

PMH073G Package Terminal Heat Pump

PMH073G25AXXXCA
PMH073G25AXXXEA
PMH073G25CEXXCA
PMH073G25CXXXCA
PMH073G25CXXXEA
PMH073G25EXXXCA
PMH073G25EXXXEA
PMH073G35AXXXCA
PMH073G35AXXXEA
PMH073G35CEXXCA
PMH073G35CXXXCA
PMH073G35CXXXEA
PMH073G35ERXXCA
PMH073G35ERXXEA
PMH073G35EXXXCA
PMH073G35EXXXEA
PMH073G35LRXXCA
PMH073G35LRXXEA



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This manual is to be used by qualified technicians only.

This manual replaces RP-A5012G.

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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:

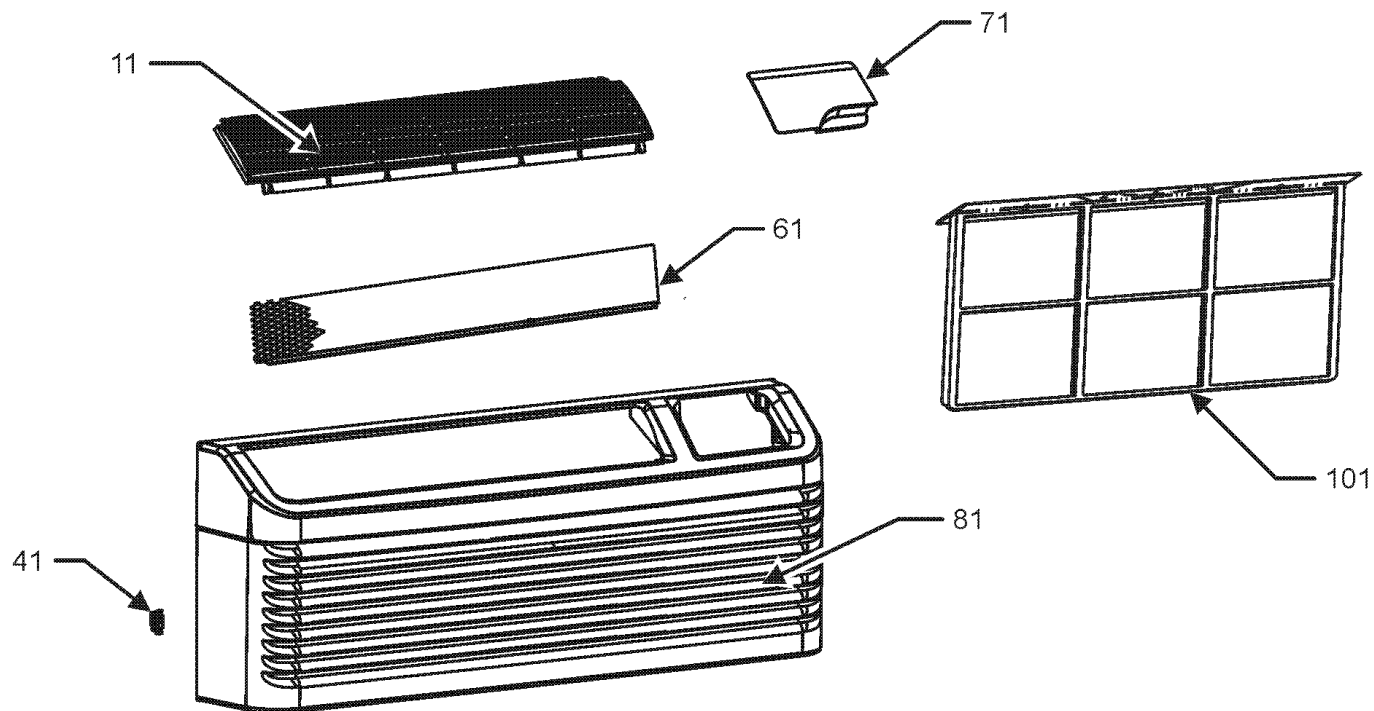
Expanded Model Nomenclature

20406303	BASE PAN VALVE
CAP020200450CS	CAP, 2/20 MFD/450V/DUAL RD
CAP065000440RP	CAPACITOR
CAP065000440RP	CAPACITOR 2/440V
BSA357CN	COMPRESSOR, HITACHI 1 HP
39A162AD&9DKZ	COMPRESSOR, RECHI
RSKP0012	CONTROL BOARD M70
RSKP0015	CONTROL PANEL COVER AND MEMBRANE
0130P00112	CORD,250VAC,15A (LCD) (M1, M2, M3, M4, M5, M6, M7)
0130P00115	CORD,250VAC,20A (LCD) (M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18)
0130M00178	DPDT RELAY 24VAC
0131P00029	FAN MOTOR, INDOOR
0131P00033	FAN MOTOR, OUTDOOR
0161P00055	FAN, CONDENSER
0275P00019	HEATER ASSY (M1, M2, M3, M4, M5, M6, M7)
0275P00038	HEATER ASSY (M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18)
0130P00133	HUMIDITY SENSOR
PCBEP104	INDOOR DC CONTROL MOTOR (M2, M5, M7, M9, M12, M14, M16, M18)
11149201	MUFFIN FAN
60343516	OVERLOAD PROTECTOR
0130P00136	OVERLOAD PROTECTOR
PCBCP147	PCB, CONTROL, D70
0151P00009	PTAC REVERSING VALVE ASSY
0130M00096	RELAY (M7, M14, M16)
0130P00022	REVERSING VALVE COIL
0130M00169	SWITCH, HIGH PRESS
802007090	TERMINAL BOARD
0130P00132	THERMISTOR
0130P00130	THERMISTOR
0130P00077	THERMISTOR (M13, M14, M17, M18)
0130P00141	THERMISTOR
0130P00134	THERMISTOR - DISCHARGE
0130P00084	THERMISTOR - INDOOR COIL
0130P00098	THERMISTOR - OUTDOOR AMBIENT
0130P00145	THERMISTOR, .250 CLIP, GRAY
0130M00599	TRANS, 40VA, 240V/208V TO 24V (QTY 2)
PCBEP100	VARIABLE SPEED TERMINAL BOARD (M1, M3, M4, M6, M8, M10, M11, M13, M15, M17)
0150P00005	WHEEL, BLOWER

