



REPAIR PARTS

PMC073G Package Terminal Air Conditioner

PMC073G25AXXXGA
PMC073G25CXXXGA
PMC073G25ERXXGA
PMC073G25EXXXGA
PMC073G35AXXXGA
PMC073G35CEXXGA
PMC073G35CXXXGA
PMC073G35ERXXGA
PMC073G35EXXXGA



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This manual is to be used by qualified technicians only.

This manual replaces RP-A5315A

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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:

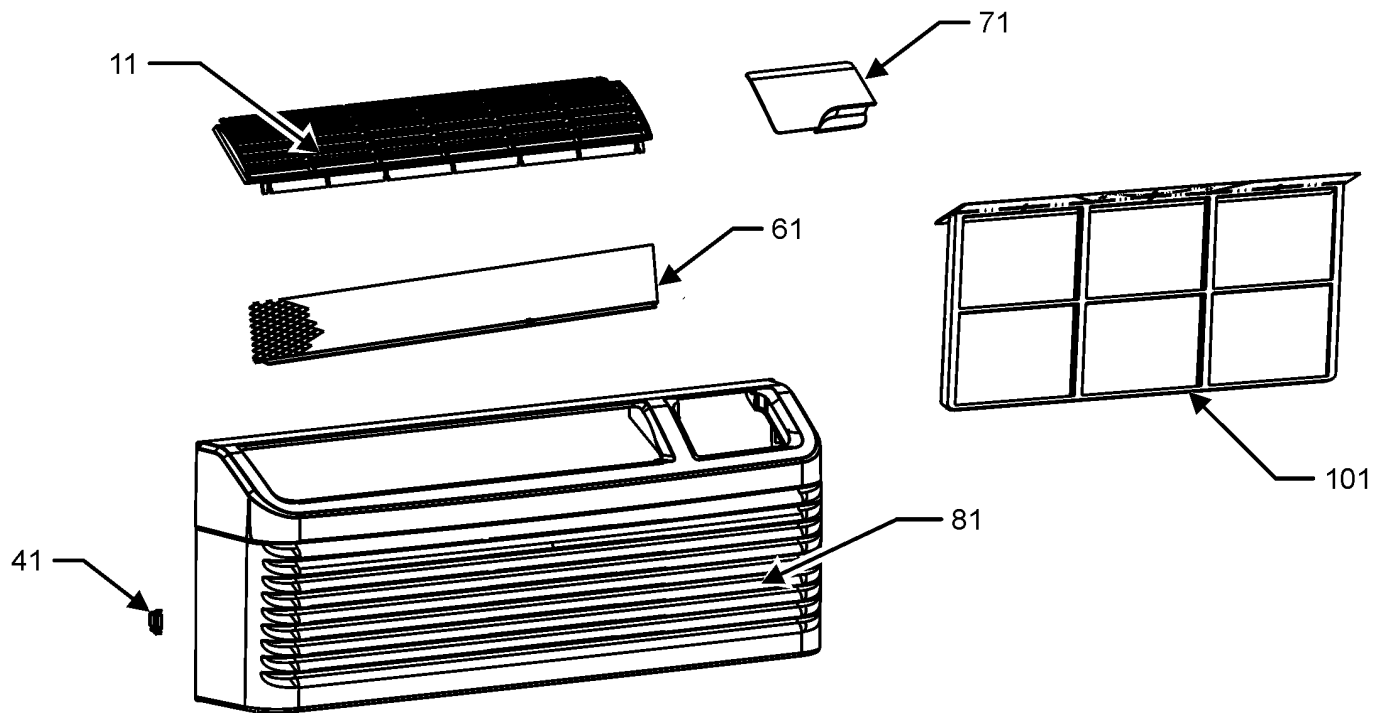
20406303	BASE PAN VALVE
CAP020150450CS	CAP, 2/15 MFD/450V/DUAL RD
CAP065000440RP	CAPACITOR
BSA357CN	COMPRESSOR, HITACHI 1 HP
39B142GD&9BKZ	COMPRESSOR, RECHI
RSKP0014	CONTROL BOARD KIT
RSKP0012	CONTROL BOARD M70
RSKP0015	CONTROL PANEL COVER AND MEMBRANE
0130P00112	CORD,250VAC,15A (LCD) (M1, M2, M3, M4)
0130P00115	CORD,250VAC,20A (LCD) (M5, M6, M7, M8, M9)
0130M00178	DPDT RELAY 24VAC
0131P00029	FAN MOTOR, INDOOR
0131P00033	FAN MOTOR, OUTDOOR
0161P00055	FAN, CONDENSER
0275P00019	HEATER ASSY (M1, M2, M3, M4)
0275P00038	HEATER ASSY (M5, M6, M7, M8, M9)
0130P00133	HUMIDITY SENSOR
PCBEP104	INDOOR DC CONTROL MOTOR
11149201	MUFFIN FAN
0130P00136	OVERLOAD PROTECTOR
PCBCP147	PCB, CONTROL, D70
0130M00096	RELAY (M3, M4, M6, M8, M9)
0130M00169	SWITCH, HIGH PRESS
802007090	TERMINAL BOARD
0130P00145	THERMISTOR DTT GRAY
0130P00164	THERMISTOR IAT BLACK
0130P00165	THERMISTOR ICT RED
0130P00134	THERMISTOR IDT YELLOW
0130P00077	THERMISTOR IHD ORANGE (M3, M8)
0130P00098	THERMISTOR OAT GREEN
0130P00094	THERMISTOR OCT BLUE (M3, M8)
0130P00132	THERMISTOR STT BROWN
0130M00599	TRANSFORMER 240V/208V TO 24V, 40VA (QTY 2)
0270P01351DG	VENT/DEHUMIDIFICATION KIT
0150P00005	WHEEL, BLOWER

