



REPAIR PARTS

PMH073G Package Terminal Heat Pump

PMH073G25AXXXGA
PMH073G25CXXXGA
PMH073G25ERXXGA
PMH073G25EXXXGA
PMH073G35AXXXGA
PMH073G35CXXXGA
PMH073G35ERXXGA
PMH073G35EXXXGA
PMH073G35LRXXGA



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This manual is to be used by qualified technicians only.

This manual replaces RP-A5319.

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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:

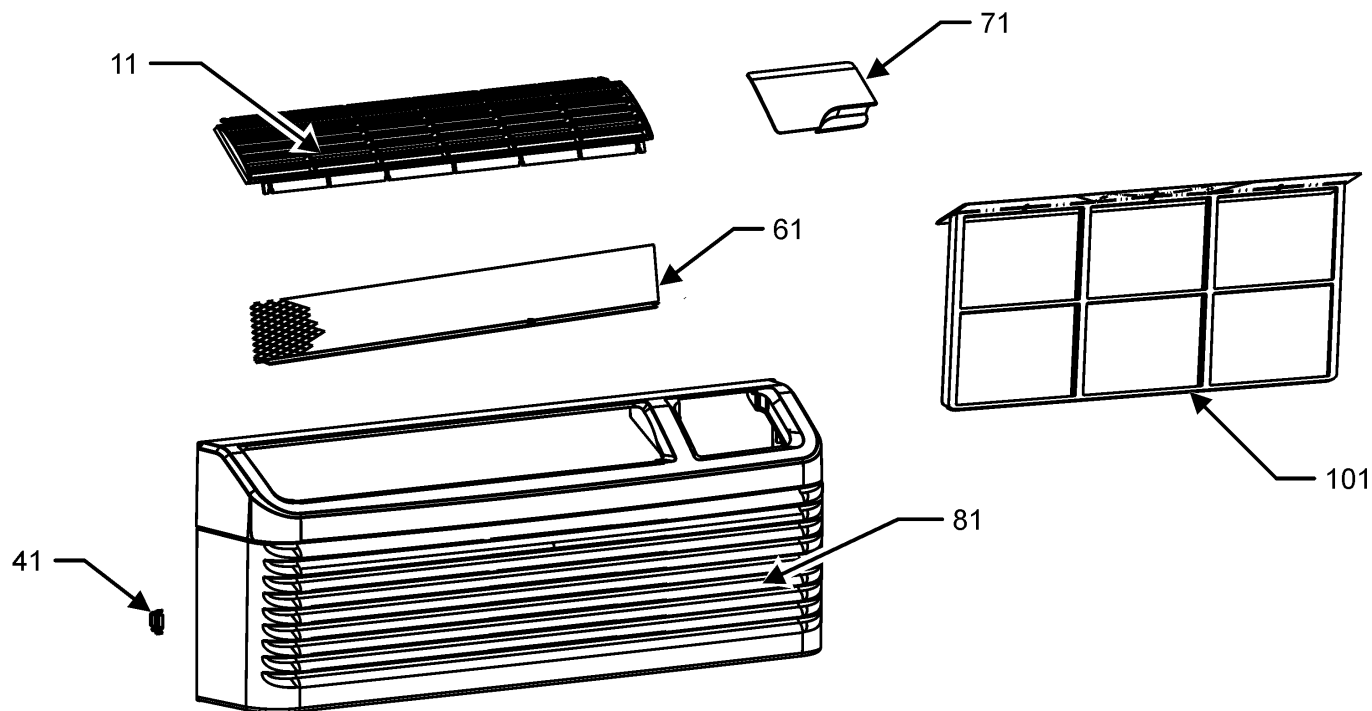
20406303	BASE PAN VALVE
CAP020150450CS	CAP, 2/15 MFD/450V/DUAL RD
CAP065000440RP	CAPACITOR
BSA357CN	COMPRESSOR, HITACHI 1 HP
39B152AD&9DKZ	COMPRESSOR, RECHI
RSKP0012	CONTROL BOARD M70
RSKP0015	CONTROL PANEL COVER AND MEMBRANE
0130P00112	CORD, 250VAC, 15A (LCD) (M1, M2, M3, M4)
0130P00115	CORD, 250VAC, 20A (LCD) (M5, M6, M7, M8, M9)
0130M00178	DPDT RELAY 24VAC (QTY 2)
0131P00029	FAN MOTOR, INDOOR
0131P00033	FAN MOTOR, OUTDOOR
0161P00055	FAN, CONDENSER
0275P00038	HEATER ASSY (M5, M6, M7, M8, M9)
0275P00019	HEATER ASSY (M1, M2, M3, M4)
0131P00044	HEATER, FAN, AXIAL, 250W (M3, M4, M7, M8)
0130P00133	HUMIDITY SENSOR
PCBEP104	INDOOR DC CONTROL MOTOR
11149201	MUFFIN FAN
0130P00136	OVERLOAD PROTECTOR
60343542	PROTECTOR, OVERLOAD, RECHI
0151P00013	PTAC Reversing Valve Assy
0130M00096	RELAY (M3, M4, M7, M8)
0130P00022	REVERSING VALVE COIL
0130M00169	SWITCH, HIGH PRESS
802007090	TERMINAL BOARD
0130P00077	THERMISTOR (M3, M7, M9)
0130P00145	THERMISTOR DTT GRAY
0130P00164	THERMISTOR IAT BLACK
0130P00165	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
PCBCP147	PCB, CONTROL, D70

