



REPAIR PARTS

PMH074G Package Terminal Heat Pump

PMH074G25AXXXGA

PMH074G25EXXXGA

PMH074G35ERXXGA

PMH074G35EXXXGA



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This manual is to be used by qualified technicians only.

This manual replaces RP-A5320

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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:

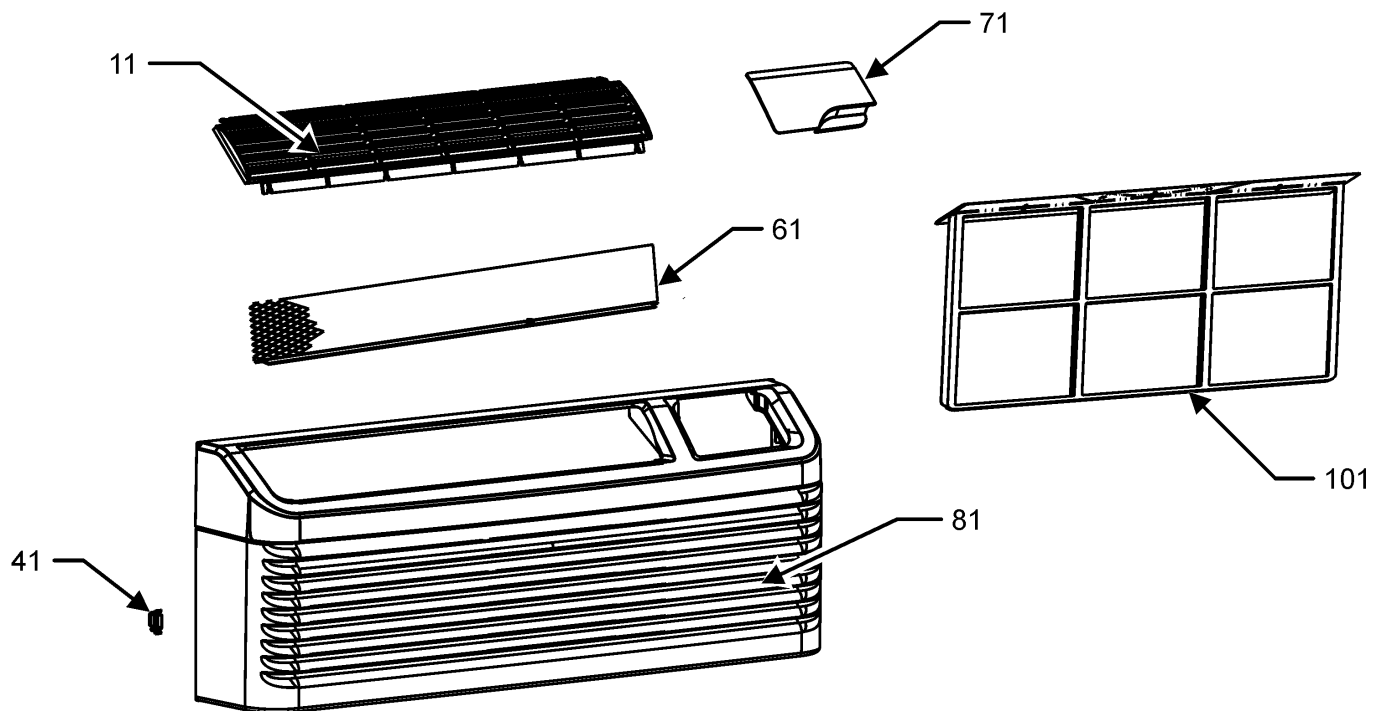
20406303	BASE PAN VALVE
CAP020150450CS	CAP, 2/15 MFD/450V/DUAL RD
CAP065000440RP	CAPACITOR
BSA357CH-R1ANW	COMPRESSOR, HITACHI, 1HP
39A167AD&9DKZ	COMPRESSOR, RECHI
RSKP0014	CONTROL BOARD KIT
RSKP0012	CONTROL BOARD M70
RSKP0015	CONTROL PANEL COVER AND MEMBRANE
0130P00128	CORD, 277V, 20A
0130M00178	DPDT RELAY 24VAC (QTY 2)
0131P00029	FAN MOTOR, INDOOR
0131P00034	FAN MOTOR, OUTDOOR
0161P00055	FAN, CONDENSER
0131P00078	FAN, MUFFIN
A3410402	FUSE-15A - BLUE (M1, M2)
A3410403	FUSE-20A - ORANGE (M3, M4)
0275P00023	HEATER ASSY (M1, M2)
0275P00040	HEATER ASSY (M3, M4)
0131P00045	HEATER, FAN, AXIAL, 250W, 265V (M2, M3, M4)
0130P00133	HUMIDITY SENSOR
PCBEP104	INDOOR DC CONTROL MOTOR
0130P00136	OVERLOAD
60349606A	OVERLOAD PROTECTOR-BLACK DOT
PCBCP150	PCB CONTROL
PCBCP147	PCB, CONTROL, D70
0151P00014	PTAC Reversing Valve Assy
0130M00097	RELAY (M2, M3, M4)
0130P00022	REVERSING VALVE COIL
0130M00169	SWITCH, HIGH PRESS
802007090	TERMINAL BOARD
0130P00077	THERMISTOR (M3)
0130P00130	THERMISTOR
0130P00132	THERMISTOR
0130P00134	THERMISTOR
0130P00098	THERMISTOR GREEN OAT
0130P00165	Thermistor Evap coil 7mm
0130P00164	Thermistor ID air 7mm
0130P00145	THERMISTOR, .250 CLIP, GRAY
0130M00601	TRANSFORMER, 40VA, 277V TO 24V (QTY 2)
0150P00005	WHEEL, BLOWER

