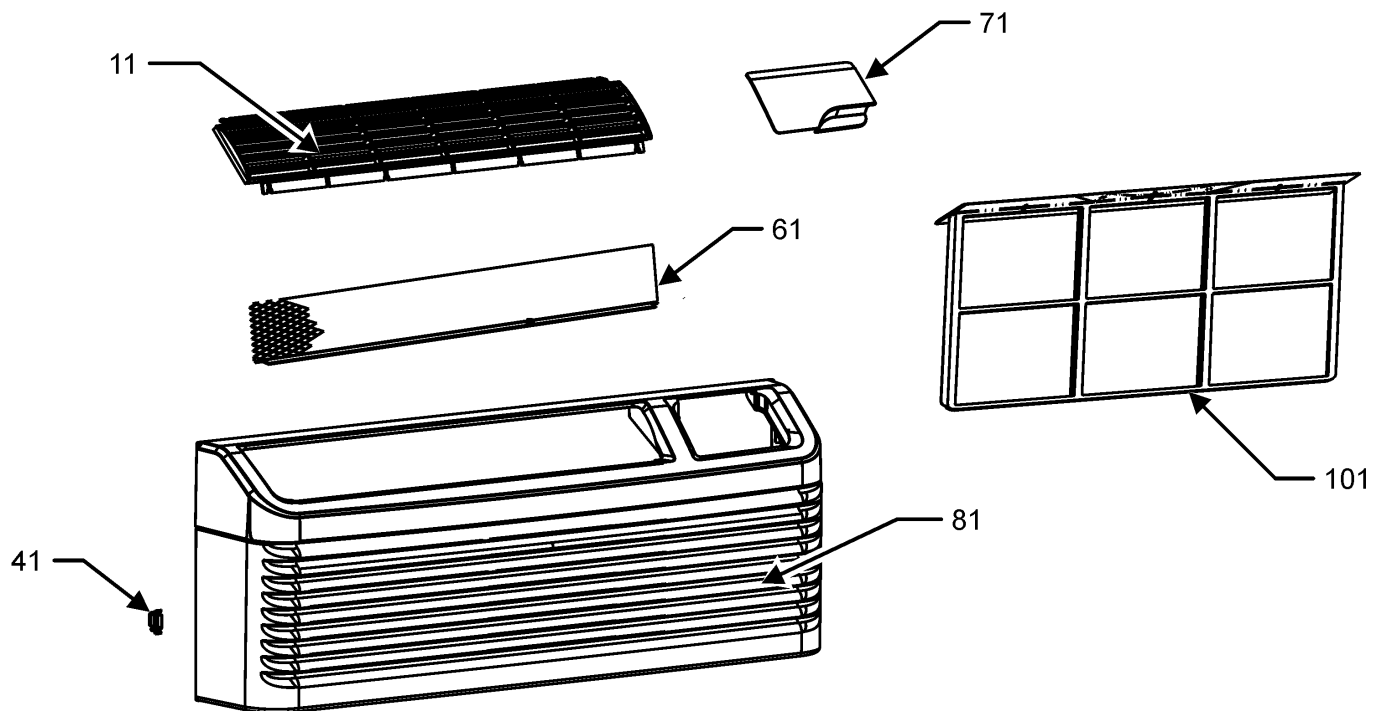
20406303	BASE PAN VALVE
CAP020250450CS	CAP, 2/25 MFD/450V/DUAL RD
CAP065000440RP	CAPACITOR
BSA357CN	COMPRESSOR, HITACHI 1 HP
39B202AD&0JKZ	COMPRESSOR, RECHI
RSKP0012	CONTROL BOARD M70
RSKP0015	CONTROL PANEL COVER AND MEMBRANE
0130P00112	CORD,250VAC,15A (LCD) (M1, M2, M3, M4, M5)
0130P00115	CORD,250VAC,20A (LCD) (M6, M7, M8, M9, M10, M11)
0130P00118	CORD,250VAC,30A (LCD) (M12, M13)
0130M00178	DPDT RELAY 24VAC (QTY 2)
0131P00029	FAN MOTOR, INDOOR
0131P00033	FAN MOTOR, OUTDOOR
0161P00055	FAN, CONDENSER
0275P00019	HEATER ASSY (M1, M2, M3, M4, M5)
0275P00038	HEATER ASSY (M6, M7, M8, M9, M10, M11)
0275P00039	HEATER ASSY (M12, M13)
0131P00044	HEATER, FAN, AXIAL, 250W (M3, M4, M7, M9, M10, M12, M13)
0130P00133	HUMIDITY SENSOR
PCBEP104	INDOOR DC CONTROL MOTOR
11149201	MUFFIN FAN
0130P00136	OVERLOAD PROTECTOR
60345620A	OVERLOAD PROTECTOR-CLEAR PLUG
PCBCP147	PCB, CONTROL, D70 (QTY 2)
0151P00013	PTAC Reversing Valve Assy
0130M00096	RELAY (M3, M4, M7, M9, M10, M12, M13)
0130P00022	REVERSING VALVE COIL
0130M00169	SWITCH, HIGH PRESS
802007090	TERMINAL BOARD
0130P00077	THERMISTOR (M3, M5, M9, M11, M12)
0130P00145	THERMISTOR DTT GRAY
0130P00164	THERMISTOR IAT BLACK
0130P00159	THERMISTOR ICT RED
0130P00134	THERMISTOR IDT YELLOW
0130P00098	THERMISTOR OAT GREEN
0130P00130	THERMISTOR OCT BLUE
0130P00132	THERMISTOR STT BROWN
0130M00599	TRANSFMR,40VA,240V/208V TO 24V (QTY 2)
0150P00005	WHEEL, BLOWER