Expanded Model Nomenclature

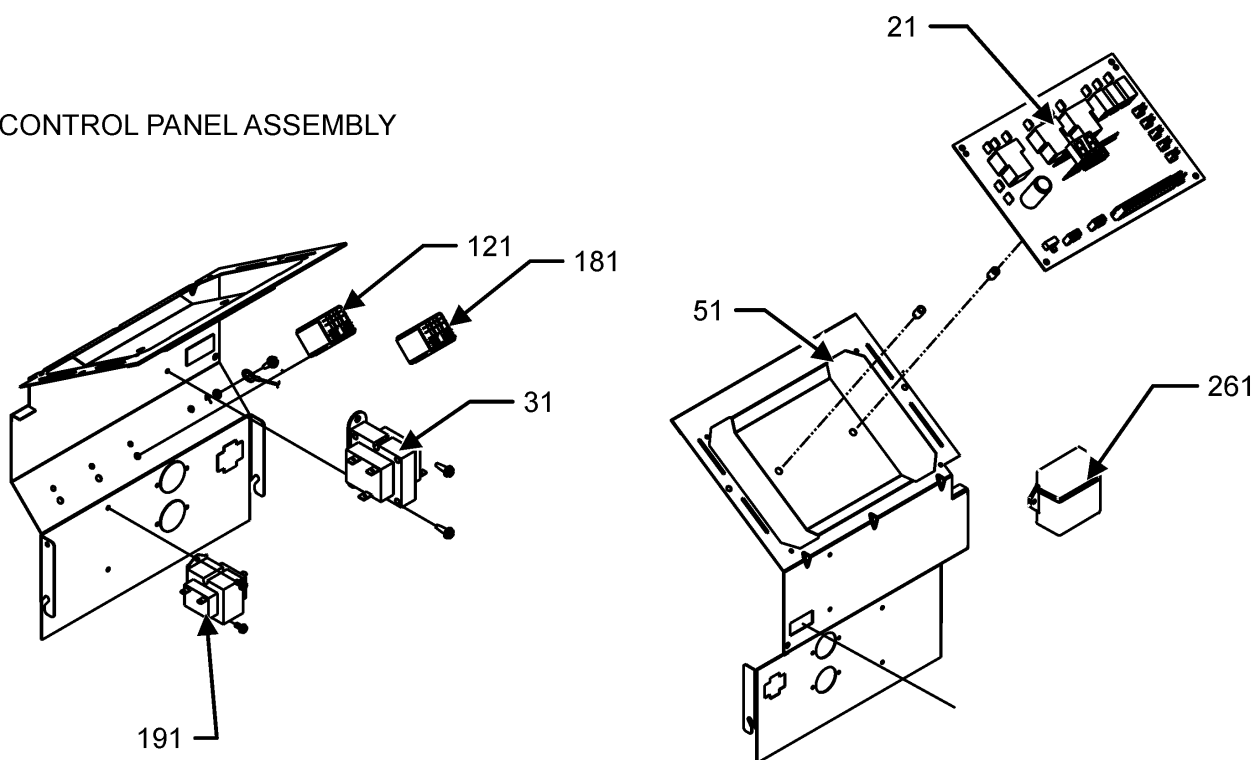
M1 - PMH073G25AXXXGA
M2 - PMH073G25CXXXGA
M3 - PMH073G25ERXXGA
M4 - PMH073G25EXXXGA
M5 - PMH073G35AXXXGA
M6 - PMH073G35CXXXGA
M7 - PMH073G35ERXXGA
M8 - PMH073G35EXXXGA
M9 - PMH073G35LRXXGA

