



REPAIR PARTS

PMH074G Package Terminal Heat Pump

PMH074G25AXXXCA
PMH074G25EXXXCA
PMH074G35ERXXCA
PMH074G35ERXXEA
PMH074G35EXXXCA
PMH074G35EXXXEA



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This manual is to be used by qualified technicians only.

This manual replaces RP-A5038A.

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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:

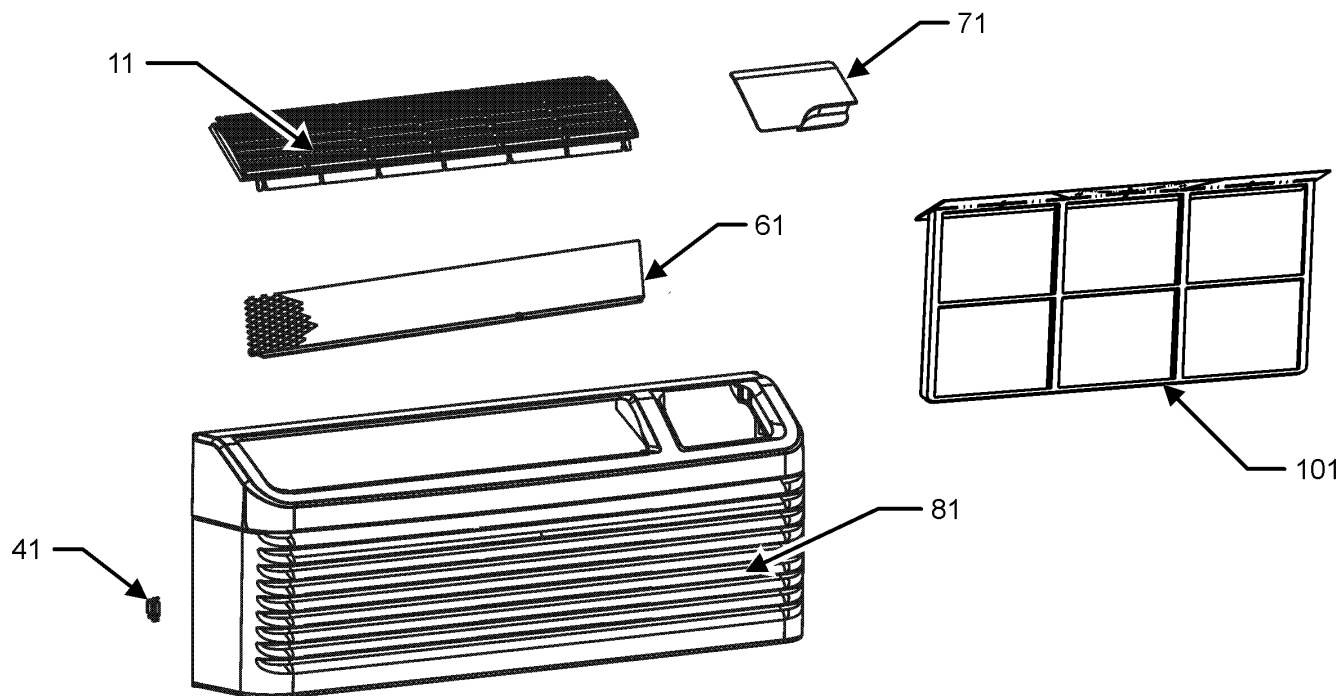
20406303	BASE PAN VALVE
CAP020150450CS	CAP, 2/15 MFD/450V/DUAL RD
CAP065000440RP	CAPACITOR
CAP065000440RP	CAPACITOR 2/440V
BSA357CH-R1ANW	COMPRESSOR, HITACHI 1 HP
39A167AD&9DKZ	COMPRESSOR, RECHI
RSKP0012	CONTROL BOARD M70
RSKP0015	CONTROL PANEL COVER AND MEMBRANE
0130P00128	CORD, 277V, 20A
0130M00178	DPDT RELAY 24VAC
0131P00029	FAN MOTOR, INDOOR
0131P00034	FAN MOTOR, OUTDOOR
0161P00055	FAN, CONDENSER
A3410403	FUSE 20A (M3, M4, M5, M6)
0275P00040	HEATER ASSY (M3, M4, M5, M6)
0275P00023	HEATER ASSY (M1, M2)
0131P00045	HEATER, FAN, AXIAL, 250W, 265V (M2, M3, M4, M5, M6)
0130P00133	HUMIDITY SENSOR
PCBEP104	INDOOR DC CONTROL MOTOR (M4, M6)
11149201	MUFFIN FAN
0130P00136	OVERLOAD PROTECTOR
60343547	OVERLOAD PROTECTOR
PCBCP147	PCB, CONTROL, D70
0151P00010	PTAC REVERSING VALVE ASSY
0130P00022	REVERSING VALVE COIL
0130M00169	SWITCH, HIGH PRESS
802007090	TERMINAL BOARD
0130P00130	THERMISTOR
0130P00132	THERMISTOR
0130P00132	THERMISTOR
0130P00141	THERMISTOR
0130P00134	THERMISTOR - DISCHARGE
0130P00084	THERMISTOR - INDOOR COIL
0130P00098	THERMISTOR - OUTDOOR AMBIENT
0130P00145	THERMISTOR, .250 CLIP, GRAY
0130M00601	TRANSFORMER, 40VA, 277V TO 24V (QTY 2)
PCBEP100	VARIABLE SPEED TERMINAL BOARD (M1, M2, M3, M5)
0150P00005	WHEEL, BLOWER
A3410402	FUSE 15A BLUE (M1)

