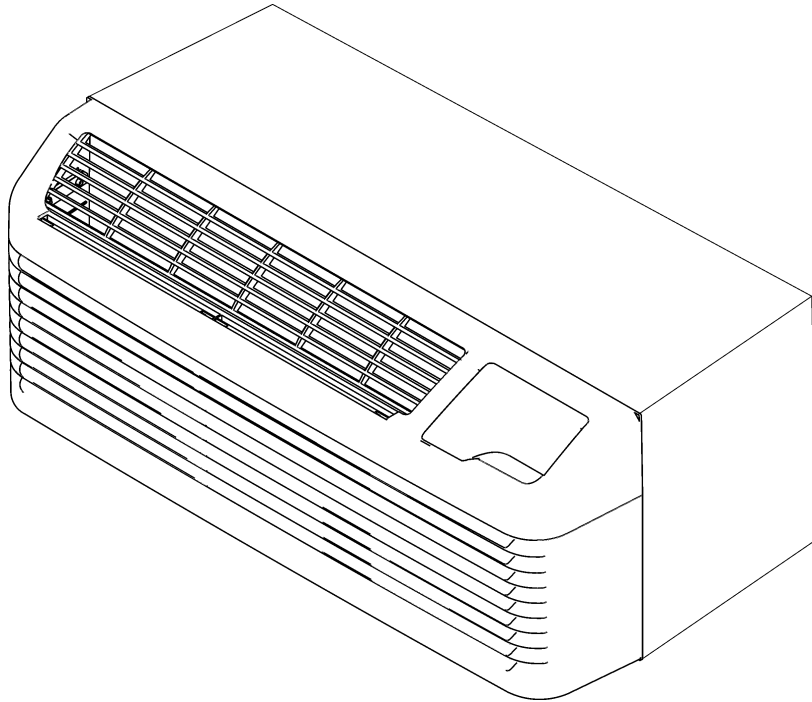


REPAIR PARTS

PTC073G Series R410A PTAC Coolers

PTC073G00AXXA
PTC073G00DHXA
PTC073G00HRXA
PTC073G00HVXA
PTC073G00HXXA
PTC073G00RXXA
PTC073G15CXXA
PTC073G25AXXA
PTC073G25CXXA
PTC073G25DXXA
PTC073G25RXXA
PTC073G25VXXA
PTC073G35AXXA
PTC073G35CXXA
PTC073G35QRXA
PTC073G35RXXA



This manual is to be used by qualified technicians only.

This manual replaces RP-690.

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Views shown are for parts illustrations only, not servicing procedures

Models with 5mm condenser coils.

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 Manufacturing 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 Manufacturing Company, L.P. also recommends contacting an authorized technician and using authorized factory parts.

Goodman Manufacturing 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:
Consumer Affairs Department
Goodman Manufacturing Company, L.P.
7401 Security Way
Houston, Texas 77040
877-254-4729-Telephone
713-863-2382-Facsimile

For assistance outside the U.S.A. contact:
International Division
Goodman Manufacturing Company, L.P.
7401 Security Way
Houston, Texas 77040
713-861-2500-Telephone
713-863-2382-Facsimile

