



REPAIR PARTS

PMC153G Package Terminal Air Conditioner

PMC153G35AXXXGA
PMC153G35CXXXGA
PMC153G35EXXXGA
PMC153G50AXXXGA
PMC153G50CXXXGA
PMC153G50EXXXGA



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This manual is to be used by qualified technicians only.

This manual replaces RP-A5318A

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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:

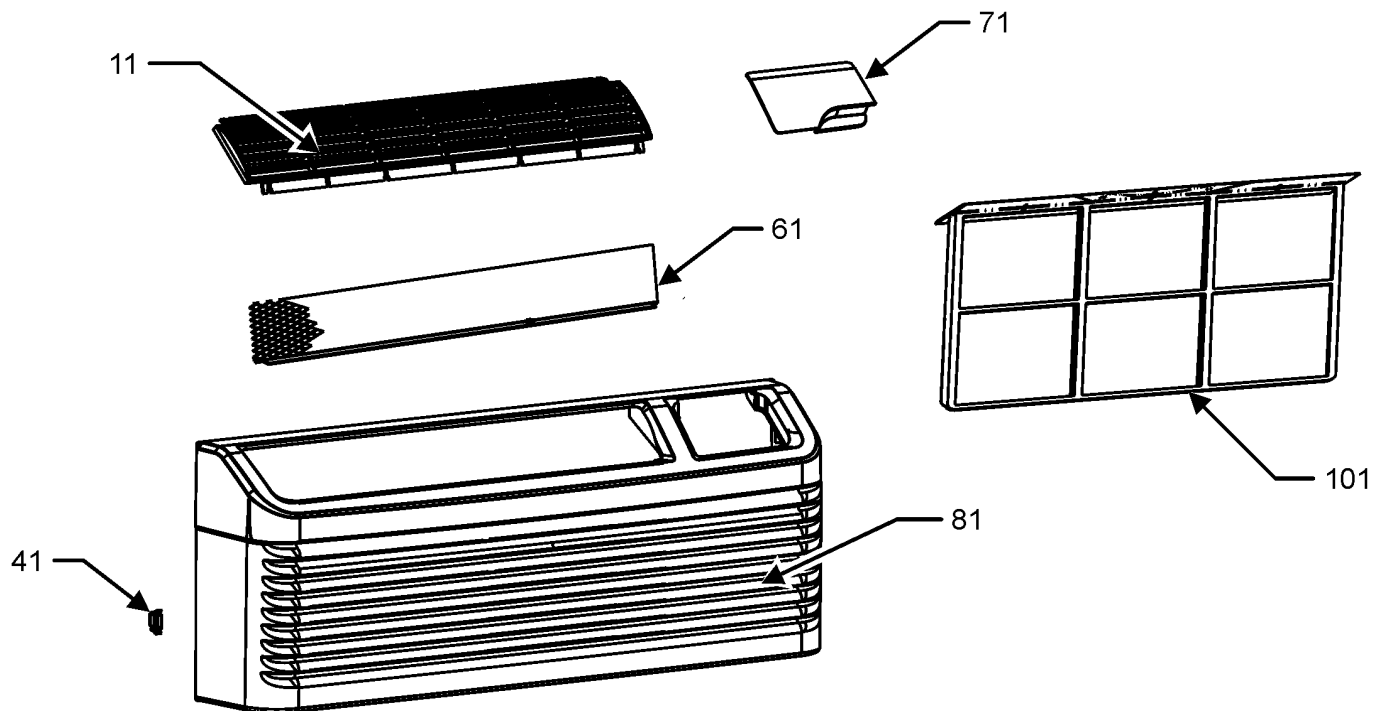
20406303	BASE PAN VALVE
CAP050300450CS	CAP, 5/30 MFD/450V/DUAL RD
CAP065000440RP	CAPACITOR
BSA357CN	COMPRESSOR, HITACHI 1 HP
50A362QM-9GKG	COMPRESSOR, RECHI
RSKP0014	CONTROL BOARD KIT
RSKP0012	CONTROL BOARD M70
RSKP0015	CONTROL PANEL COVER AND MEMBRANE
0130P00115	CORD,250VAC,20A (LCD) (M1, M2, M3)
0130P00118	CORD,250VAC,30A (LCD) (M4, M5, M6)
0130M00178	DPDT RELAY 24VAC (QTY 2)
0131P00025	FAN MOTOR OUTDOOR
0131P00029	FAN MOTOR, INDOOR
0161P00055	FAN, CONDENSER
0131P00078	FAN, MUFFIN
0275P00039	HEATER ASSY (M4, M5, M6)
0275P00038	HEATER ASSY (M1, M2, M3)
0130P00133	HUMIDITY SENSOR
PCBEP104	INDOOR DC CONTROL MOTOR
0130P00136	OVERLOAD PROTECTOR
PCBCP150	PCB CONTROL
PCBCP147	PCB, CONTROL, D70
0130M00096	RELAY (M3, M6)
0130M00169	SWITCH, HIGH PRESS
802007090	TERMINAL BOARD
0130P00132	THERMISTOR
0130P00159	THERMISTOR (M1, M3, M4, M5, M6)
0130P00134	THERMISTOR
0130P00098	THERMISTOR GREEN OAT
0130P00165	Thermistor Evap coil 7mm (M2)
0130P00164	Thermistor ID air 7mm
0130P00145	THERMISTOR, .250 CLIP, GRAY
0130M00599	TRANSFORMER 240V/208V TO 24V, 40VA (QTY 2)
0150P00005	WHEEL, BLOWER