Expanded Model Nomenclature

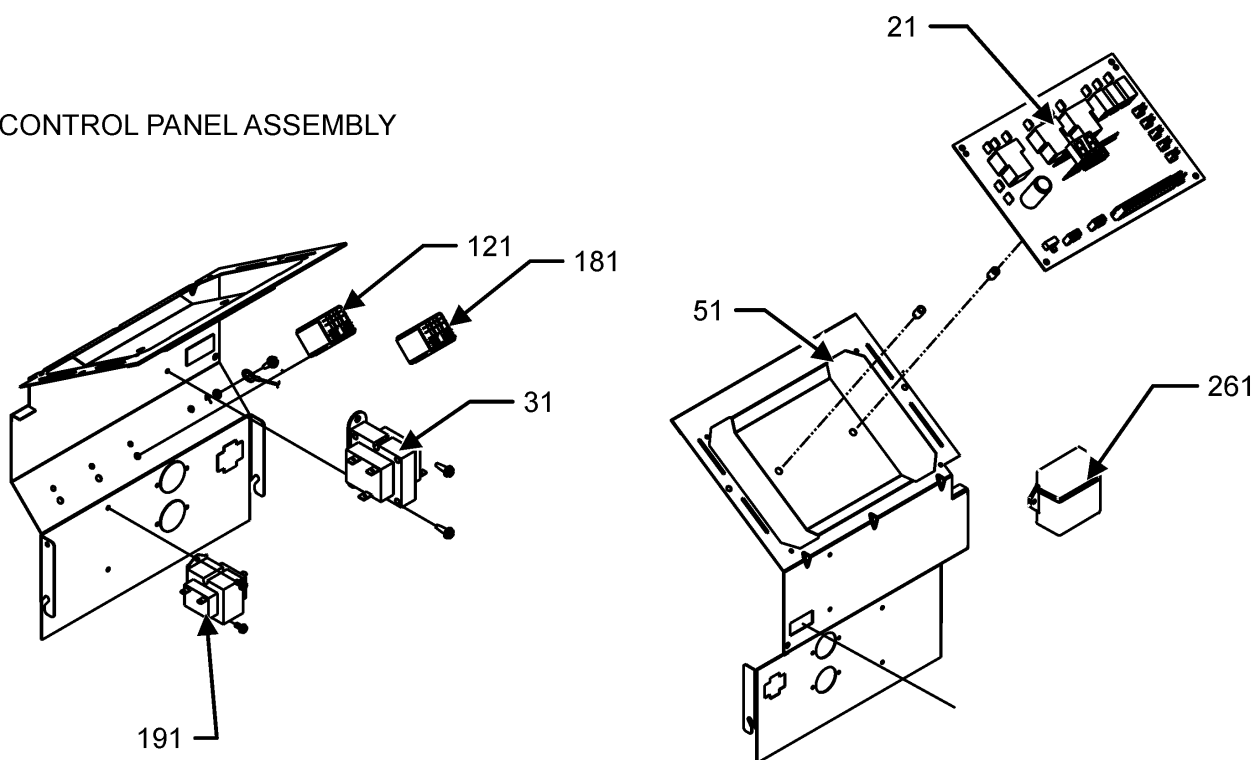
M1 - PMH093G25AXXXGA
M2 - PMH093G25CXXXGA
M3 - PMH093G25ERXXGA
M4 - PMH093G25EXXXGA
M5 - PMH093G25RXXXGA
M6 - PMH093G35AXXXGA
M7 - PMH093G35CEXXGA
M8 - PMH093G35CXXXGA
M9 - PMH093G35ERXXGA
M10 - PMH093G35EXXXGA
M11 - PMH093G35LRXXGA
M12 - PMH093G50ERXXGA
M13 - PMH093G50EXXXGA

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:

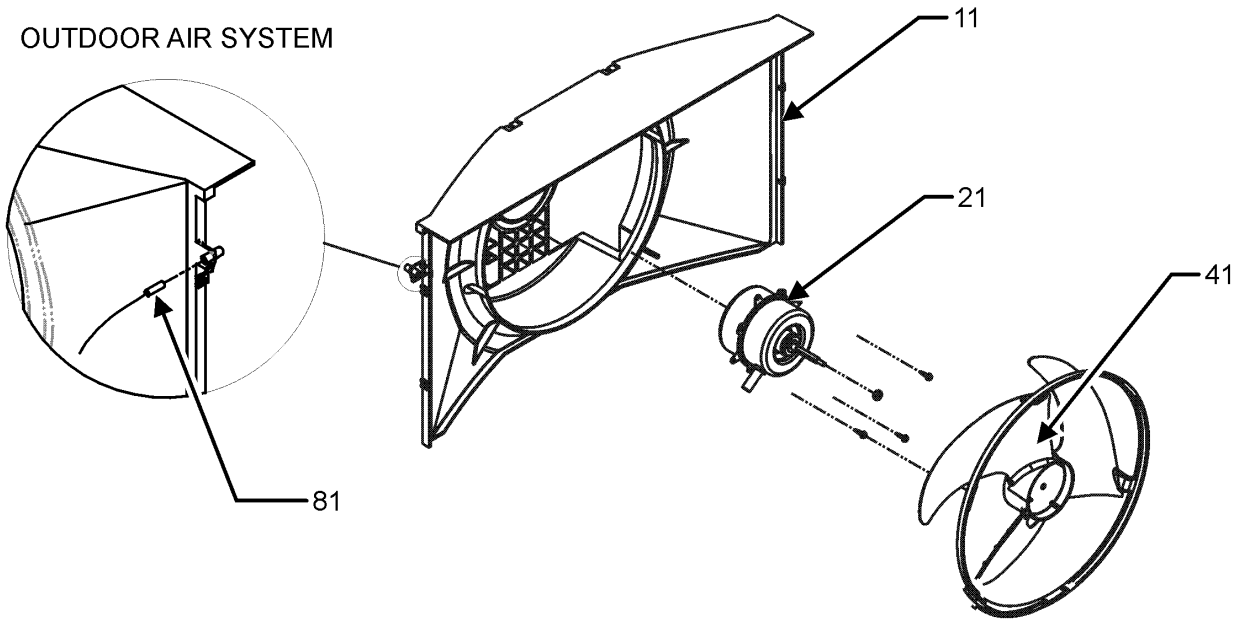
11	0161P00048	FRONT, LOUVERS DISCHARGE
21	RSKP0012	CONTROL BOARD M70
31	0130M00599	TRANSFMR,40VA,240V/208V TO 24V
41	0163P00025	CLIP (QTY 2)
51	0121P00130	PANEL, CONTROL
61	0121P00194BL	SCREEN, DISCHARGE, PAINTED
71	0261P00003	DOOR ASSY -AMANA-
81	0261P00011	FRONT ASSY
101	0161P00035	FILTER, RACK
121	0130M00178	DPDT RELAY 24VAC
181	0130M00178	DPDT RELAY 24VAC (M1, M2, M5, M6, M8, M11)
181	0130M00096	RELAY (M3, M4, M7, M9, M10, M12, M13)
191	0130M00599	TRANSFMR,40VA,240V/208V TO 24V
261	0130P00104	ANTENNA (M3, M5, M9, M11, M12)
NS	RSKP0014	CONTROL BOARD KIT
NS	PCBCP147	PCB, CONTROL, D70 (QTY 2)
NS	0259P00018	WIRE HARNESS
NS	0259P00035	WIRE HARNESS ASSY (M3, M4, M7, M9, M10, M12, M13)