Expanded Model Nomenclature

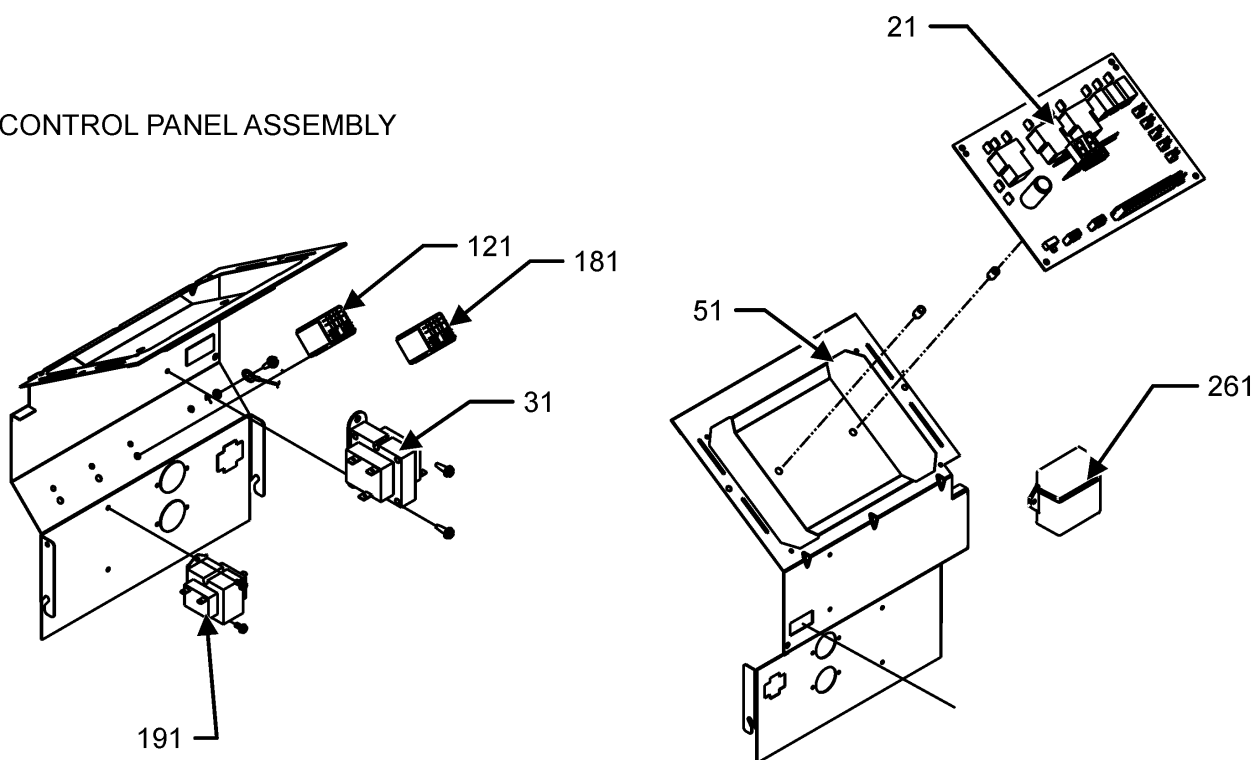
M1 - PMH074G25AXXXGA
M2 - PMH074G25EXXXGA
M3 - PMH074G35ERXXGA
M4 - PMH074G35EXXXGA