Functional Parts

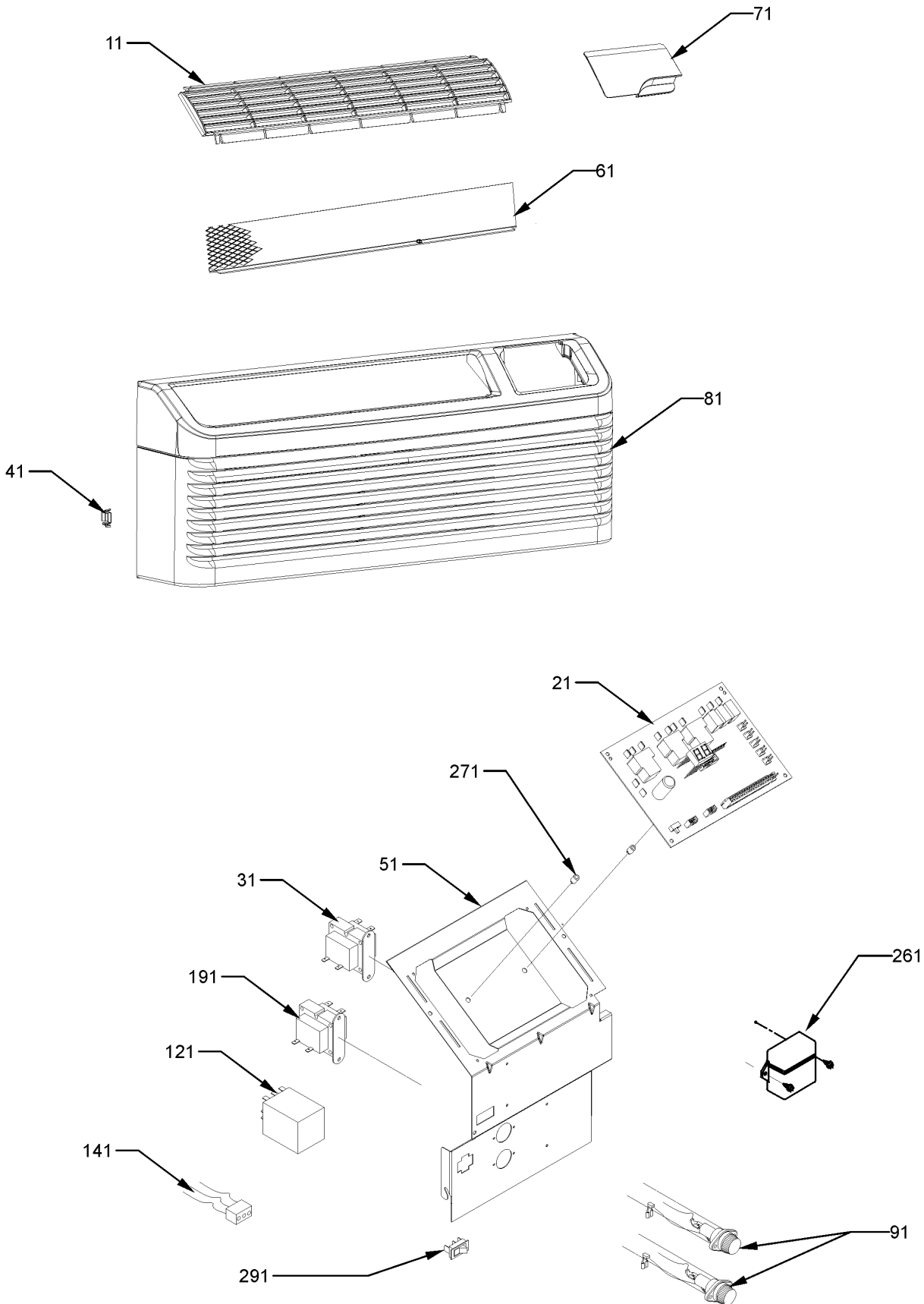
Part

No:

Description:

CAP020200450RS	CAP, 2/20 MFD/450V/DUAL RD
CAP020000440P	CAPACITOR, 440V
CAP020000440RP	CAPACITOR, 440V
	For serial numbers after 1210 use CAP020000440RP
39A162A	COMPRESSOR, RECHI
RSKP0010	CONTROL BOARD M61
RSKP0005	CONTROL PANEL COVER AND MEMBRANE
0131P00006	FAN MOTOR, INDOOR
0131P00027	FAN MOTOR, OUTDOOR
0161P00030	FAN, CONDENSER
0275P00019	HEATER ASSY (M8, M9, M10, M11, M12)
0275P00020	HEATER ASSY (M13, M14, M15, M16)
0275P00022	HEATER ASSY (M7)
11172801	POWER VENT MOTOR (M2, M4, M10, M12)
0130M00096	RELAY
C8873917	RELAY (HYDRONIC) (M2, M3, M4, M5)
C8873932	RELAY (POWER VENT) (M2, M4, M10, M12)
B1160701	TERMINAL BOARD (M2, M4, M10, M12)
0130P00038	THERMISTOR-DISCHARGE
20295709	THERMISTOR-HEAT PUMP (M3, M6, M11, M15, M16)
0130P00046	THERMISTOR-INDOOR AMBIENT
20295707	THERMISTOR-INDOOR COIL
0130P00039	THERMISTOR-OUTDOOR AMBIENT (M3, M6, M11, M15, M16)
B1378501	TRANSFORMER (M2, M3, M4, M5, M10, M12)
20512501	TRANSFORMER (HYDRONIC) (M1, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)
0150P00004	WHEEL, BLOWER