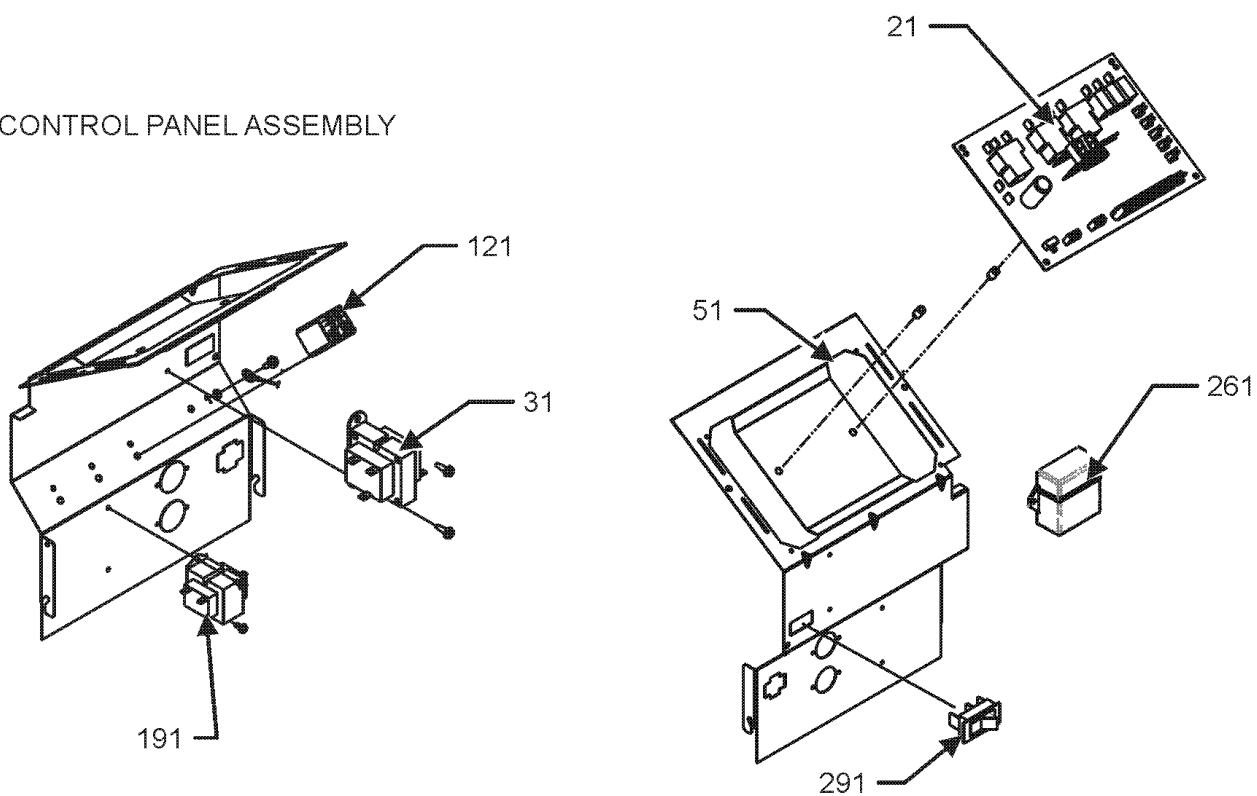
M1 - PMH073G25AXXXCA
M2 - PMH073G25AXXXEA
M3 - PMH073G25CEXXCA
M4 - PMH073G25CXXXCA
M5 - PMH073G25CXXXEA
M6 - PMH073G25EXXXCA
M7 - PMH073G25EXXXEA
M8 - PMH073G35AXXXCA
M9 - PMH073G35AXXXEA
M10 - PMH073G35CEXXCA
M11 - PMH073G35CXXXCA
M12 - PMH073G35CXXXEA
M13 - PMH073G35ERXXCA
M14 - PMH073G35ERXXEA
M15 - PMH073G35EXXXCA
M16 - PMH073G35EXXXEA
M17 - PMH073G35LRXXCA
M18 - PMH073G35LRXXEA