Front Panel and Control Panel Assembly

FRONT PANEL ASSEMBLY



CONTROL PANEL ASSEMBLY



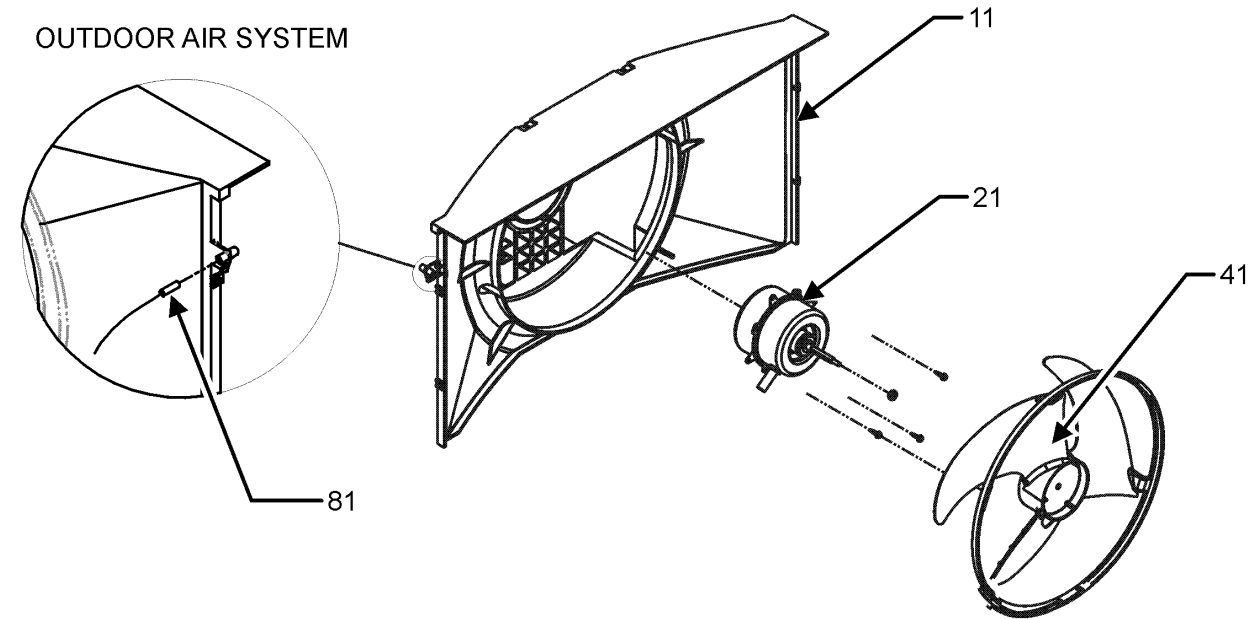
Front Panel and Control Panel Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0161P00048		FRONT, LOUVERS DISCHARGE
21	RSKP0012		CONTROL BOARD M70
31	0130M00601		TRANSFORMER, 40VA, 277V 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
181	0130M00178		DPDT RELAY 24VAC
191	0130M00601		TRANSFORMER, 40VA, 277V TO 24V
261	0130P00104		ANTENNA (M3)
NS	RSKP0014		CONTROL BOARD KIT
NS	A3410402		FUSE-15A - BLUE (M1, M2)
NS	A3410403		FUSE-20A - ORANGE (M3, M4)
NS	C6476001		HOLDER-BAYONET FUSE - BLUE (M1, M2)
NS	C6476002		HOLDER-BAYONET FUSE - ORANGE (M3, M4)
NS	PCBCP150		PCB CONTROL
NS	PCBCP147		PCB, CONTROL, D70
NS	0130M00097		RELAY (M2, M3, M4)