Expanded Model Nomenclature

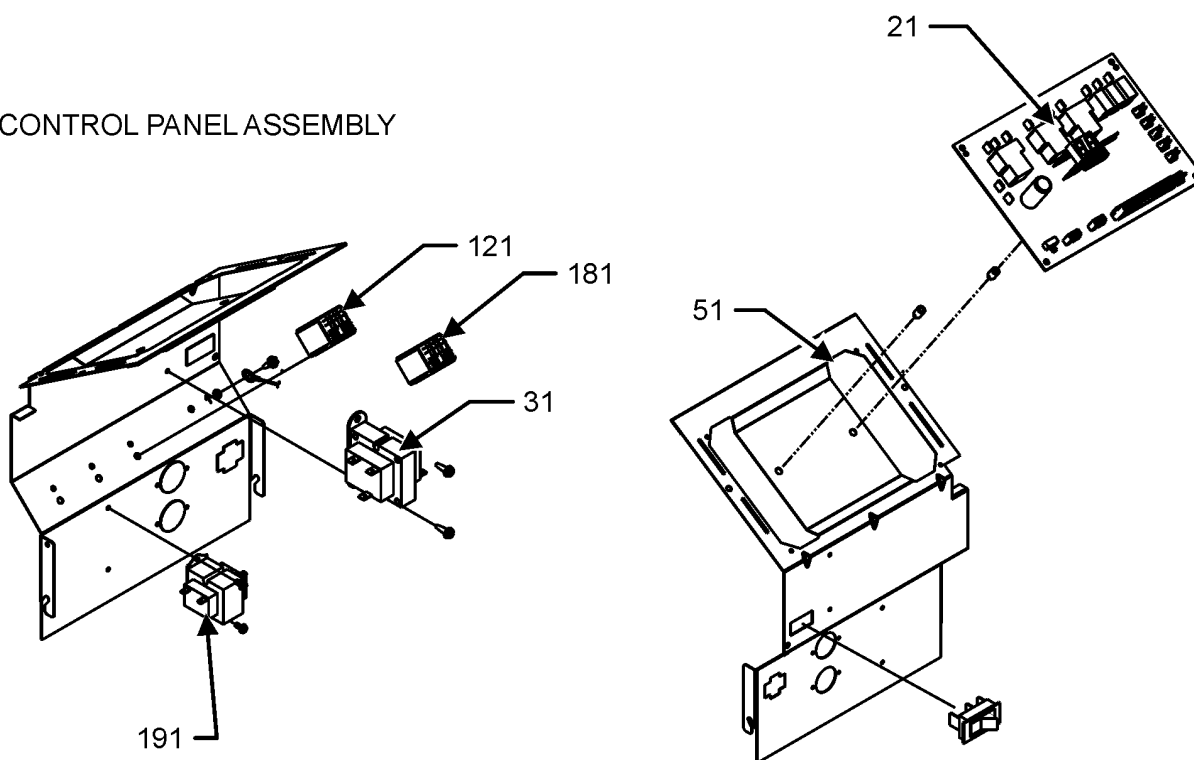
M1 - PMC153G35AXXXGA M2 - PMC153G35CXXXGA M3 - PMC153G35EXXXGA M4 - PMC153G50AXXXGA M5 - PMC153G50CXXXGA M6 - PMC153G50EXXXGA
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Control Panel and Front Assembly