Expanded Model Nomenclature

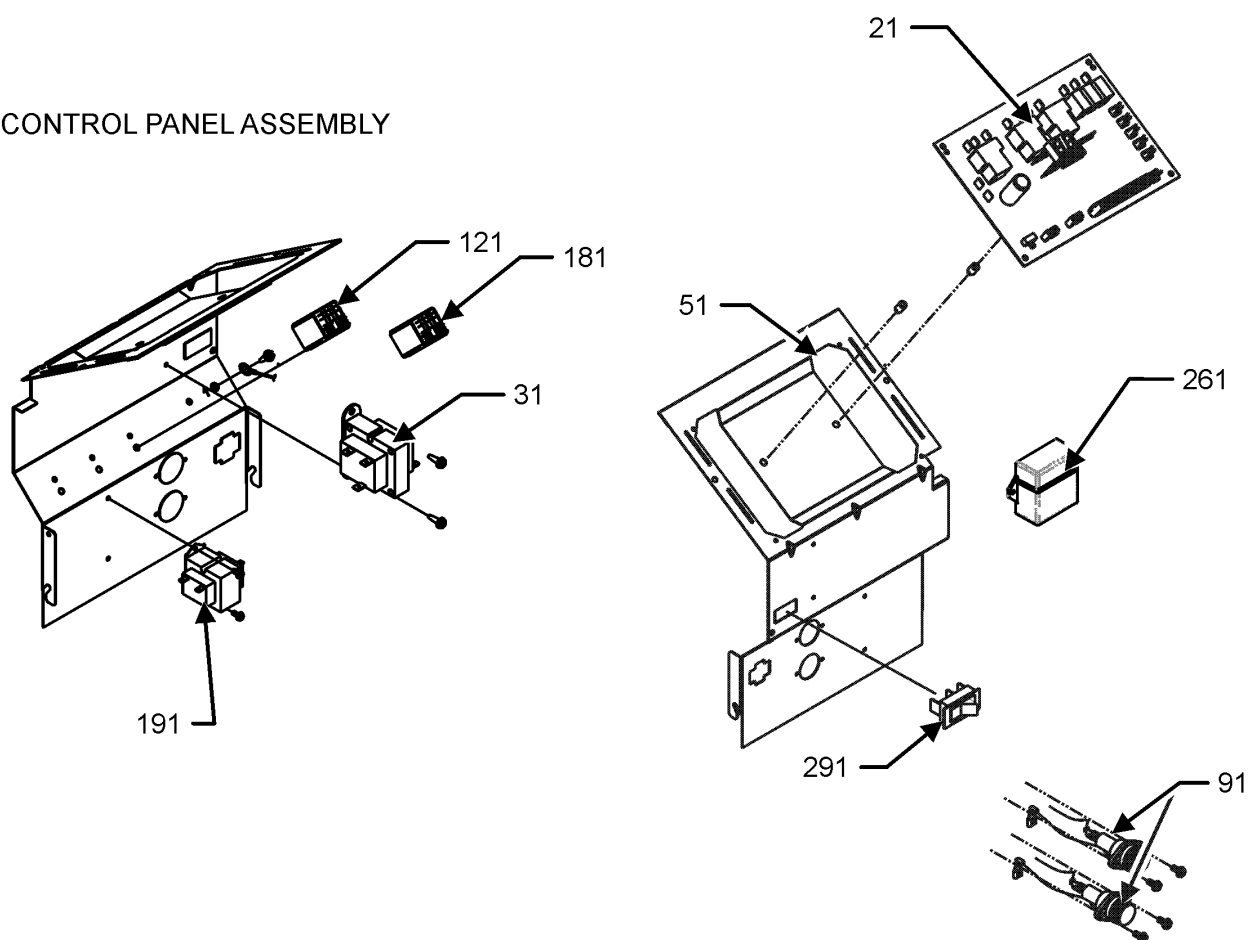
M1 - PMH074G25AXXXCA
M2 - PMH074G25EXXXCA
M3 - PMH074G35ERXXCA
M4 - PMH074G35ERXXEA
M5 - PMH074G35EXXXCA
M6 - PMH074G35EXXXEA

