
PTC073G Package Terminal Air Conditioner

PTC073G00AXXXGA
PTC073G00DHRXGA
PTC073G00DHXXGA
PTC073G00HQRXGA
PTC073G00HQXXGA
PTC073G00HRXXGA
PTC073G00HVXXGA
PTC073G00HXXXGA
PTC073G00RXXXGA
PTC073G15AXXXGA
PTC073G15CXXXGA
PTC073G15QXXXGA
PTC073G25AXXXGA
PTC073G25CRXXGA
PTC073G25CXXXGA
PTC073G25DXXXGA
PTC073G25QRXXGA
PTC073G25QXXXGA
PTC073G25RXXXGA
PTC073G25VXXXGA
PTC073G35AXXXGA
PTC073G35CRXXGA
PTC073G35CXXXGA
PTC073G35DXXXGA
PTC073G35QRXXGA
PTC073G35QXXXGA
PTC073G35RVXXGA
PTC073G35RXXXGA
PTC073G35VXXXGA



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This manual is to be used by qualified technicians only.

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:

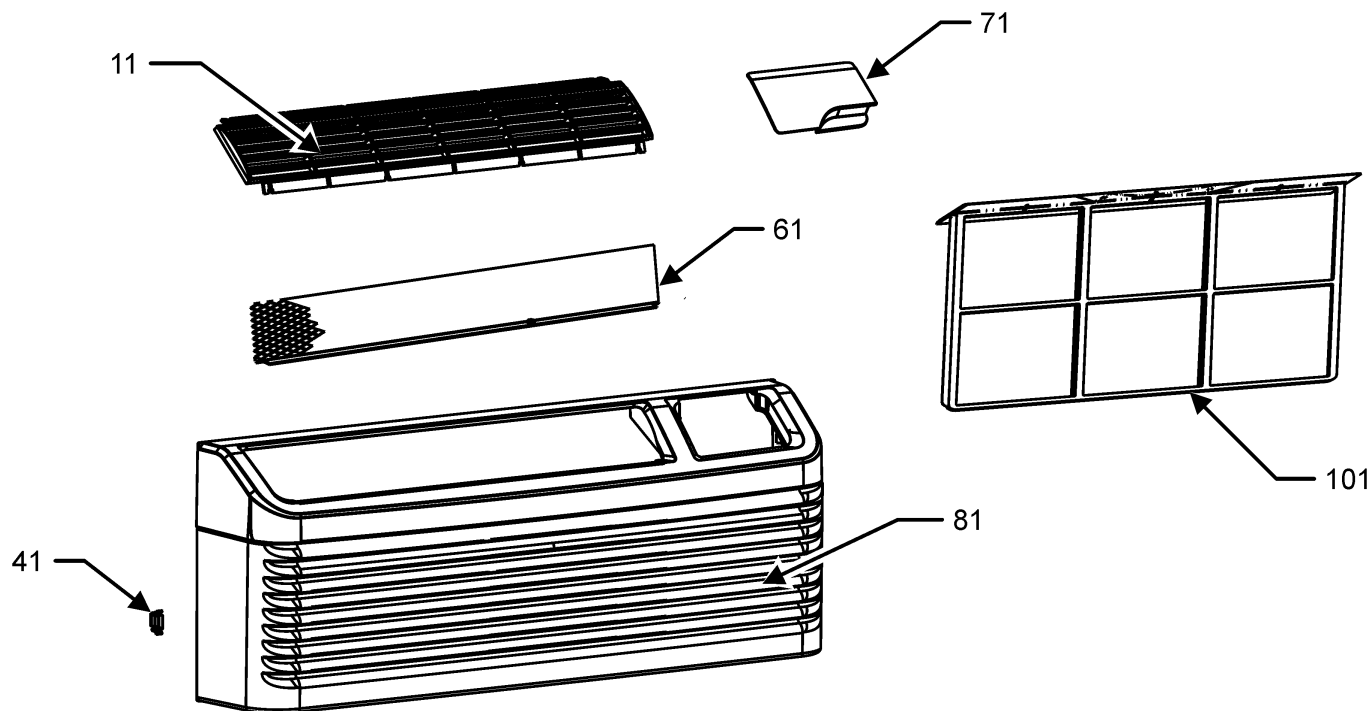
CAP020150450CS	CAP, 2/15 MFD/450V/DUAL RD
CAP020000440RP	CAPACITOR 2/440V
39B142GD&9BKZ	COMPRESSOR, RECHI
RSKP0012	CONTROL BOARD M70
0130P00112	CORD,250VAC,15A (LCD) (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20)
0130P00115	CORD,250VAC,20A (LCD) (M21, M22, M23, M24, M25, M26, M27, M28, M29)
0131P00035	FAN MOTOR, INDOOR
0131P00033	FAN MOTOR, OUTDOOR
0161P00055	FAN, CONDENSER
0275P00038	HEATER ASSY (M21, M22, M23, M24, M25, M26, M27, M28, M29)
0275P00022	HEATER ASSY (M10, M11, M12)
0275P00019	HEATER ASSY (M13, M14, M15, M16, M17, M18, M19, M20)