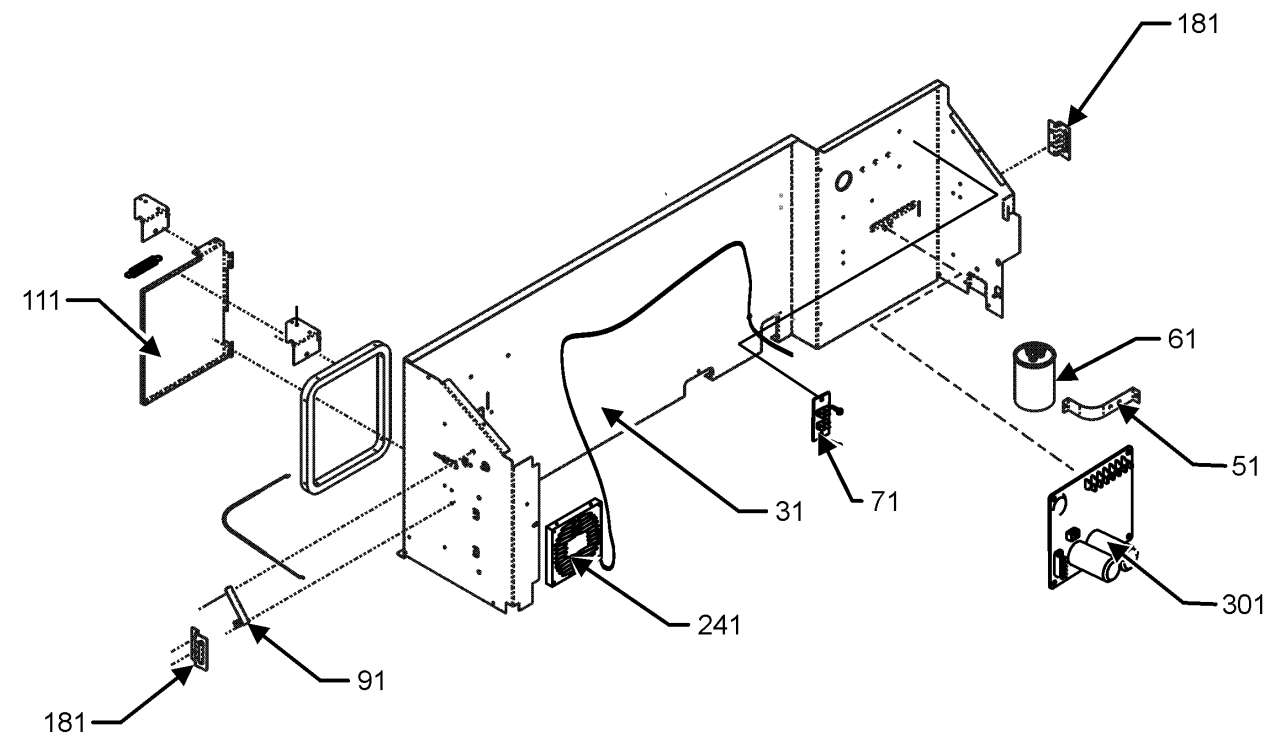
Expanded Model Nomenclature

M1 - PMH074G25A XXXGA M2 - PMH074G25E XXXGA M3 - PMH074G35E RXXGA M4 - PMH074G35E XXXGA
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Outdoor Air System and Partition Panel