Front Panel and Control Panel Assembly

FRONT PANEL ASSEMBLY



CONTROL PANEL ASSEMBLY



Front Panel and Control Panel Assembly

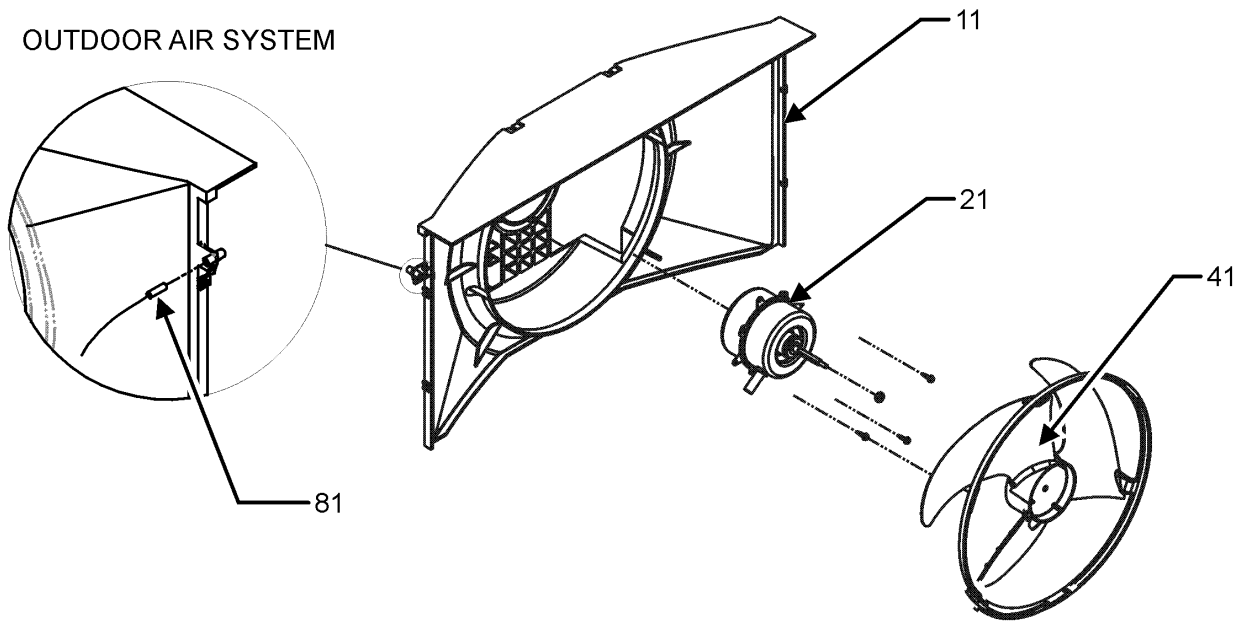
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0161P00048		FRONT, LOUVERS DISCHARGE CONTROL
21	RSKP0012		BOARD M70
31	0130M00601		TRANSFORMER, 40VA, 277V TO 24V
41	0163P00025		CLIP (QTY 2)
51	0121P00130		PANEL, CONTROL
61	0121P00194BL		SCREEN, DISCHARGE, PAINTED
71	0261P00003		DOOR ASSY -AMANA-
81	0261P00011		FRONT ASSY
91	C6476002		BAYONET FUSE HOLDER (M3, M4, M5, M6)
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, M4)
291	B1337701		PADDLE SWITCH (M1, M2, M3, M5)
NS	A3410403		FUSE 20A (M3, M4, M5, M6)
NS	PCBCP147		PCB, CONTROL, D70
NS	A3410402		FUSE 15A BLUE (M1)
91	C6476001		BAYONET FUSE HOLDER (M1)