Expanded Model Nomenclature

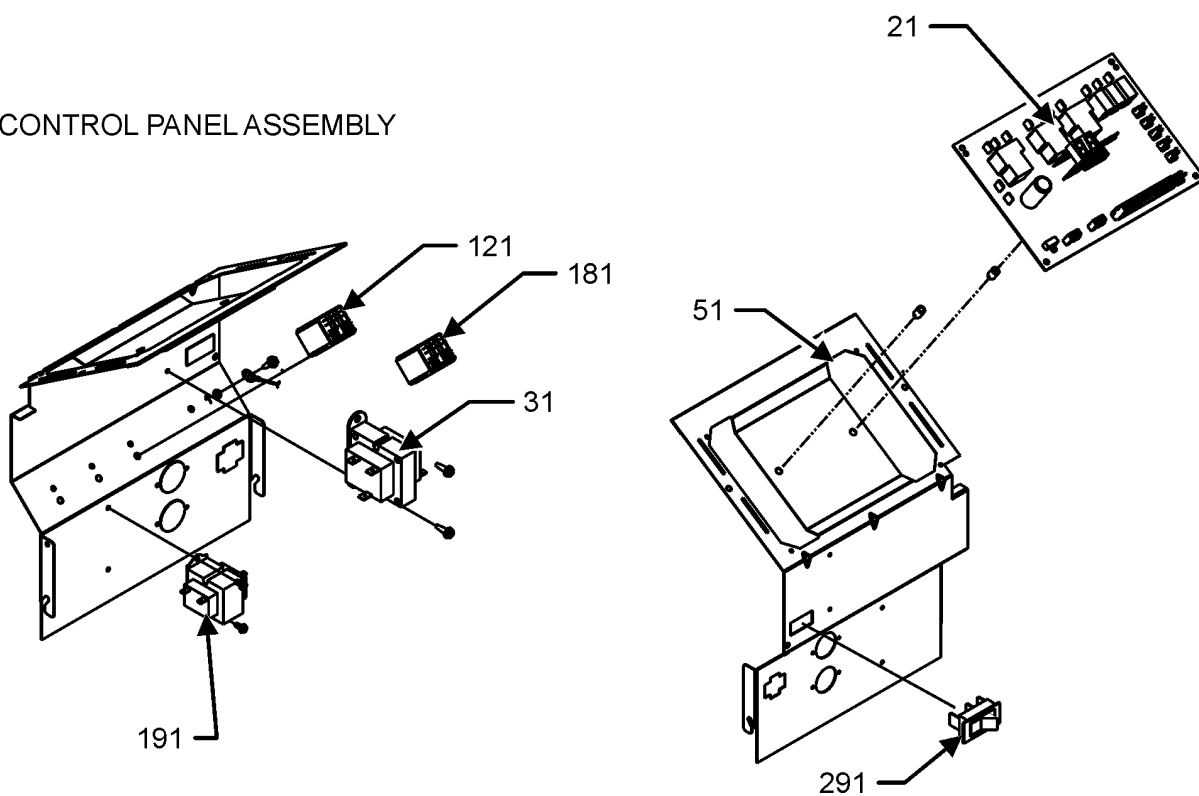
M1 - PMC073G25AXXXGA
M2 - PMC073G25CXXXGA
M3 - PMC073G25ERXXGA
M4 - PMC073G25EXXXGA
M5 - PMC073G35AXXXGA
M6 - PMC073G35CEXXGA
M7 - PMC073G35CXXXGA
M8 - PMC073G35ERXXGA
M9 - PMC073G35EXXXGA