Front Panel and Control Panel Assembly

FRONT PANEL ASSEMBLY



CONTROL PANEL ASSEMBLY



Front Panel and Control Panel Assembly

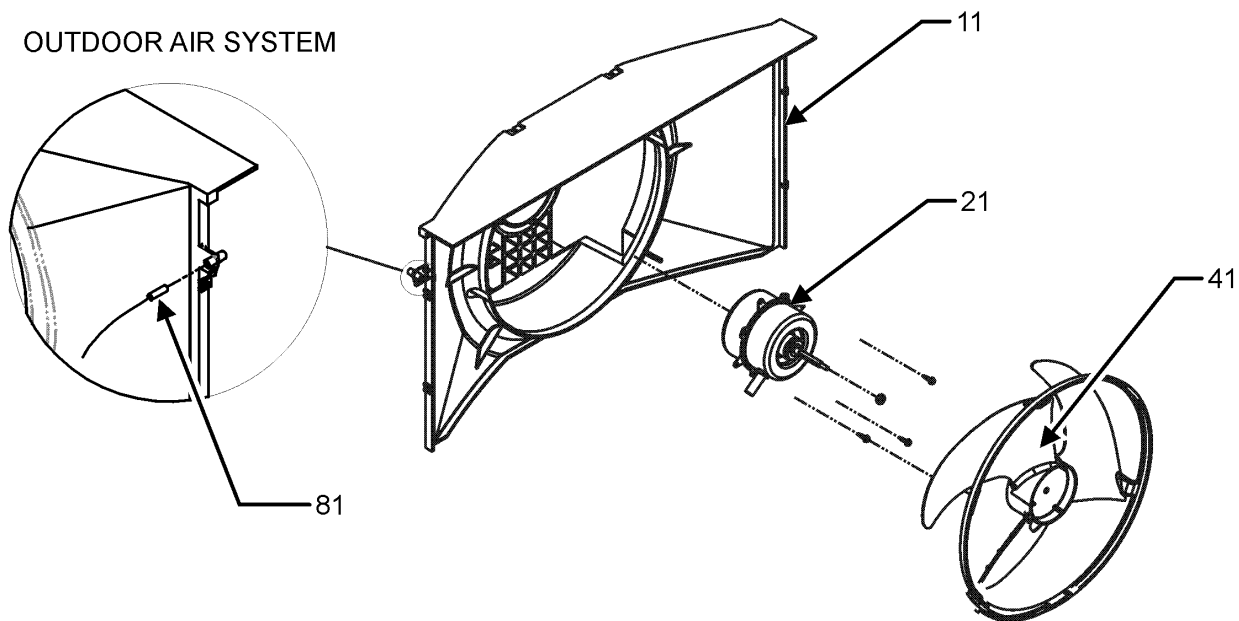
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0161P00114		FRONT, LOUVERS DISCHARGE
21	RSKP0012		CONTROL BOARD M70
31	0130M00599		TRANSFMR,40VA,240V/208V TO 24V
41	0163P00025		CLIP (QTY 2)
51	0121P00130		PANEL, CONTROL
61	0121P00194BL		SCREEN, DISCHARGE, PAINTED
71	0261P00003		DOOR ASSY -AMANA-
81	0261P00024		FRONT ASSY
101	0161P00035		FILTER, RACK (QTY 2)
121	0130M00178		DPDT RELAY 24 VAC
181	0130M00178		DPDT RELAY 24 VAC
191	0130M00599		TRANSFMR,40VA,240V/208V TO 24V
261	0130P00104		ANTENNA (M3, M7, M9)
NS	0130M00096		RELAY (M3, M4, M7, M8)
NS	PCBCP147		PCB, CONTROL, D70