Expanded Model Nomenclature

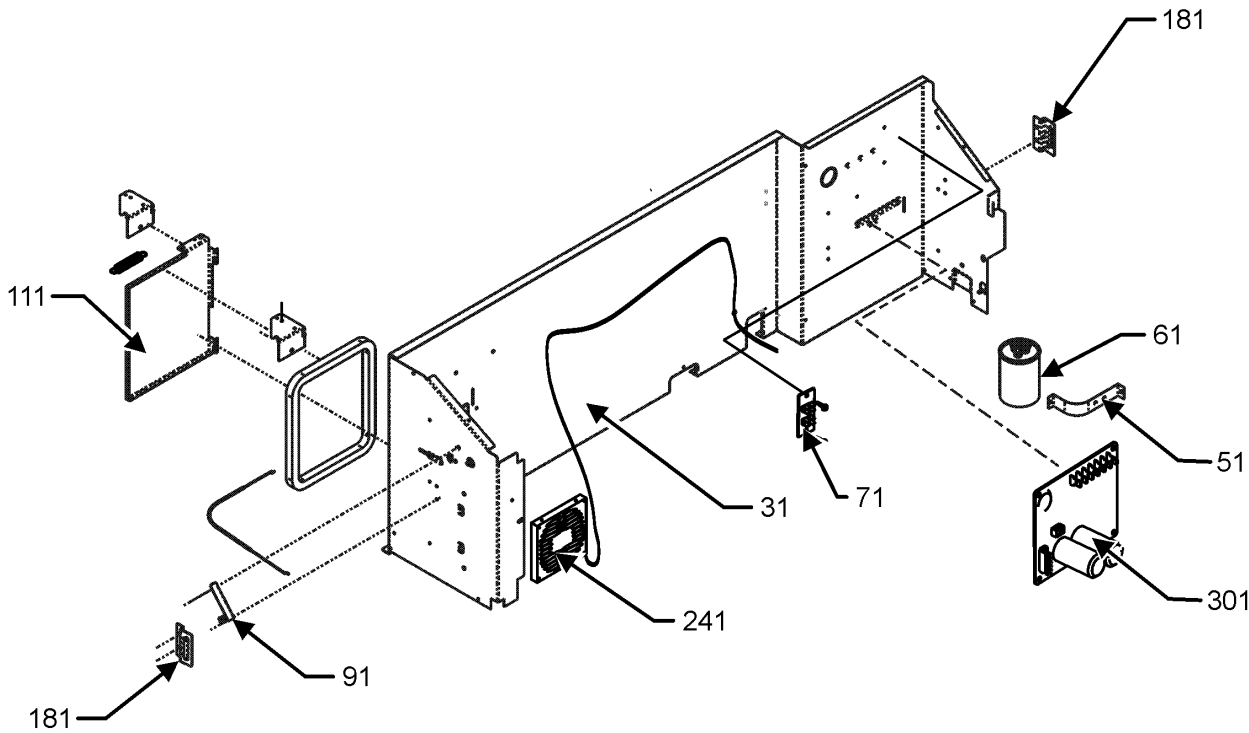
M1 - PMH093G25A XXXGA
 M2 - PMH093G25C XXXGA
 M3 - PMH093G25ERXXGA
 M4 - PMH093G25EXXXGA
 M5 - PMH093G25R XXXGA
 M6 - PMH093G35A XXXGA
 M7 - PMH093G35CEXXGA
 M8 - PMH093G35C XXXGA
 M9 - PMH093G35ERXXGA
 M10 - PMH093G35EXXXGA
 M11 - PMH093G35LRXXGA
 M12 - PMH093G50ERXXGA
 M13 - PMH093G50EXXXGA

Outdoor Air System and Partition Panel

OUTDOOR AIR SYSTEM



PARTITION PANEL ASSEMBLY



Outdoor Air System and Partition Panel

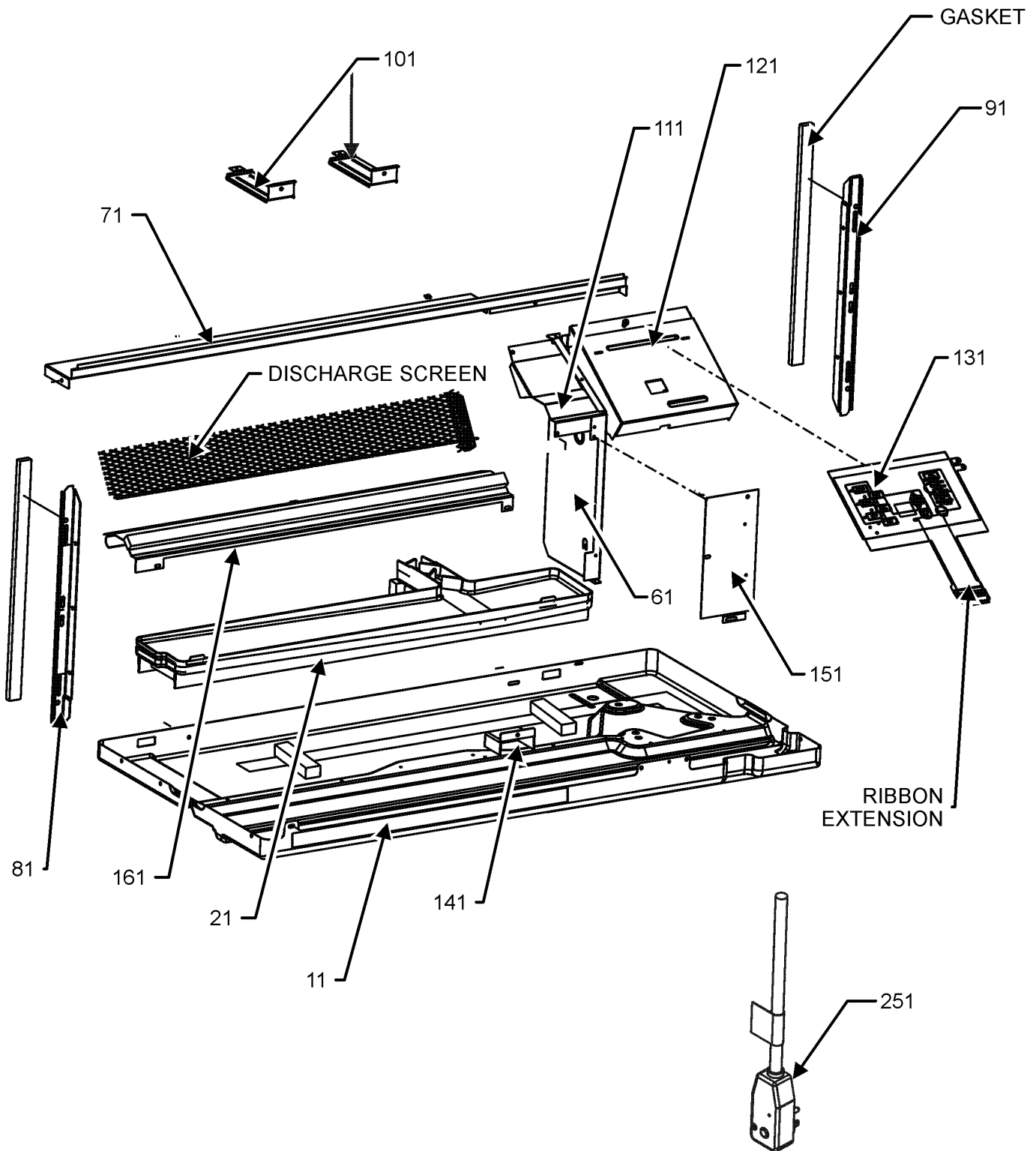
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0161P00110		CONDENSER SHROUD
21	0131P00033		FAN MOTOR, OUTDOOR
31	0121P00108NG		PANEL-PARTITION
41	0161P00055		FAN, CONDENSER
51	C6300502		CAPACITOR STRAP
61	CAP020250450CS		CAP, 2/25 MFD/450V/DUAL RD
71	802007090		TERMINAL BOARD
81	0130P00098		THERMISTOR OAT GREEN
111	0121P00208DG		VENT DOOR
181	11191703		PARTITION PANEL BRACKET (QTY 2)
241	0131P00044		HEATER, FAN, AXIAL, 250W (M3, M4, M7, M9, M10, M12, M13)
301	PCBEP104		INDOOR DC CONTROL MOTOR