Control Panel and Front Assembly

FRONT PANEL ASSEMBLY



CONTROL PANEL ASSEMBLY



Control Panel and Front Assembly

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

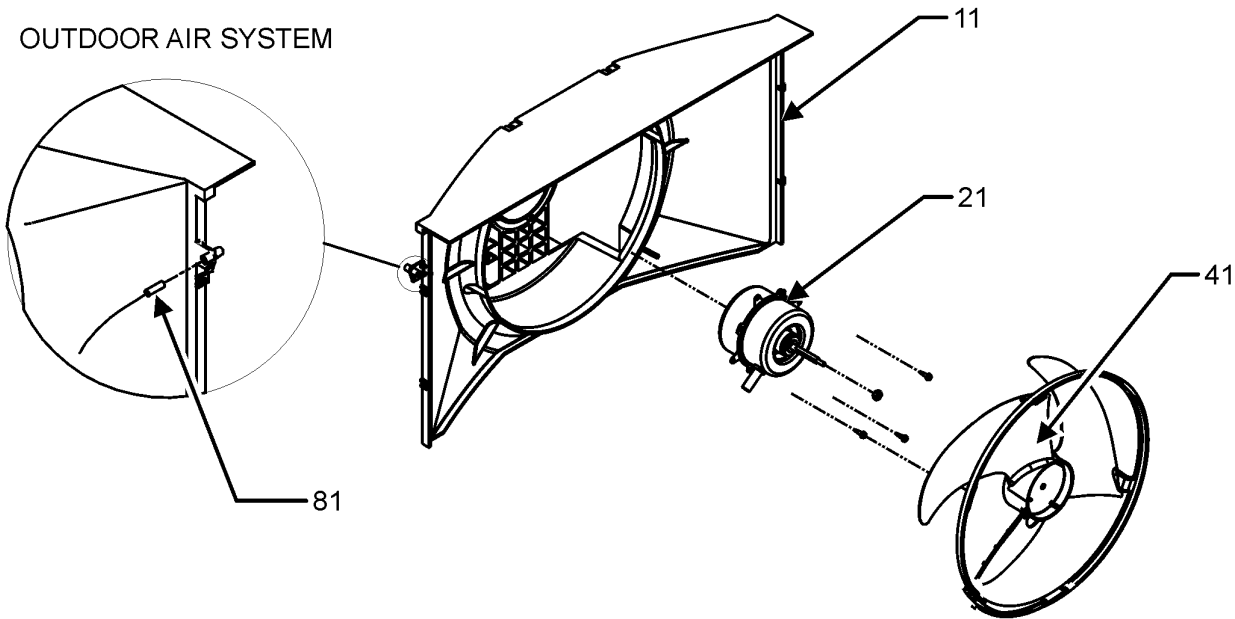
11	0161P00048	FRONT, LOUVERS DISCHARGE
21	RSKP0014	CONTROL BOARD KIT
21	RSKP0012	CONTROL BOARD M70
31	0130M00599	TRANSFMR,40VA,240V/208V TO 24V
41	0163P00025	CLIP (QTY 2)
51	0121P00130	PANEL, CONTROL
61	0121P00194BL	SCREEN, DISCHARGE, PAINTED
71	0261P00003	DOOR ASSY -AMANA-
81	0261P00011	FRONT ASSY
101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