Control Panel / Front Assembly



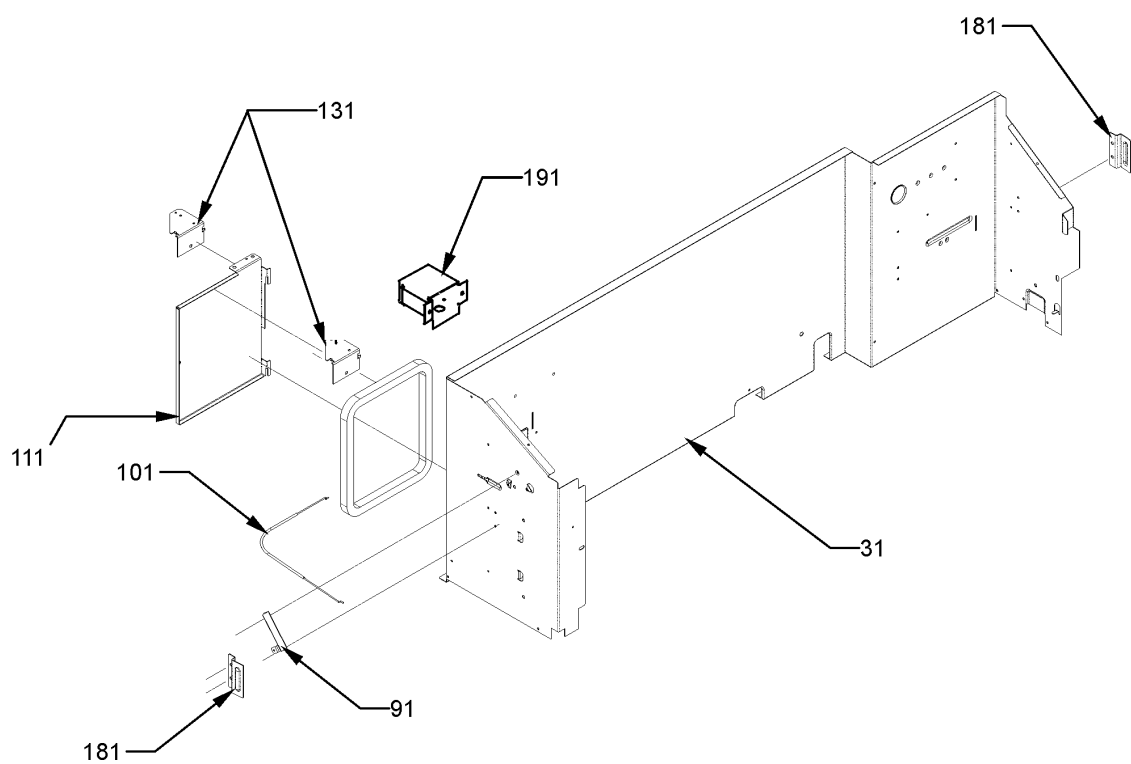
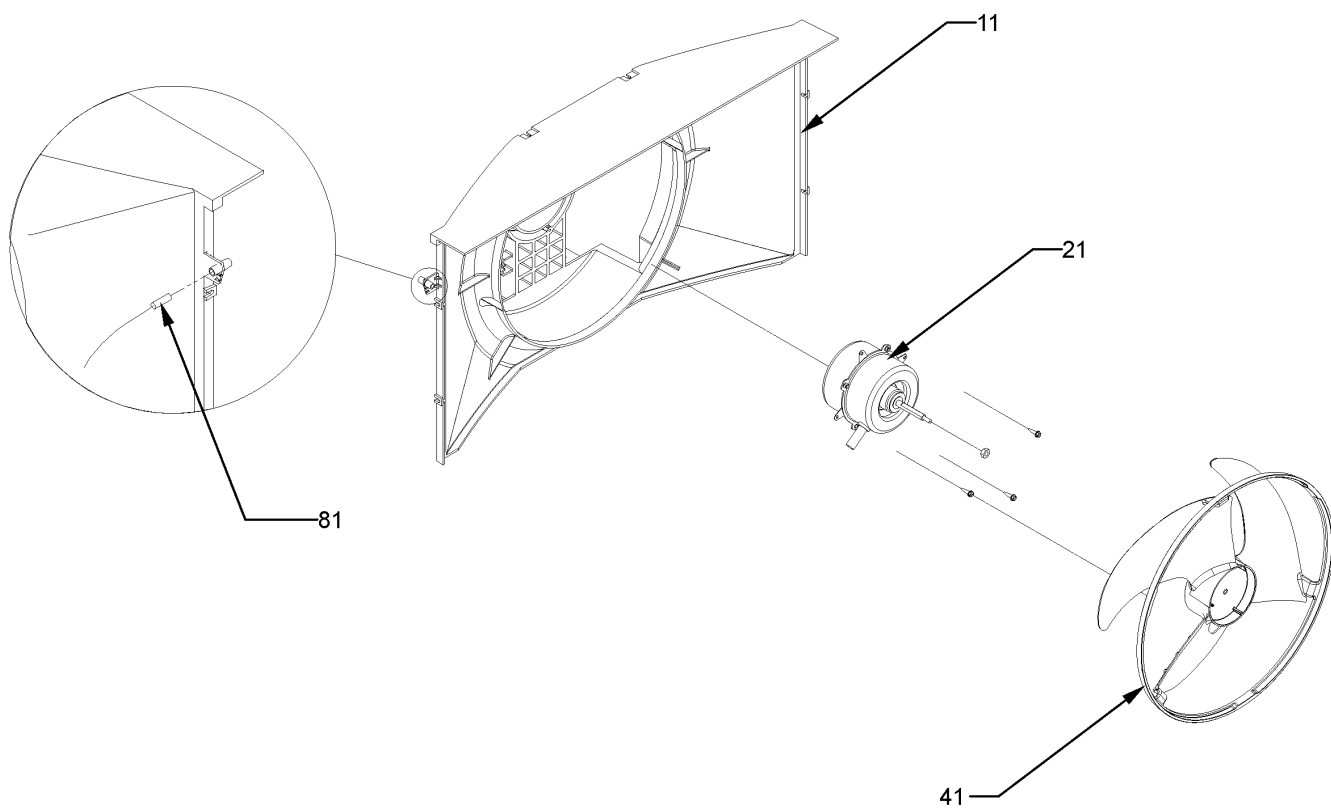
Control Panel / Front Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>			
11	0161P00033	FRONT-DICHARGE LOUVERS (M1, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)	
21	RSKP0010	CONTROL BOARD M61	
31	20512501	TRANSFORMER (HYDRONIC) (M1, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)	
41	0163P00025	CLIP (M1, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)	
51	0121P00087	PANEL, CONTROL	
61	0121P00073DG	DISCHARGE SCREEN, PNT (M1, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)	
71	0261P00003	DOOR ASSY -AMANA- (M1, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)	
81	0261P00011	FRONT ASSY (M1, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)	
121	0130M00096	RELAY	
121	C8873917	RELAY (HYDRONIC) (M2, M3, M4, M5)	
121	C8873932	RELAY (POWER VENT) (M2, M4, M10, M12)	
141	0259P00009	HARNESS, HYDR HT PTC (M2, M3, M4, M5)	
191	B1378501	TRANSFORMER (M2, M3, M4, M5, M10, M12)	
291	B1337701	PADDLE SWITCH (M2, M4, M10, M12)	
NS	0161P00035	FILTER, RACK (M1, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)	
NS	B1160701	TERMINAL BOARD (M2, M4, M10, M12)	