0130P00133	HUMIDITY SENSOR (M2, M3, M7, M16, M20, M24, M27, M29)
RSKP0015	MEMBRANE KIT
0130P00137	MOTOR (M2, M3, M7, M16, M20, M24, M27, M29)
PCBCP147	PCB, CONTROL, D70 (M2, M3, M7, M16, M20, M24, M27, M29)
0130M00181	SPDT RELAY (M2, M3, M4, M5, M6, M7, M8)
0130M00169	SWITCH, HIGH PRESS
802007090	TERM BOARD
0130P00141	THERMISTOR IAT BLACK (M11, M14, M15, M22, M23)
0130P00164	THERMISTOR IAT BLACK (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M12, M13, M16, M17, M18, M19, M20, M21, M24, M25, M26, M27, M28, M29)
0130P00165	THERMISTOR ICT RED (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M12, M13, M16, M17, M18, M19, M20, M21, M24, M25, M26, M27, M28, M29)
0130P00084	THERMISTOR ICT RED (M11, M14, M15, M22, M23)
0130P00134	THERMISTOR IDT YELLOW
0130P00077	THERMISTOR IHD ORANGE (M2, M4, M6, M9, M14, M17, M19, M22, M25, M27, M28)
0130P00098	THERMISTOR OAT GREEN (M2, M3, M4, M6, M7, M9, M14, M17, M19, M22, M25, M27, M28)
0130P00094	THERMISTOR OCT BLUE (M2, M4, M6, M9, M14, M17, M19, M22, M25, M27, M28)
0130M00599	TRANSFMR,40VA,240V/208V TO 24V (M2, M3, M4, M5, M6, M7, M8, M16, M20, M24, M27, M29)
0130M00341	TRANSFORMER 20VA 230V (M1, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29)