Expanded Model Nomenclature

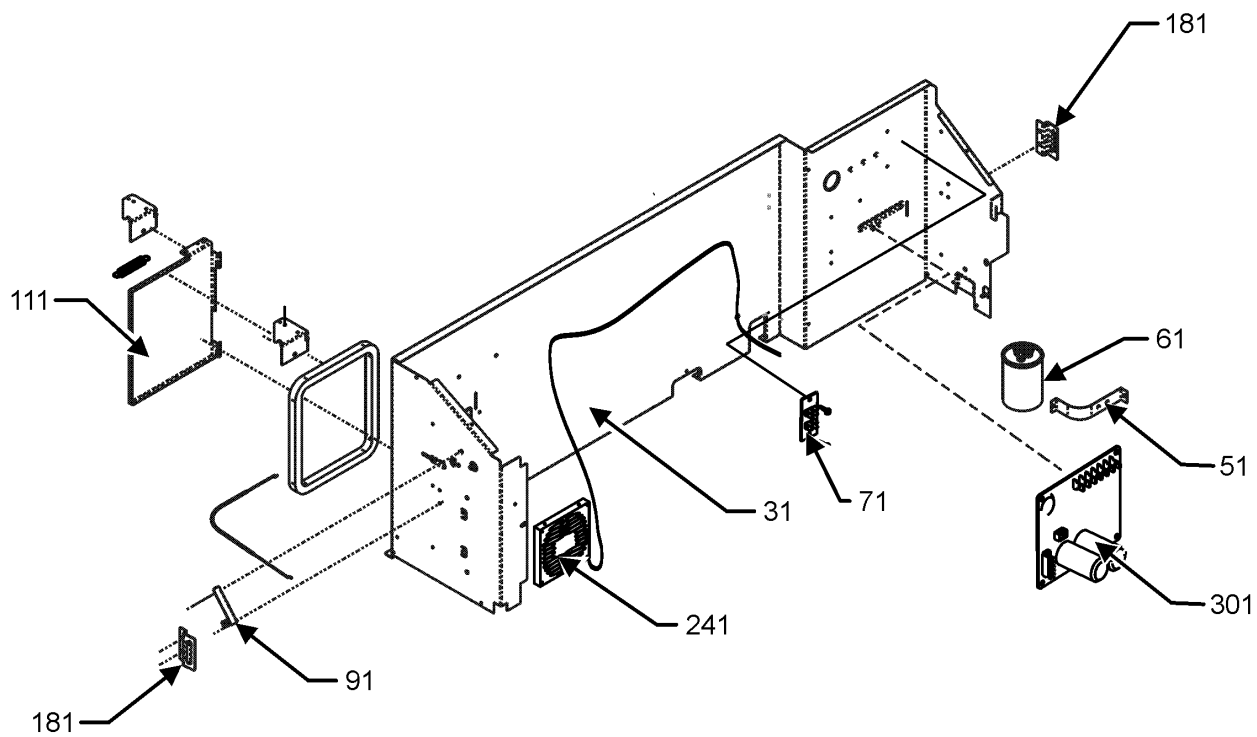
M1 - PMH073G25AXXXGA
M2 - PMH073G25CXXXGA
M3 - PMH073G25ERXXGA
M4 - PMH073G25EXXXGA
M5 - PMH073G35AXXXGA
M6 - PMH073G35CXXXGA
M7 - PMH073G35ERXXGA
M8 - PMH073G35EXXXGA
M9 - PMH073G35LRXXGA

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:
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Image 1:

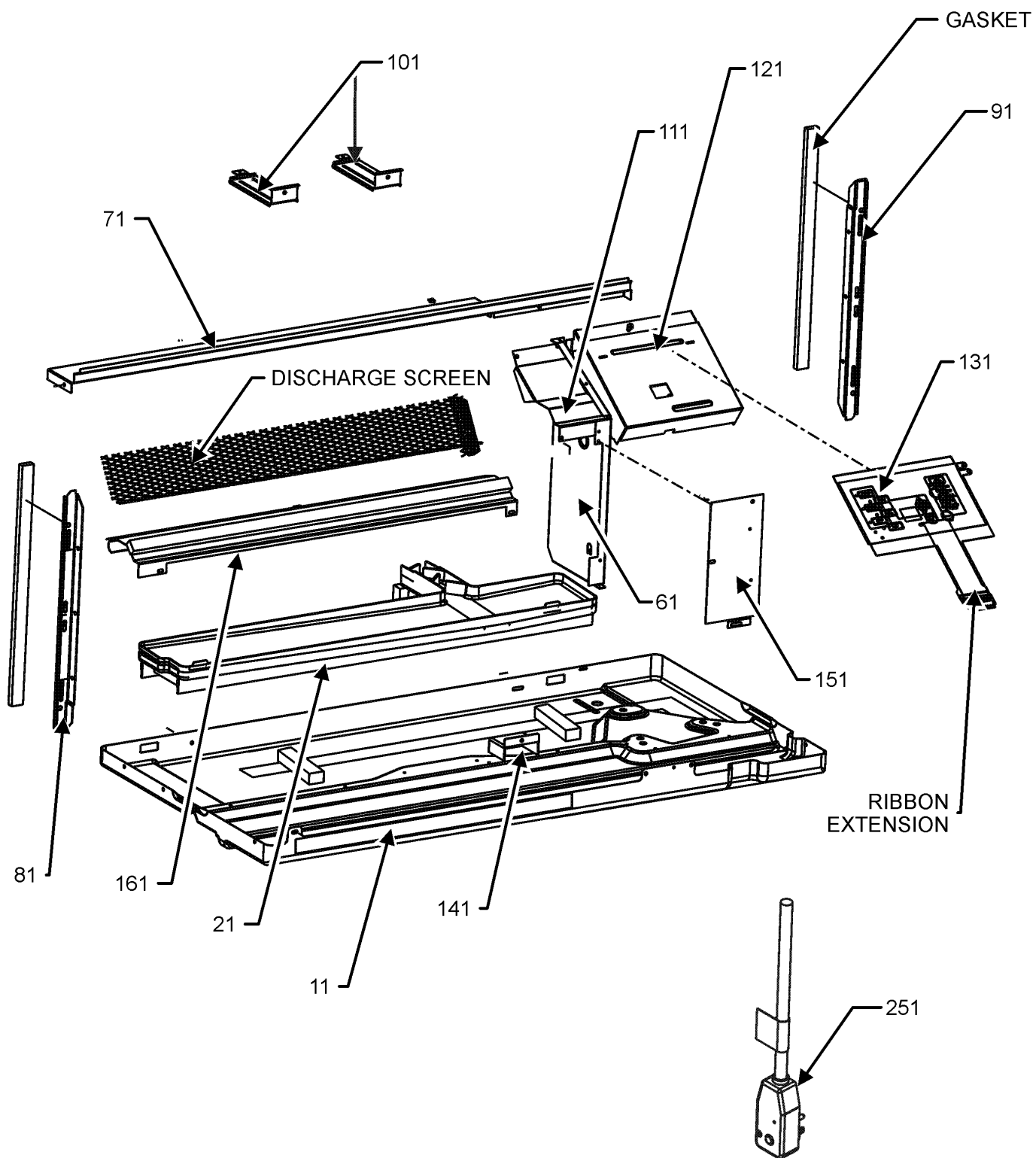
11	0161P00110	CONDENSER SHROUD
21	0131P00033	FAN MOTOR, OUTDOOR
31	0121P00108NG	PANEL-PARTITION
41	0161P00055	FAN, CONDENSER
51	C6300502	CAPACITOR STRAP
61	CAP020150450C S	CAP, 2/15 MFD/450V/DUAL RD
71	802007090	TERMINAL BOARD
81	0130P00098	THERMISTOR OAT GREEN
111	0121P00208DG	VENT DOOR
181	11191703	PARTITION PANEL BRACKET (QTY 2)
241	0131P00044	HEATER, FAN, AXIAL, 250W (M3, M4, M7, M8)
301	PCBEP104	INDOOR DC CONTROL MOTOR