Expanded Model Nomenclature

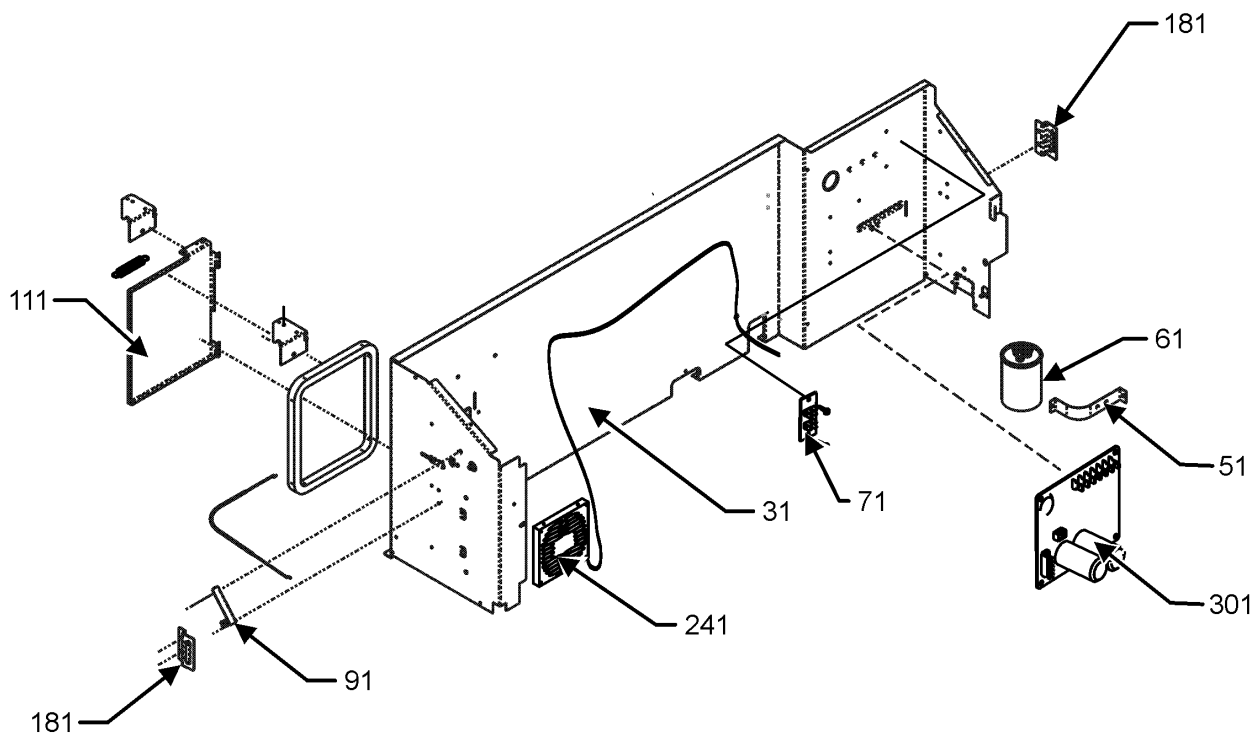
M1 - PMH074G25AXXXCA M2 - PMH074G25EXXXCA M3 - PMH074G35ERXXCA M4 - PMH074G35ERXXEA M5 - PMH074G35EXXXCA M6 - PMH074G35EXXXEA
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Outdoor Air System and Partition Panel