Expanded Model Nomenclature

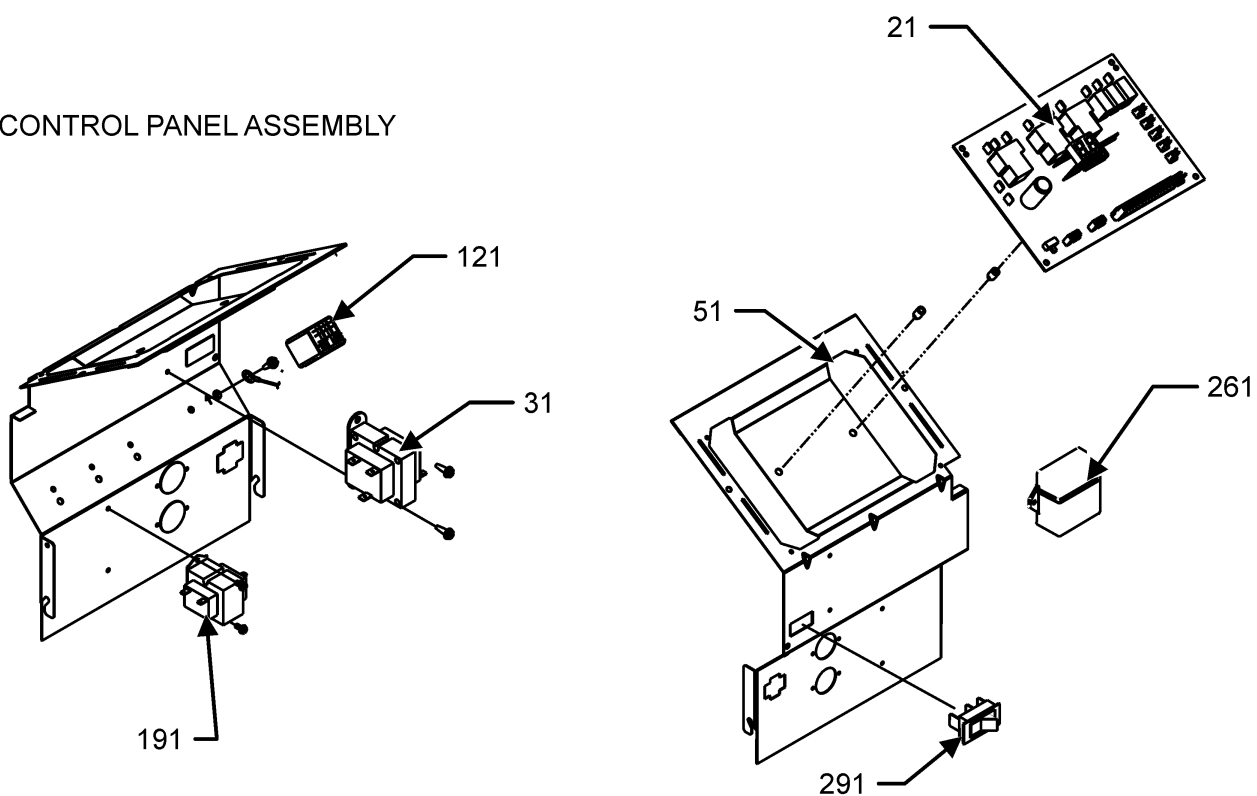
M1 - PTC073G00AXXXGA
M2 - PTC073G00DHRXXGA
M3 - PTC073G00DHXXGA
M4 - PTC073G00HQRXXGA
M5 - PTC073G00HQXXGA
M6 - PTC073G00HRXXGA
M7 - PTC073G00HVXXGA
M8 - PTC073G00HXXGA
M9 - PTC073G00RXXGA
M10 - PTC073G15AXXXGA
M11 - PTC073G15CXXGA
M12 - PTC073G15QXXGA
M13 - PTC073G25AXXXGA
M14 - PTC073G25CRXXGA
M15 - PTC073G25CXXGA
M16 - PTC073G25DXXGA
M17 - PTC073G25QRXXGA
M18 - PTC073G25QXXGA
M19 - PTC073G25RXXGA
M20 - PTC073G25VXXGA
M21 - PTC073G35AXXXGA
M22 - PTC073G35CRXXGA
M23 - PTC073G35CXXGA
M24 - PTC073G35DXXGA
M25 - PTC073G35QRXXGA
M26 - PTC073G35QXXGA
M27 - PTC073G35RVXXGA
M28 - PTC073G35RXXGA
M29 - PTC073G35VXXGA