Control Panel / Front Assembly

FRONT PANEL ASSEMBLY



CONTROL PANEL ASSEMBLY



Control Panel / Front Assembly

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

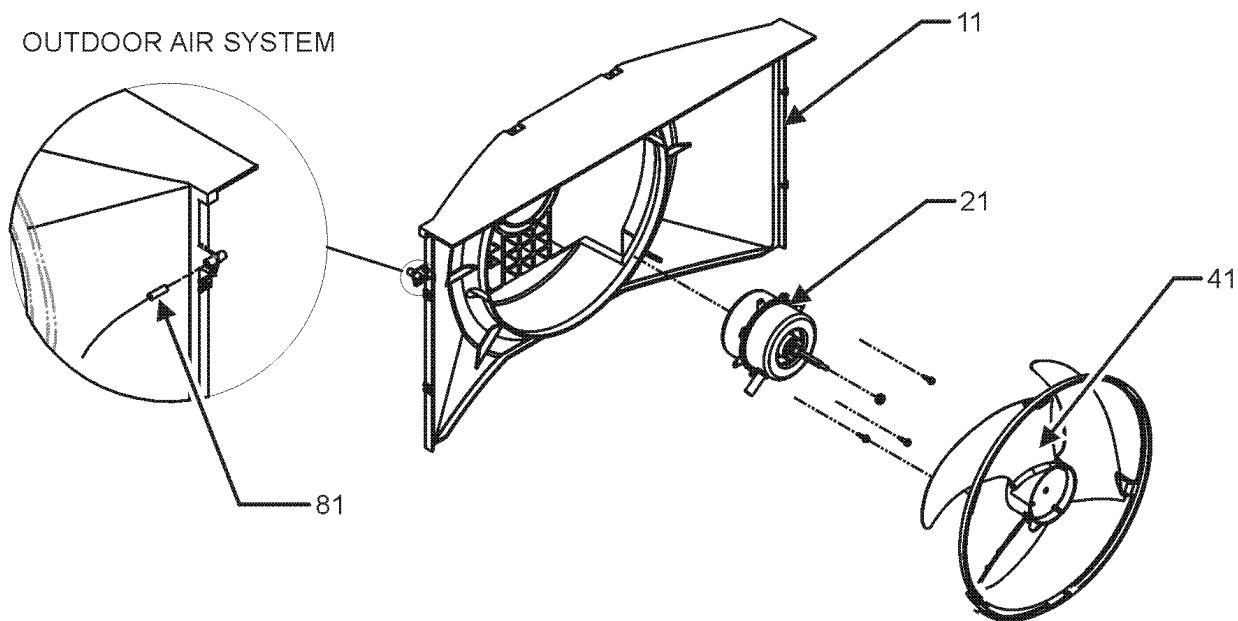
11	0161P00048	FRONT, LOUVERS DISCHARGE
21	RSKP0012	CONTROL BOARD M70
31	0130M00599	TRANS, 40VA, 240V/208V TO 24V
41	0163P00025	CLIP (QTY 2)
51	0121P00130	PANEL, CONTROL
61	0121P00194BL	SCREEN, DISCHARGE, PAINTED
71	0261P00003	DOOR ASSY -AMANA-
81	0261P00011	FRONT ASSY
101	0161P00035	FILTER, RACK (QTY 2)
121	0130M00178	DPDT RELAY 24VAC
191	0130M00599	TRANS, 40VA, 240V/208V TO 24V
261	0130P00104	ANTENNA (DIGI TENNA) (M13, M14, M17, M18)
291	B1337701	PADDLE SWITCH (M1, M3, M4, M6, M8, M10, M11, M13, M15, M17)
NS	PCBCP147	PCB, CONTROL, D70
NS	0130M00096	RELAY (M7, M14, M16)