Expanded Model Nomenclature

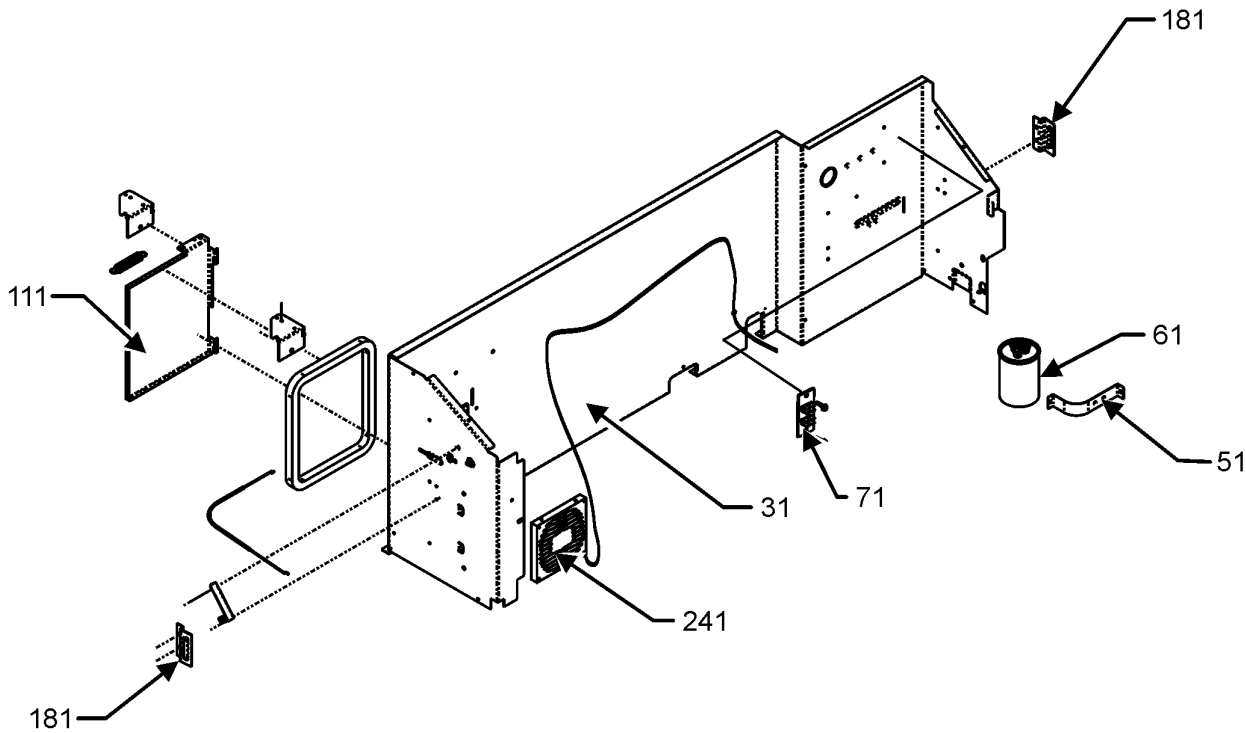
M1 - PMC073G25A XXXGA
M2 - PMC073G25C XXXGA
M3 - PMC073G25ER XXXGA
M4 - PMC073G25EX XXXGA
M5 - PMC073G35A XXXGA
M6 - PMC073G35CE XXXGA
M7 - PMC073G35C XXXGA
M8 - PMC073G35ER XXXGA
M9 - PMC073G35EX XXXGA