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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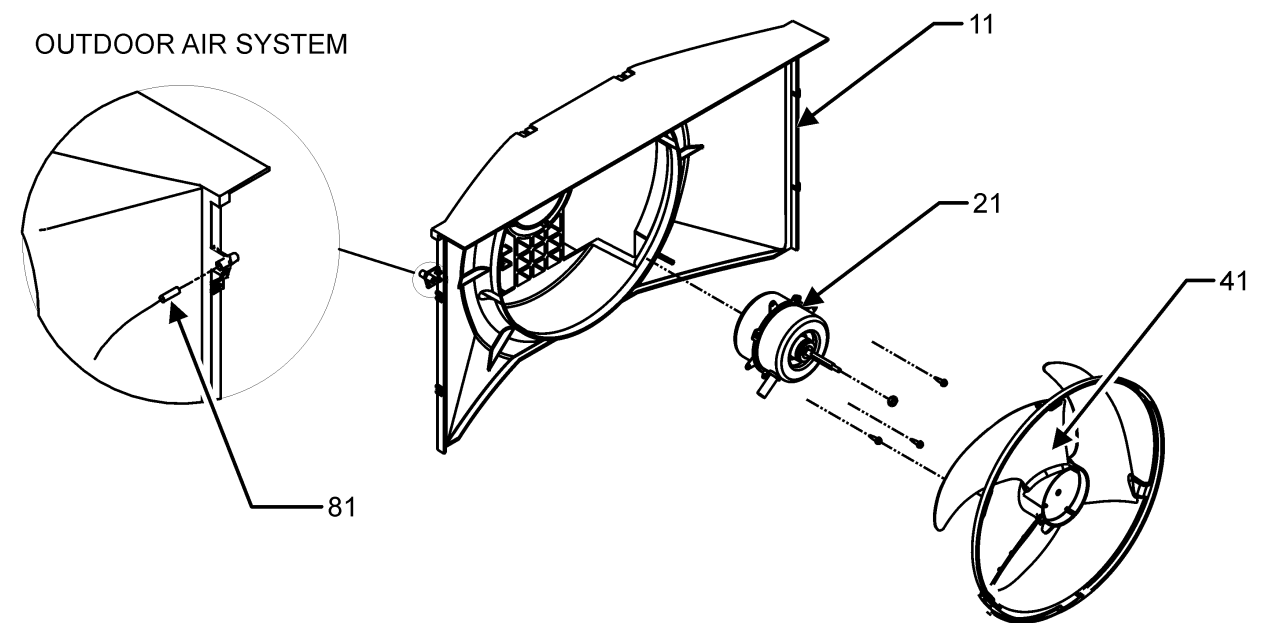
Image 1:

11	0161P00048	FRONT, LOUVERS DISCHARGE
21	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
121	0130M00178	DPDT RELAY 24VAC
181	0130M00178	DPDT RELAY 24VAC
181	0130M00096	RELAY (M3, M6)
191	0130M00599	TRANSFMR,40VA,240V/208V TO 24V
NS	RSKP0014	CONTROL BOARD KIT
NS	PCBCP150	PCB CONTROL
NS	PCBCP147	PCB, CONTROL, D70
NS	0259P00018	WIRE HARNESS