Expanded Model Nomenclature

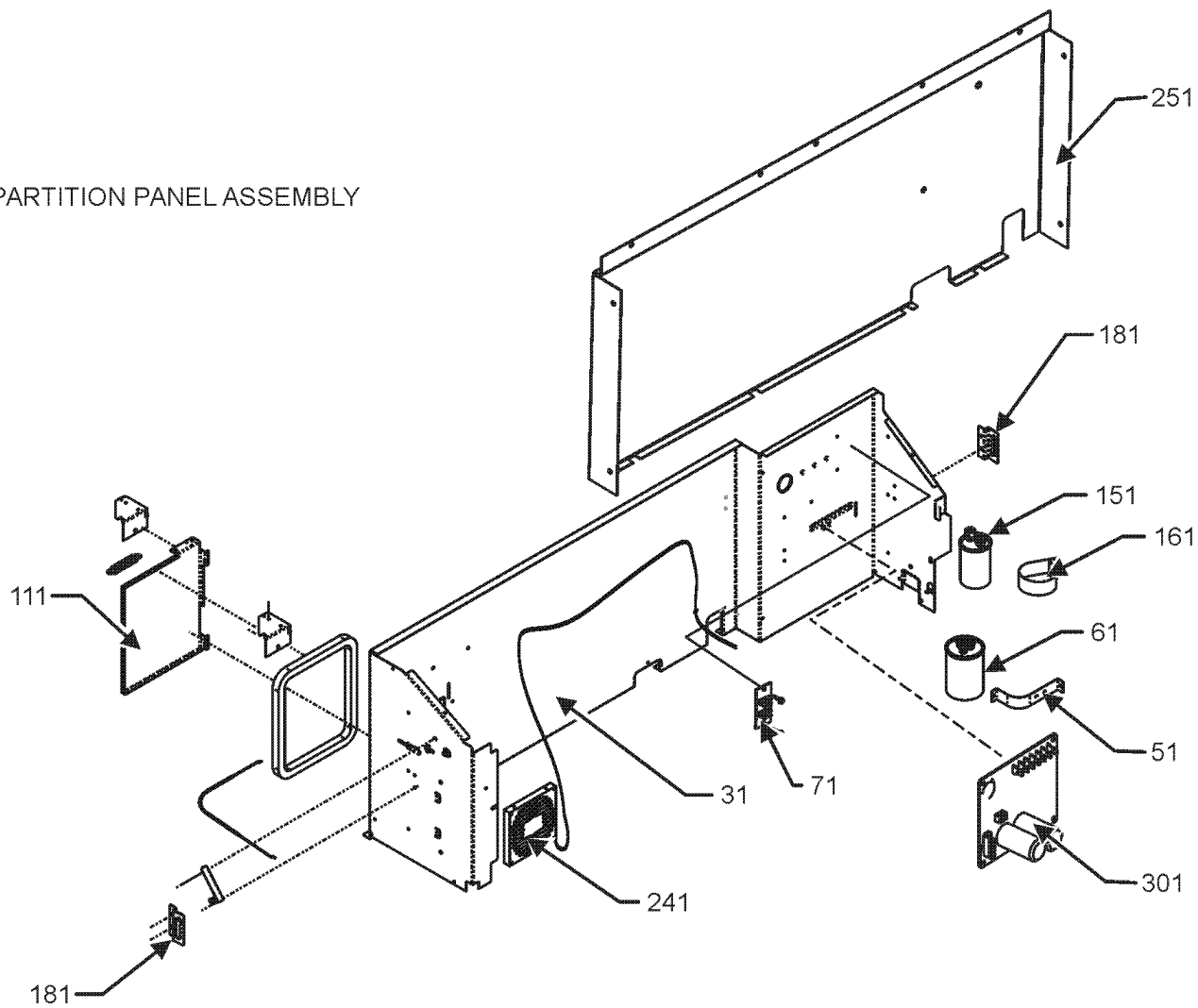
M1 - PMH073G25AXXXCA
 M2 - PMH073G25AXXXEA
 M3 - PMH073G25CEXXCA
 M4 - PMH073G25CXXCA
 M5 - PMH073G25CXXEA
 M6 - PMH073G25EXXXCA
 M7 - PMH073G25EXXXEA
 M8 - PMH073G35AXXXCA
 M9 - PMH073G35AXXXEA
 M10 - PMH073G35CEXXCA
 M11 - PMH073G35CXXCA
 M12 - PMH073G35CXXEA
 M13 - PMH073G35ERXXCA
 M14 - PMH073G35ERXXEA
 M15 - PMH073G35EXXXCA
 M16 - PMH073G35EXXXEA
 M17 - PMH073G35LRXXCA
 M18 - PMH073G35LRXXEA