Expanded Model Nomenclature

M1 - PMH093G25A XXXGA
M2 - PMH093G25C XXXGA
M3 - PMH093G25ER XXXGA
M4 - PMH093G25E XXXGA
M5 - PMH093G25R XXXGA
M6 - PMH093G35A XXXGA
M7 - PMH093G35CE XXXGA
M8 - PMH093G35C XXXGA
M9 - PMH093G35ER XXXGA
M10 - PMH093G35E XXXGA
M11 - PMH093G35LR XXXGA
M12 - PMH093G50ER XXXGA
M13 - PMH093G50E XXXGA

Base Pan Assembly

BASE PAN ASSEMBLY



Base Pan Assembly

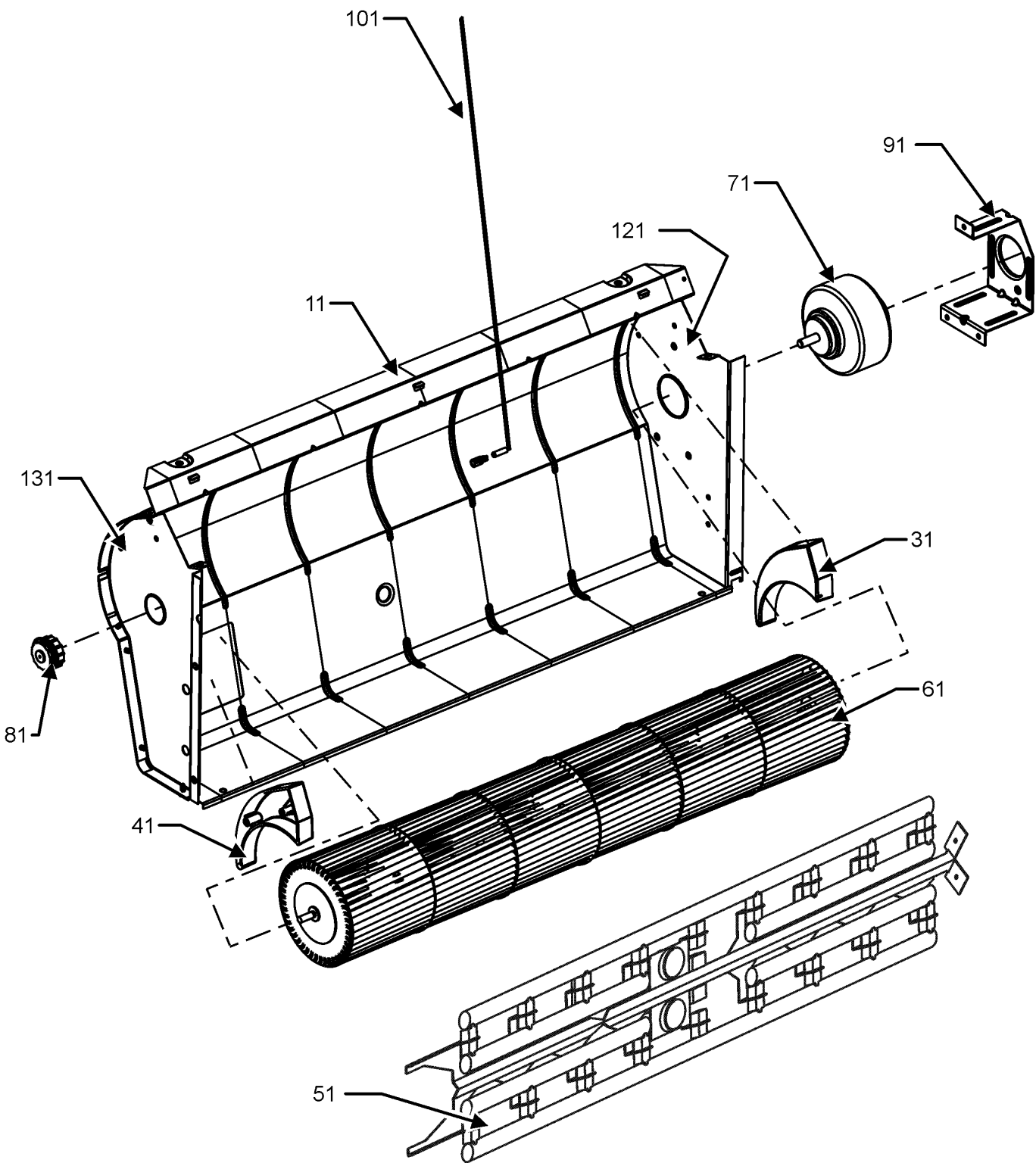
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0121P00175DG		BASEPAN (M1, M3, M4, M5, M6, M9, M10, M11, M12, M13)
11	0121P00175NG		BASEPAN (M2, M7, M8)
21	0161P00044		PLASTIC-DRAIN PAN
61	0121P00278		PANEL-MID PTN PTC
71	0121P00063NG		TOP, PARTITION PANEL
81	0121P00197		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)
251	0130P00115		CORD,250VAC,20A (LCD) (M6, M7, M8, M9, M10, M11)
251	0130P00118		CORD,250VAC,30A (LCD) (M12, M13)
NS	0130P00109		MEMBRANE (CONTROL)