OUTDOOR AIR SYSTEM



PARTITION PANEL ASSEMBLY



Outdoor Air System and Partition Panel

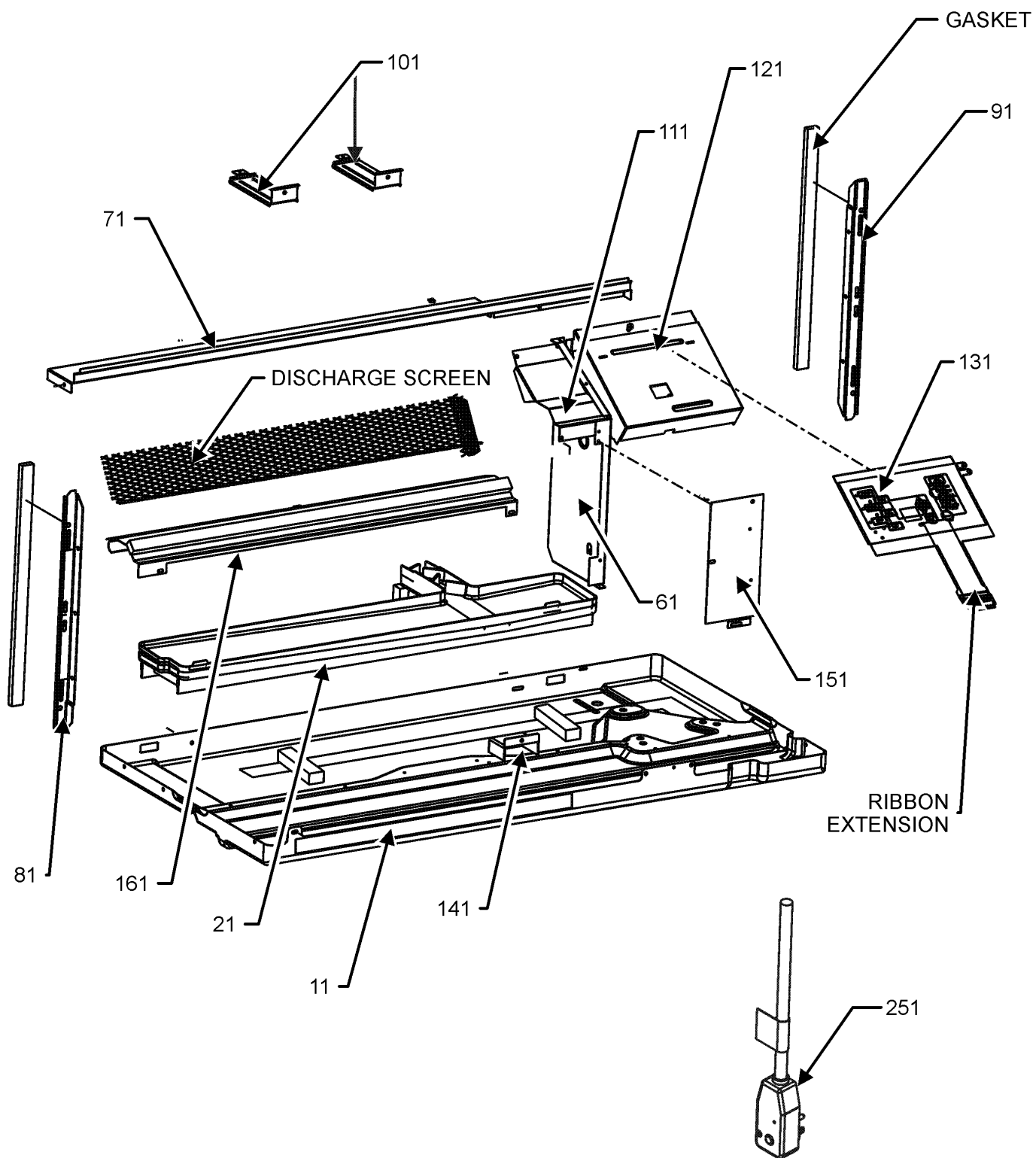
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0161P00053		SHROUD, CONDENSER
21	0131P00034		FAN MOTOR, OUTDOOR
31	0121P00108		PANEL-PARTITION
41	0161P00055		FAN, CONDENSER
51	C6300502		CAPACITOR STRAP
61	CAP020150450CS		CAP, 2/15 MFD/450V/DUAL RD
71	802007090		TERMINAL BOARD
81	0130P00098		THERMISTOR - OUTDOOR AMBIENT
111	0121P00208DG		VENT DOOR
151	CAP065000440RP		CAPACITOR 2/440V
181	11191703		PARTITION PANEL BRACKET (QTY 2)
241	0131P00045		HEATER, FAN, AXIAL, 250W, 265V (M2, M3, M4, M5, M6)
301	PCBEP104		INDOOR DC CONTROL MOTOR (M4, M6)
301	PCBEP100		VARIABLE SPEED TERMINAL BOARD (M1, M2, M3, M5)

Expanded Model Nomenclature

M1 - PMH074G25AXXXCA M2 - PMH074G25EXXXCA M3 - PMH074G35ERXXCA M4 - PMH074G35ERXXEA M5 - PMH074G35EXXXCA M6 - PMH074G35EXXXEA
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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:

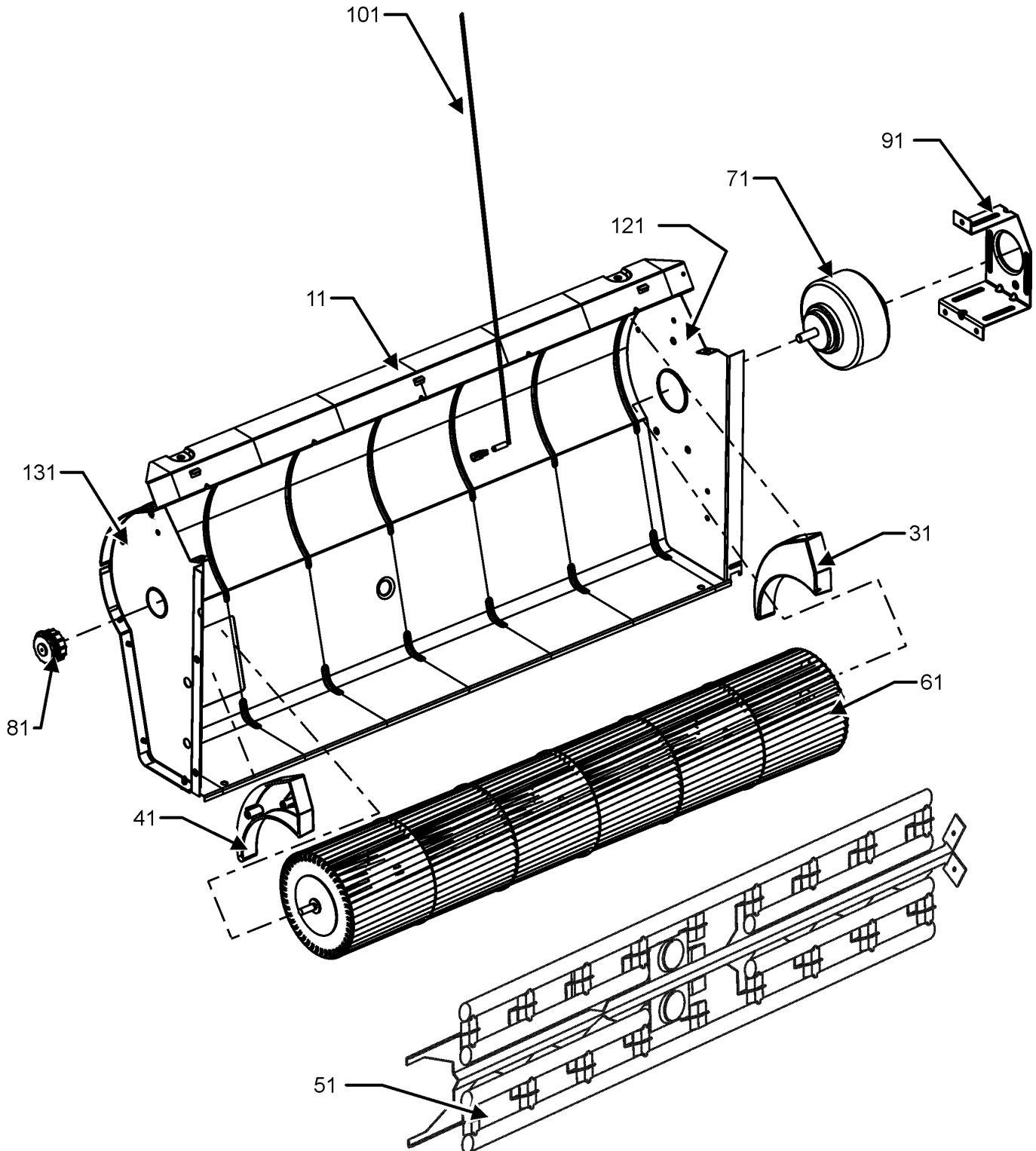
11	0121P00175DG	BASEPAN
21	0161P00044	PLASTIC-DRAIN PAN
61	20403301	MID PARTITION PANEL
71	0121P00063	TOP, PARTITION PANEL
81	0121P00197	SEAL-L SIDE PTC
91	0121P00198	SEAL-R SIDE PTC
101	0121P00071	BRACE, TIE (QTY 2)
111	0121P00070DG	COVER, MOTOR
121	0121P00129	COVER-CONTROL PANEL
131	RSKP0015	CONTROL PANEL COVER AND MEMBRANE
141	0161P00016	PLASTIC-HOOD
151	20410801	ACCESS COVER
161	0121P00061DG	CUTOFF-SCROLL DG
251	0130P00128	CORD, 277V, 20A
NS	0130P00109	MEMBRANE (CONTROL)

Expanded Model Nomenclature

M1 - PMH074G25A XXXCA M2 - PMH074G25EXXXCA M3 - PMH074G35ERXXCA M4 - PMH074G35ERXXEA M5 - PMH074G35EXXXCA M6 - PMH074G35EXXXEA