Outdoor / Partition Assembly

OUTDOOR AIR SYSTEM



PARTITION PANEL ASSEMBLY



Outdoor / Partition Assembly

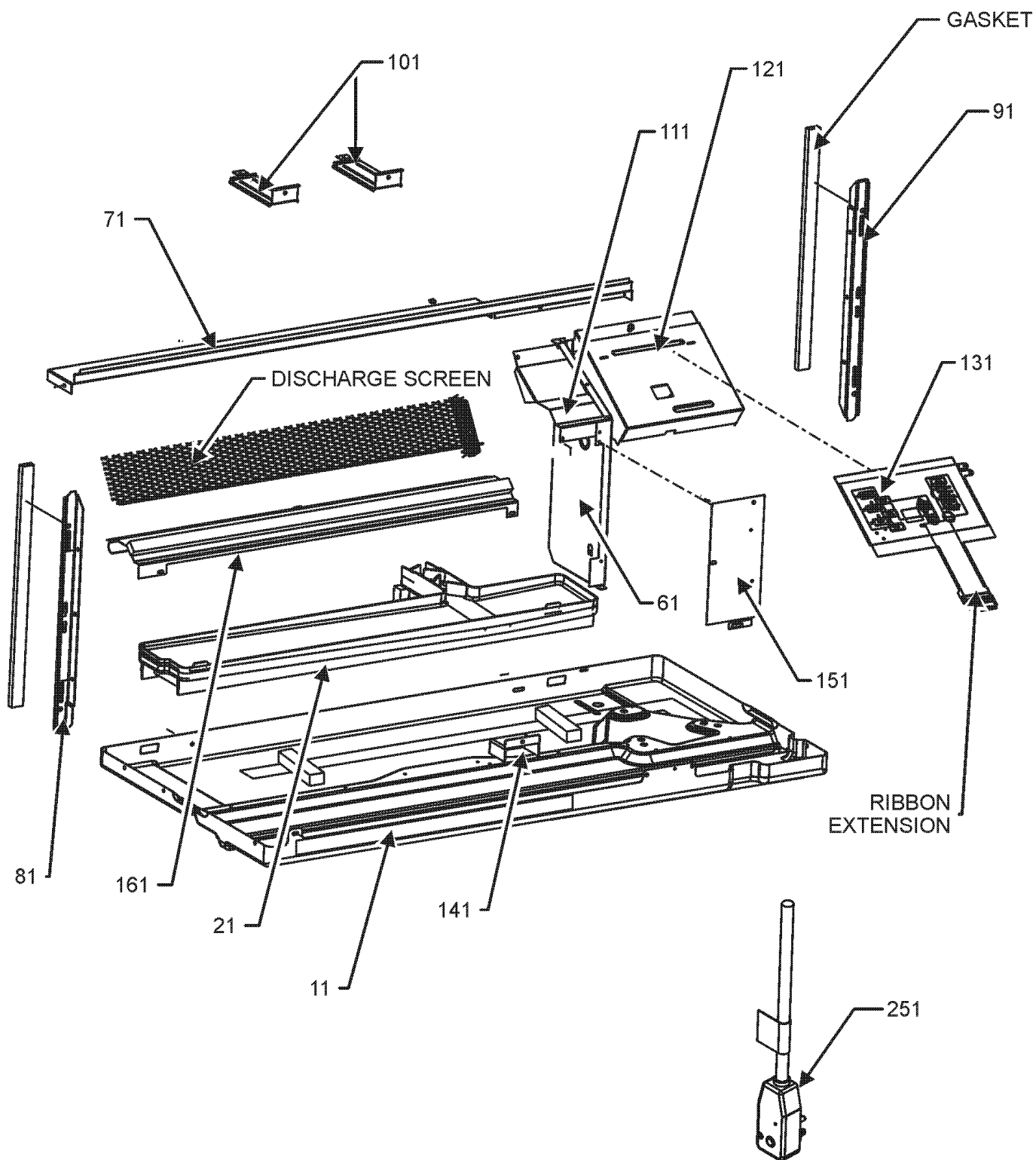
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0161P00053		SHROUD, CONDENSER
21	0131P00033		FAN MOTOR, OUTDOOR
31	0121P00108NG		PANEL-PARTITION
41	0161P00055		FAN, CONDENSER
51	C6300502		CAPACITOR STRAP
61	CAP020200450C S		CAP, 2/20 MFD/450V/DUAL RD
71	802007090		TERMINAL BOARD
81	0130P00098		THERMISTOR - OUTDOOR AMBIENT
111	0121P00208DG		VENT DOOR
151	CAP065000440R P		CAPACITOR 2/440V
161	0163P00029		CAPACITOR CLAMP
181	11191703		PARTITION PANEL BRACKET (QTY 2)
241	0131P00044		HEATER, FAN, AXIAL, 250W (M3, M6, M7, M10, M13, M14, M15, M16)
251	0121P00160		PANEL-PARTITION (M3, M4, M5, M10, M11, M12)
301	PCBEP104		INDOOR DC CONTROL MOTOR (M2, M5, M7, M9, M12, M14, M16, M18)
301	PCBEP100		VARIABLE SPEED TERMINAL BOARD (M1, M3, M4, M6, M8, M10, M11, M13, M15, M17)

Expanded Model Nomenclature

M1 - PMH073G25A XXXCA
M2 - PMH073G25A XXXEA
M3 - PMH073G25CEXXCA
M4 - PMH073G25CXXXCA
M5 - PMH073G25CXXXEA
M6 - PMH073G25EXXXCA
M7 - PMH073G25EXXXEA
M8 - PMH073G35A XXXCA
M9 - PMH073G35A XXXEA
M10 - PMH073G35CEXXCA
M11 - PMH073G35CXXXCA
M12 - PMH073G35CXXXEA
M13 - PMH073G35ERXXCA
M14 - PMH073G35ERXXEA
M15 - PMH073G35EXXXCA
M16 - PMH073G35EXXXEA
M17 - PMH073G35LRXXCA
M18 - PMH073G35LRXXEA