Expanded Model Nomenclature

M1 - PTC073G00AXXXAA
M2 - PTC073G00DHXXAA
M3 - PTC073G00HRXXAA
M4 - PTC073G00HVXXAA
M5 - PTC073G00HXXXAA
M6 - PTC073G00RXXXAA
M7 - PTC073G15CXXXAA
M8 - PTC073G25AXXXAA
M9 - PTC073G25CXXXAA
M10 - PTC073G25DXXXAA
M11 - PTC073G25RXXXAA
M12 - PTC073G25VXXXAA
M13 - PTC073G35AXXXAA
M14 - PTC073G35CXXXAA
M15 - PTC073G35QRXXAA
M16 - PTC073G35RXXXAA

Condenser Fan / Partition Assembly



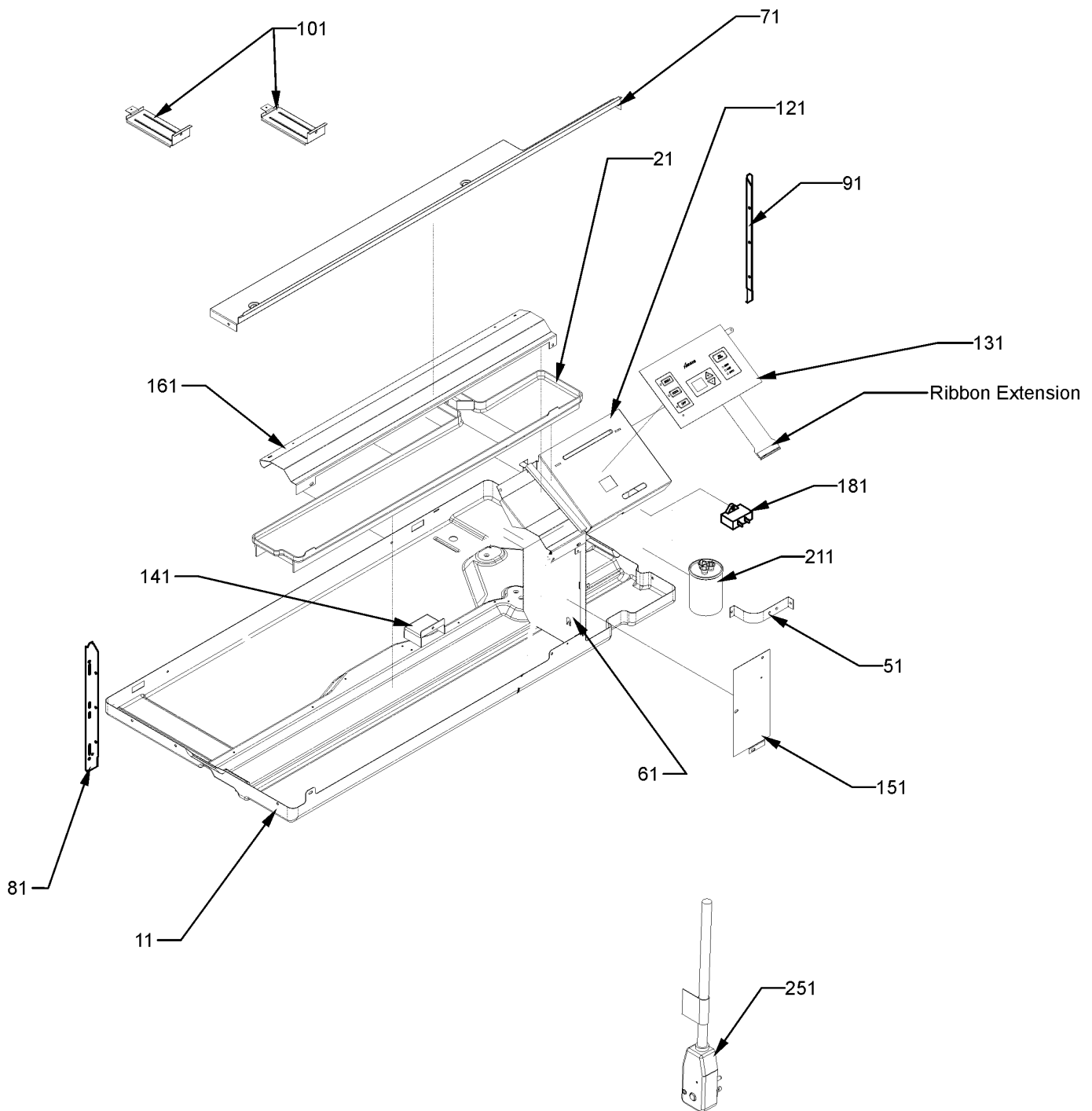
Condenser Fan / Partition Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>			
11	0161P00026		SHROUD, CONDENSER
21	0131P00027		FAN MOTOR, OUTDOOR
41	0161P00030		FAN, CONDENSER
81	0130P00039		THERMISTOR-OUTDOOR AMBIENT (M3, M6, M11, M15, M16)
91	11046302		LEVER ARM (M1, M3, M5, M6, M7, M8, M9, M11, M13, M14, M16)
101	0163P00019		CABLE
111	11046105		VENT DOOR (M1, M2, M3, M4, M5, M6, M8, M10, M11, M12, M13, M16)
131	0121P00072DG		BRACKET, VENT DOOR-C (M1, M3, M5, M6, M7, M8, M9, M11, M13, M14, M16)
131	0121P00080		BRKT, POWER VENT (M2, M4, M10, M12)
131	11166101		POWER VENT MOTOR BRACKET (M2, M4, M10, M12)
181	11191703		PARTITION PANEL BRACKET (M1, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)
191	0270P00997		POWER DOOR ASSY (M2, M10)
191	0270P01059		POWER VENT ASSY (M4, M12)
NS	11166401		EXTENSION SPRING (M2, M4, M10, M12)
NS	11166201		POWER VENT COVER BRACKET (M2, M4, M10, M12)
NS	11172801		POWER VENT MOTOR (M2, M4, M10, M12)