PARTITION PANEL ASSEMBLY



Outdoor Air System and Partition Panel

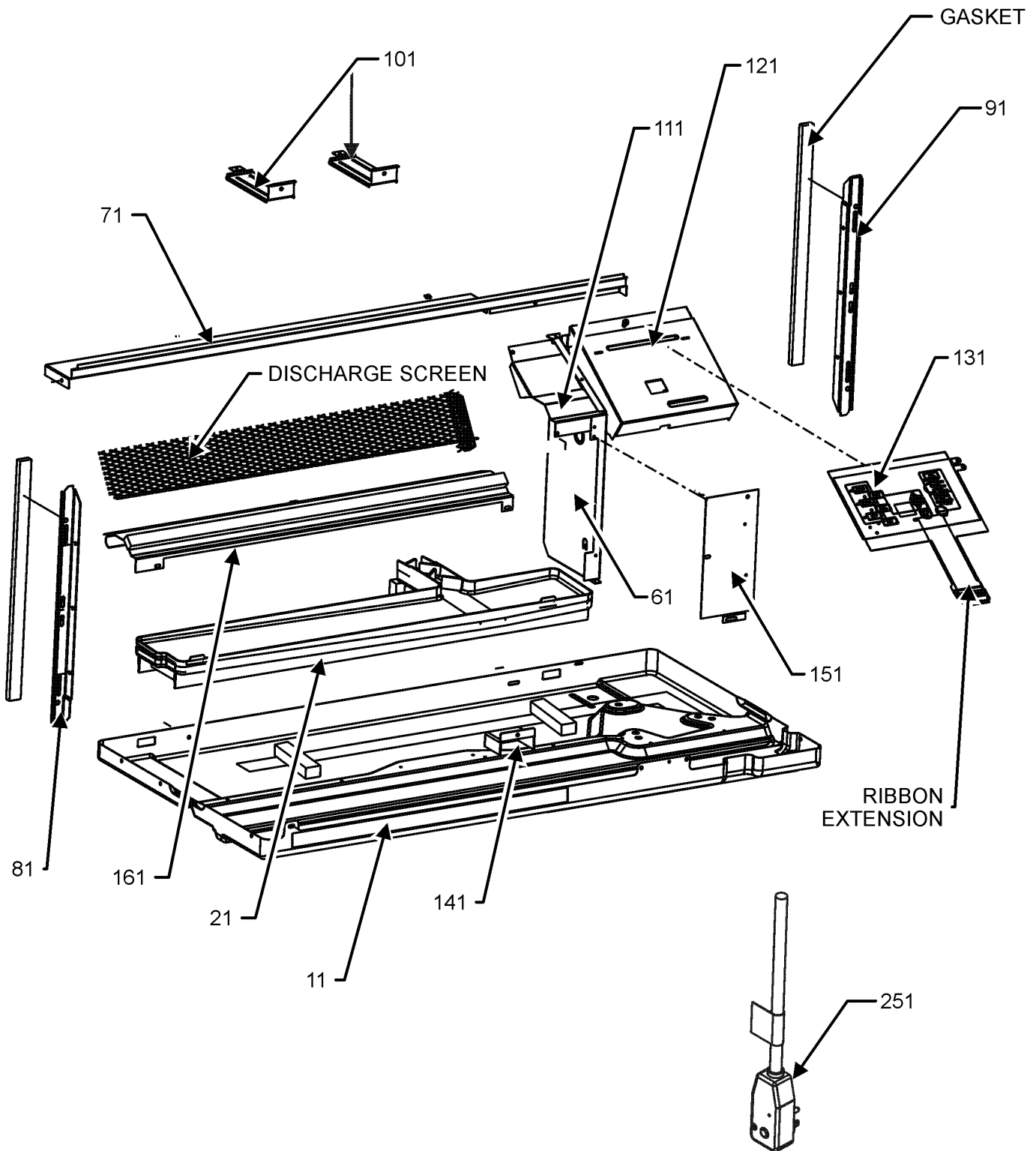
Ref. Part			Ref. Part		
No:	No:	Description:	No:	No:	Description:
Image 1:					
11	0161P00110	CONDENSER SHROUD			
21	0131P00034	FAN MOTOR, OUTDOOR			
31	0121P00108	PANEL-PARTITION			
41	0161P00055	FAN, CONDENSER			
51	C6300502	CAPACITOR STRAP			
61	CAP020150450CS	CAP, 2/15 MFD/450V/DUAL RD			
71	802007090	TERMINAL BOARD			
81	0130P00098	THERMISTOR GREEN OAT			
111	0121P00208DG	VENT DOOR			
181	11191703	PARTITION PANEL BRACKET (QTY 2)			
241	0131P00045	HEATER, FAN, AXIAL, 250W, 265V (M2, M3, M4)			
301	PCBEP104	INDOOR DC CONTROL MOTOR			
NS	0259P00018	WIRE HARNESS			

Expanded Model Nomenclature

M1 - PMH074G25AXXXGA
M2 - PMH074G25EXXXGA
M3 - PMH074G35ERXXGA
M4 - PMH074G35EXXXGA

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:

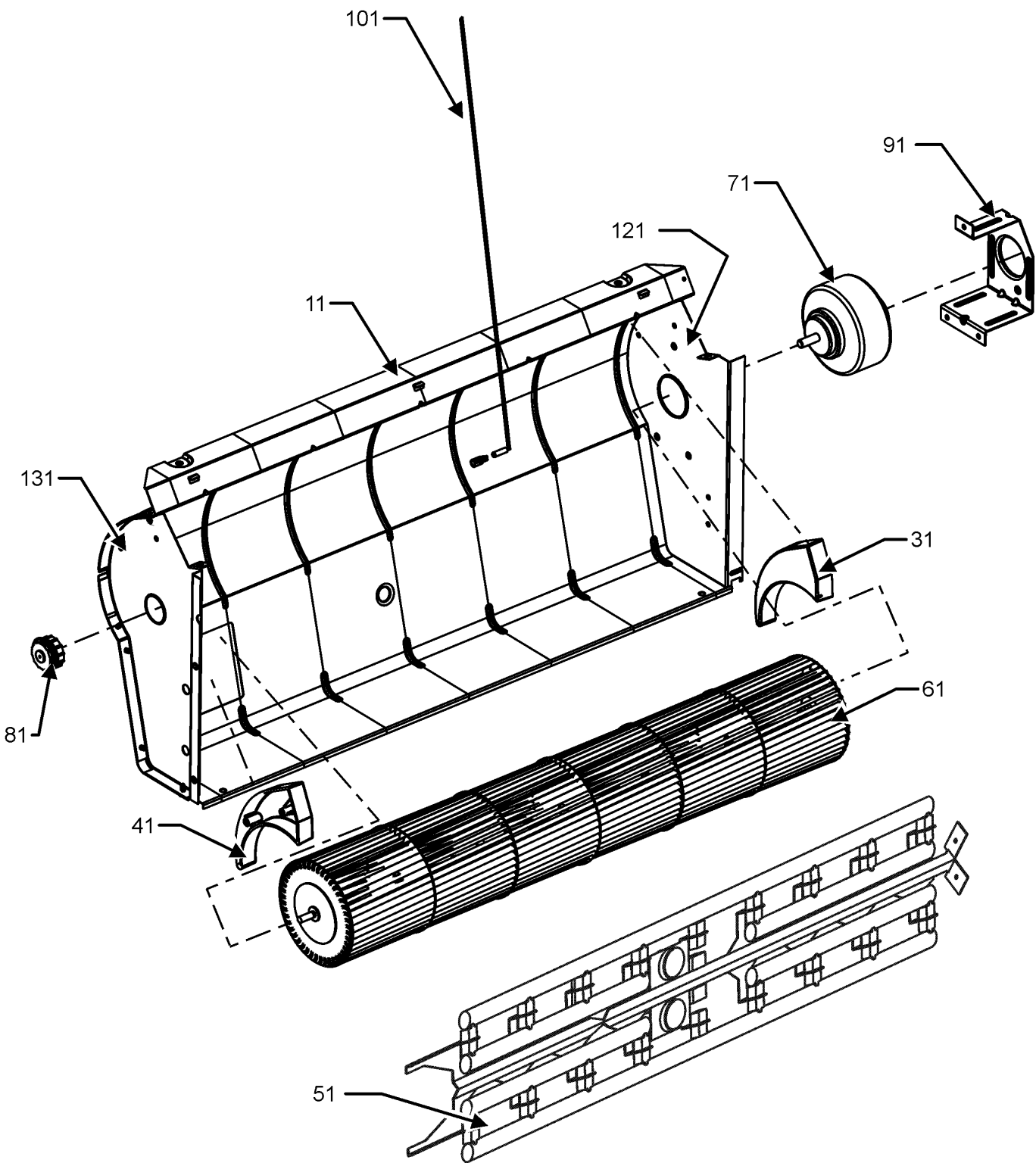
11	0121P00175DG	BASEPAN
21	0161P00044	PLASTIC-DRAIN PAN
61	0121P00278	PANEL-MID PTN PTC
71	0121P00063	TOP, PARTITION PANEL
81	0121P00197	SEAL-L SIDE PTC
91	0121P00198	SEAL-R SIDE PTC
101	0121P00071	BRACE, TIE (QTY 2)
111	0121P00070DG	COVER, MOTOR
121	0121P00280	COVER-CONTROL PANEL
131	RSKP0015	CONTROL PANEL COVER AND MEMBRANE
141	0161P00016	PLASTIC-HOOD
151	20410801	ACCESS COVER
161	0121P00061DG	CUTOFF-SCROLL DG
251	0130P00128	CORD, 277V, 20A
NS	0130P00109	MEMBRANE (CONTROL)