Base Pan Assembly

BASE PAN ASSEMBLY



Base Pan Assembly

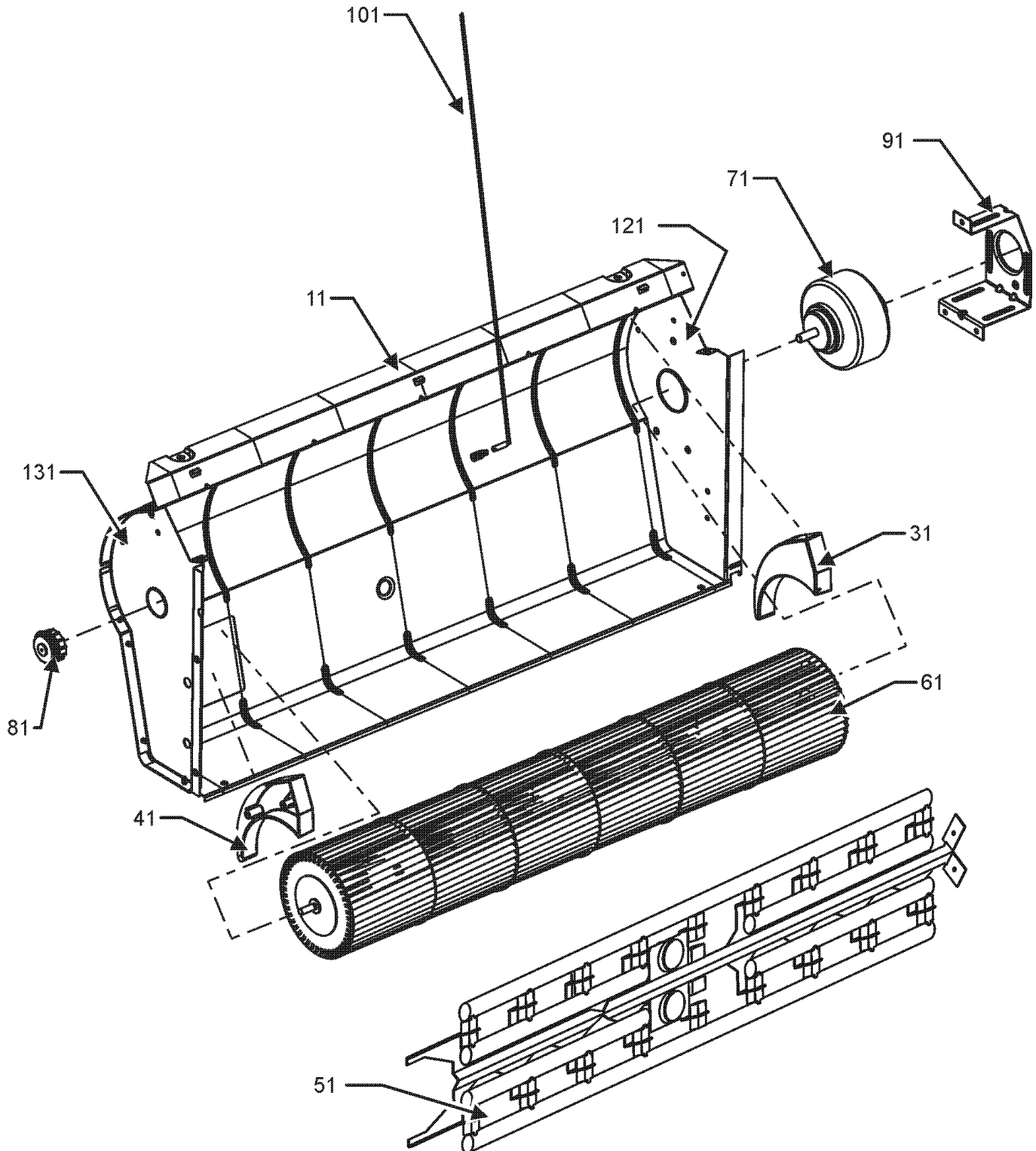
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0121P00175DG		BASEPAN (M1, M2, M6, M7, M8, M9, M13, M14, M15, M16, M17, M18)
11	0121P00175NG		BASEPAN (M3, M4, M5, M10, M11, M12)
21	0161P00044		PLASTIC-DRAIN PAN
61	20403301		MID PARTITION PANEL
71	0121P00063NG		TOP, PARTITION 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, M4, M5, M6, M7)
251	0130P00115		CORD,250VAC, 20A (LCD) (M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18)
NS	0130P00109		MEMBRANE (CONTROL)

Expanded Model Nomenclature

M1 - PMH073G25AXXXCA
M2 - PMH073G25AXXXEA
M3 - PMH073G25CEXXCA
M4 - PMH073G25CXXXCA
M5 - PMH073G25CXXXEA
M6 - PMH073G25EXXXCA
M7 - PMH073G25EXXXEA
M8 - PMH073G35AXXXCA
M9 - PMH073G35AXXXEA
M10 - PMH073G35CEXXCA
M11 - PMH073G35CXXXCA
M12 - PMH073G35CXXXEA
M13 - PMH073G35ERXXCA
M14 - PMH073G35ERXXEA
M15 - PMH073G35EXXXCA
M16 - PMH073G35EXXXEA
M17 - PMH073G35LRXXCA
M18 - PMH073G35LRXXEA

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:

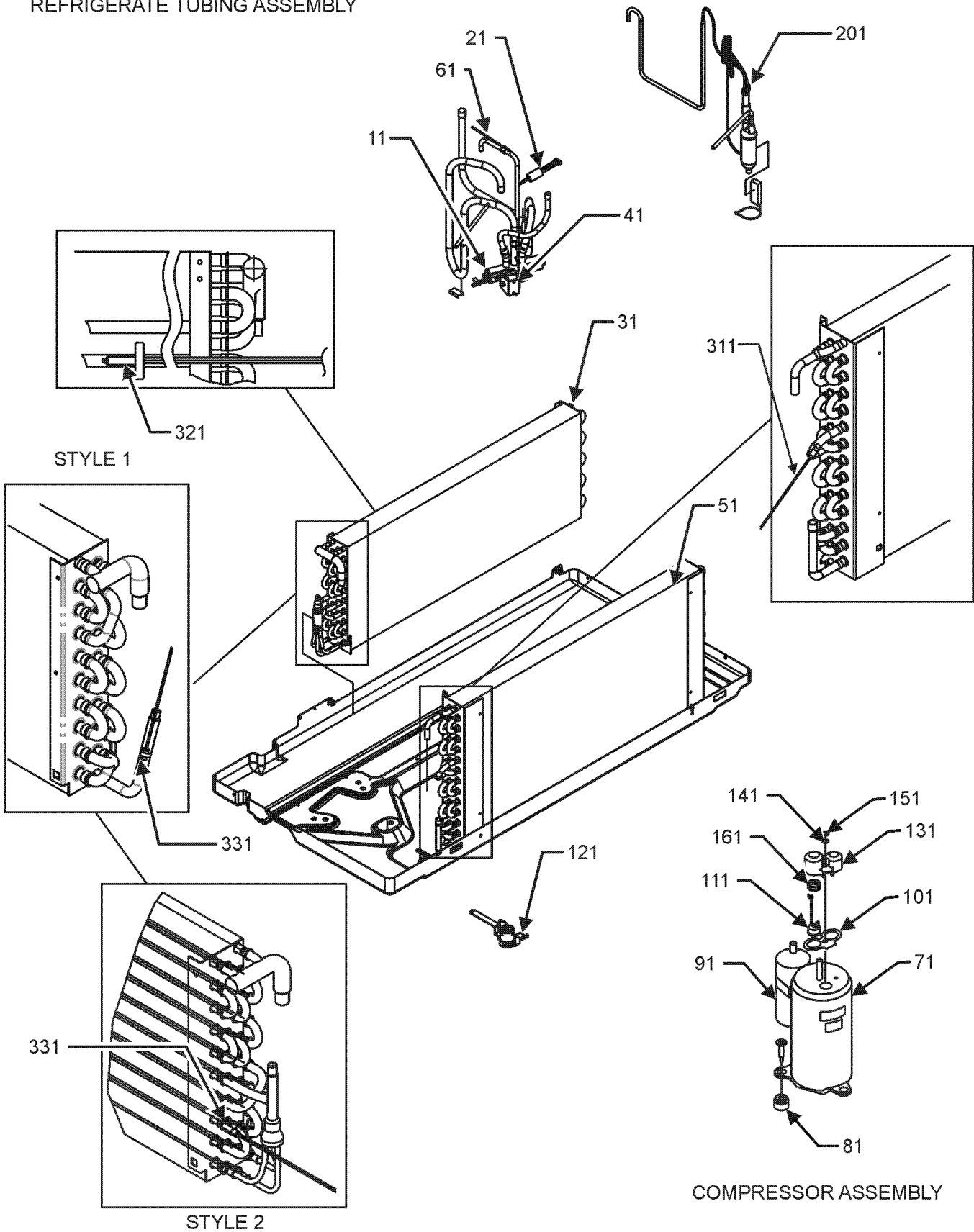
11	0121P00173DG	SCROLL
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00019	HEATER ASSY (M1, M2, M3, M4, M5, M6, M7)
51	0275P00038	HEATER ASSY (M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18)
61	0150P00005	WHEEL, BLOWER
71	0131P00029	FAN MOTOR, INDOOR
81	0163P00027	BEARING
91	0121P00048	BRACKET-MOTOR MOUNT
101	0130P00134	THERMISTOR - DISCHARGE
121	0121P00059DG	ENDPLATE-RH SCROLL, PNT
131	0121P00215DG	ENDPLATE-LH SCROLL, PNT

Expanded Model Nomenclature

M1 - PMH073G25A XXXCA
 M2 - PMH073G25A XXXEA
 M3 - PMH073G25CEXXCA
 M4 - PMH073G25CXXXCA
 M5 - PMH073G25CXXXEA
 M6 - PMH073G25EXXXCA
 M7 - PMH073G25EXXXEA
 M8 - PMH073G35A XXXCA
 M9 - PMH073G35A XXXEA
 M10 - PMH073G35CEXXCA
 M11 - PMH073G35CXXXCA
 M12 - PMH073G35CXXXEA
 M13 - PMH073G35ERXXCA
 M14 - PMH073G35ERXXEA
 M15 - PMH073G35EXXXCA
 M16 - PMH073G35EXXXEA
 M17 - PMH073G35LRXXCA
 M18 - PMH073G35LRXXEA