Expanded Model Nomenclature

M1 - PMH073G25A XXXGA
M2 - PMH073G25C XXXGA
M3 - PMH073G25ER XXGA
M4 - PMH073G25EX XXGA
M5 - PMH073G35A XXXGA
M6 - PMH073G35C XXXGA
M7 - PMH073G35ER XXGA
M8 - PMH073G35EX XXGA
M9 - PMH073G35LR XXGA

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:

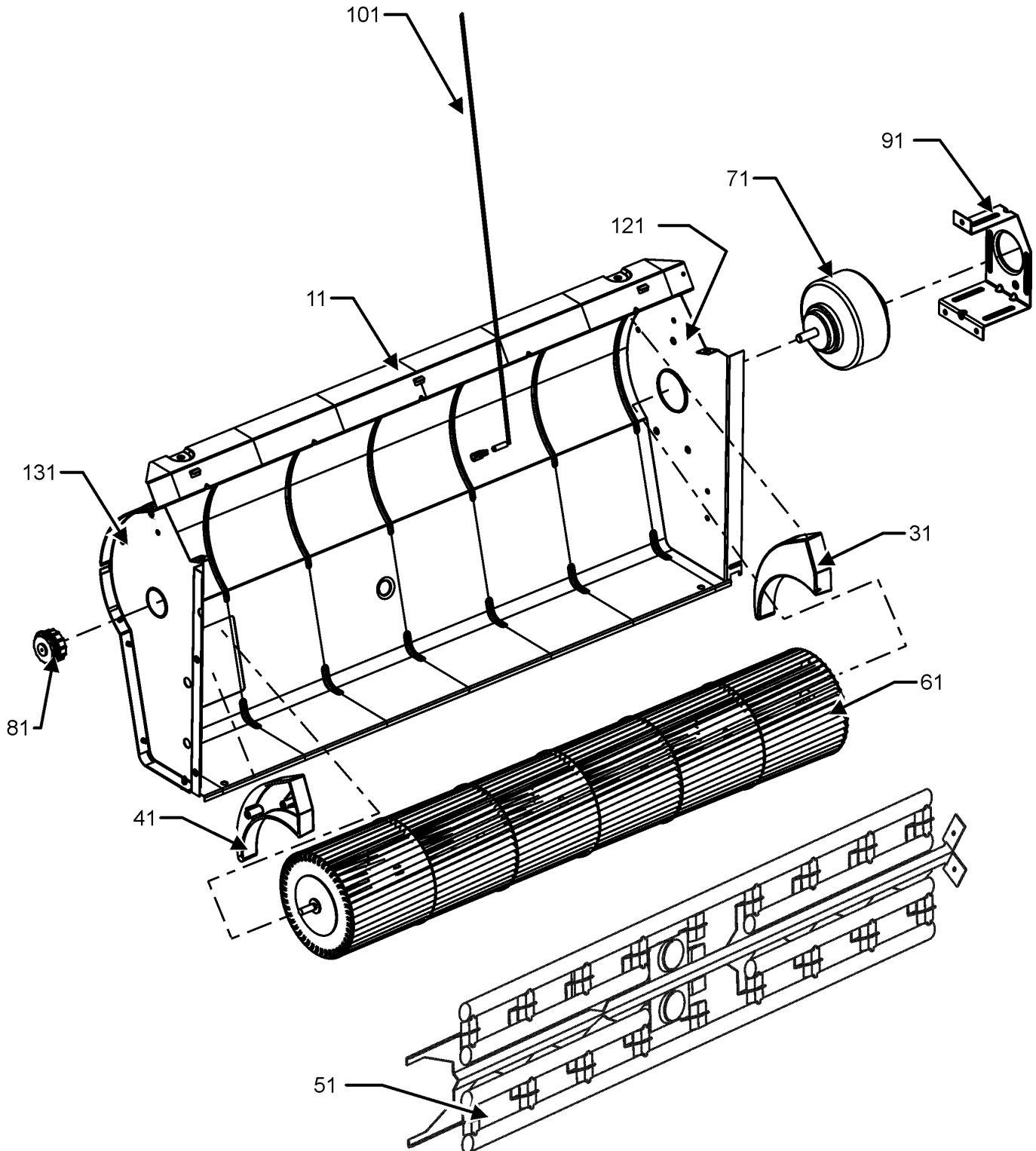
11	0121P00175DG	BASEPAN (M1, M3, M4, M5, M7, M8, M9)
11	0121P00175NG	BASEPAN (M2, M6)
21	0161P00044	PLASTIC-DRAIN PAN
61	0121P00278	PANEL-MID PTN PTC
71	0121P00063NG	TOP, PARTITION PANEL
81	0121P00197	SEAL-L SIDE PTC
91	0121P00198	SEAL-R SIDE PTC
101	0121P00071NG	BRACE, TIE (QTY 2)
111	0121P00070DG	COVER, 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)
251	0130P00115	CORD,250VAC, 20A (LCD) (M5, M6, M7, M8, M9)
NS	0130P00109	MEMBRANE (CONTROL)

Expanded Model Nomenclature

M1 - PMH073G25A XXXGA
 M2 - PMH073G25C XXXGA
 M3 - PMH073G25ER XXXGA
 M4 - PMH073G25EX XXXGA
 M5 - PMH073G35A XXXGA
 M6 - PMH073G35C XXXGA
 M7 - PMH073G35ER XXXGA
 M8 - PMH073G35EX XXXGA
 M9 - PMH073G35LR XXXGA