Indoor Blower Assembly

INDOOR BLOWER ASSEMBLY



Indoor Blower Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

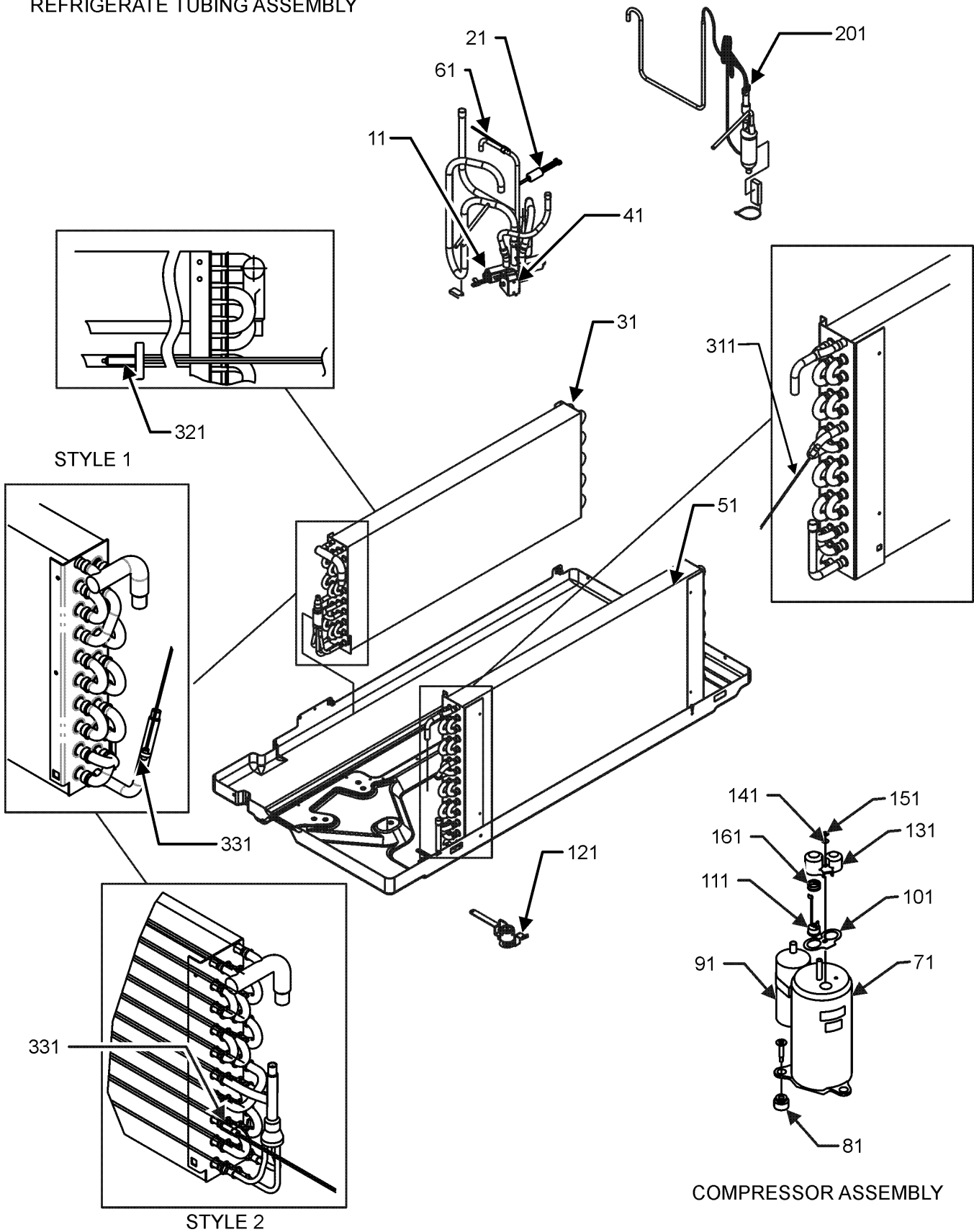
11	0121P00173DG	SCROLL
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00023	HEATER ASSY (M1, M2)
51	0275P00040	HEATER ASSY (M3, M4, M5, M6)
61	0150P00005	WHEEL, BLOWER
71	0131P00029	FAN MOTOR, INDOOR
81	0163P00027	BEARING
91	0121P00048	BRACKET-MOTOR MOUNT
101	0130P00134	THERMISTOR - DISCHARGE
121	0121P00059DG	ENDPLATE-RH SCROLL
131	0121P00215DG	ENDPLATE- LH SCROLL

Expanded Model Nomenclature

M1 - PMH074G25AXXXCA
M2 - PMH074G25EXXXCA
M3 - PMH074G35ERXXCA
M4 - PMH074G35ERXXEA
M5 - PMH074G35EXXXCA
M6 - PMH074G35EXXXEA