Outdoor Air System and Partition Assy

OUTDOOR AIR SYSTEM



PARTITION PANEL ASSEMBLY



Outdoor Air System and Partition Assy

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

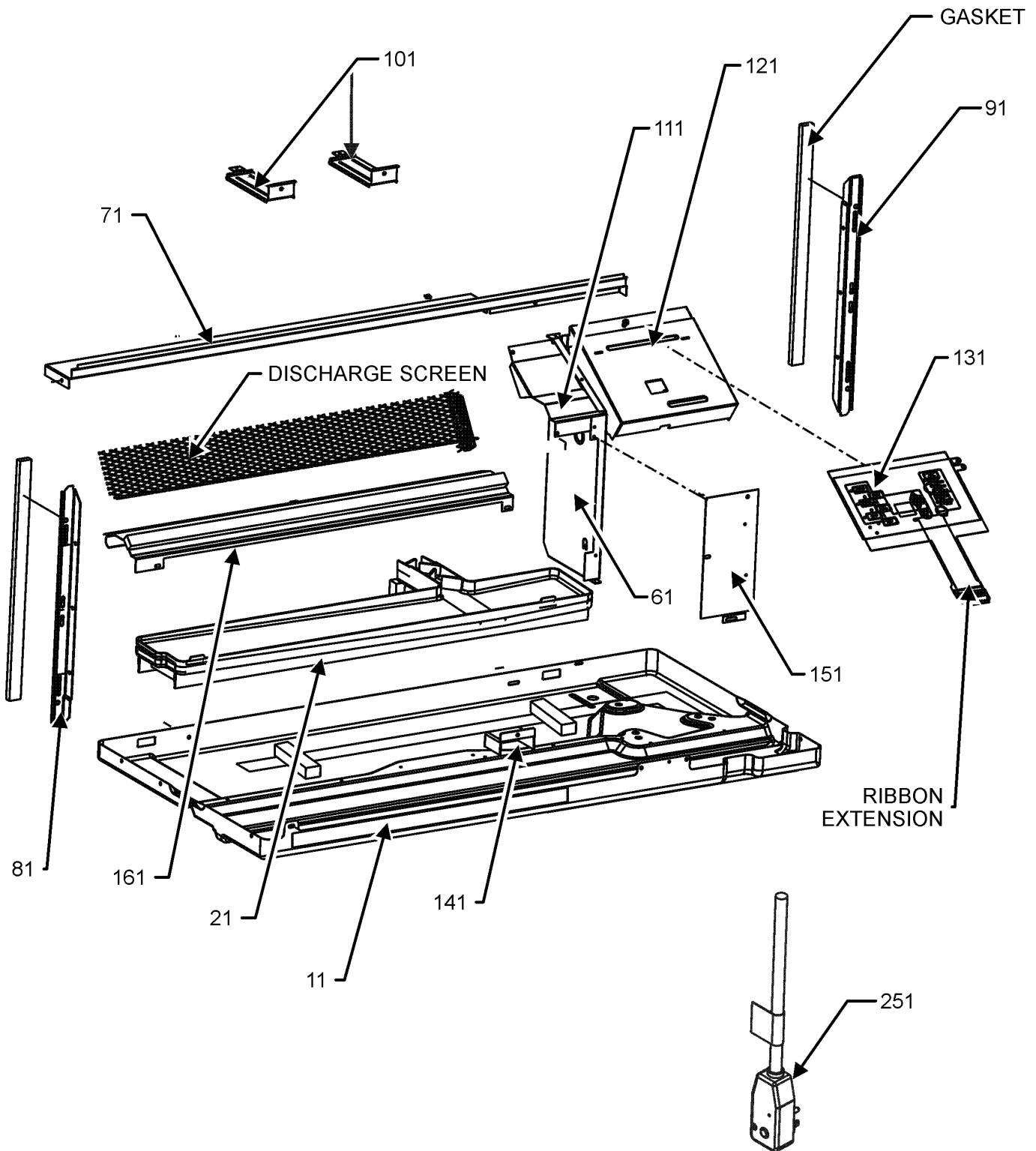
11	0161P00110	CONDENSER SHROUD
21	0131P00033	FAN MOTOR, OUTDOOR
31	0121P00108NG	PANEL-PARTITION
41	0161P00055	FAN, CONDENSER
51	C6300502	CAPACITOR STRAP
61	CAP020150450CS	CAP, 2/15 MFD/450V/DUAL RD
71	802007090	TERMINAL BOARD
81	0130P00098	THERMISTOR OAT GREEN
111	0121P00208DG	VENT DOOR-DIGI AIR
181	11191703	PARTITION PANEL BRACKET (QTY 2)
241	0131P00044	HEATER, FAN, AXIAL, 250W (M3, M4, M6, M8, M9)
NS	PCBEP104	INDOOR DC CONTROL MOTOR

Expanded Model Nomenclature

M1 - PMC073G25A XXXGA
M2 - PMC073G25C XXXGA
M3 - PMC073G25ER XXGA
M4 - PMC073G25EX XXGA
M5 - PMC073G35A XXXGA
M6 - PMC073G35CE XXGA
M7 - PMC073G35C XXXGA
M8 - PMC073G35ER XXGA
M9 - PMC073G35EX 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:

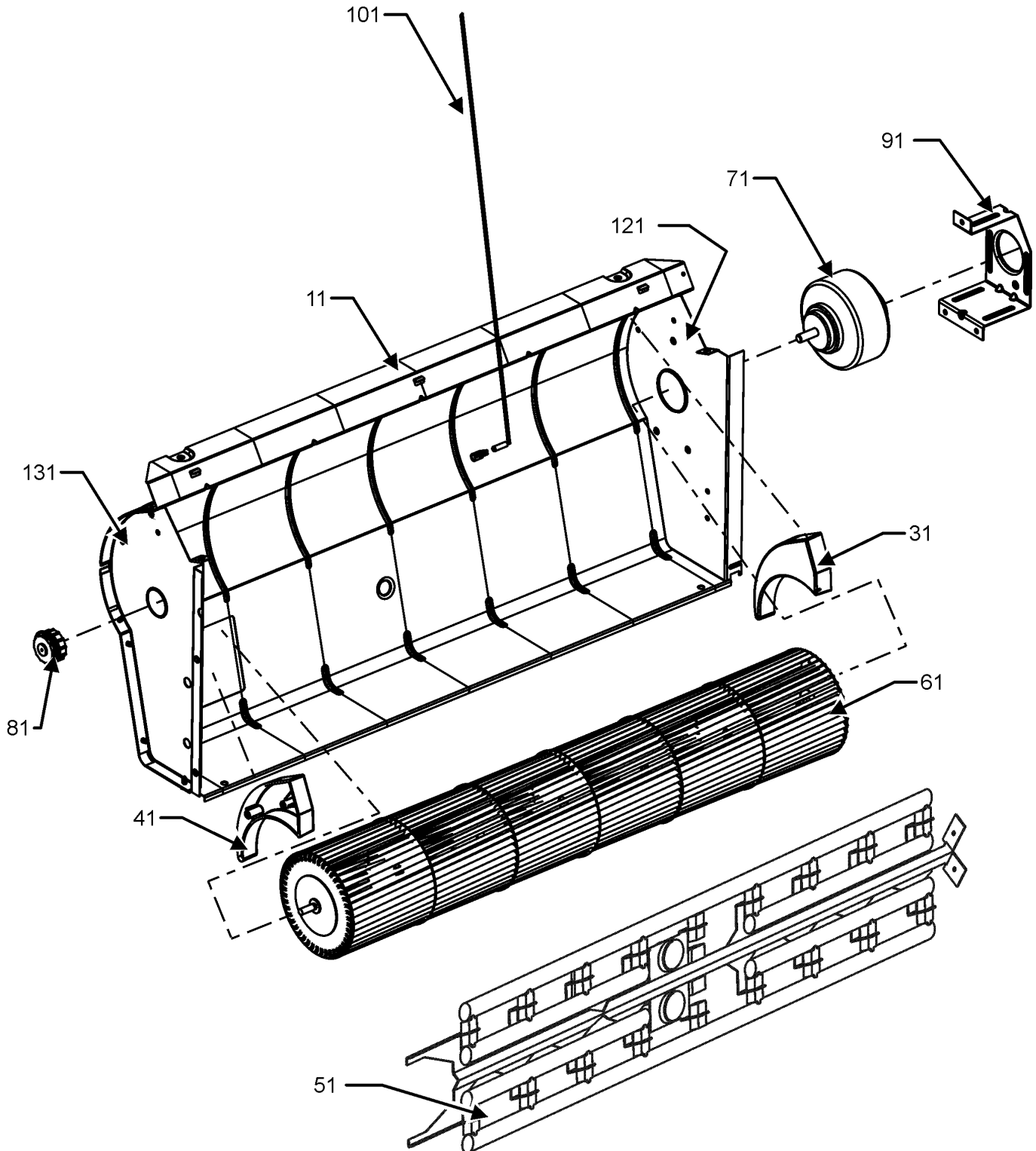
11	0121P00175DG	BASEPAN (M1, M3, M4, M5, M8, M9)
11	0121P00175NG	BASEPAN (M2, M6, M7)
21	0161P00044	PLASTIC-DRAIN PAN
61	0121P00108NG	PANEL-PARTITION
71	0121P00063NG	TOP, PARTITION PANEL
81	0121P00197	SEAL-L SIDE PTC
91	0121P00198	SEAL-R SIDE PTC
101	0121P00071NG	BRACE, TIE (QTY 2)
111	0121P00070DG	COVER, 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)
NS	0121P00160	PANEL-PARTITION (M2, M6, M7)

Expanded Model Nomenclature

M1 - PMC073G25AXXXGA
 M2 - PMC073G25CXXXGA
 M3 - PMC073G25ERXXGA
 M4 - PMC073G25EXXXGA
 M5 - PMC073G35AXXXGA
 M6 - PMC073G35CEXXGA
 M7 - PMC073G35CXXXGA
 M8 - PMC073G35ERXXGA
 M9 - PMC073G35EXXXGA