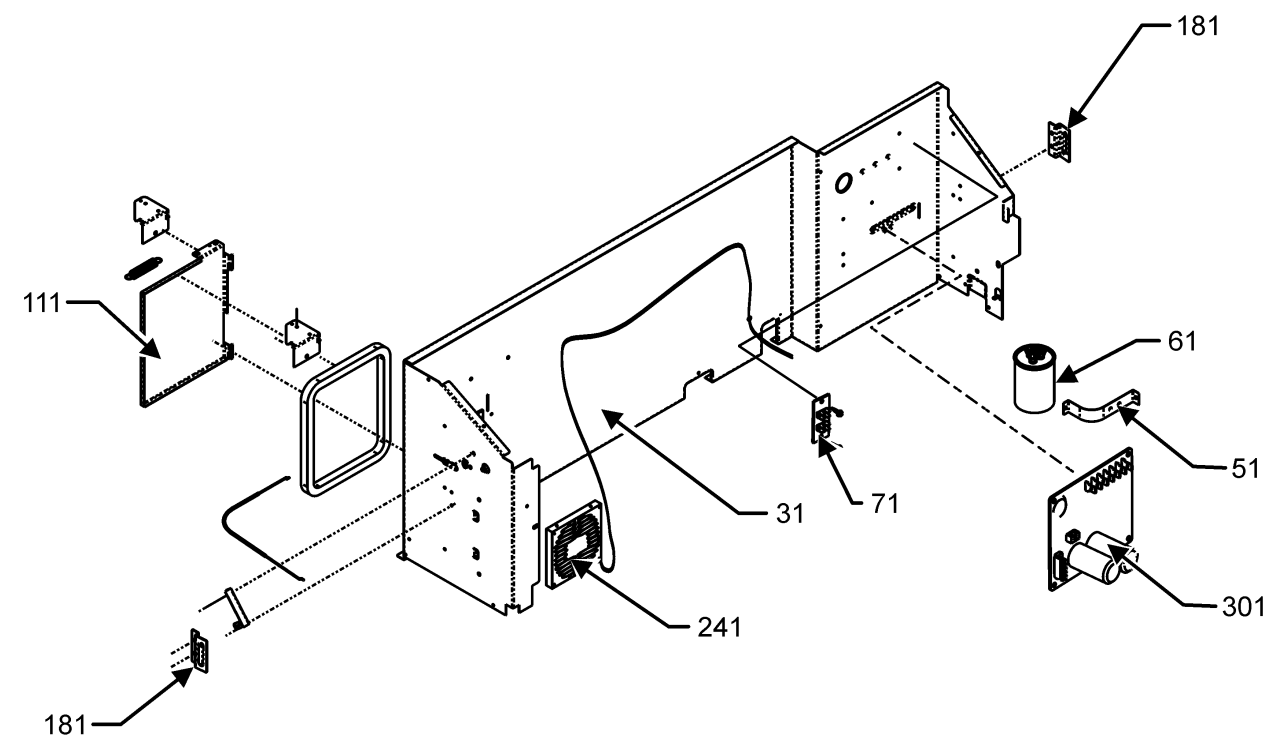
Expanded Model Nomenclature

M1 - PMC153G35A XXXGA
M2 - PMC153G35C XXXGA
M3 - PMC153G35E XXXGA
M4 - PMC153G50A XXXGA
M5 - PMC153G50C XXXGA
M6 - PMC153G50E XXXGA

Outdoor Air System and Partition Assy



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:

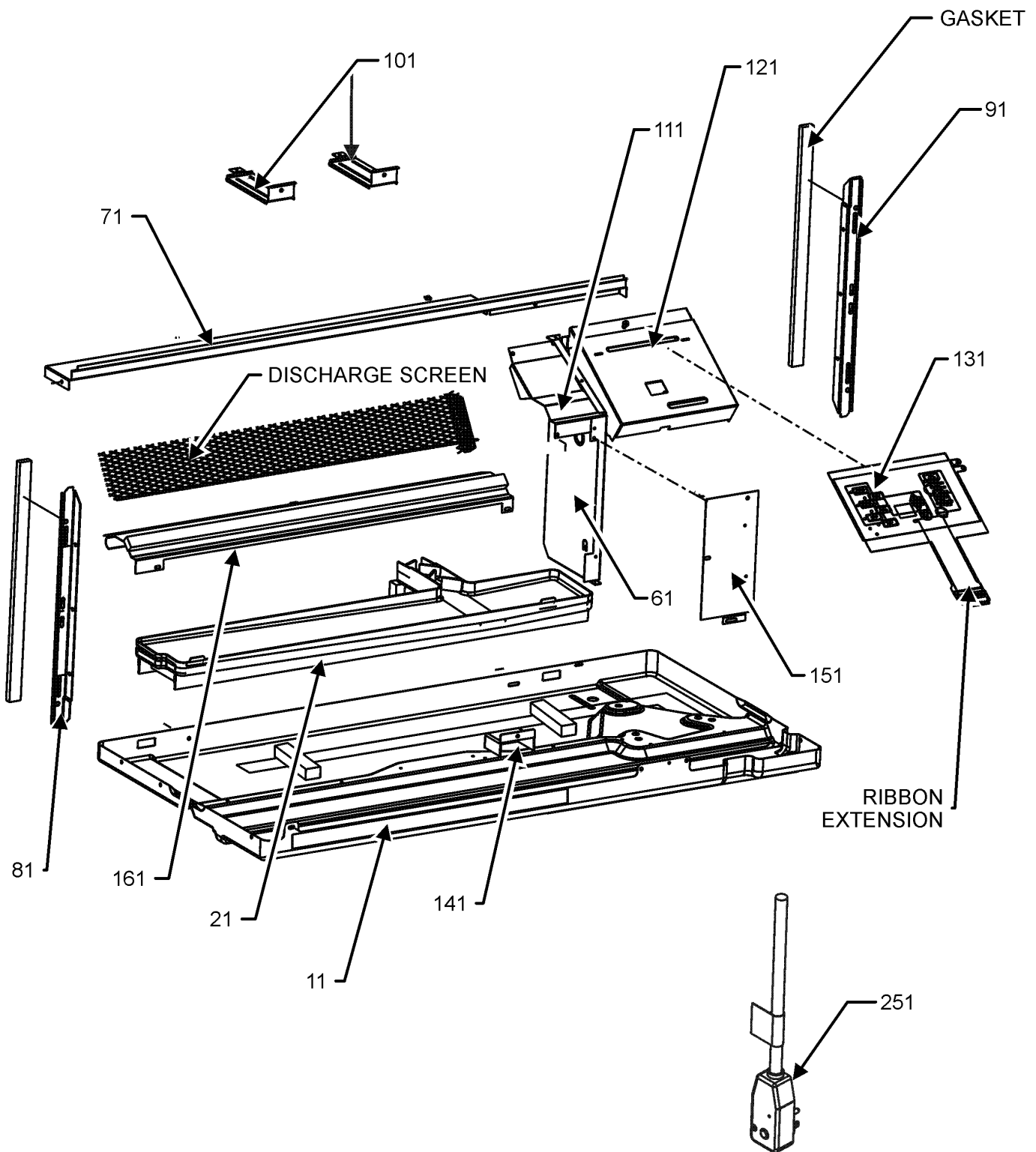
11	0161P00110	CONDENSER SHROUD
21	0131P00025	FAN MOTOR OUTDOOR
31	0121P00108NG	PANEL-PARTITION
41	0161P00055	FAN, CONDENSER
51	C6300502	CAPACITOR STRAP
61	CAP050300450CS	CAP, 5/30 MFD/450V/DUAL RD
71	802007090	TERMINAL BOARD
81	0130P00098	THERMISTOR GREEN OAT
111	0121P00208DG	VENT DOOR-DIGI AIR
181	11191703	PARTITION PANEL BRACKET (QTY 2)
241	0131P00044	HEATER, FAN, AXIAL, 250W (M3, M6)
301	PCBEP104	INDOOR DC CONTROL MOTOR