Expanded Model Nomenclature

M1 - PTC073G00AXXXAA
M2 - PTC073G00DHXXAA
M3 - PTC073G00HRXXAA
M4 - PTC073G00HVXXAA
M5 - PTC073G00HXXXAA
M6 - PTC073G00RXXXAA
M7 - PTC073G15CXXXAA
M8 - PTC073G25AXXXAA
M9 - PTC073G25CXXXAA
M10 - PTC073G25DXXXAA
M11 - PTC073G25RXXXAA
M12 - PTC073G25VXXXAA
M13 - PTC073G35AXXXAA
M14 - PTC073G35CXXXAA
M15 - PTC073G35QRXXAA
M16 - PTC073G35RXXXAA

Partition Assembly



Partition Assembly

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

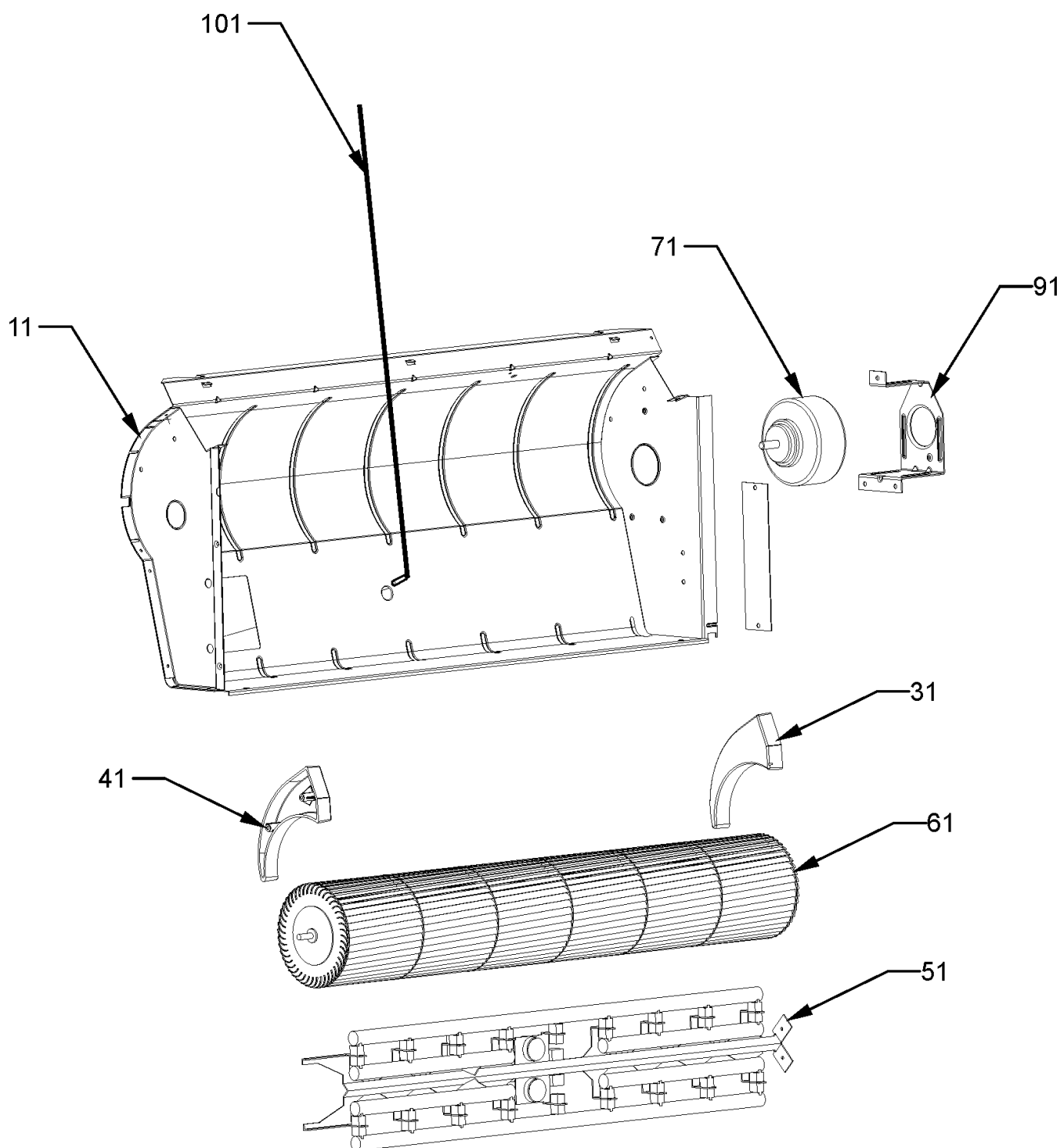
11	0121P00056DG	BASEPAN, PNT
21	0161P00044	PLASTIC-DRAIN PAN
51	C6300502	CAPACITOR STRAP
61	20403301	MID PARTITION PANEL
71	0121P00063DG	TOP, PARTITION PANEL PNT
81	20416201	SEAL-L SIDE PTC
91	20416101	SEAL-R SIDE PTC
101	0121P00071DG	BRACE, TIE (QTY 2)
121	0121P00001P	CONTROL PANEL COVER
131	RSKP0005	CONTROL PANEL COVER AND MEMBRANE
141	0161P00016	PLASTIC-HOOD
151	20410801	ACCESS COVER
161	0121P00061DG	CUTOFF-SCROLL DG
181	CAP020000440P	CAPACITOR, 440V
181	CAP020000440RP	CAPACITOR, 440V
For serial numbers after 1210 use CAP020000440RP		
211	CAP020200450RS	CAP, 2/20 MFD/450V/DUAL RD
251	0130P00069	CORD, 250VAC, 15A (LCD) (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12)
251	0130P00058	CORD, 250VAC, 20A (LCD) (M13, M14, M15, M16)
NS	0121P00070DG	COVER, MOTOR PNT