Expanded Model Nomenclature

M1 - PMH093G25A XXXGA
 M2 - PMH093G25C XXXGA
 M3 - PMH093G25ER XXXGA
 M4 - PMH093G25EX XXXGA
 M5 - PMH093G25R XXXGA
 M6 - PMH093G35A XXXGA
 M7 - PMH093G35CE XXXGA
 M8 - PMH093G35C XXXGA
 M9 - PMH093G35ER XXXGA
 M10 - PMH093G35EX XXXGA
 M11 - PMH093G35LR XXXGA
 M12 - PMH093G50ER XXXGA
 M13 - PMH093G50EX XXXGA

Indoor Blower Assembly

INDOOR BLOWER ASSEMBLY



Indoor Blower Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

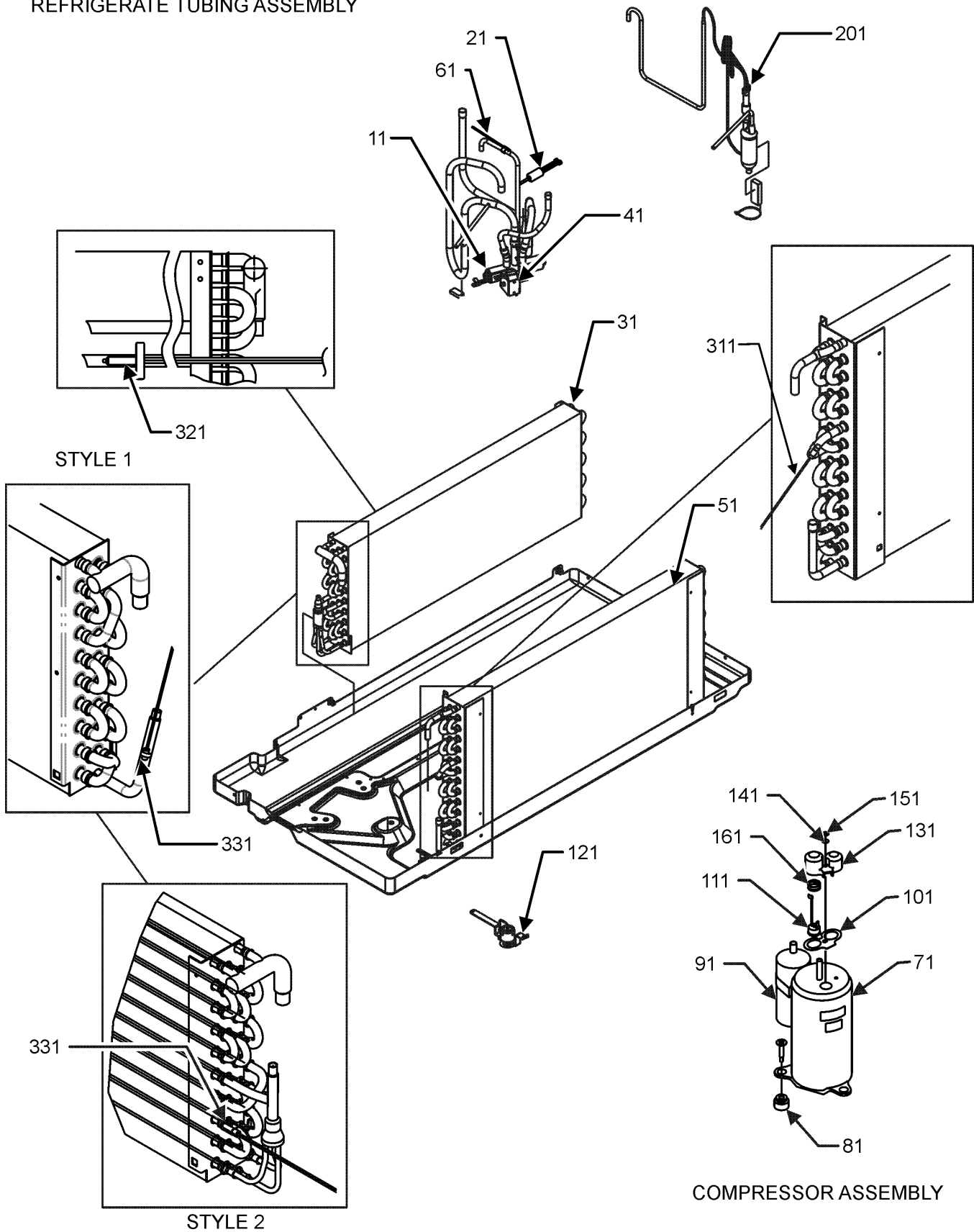
11	0270P01070	SCROLL ASSY
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00019	HEATER ASSY (M1, M2, M3, M4, M5)
51	0275P00038	HEATER ASSY (M6, M7, M8, M9, M10, M11)
51	0275P00039	HEATER ASSY (M12, M13)
61	0150P00005	WHEEL, BLOWER
71	0131P00029	FAN MOTOR, INDOOR
81	0163P00027	BEARING
91	0121P00048	BRACKET-MOTOR MOUNT
101	0130P00134	THERMISTOR IDT YELLOW
121	0121P00059DG	ENDPLATE-RH SCROLL
131	0121P00215DG	ENDPLATE- LH SCROLL

Expanded Model Nomenclature

M1 - PMH093G25A XXXGA
 M2 - PMH093G25C XXXGA
 M3 - PMH093G25ER XXXGA
 M4 - PMH093G25E XXXGA
 M5 - PMH093G25R XXXGA
 M6 - PMH093G35A XXXGA
 M7 - PMH093G35CE XXXGA
 M8 - PMH093G35C XXXGA
 M9 - PMH093G35ER XXXGA
 M10 - PMH093G35E XXXGA
 M11 - PMH093G35LR XXXGA
 M12 - PMH093G50ER XXXGA
 M13 - PMH093G50E XXXGA