Expanded Model Nomenclature

M1 - PMC153G35AXXXGA
M2 - PMC153G35CXXXGA
M3 - PMC153G35EXXXGA
M4 - PMC153G50AXXXGA
M5 - PMC153G50CXXXGA
M6 - PMC153G50EXXXGA

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:

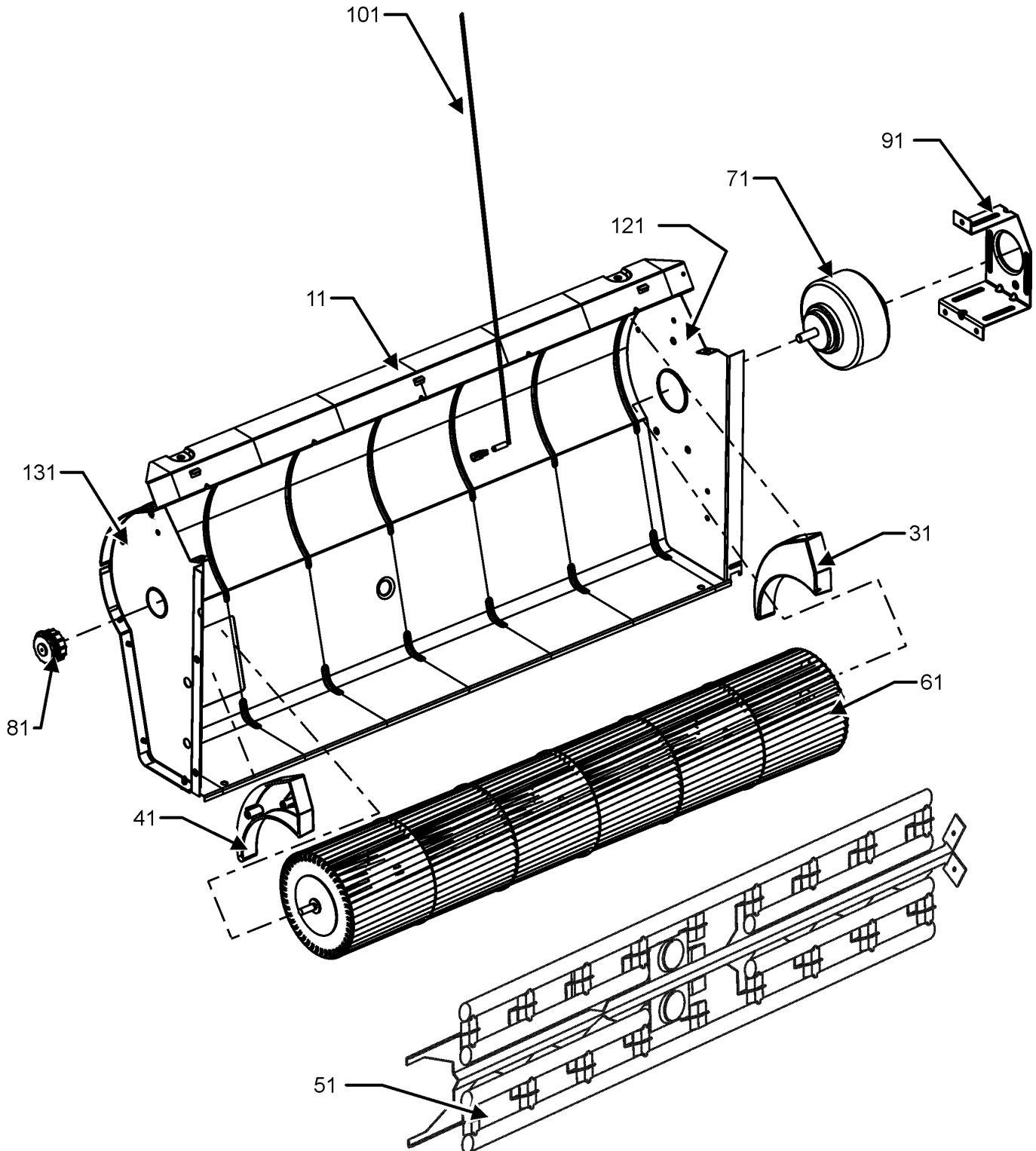
11	0121P00175DG	BASEPAN (M1, M3, M4, M6)
11	0121P00175NG	BASEPAN (M2, M5)
21	0161P00044	PLASTIC-DRAIN PAN
61	0121P00278	PANEL-MID PTN PTC
71	0121P00063NG	TOP, PARTITION PANEL
81	0121P00197	SEAL-L SIDE PTC
91	0121P00198	SEAL-R SIDE PTC
101	0121P00071NG	BRACE, TIE (QTY 2)
111	0121P00070DG	COVER, MOTOR
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	0130P00115	CORD,250VAC,20A (LCD) (M1, M2, M3)
251	0130P00118	CORD,250VAC,30A (LCD) (M4, M5, M6)
NS	0130P00109	MEMBRANE (CONTROL)

Expanded Model Nomenclature

M1 - PMC153G35A XXXGA M2 - PMC153G35C XXXGA M3 - PMC153G35E XXXGA M4 - PMC153G50A XXXGA M5 - PMC153G50C XXXGA M6 - PMC153G50E XXXGA
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Indoor Blower Assembly