Expanded Model Nomenclature

M1 - PTC073G00AXXXAA
M2 - PTC073G00DHXXAA
M3 - PTC073G00HRXXAA
M4 - PTC073G00HVXXAA
M5 - PTC073G00HXXAA
M6 - PTC073G00RXXAA
M7 - PTC073G15CXXAA
M8 - PTC073G25AXXXAA
M9 - PTC073G25CXXAA
M10 - PTC073G25DXXAA
M11 - PTC073G25RXXAA
M12 - PTC073G25VXXAA
M13 - PTC073G35AXXXAA
M14 - PTC073G35CXXAA
M15 - PTC073G35QRXXAA
M16 - PTC073G35RXXAA

For serial numbers after 1210 use CAP020000440RP

Evaporator Blower / Heater Assembly



Evaporator Blower / Heater Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

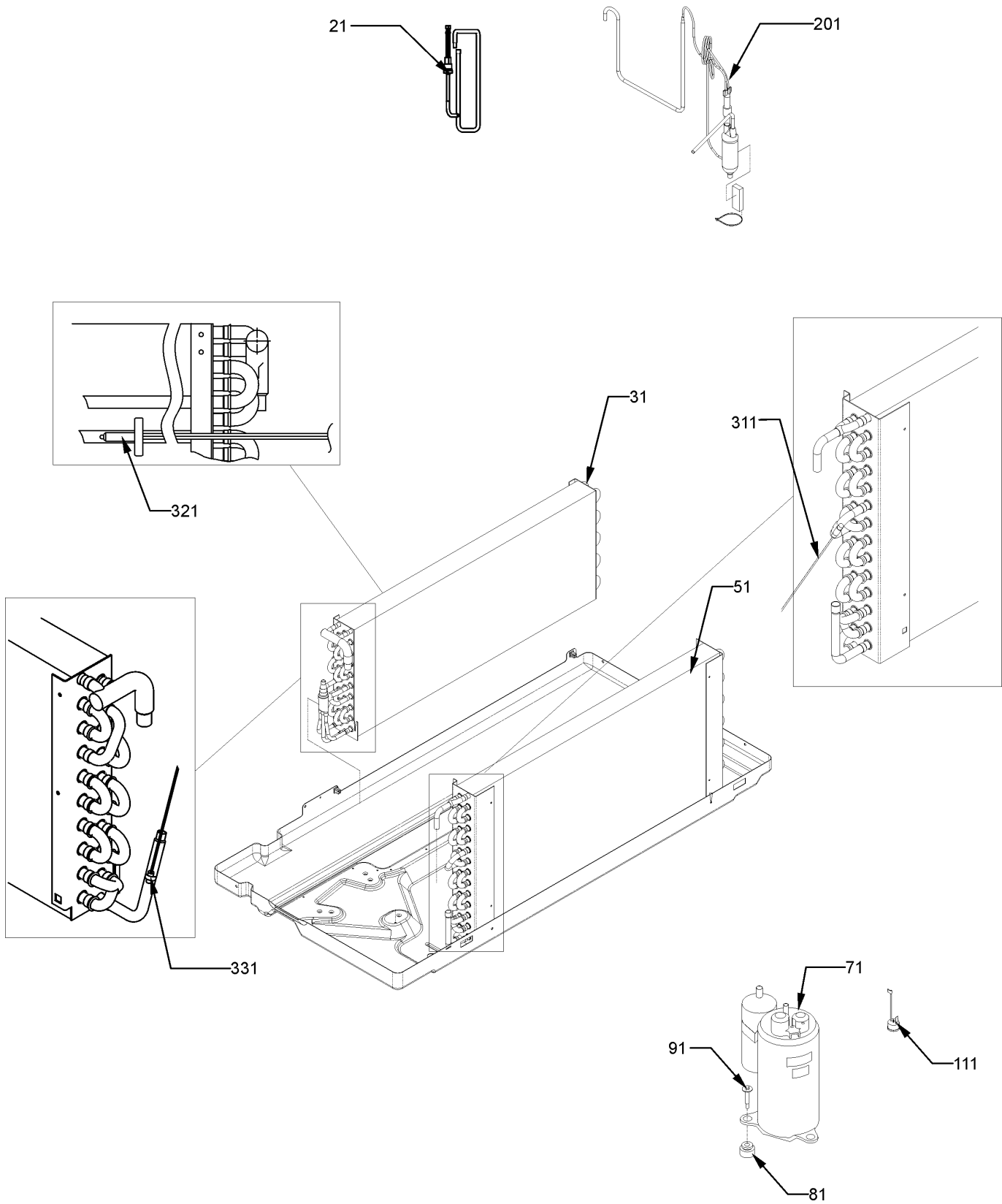
Image 1:

11	0270P01070	SCROLL ASSY
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00019	HEATER ASSY (M8, M9, M10, M11, M12)
51	0275P00020	HEATER ASSY (M13, M14, M15, M16)
51	0275P00022	HEATER ASSY (M7)
61	0150P00004	WHEEL, BLOWER
71	0131P00006	FAN MOTOR, INDOOR
91	0121P00048	BRACKET-MOTOR MOUNT
101	0130P00038	THERMISTOR-DISCHARGE
NS	0163P00027	BEARING

Expanded Model Nomenclature

M1 - PTC073G00AXXXAA
M2 - PTC073G00DHXXAA
M3 - PTC073G00HRXXAA
M4 - PTC073G00HVXXAA
M5 - PTC073G00HXXAA
M6 - PTC073G00RXXAA
M7 - PTC073G15CXXAA
M8 - PTC073G25AXXXAA
M9 - PTC073G25CXXAA
M10 - PTC073G25DXXAA
M11 - PTC073G25RXXAA
M12 - PTC073G25VXXAA
M13 - PTC073G35AXXXAA
M14 - PTC073G35CXXAA
M15 - PTC073G35QRXXAA
M16 - PTC073G35RXXAA

Coil / Compressor / Tubing Assembly



Coil / Compressor / Tubing Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>			
21	0130M00066		SWITCH, HIGH PRESS
31	0202P00067		EVAP ASSY, 3/8, 2 ROW
51	0201P00094		5MM CONDENSER COIL ASSY (M1, M2, M3, M4, M5, M6, M8, M10, M11, M12, M13, M15, M16)
51	0202P00072DG		CONDENSER ASSY (M7, M9, M14)
71	39A162A		COMPRESSOR, RECHI
81	60110202		GROMMET - RECHI COMPRESSOR (QTY 3)
91	M0253661		SHOULDER SCREW (QTY 3)
111	60343516		OVERLOAD PROTECTOR
201	0210P00208		CAPILLARY WELDMENT
311	20295709		THERMISTOR-HEAT PUMP (M3, M6, M11, M15, M16)
321	0130P00046		THERMISTOR-INDOOR AMBIENT
331	20295707		THERMISTOR-INDOOR COIL
NS	60500101		OLP SPRING - RECHI COMPRESSOR
NS	60100314		TERMINAL COVER - RECHI COMP
NS	60100103		TERMINAL GASKET
NS	60100401		TERMINAL NUT - RECHI COMP
NS	60100201		WASHER - RECHI COMPRESSOR

Expanded Model Nomenclature

M1 - PTC073G00AXXXAA
M2 - PTC073G00DHXXAA
M3 - PTC073G00HRXXAA
M4 - PTC073G00HVXXAA
M5 - PTC073G00HXXXAA
M6 - PTC073G00RXXXAA
M7 - PTC073G15CXXXAA
M8 - PTC073G25AXXXAA
M9 - PTC073G25CXXXAA
M10 - PTC073G25DXXXAA
M11 - PTC073G25RXXXAA
M12 - PTC073G25VXXXAA
M13 - PTC073G35AXXXAA
M14 - PTC073G35CXXXAA
M15 - PTC073G35QRXXAA
M16 - PTC073G35RXXXAA