Indoor Blower Assembly

INDOOR BLOWER ASSEMBLY



Indoor Blower Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

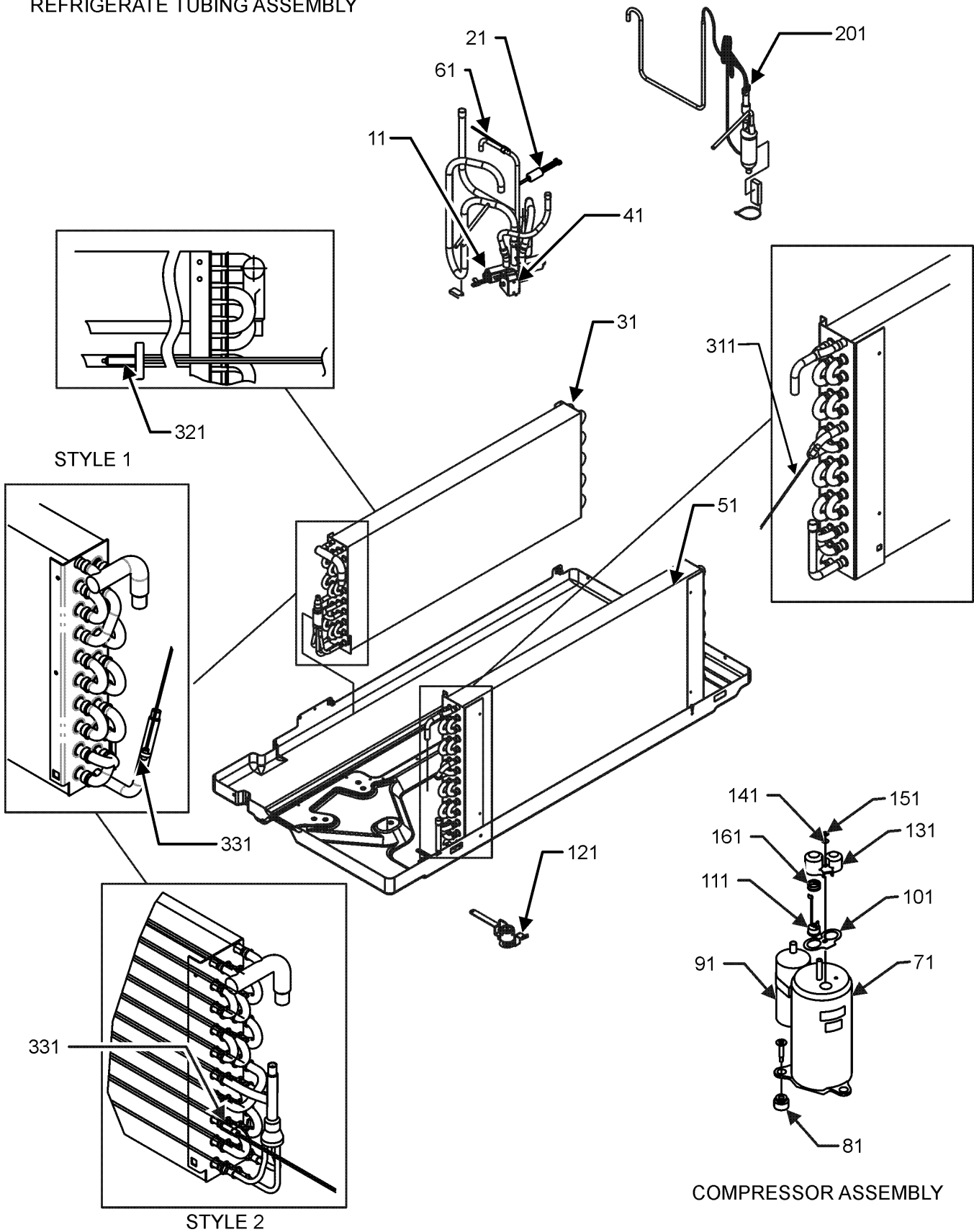
11	0121P00173DG	SCROLL
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00019	HEATER ASSY (M1, M2, M3, M4)
51	0275P00038	HEATER ASSY (M5, M6, M7, M8, M9)
61	0150P00005	WHEEL, BLOWER
71	0131P00029	FAN MOTOR, INDOOR
81	0163P00027	BEARING
91	0121P00048	BRACKET-MOTOR MOUNT
101	0130P00134	THERMISTOR IDT YELLOW
121	0121P00059DG	ENDPLATE-RH SCROLL
131	0121P00215DG	ENDPLATE- LH SCROLL

Expanded Model Nomenclature

M1 - PMH073G25A XXXGA
M2 - PMH073G25C XXXGA
M3 - PMH073G25ERXXGA
M4 - PMH073G25EXXXGA
M5 - PMH073G35A XXXGA
M6 - PMH073G35C XXXGA
M7 - PMH073G35ERXXGA
M8 - PMH073G35EXXXGA
M9 - PMH073G35LRXXGA