Refrigerate Tubing Assembly

REFRIGERATE TUBING ASSEMBLY



Refrigerate Tubing Assembly

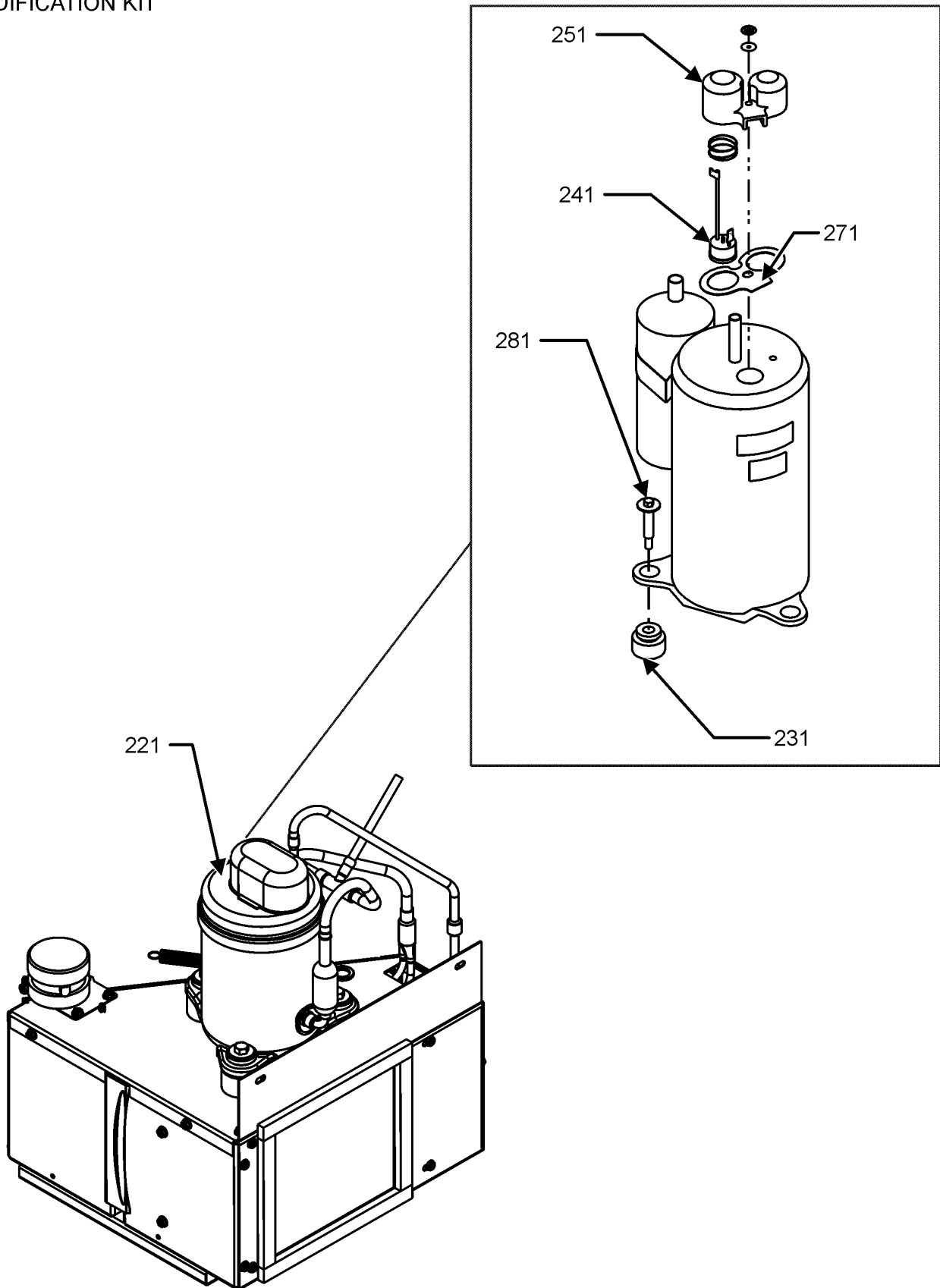
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0151P00010		PTAC REVERSING VALVE ASSY
21	0130M00169		SWITCH, HIGH PRESS
31	0202P00067		EVAP ASSY, 3/8, 2 ROW
41	0130P00022		REVERSING VALVE COIL
51	0201P00097		7 MM CONDENSER COIL ASSY
61	0130P00132		THERMISTOR
71	39A167AD&9DKZ		COMPRESSOR, RECHI
81	60130203		GROMMET - RECHI COMPRESSOR (QTY 3)
91	0163M00079		SHOULDER SCREW (QTY 3)
101	60100103		TERMINAL GASKET
111	60343547		OVERLOAD PROTECTOR
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	0210P00277		CAPILLARY WELDMENT
311	0130P00130		THERMISTOR
321	0130P00141		THERMISTOR
331	0130P00084		THERMISTOR - INDOOR COIL
NS	BT1392310		PLASTIC CLAMP, .1875 DIA (M2, M3, M4, M5, M6)

Expanded Model Nomenclature

M1 - PMH074G25A XXXCA M2 - PMH074G25E XXXCA M3 - PMH074G35ER XXXCA M4 - PMH074G35ER XXEA M5 - PMH074G35E XXXCA M6 - PMH074G35E XX XEA
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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 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	0130P00132	THERMISTOR
NS	0130P00145	THERMISTOR, .250 CLIP, GRAY
NS	0259P00015	WIRE HARNESS (M1)
NS	0259P00016	WIRE HARNESS (M2, M3, M5)
NS	0259P00018	WIRE HARNESS (M4, M6)

Expanded Model Nomenclature

M1 - PMH074G25AXXXCA
M2 - PMH074G25EXXXCA
M3 - PMH074G35ERXXCA
M4 - PMH074G35ERXXEA
M5 - PMH074G35EXXXCA
M6 - PMH074G35EXXXEA