Front Panel and Control Panel Assembly

FRONT PANEL ASSEMBLY



CONTROL PANEL ASSEMBLY

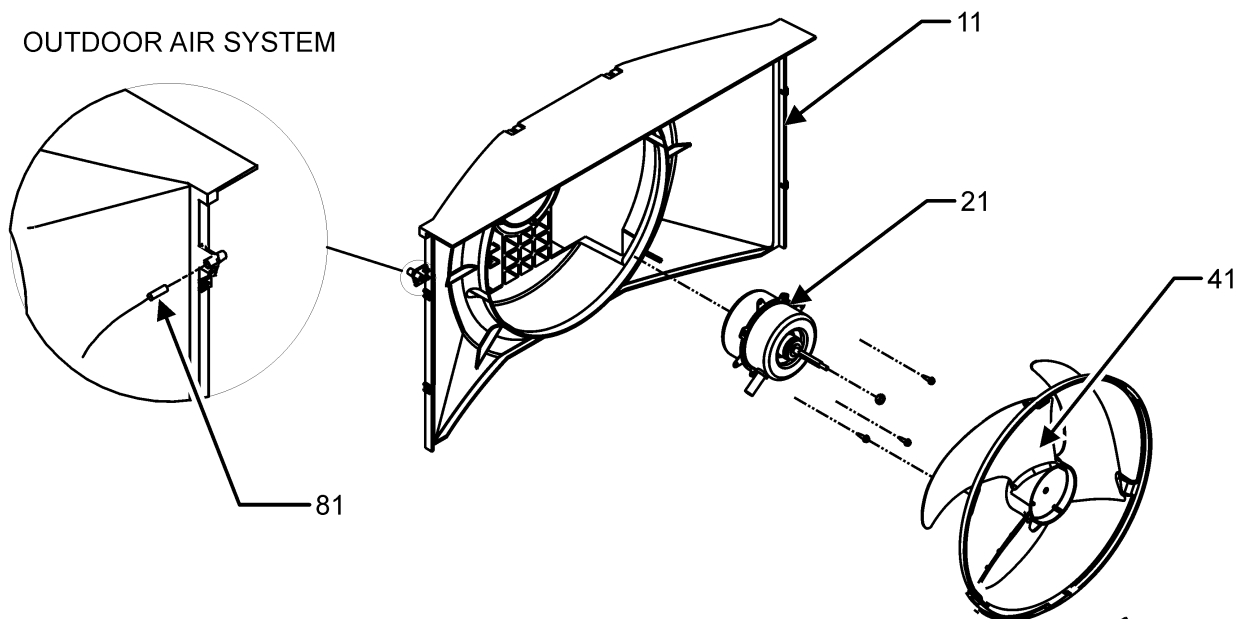


Front Panel and Control Panel Assembly

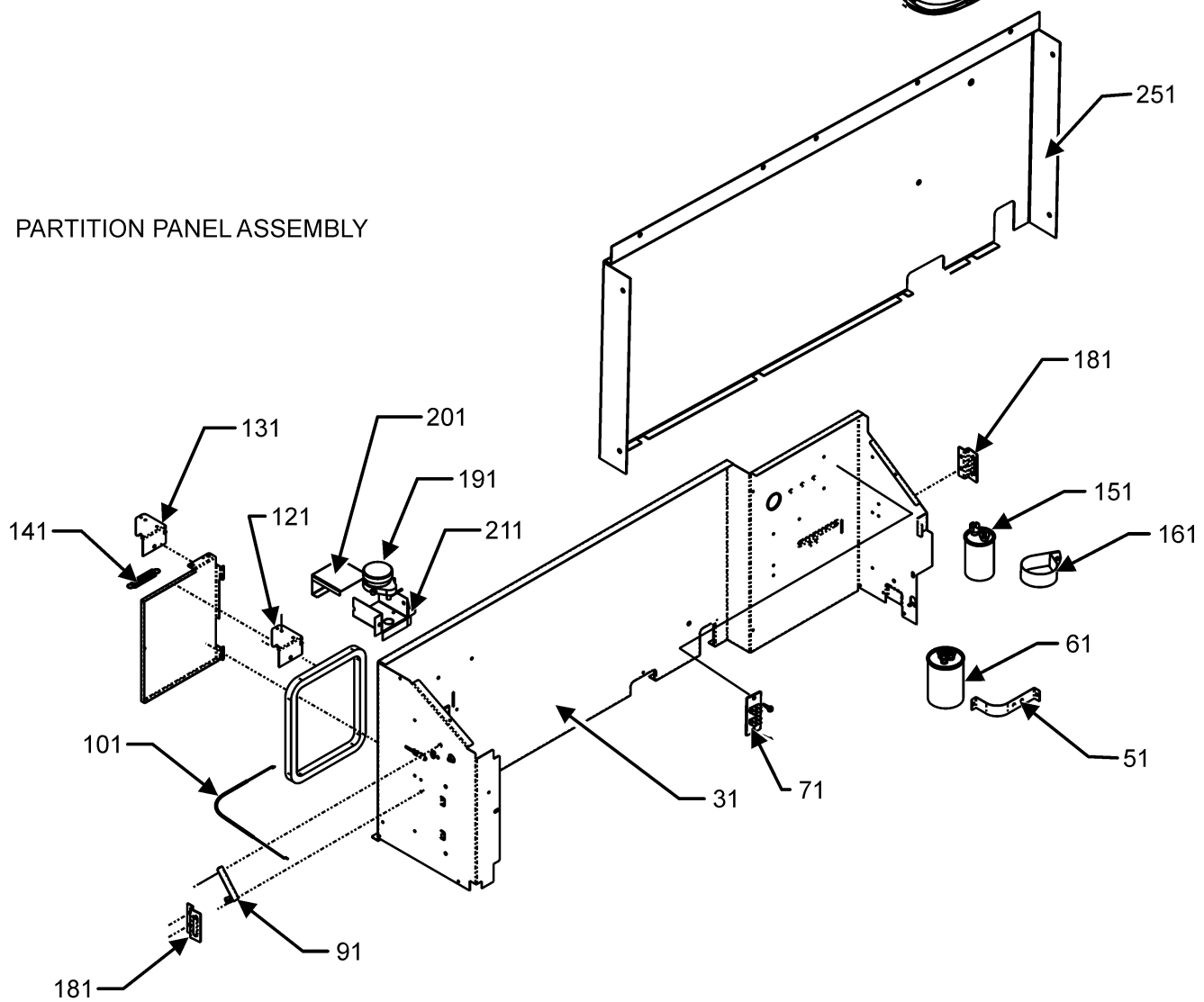
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:		Expanded Model Nomenclature	
11	0161P00048	FRONT-DICHARGE LOUVERS (M1, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29)	
21	RSKP0012	CONTROL BOARD M70	
31	0130M00341	TRANSFORMER 20VA 230V (M1, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29)	
41	0163P00025	CLIP (M1, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29)	
51	0121P00130	PANEL, CONTROL	
61	0121P00194BL	SCREEN, DISCHARGE, PAINTED (M1, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29)	
71	0261P00003	DOOR ASSY -AMANA- (M1, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29)	
81	0261P00011	FRONT ASSY (M1, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29)	
101	0161P00035	FILTER, RACK (M1, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29)	
121	0130M00181	SPDT RELAY (M2, M3, M4, M5, M6, M7, M8)	