Refrigerate Tubing Assembly

REFRIGERATE TUBING ASSEMBLY



Refrigerate Tubing Assembly

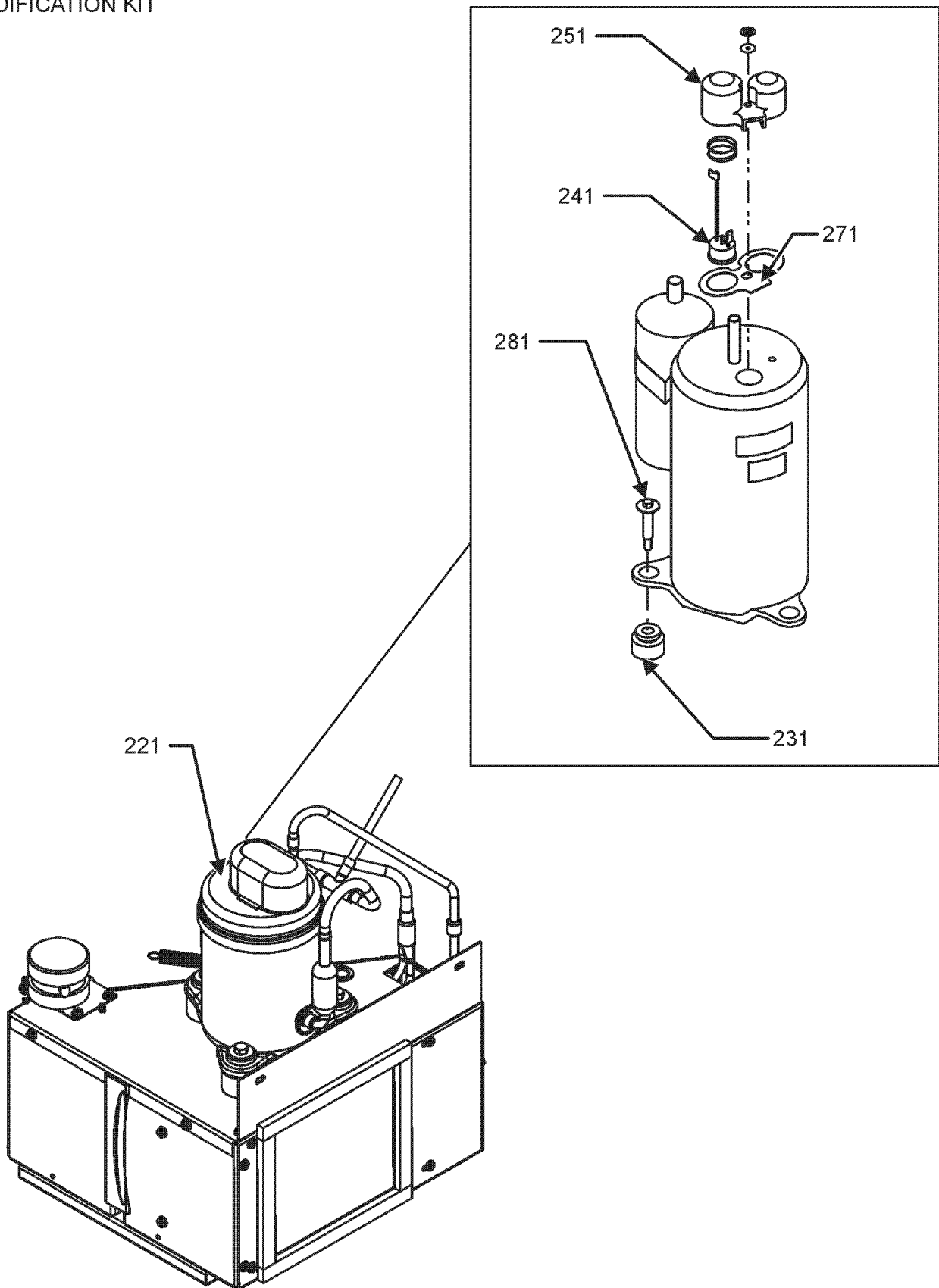
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0151P00009	PTAC REVERSING VALVE ASSY	
21	0130M00169	SWITCH, HIGH PRESS	
31	0202P00067	EVAP ASSY, 3/8, 2 ROW	
41	0130P00022	REVERSING VALVE COIL	
51	0201P00097	7 MM CONDENSER COIL ASSY (M1, M2, M6, M7, M8, M9, M13, M14, M15, M16, M17, M18)	
51	0201P00105NG	7MM CONDENSER ASSEMBLY PAINTED (M3, M4, M5, M10, M11, M12)	
61	0130P00077	THERMISTOR (M13, M14, M17, M18)	
71	39A162AD&9DKZ	COMPRESSOR, RECHI	
81	60130203	GROMMET - RECHI COMPRESSOR (QTY 3)	
91	0163M00079	SHOULDER SCREW (QTY 3)	
101	60100103	TERMINAL GASKET	
111	60343516	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	0210P00276	CAPILLARY WELDMENT	
311	0130P00130	THERMISTOR	
321	0130P00141	THERMISTOR	
331	0130P00084	THERMISTOR - INDOOR COIL	
NS	BT1392310	PLASTIC CLAMP, .1875 DIA (M3, M6, M7, M10, M13, M14, M15, M16)	

Expanded Model Nomenclature

M1 - PMH073G25AXXXCA
 M2 - PMH073G25AXXXEA
 M3 - PMH073G25CEXXCA
 M4 - PMH073G25CXXXCA
 M5 - PMH073G25CXXXEA
 M6 - PMH073G25EXXXCA
 M7 - PMH073G25EXXXEA
 M8 - PMH073G35AXXXCA
 M9 - PMH073G35AXXXEA
 M10 - PMH073G35CEXXCA
 M11 - PMH073G35CXXXCA
 M12 - PMH073G35CXXXEA
 M13 - PMH073G35ERXXCA
 M14 - PMH073G35ERXXEA
 M15 - PMH073G35EXXXCA
 M16 - PMH073G35EXXXEA
 M17 - PMH073G35LRXXCA
 M18 - PMH073G35LRXXEA

Dehumidification Kit

DEHUMIDIFICATION KIT



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	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, M4, M8, M11)
NS	0259P00016	WIRE HARNESS (M3, M6, M10, M13, M15, M17)
NS	0259P00018	WIRE HARNESS (M2, M5, M7, M9, M12, M14, M16, M18)

Expanded Model Nomenclature

M1 - PMH073G25AXXXCA
 M2 - PMH073G25AXXXEA
 M3 - PMH073G25CEXXCA
 M4 - PMH073G25CXXXCA
 M5 - PMH073G25CXXXEA
 M6 - PMH073G25EXXXCA
 M7 - PMH073G25EXXXEA
 M8 - PMH073G35AXXXCA
 M9 - PMH073G35AXXXEA
 M10 - PMH073G35CEXXCA
 M11 - PMH073G35CXXXCA
 M12 - PMH073G35CXXXEA
 M13 - PMH073G35ERXXCA
 M14 - PMH073G35ERXXEA
 M15 - PMH073G35EXXXCA
 M16 - PMH073G35EXXXEA
 M17 - PMH073G35LRXXCA
 M18 - PMH073G35LRXXEA