INDOOR BLOWER ASSEMBLY



Indoor Blower Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

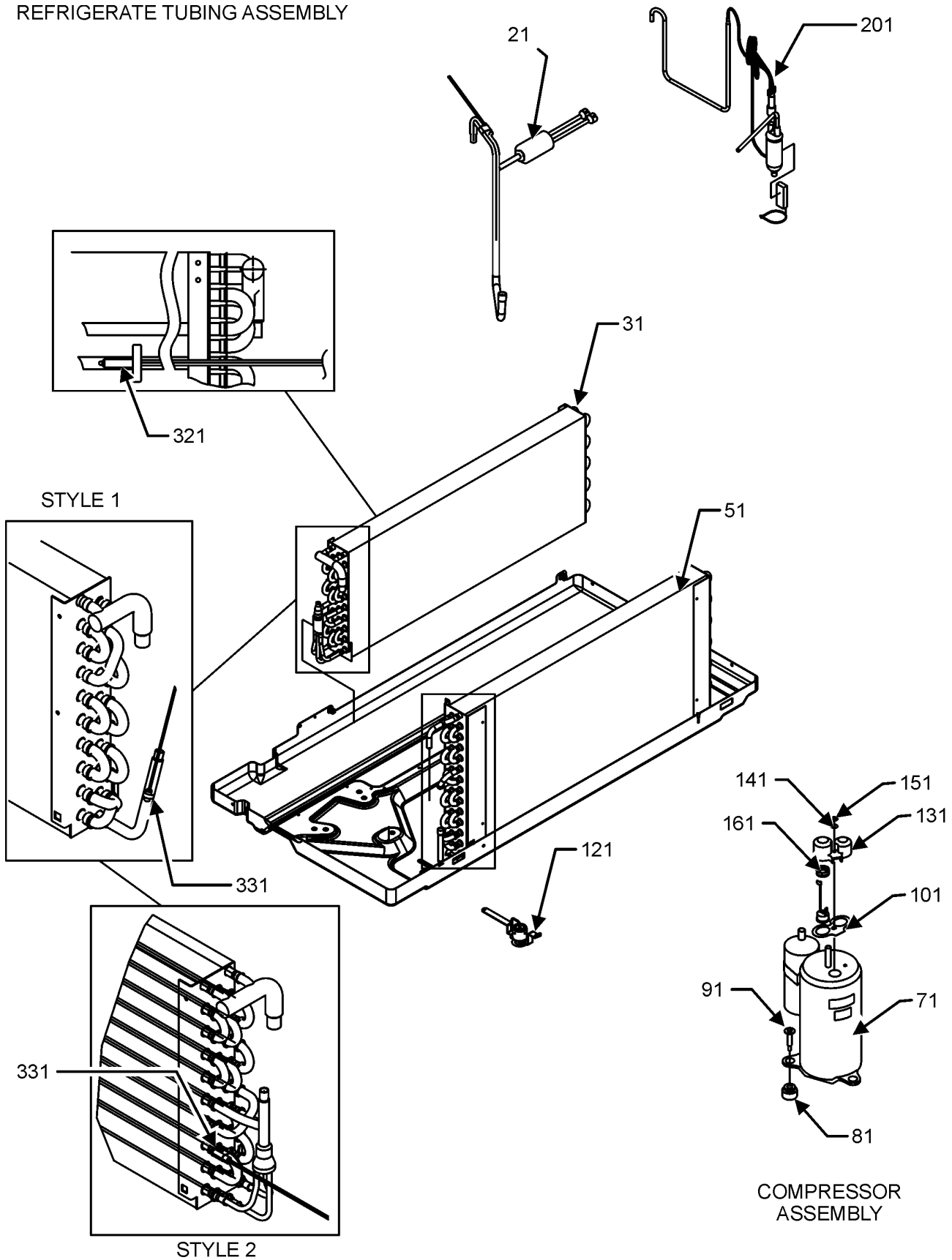
11	0270P01070	SCROLL ASSY
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00038	HEATER ASSY (M1, M2, M3)
51	0275P00039	HEATER ASSY (M4, M5, M6)
61	0150P00005	WHEEL, BLOWER
71	0131P00029	FAN MOTOR, INDOOR
81	0163P00027	BEARING
91	0121P00048	BRACKET-MOTOR MOUNT
101	0130P00134	THERMISTOR
121	0121P00059DG	ENDPLATE-RH SCROLL
131	0121P00215DG	ENDPLATE- LH SCROLL

Expanded Model Nomenclature

M1 - PMC153G35AXXXGA
M2 - PMC153G35CXXXGA
M3 - PMC153G35EXXXGA
M4 - PMC153G50AXXXGA
M5 - PMC153G50CXXXGA
M6 - PMC153G50EXXXGA

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:

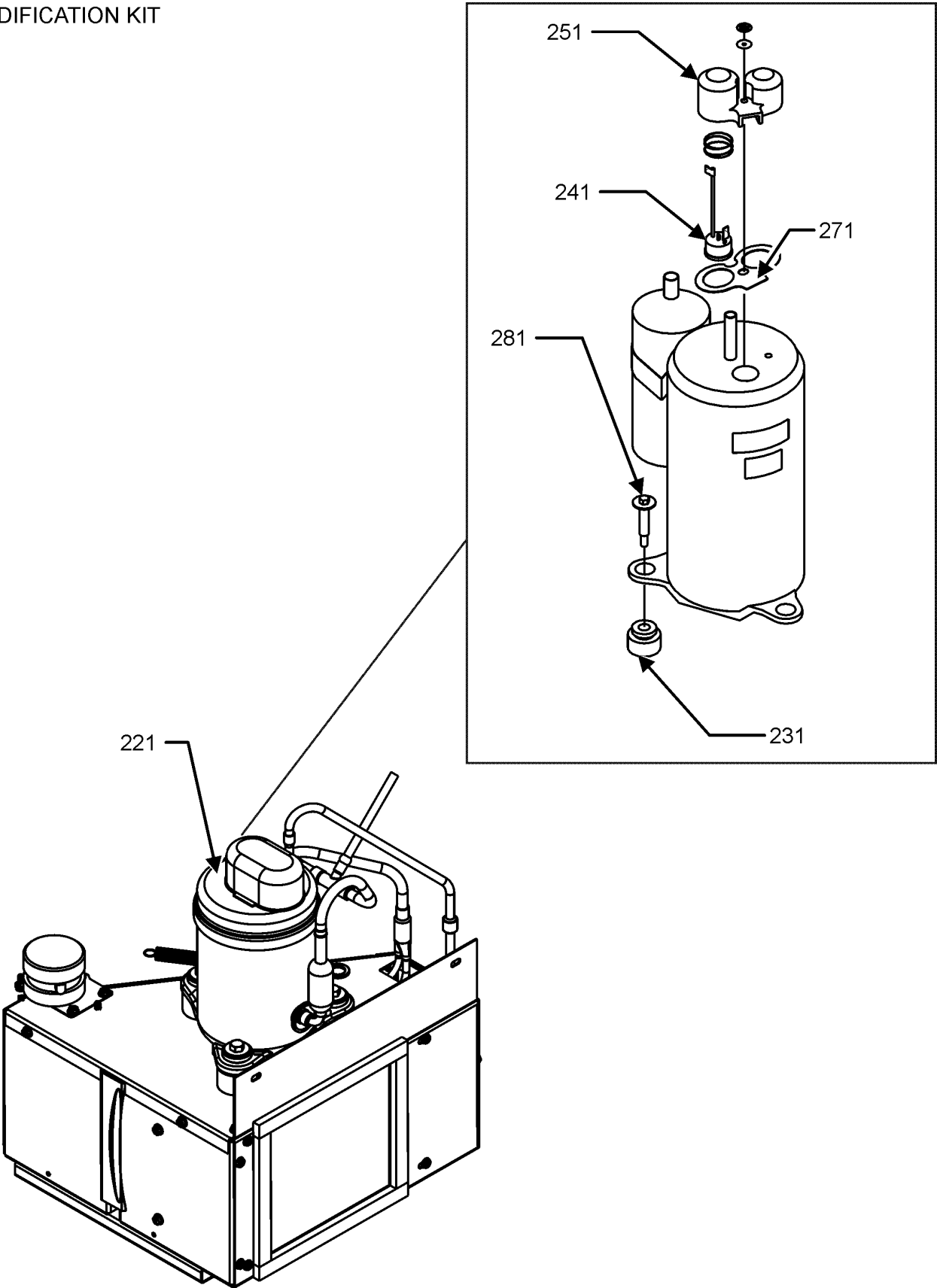
21	0130M00169	SWITCH, HIGH PRESS
31	0202P00115	7MM EVAP ASSY 2 ROW
51	0201P00161MB	5 MM COND COIL ASSY, PAINTED (M2, M5)
51	0201P00159	5MM CONDENSER COIL ASSY (M1, M3, M4, M6)
71	50A362QM-9GKG	COMPRESSOR, RECHI
81	60140209	GROMMET - RECHI COMPRESSOR (QTY 3)
91	M0253610	SCREW-SHLDR (QTY 3)
101	60100103	TERMINAL GASKET
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	0210P00582	CAPILLARY WELDMENT
321	0130P00164	Thermistor ID air 7mm
331	0130P00159	THERMISTOR (M1, M3, M4, M5, M6)
331	0130P00165	Thermistor Evap coil 7mm (M2)
NS	BT1392310	PLASTIC CLAMP, .1875 DIA (M3, M6)

Expanded Model Nomenclature

M1 - PMC153G35AXXXGA M2 - PMC153G35CXXXGA M3 - PMC153G35EXXXGA M4 - PMC153G50AXXXGA M5 - PMC153G50CXXXGA M6 - PMC153G50EXXXGA
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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	M0253610	SCREW-SHLDR (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	0270P01351DG	VENT/DEHUMIDIFICATION KIT

Expanded Model Nomenclature

M1 - PMC153G35A XXXGA
M2 - PMC153G35C XXXGA
M3 - PMC153G35E XXXGA
M4 - PMC153G50A XXXGA
M5 - PMC153G50C XXXGA
M6 - PMC153G50E XXXGA