Indoor Blower Assembly

INDOOR BLOWER ASSEMBLY



Indoor Blower Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

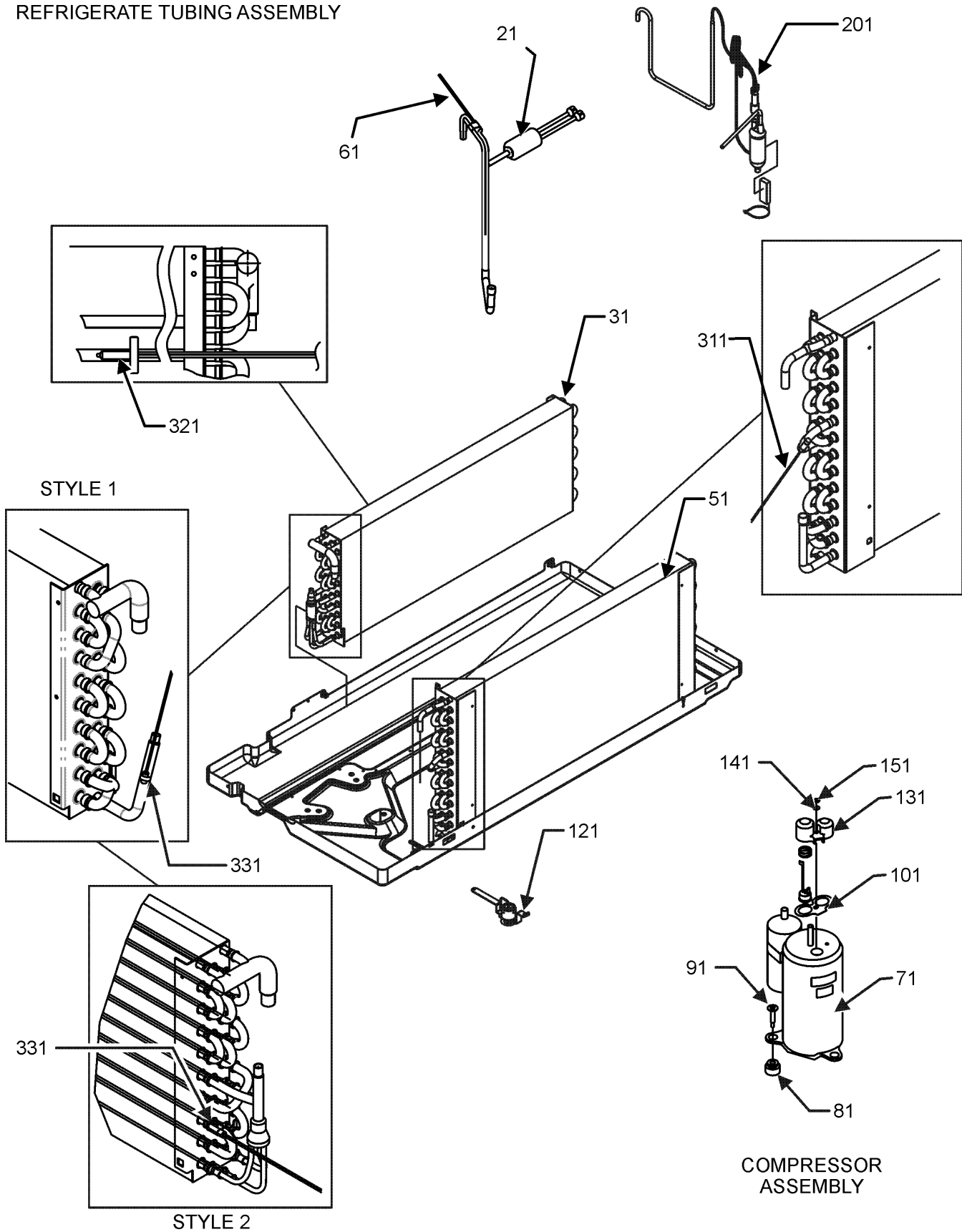
11	0270P01070	SCROLL ASSY
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00019	HEATER ASSY (M1, M2, M3, M4)
51	0275P00038	HEATER ASSY (M5, M6, M7, M8, M9)
61	0150P00005	WHEEL, BLOWER
71	0131P00029	FAN MOTOR, INDOOR
81	0163P00027	BEARING
91	0121P00048	BRACKET-MOTOR MOUNT
101	0130P00134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

Expanded Model Nomenclature

M1 - PMC073G25A XXXGA
M2 - PMC073G25C XXXGA
M3 - PMC073G25ER XXGA
M4 - PMC073G25EX XXGA
M5 - PMC073G35A XXXGA
M6 - PMC073G35CE XXGA
M7 - PMC073G35C XXGA
M8 - PMC073G35ER XXGA
M9 - PMC073G35EX XXGA

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:

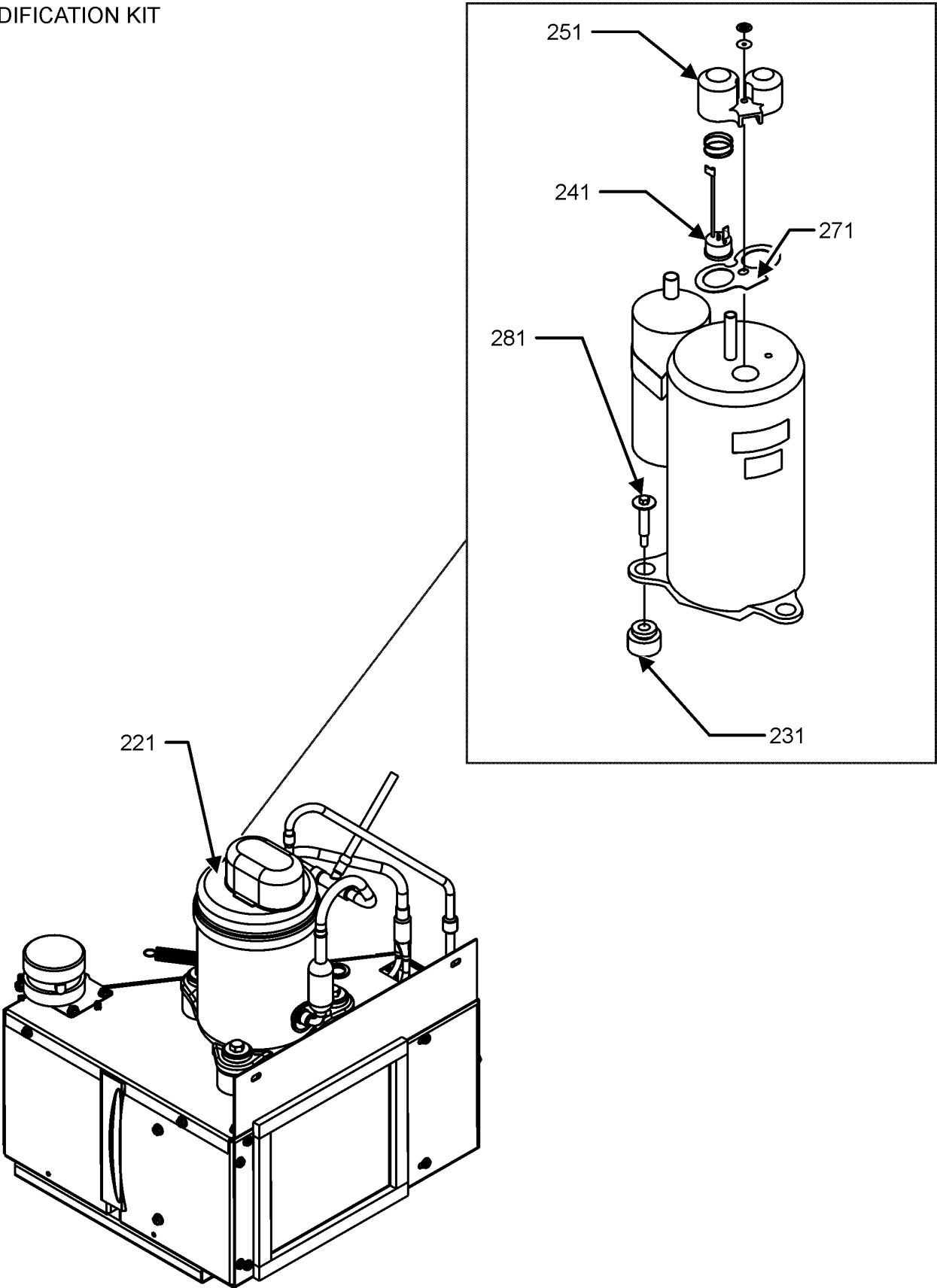
21	0130M00169	SWITCH, HIGH PRESS
31	0202P00093	7MM EVAP ASSY 2 ROW
51	0201P00161MB	5 MM COND COIL ASSY, PAINTED (M2, M6, M7)
51	0201P00159	5MM CONDENSER COIL ASSY (M1, M3, M4, M5, M8, M9)
61	0130P00077	THERMISTOR IHD ORANGE (M3, M8)
71	39B142GD&9BKZ	COMPRESSOR, RECHI
81	60130203	GROMMET - RECHI COMPRESSOR (QTY 3)
91	0163M00079	SHOULDER SCREW (QTY 3)
101	60100107	TERMINAL COVER GASKET
121	20406303	BASE PAN VALVE
131	60100317	TERMINAL COVER
141	60100201	WASHER - RECHI COMPRESSOR
151	60100401	TERMINAL NUT - RECHI COMP
201	0210P00579	CAPILLARY WELDMENT
311	0130P00094	THERMISTOR OCT BLUE (M3, M8)
321	0130P00164	THERMISTOR IAT BLACK
331	0130P00165	THERMISTOR ICT RED
NS	BT1392310	PLASTIC CLAMP, .1875 DIA (M3, M4, M6, M8, M9)

Expanded Model Nomenclature

M1 - PMC073G25A XXXGA
M2 - PMC073G25C XXXGA
M3 - PMC073G25ER XXXGA
M4 - PMC073G25E XXXGA
M5 - PMC073G35A XXXGA
M6 - PMC073G35CE XXXGA
M7 - PMC073G35C XXXGA
M8 - PMC073G35ER XXXGA
M9 - PMC073G35E XXXGA

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	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

Expanded Model Nomenclature

M1 - PMC073G25A XXXGA
M2 - PMC073G25C XXXGA
M3 - PMC073G25ER XXXGA
M4 - PMC073G25EX XXXGA
M5 - PMC073G35A XXXGA
M6 - PMC073G35CE XXXGA
M7 - PMC073G35C XXXGA
M8 - PMC073G35ER XXXGA
M9 - PMC073G35EX XXXGA