Expanded Model Nomenclature

M1 - PMH074G25A XXXGA
M2 - PMH074G25EXXXGA
M3 - PMH074G35ERXXGA
M4 - PMH074G35EXXXGA

Indoor Blower Assembly

INDOOR BLOWER ASSEMBLY



Indoor Blower Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

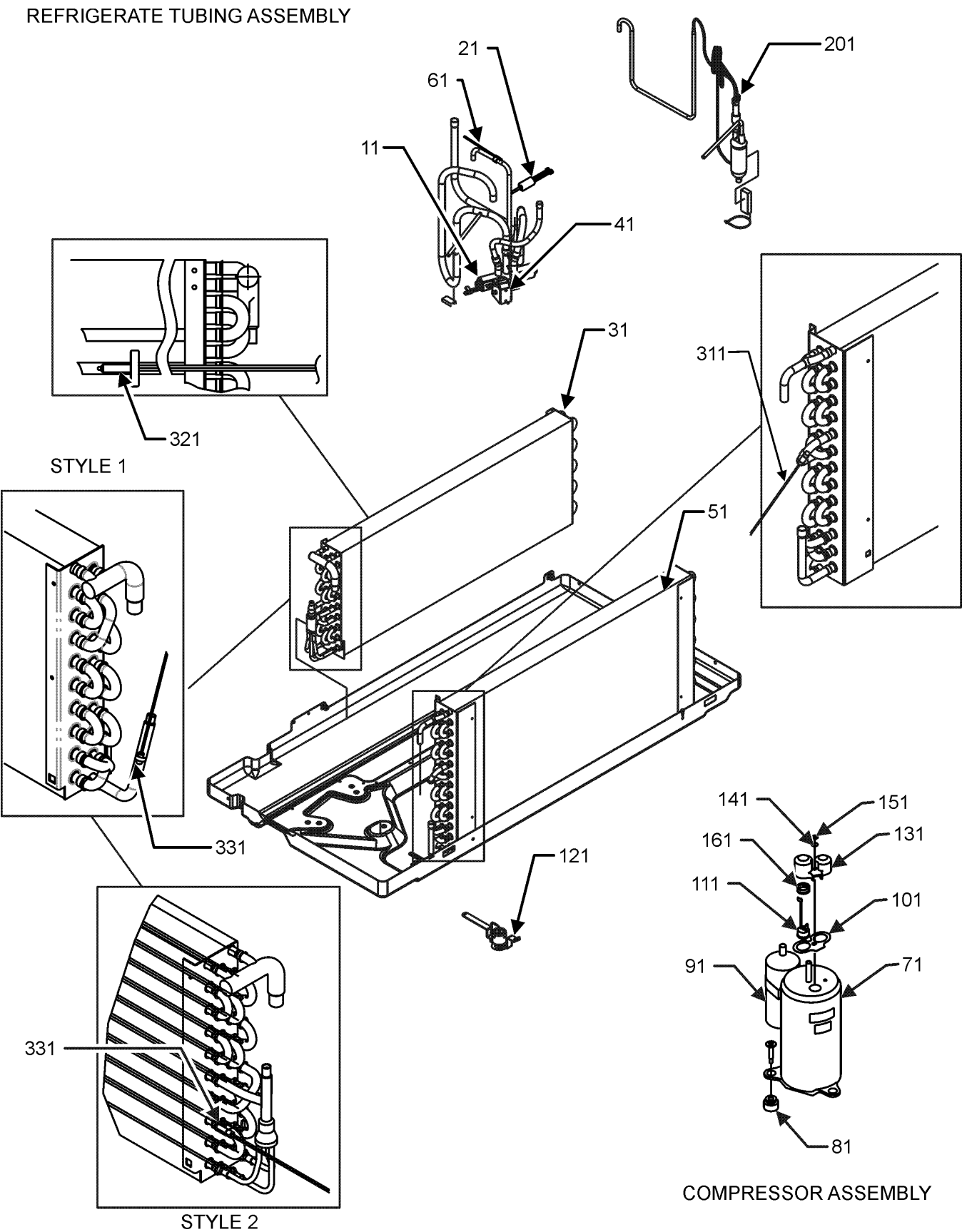
Image 1:

11	0270P01070	SCROLL ASSY
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00023	HEATER ASSY (M1, M2)
51	0275P00040	HEATER ASSY (M3, M4)
61	0150P00005	WHEEL, BLOWER
71	0131P00029	FAN MOTOR, INDOOR
81	0163P00027	BEARING
91	0121P00048	BRACKET-MOTOR MOUNT
101	0130P00134	THERMISTOR
121	0121P00059DG	ENDPLATE-RH SCROLL
131	0121P00215DG	ENDPLATE- LH SCROLL