Refrigerate Tubing Assembly

REFRIGERATE TUBING ASSEMBLY



Refrigerate Tubing Assembly

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

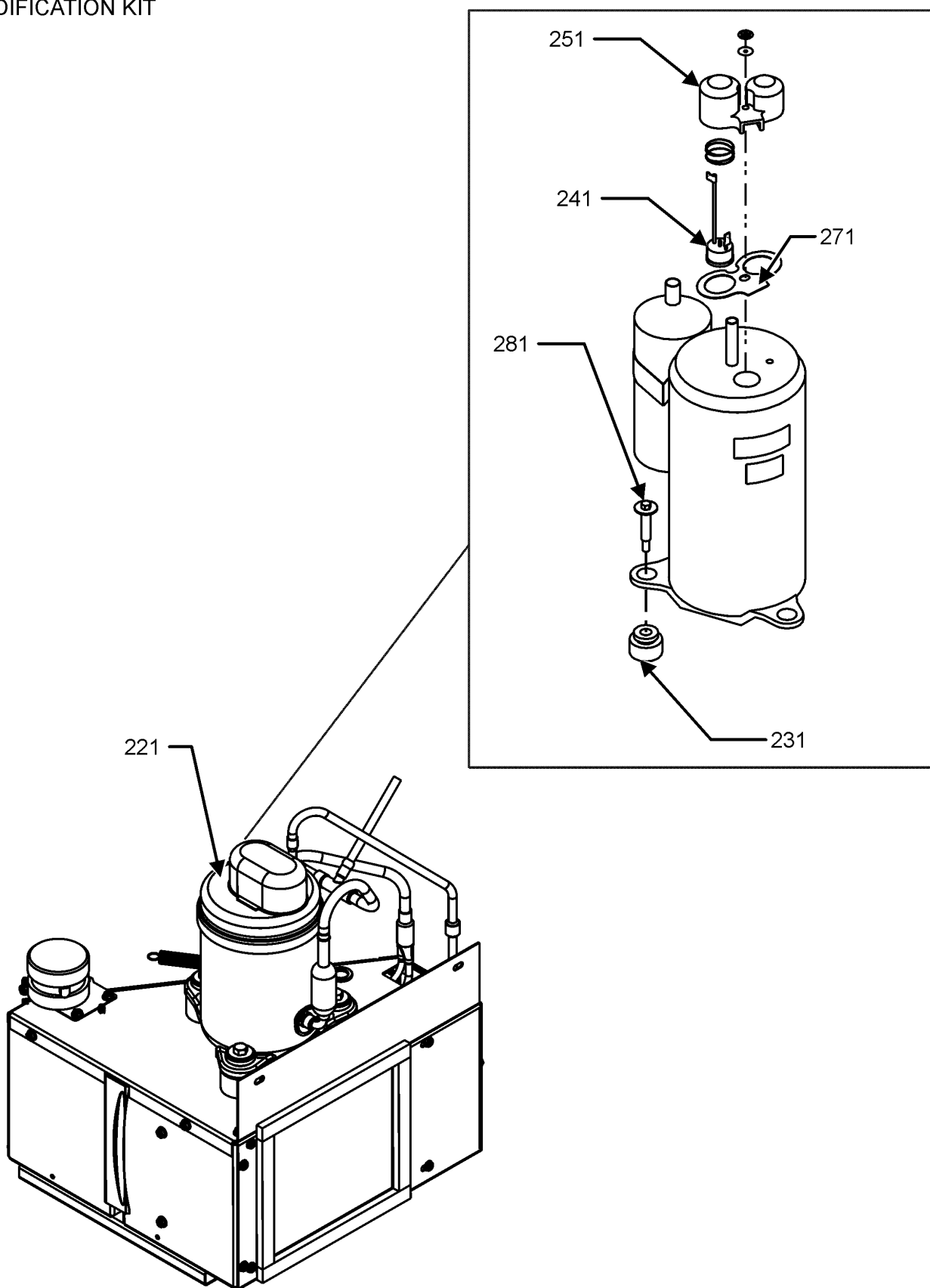
11	0151P00013	PTAC Reversing Valve Assy
21	0130M00169	SWITCH, HIGH PRESS
31	0202P00093	7MM EVAP ASSY 2 ROW
41	0130P00022	REVERSING VALVE COIL
51	0201P00104NG	7MM CONDENSER ASSEMBLY PAINTED (M2, M6)
51	0201P00098	7MM CONDENSER COIL ASSY (M1, M3, M4, M5, M7, M8, M9)
61	0130P00077	THERMISTOR (M3, M7, M9)
71	39B152AD&9DKZ	COMPRESSOR, RECHI
81	60130203	GROMMET - RECHI COMPRESSOR (QTY 3)
91	0163M00079	SHOULDER SCREW (QTY 3)
101	60100103	TERMINAL GASKET
111	60343542	PROTECTOR, OVERLOAD, 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	0210P00484	CAPILLARY ASSY
311	0130P00130	THERMISTOR OCT BLUE
321	0130P00164	THERMISTOR IAT BLACK
331	0130P00165	THERMISTOR ICT RED
NS	BT1392310	PLASTIC CLAMP, .1875 DIA (M3, M4, M7, M8)

Expanded Model Nomenclature

M1 - PMH073G25AXXXGA
M2 - PMH073G25CXXXGA
M3 - PMH073G25ERXXGA
M4 - PMH073G25EXXXGA
M5 - PMH073G35AXXXGA
M6 - PMH073G35CXXXGA
M7 - PMH073G35ERXXGA
M8 - PMH073G35EXXXGA
M9 - PMH073G35LRXXGA

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	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	0259P00018	WIRE HARNESS

Expanded Model Nomenclature

M1 - PMH073G25A XXXGA
M2 - PMH073G25C XXXGA
M3 - PMH073G25ER XXXGA
M4 - PMH073G25EX XXXGA
M5 - PMH073G35A XXXGA
M6 - PMH073G35C XXXGA
M7 - PMH073G35ER XXXGA
M8 - PMH073G35EX XXXGA
M9 - PMH073G35LR XXXGA