Refrigerate Tubing Assembly

REFRIGERATE TUBING ASSEMBLY



Refrigerate Tubing Assembly

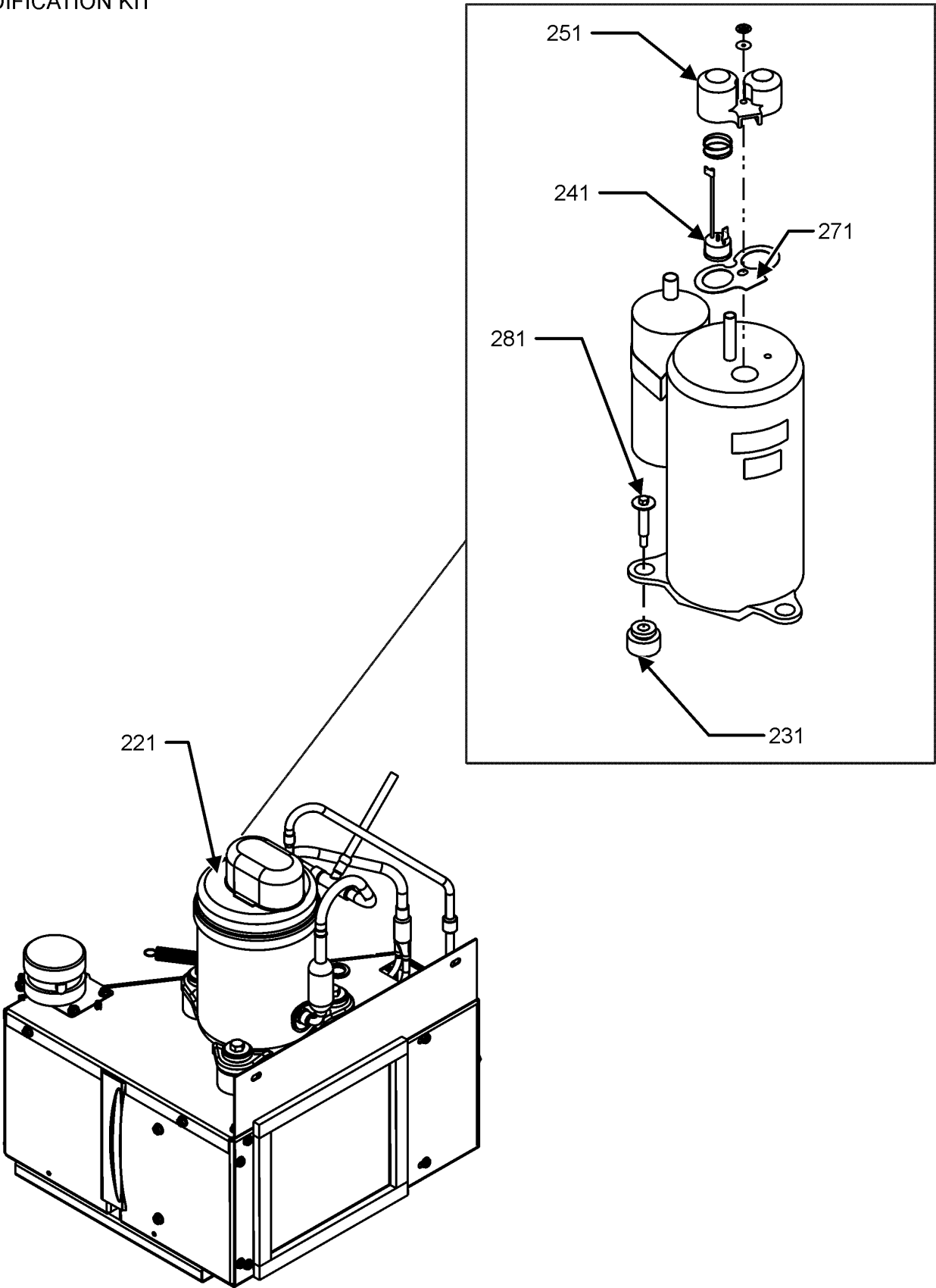
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0151P00013		PTAC Reversing Valve Assy
21	0130M00169		SWITCH, HIGH PRESS
31	0202P00094		7MM EVAP ASSY 3 ROW
41	0130P00022		REVERSING VALVE COIL
51	0201P00104MB		7MM CONDENSER ASSEMBLY PAINTED (M2, M7, M8)
51	0201P00098		7MM CONDENSER COIL ASSY (M1, M3, M4, M5, M6, M9, M10, M11, M12, M13)
61	0130P00077		THERMISTOR (M3, M5, M9, M11, M12)
71	39B202AD&0JKZ		COMPRESSOR, RECHI
81	60130203		GROMMET - RECHI COMPRESSOR (QTY 3)
91	0163M00079		SHOULDER SCREW (QTY 3)
101	60100103		TERMINAL GASKET
111	60345620A		OVERLOAD PROTECTOR-CLEAR PLUG
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	0210P00482		CAPILLARY ASSY
311	0130P00130		THERMISTOR OCT BLUE
321	0130P00164		THERMISTOR IAT BLACK
331	0130P00159		THERMISTOR ICT RED
NS	BT1392310		PLASTIC CLAMP, .1875 DIA (M3, M4, M7, M9, M10, M12, M13)

Expanded Model Nomenclature

M1 - PMH093G25A XXXGA
M2 - PMH093G25C XXXGA
M3 - PMH093G25ER XXXGA
M4 - PMH093G25E XXXGA
M5 - PMH093G25R XXXGA
M6 - PMH093G35A XXXGA
M7 - PMH093G35CE XXXGA
M8 - PMH093G35C XXXGA
M9 - PMH093G35ER XXXGA
M10 - PMH093G35E XXXGA
M11 - PMH093G35LR XXXGA
M12 - PMH093G50ER XXXGA
M13 - PMH093G50E XXXGA

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	0163P00029	CAPACITOR CLAMP
NS	0161P00052SW	FILTER RACK
NS	0130P00133	HUMIDITY SENSOR
NS	11149201	MUFFIN FAN
NS	0130P00145	THERMISTOR DTT GRAY
NS	0130P00132	THERMISTOR STT BROWN
NS	0270P01351DG	VENT/DEHUMIDIFICATION KIT
NS	0259P00018	WIRE HARNESS

Expanded Model Nomenclature

M1 - PMH093G25AXXXGA
 M2 - PMH093G25CXXXGA
 M3 - PMH093G25ERXXGA
 M4 - PMH093G25EXXXGA
 M5 - PMH093G25RXXXGA
 M6 - PMH093G35AXXXGA
 M7 - PMH093G35CEXXGA
 M8 - PMH093G35CXXXGA
 M9 - PMH093G35ERXXGA
 M10 - PMH093G35EXXXGA
 M11 - PMH093G35LRXXGA
 M12 - PMH093G50ERXXGA
 M13 - PMH093G50EXXXGA