Expanded Model Nomenclature

M1 - PMH074G25AXXXGA
M2 - PMH074G25EXXXGA
M3 - PMH074G35ERXXGA
M4 - PMH074G35EXXXGA

Refrigerate Tubing Assembly



Refrigerate Tubing Assembly

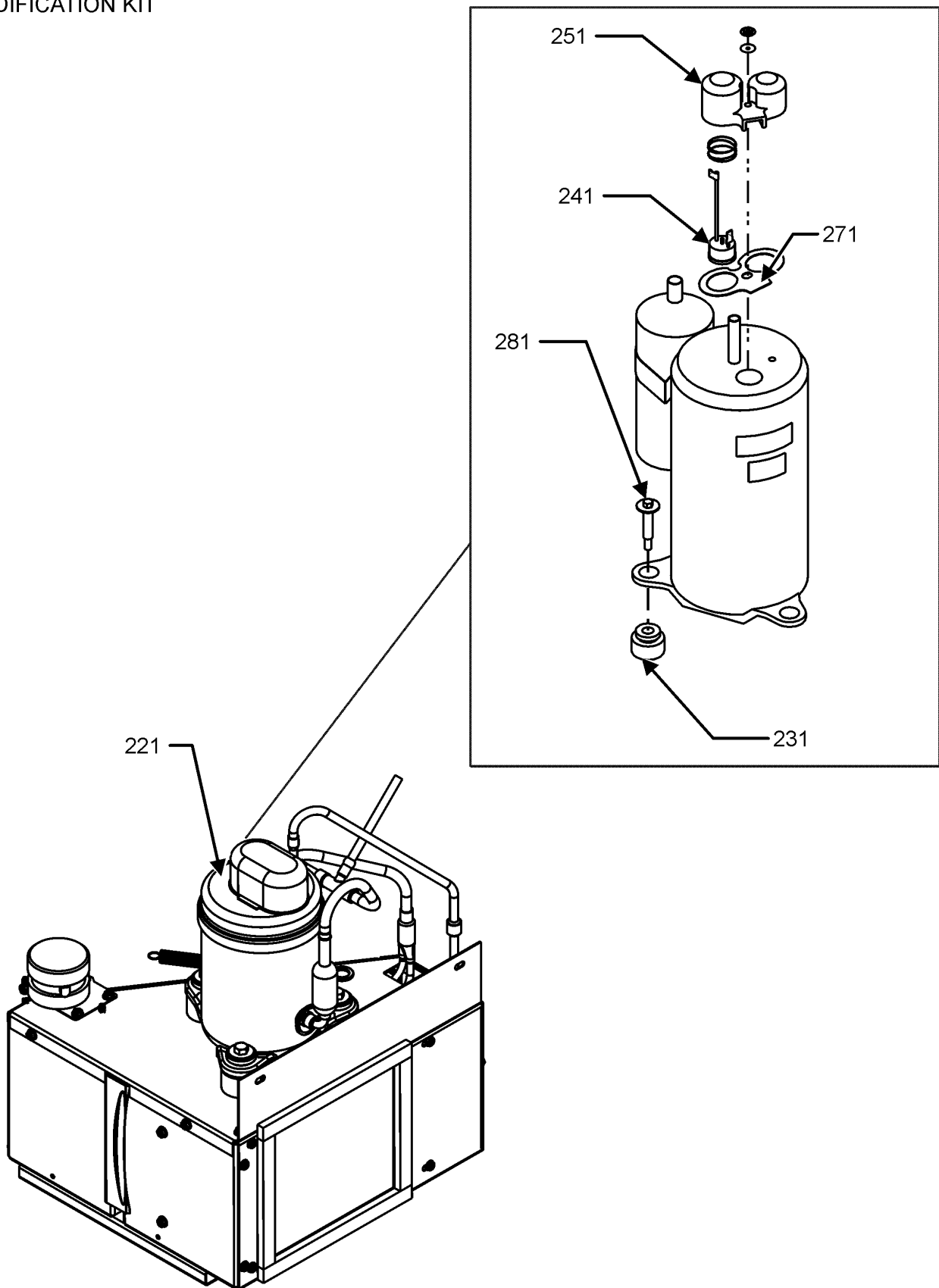
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0151P00014		PTAC Reversing Valve Assy
21	0130M00169		SWITCH, HIGH PRESS
31	0202P00114		7MM EVAP ASSY 2 ROW
41	0130P00022		REVERSING VALVE COIL
51	0201P00166		7MM CONDENSER COIL ASSY
61	0130P00077		THERMISTOR (M3)
71	39A167AD&9DKZ		COMPRESSOR, RECHI
81	60130203		GROMMET - RECHI COMPRESSOR (QTY 3)
91	0163M00079		SHOULDER SCREW (QTY 3)
101	60100103		TERMINAL GASKET
111	60349606A		OVERLOAD PROTECTOR-BLACK DOT
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	0210P00497		CAPILLARY ASSY
311	0130P00130		THERMISTOR
321	0130P00164		Thermistor ID air 7mm
331	0130P00165		Thermistor Evap coil 7mm
NS	BT1392310		PLASTIC CLAMP, .1875 DIA (M2, M3, M4)

Expanded Model Nomenclature

M1 - PMH074G25A XXXGA M2 - PMH074G25E XXXGA M3 - PMH074G35E RXXGA M4 - PMH074G35E XXXGA
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Vent/Dehumidification Kit

DEHUMIDIFICATION KIT



Vent/Dehumidification Kit

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

221	BSA357CH-R1ANW	COMPRESSOR, HITACHI, 1HP
231	0163M00272	COMPRESSOR GROMMET (QTY 3)
241	0130P00136	OVERLOAD
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	0164M00127	BOOT, CAPACITOR
NS	CAP065000440RP	CAPACITOR
NS	0163P00029	CAPACITOR CLAMP
NS	0131P00078	FAN, MUFFIN
NS	0161P00052SW	FILTER RACK
NS	0130P00133	HUMIDITY SENSOR
NS	0130P00132	THERMISTOR
NS	0130P00145	THERMISTOR, .250 CLIP, GRAY
NS	0270P01411DG	VENT/DEHUMIDIFICATION KIT
NS	0259P00018	WIRE HARNESS

Expanded Model Nomenclature

M1 - PMH074G25AXXXGA

M2 - PMH074G25EXXXGA

M3 - PMH074G35ERXXGA

M4 - PMH074G35EXXXGA