191	0130M00599	TRANSFMR,40VA,240V/208V TO 24V (M2, M3, M4, M5, M6, M7, M8, M16, M20, M24, M27, M29)	
261	0130P00104	ANTENNA (M2, M4, M6, M9, M14, M17, M19, M22, M25, M27, M28)	
291	B1337701	PADDLE SWITCH (M2, M3, M7, M16, M20, M24, M27, M29)	
NS	PCBCP147	PCB, CONTROL, D70 (M2, M3, M7, M16, M20, M24, M27, M29)	
		M1 - PTC073G00AXXXGA M2 - PTC073G00DHRXGA M3 - PTC073G00DHXXGA M4 - PTC073G00HQRXGA M5 - PTC073G00HQXXGA M6 - PTC073G00HRXXGA M7 - PTC073G00HVXXGA M8 - PTC073G00HXXXGA M9 - PTC073G00RXXXGA M10 - PTC073G15AXXXGA M11 - PTC073G15CXXXGA M12 - PTC073G15QXXXGA M13 - PTC073G25AXXXGA M14 - PTC073G25CRXXGA M15 - PTC073G25CXXXGA M16 - PTC073G25DXXXGA M17 - PTC073G25QRXXGA M18 - PTC073G25QXXXGA M19 - PTC073G25RXXXGA M20 - PTC073G25VXXXGA M21 - PTC073G35AXXXGA M22 - PTC073G35CRXXGA M23 - PTC073G35CXXXGA M24 - PTC073G35DXXXGA M25 - PTC073G35QRXXGA M26 - PTC073G35QXXXGA M27 - PTC073G35RVXXGA M28 - PTC073G35RXXXGA M29 - PTC073G35VXXXGA	

Outdoor Air System and Partition Panel

OUTDOOR AIR SYSTEM



PARTITION PANEL ASSEMBLY

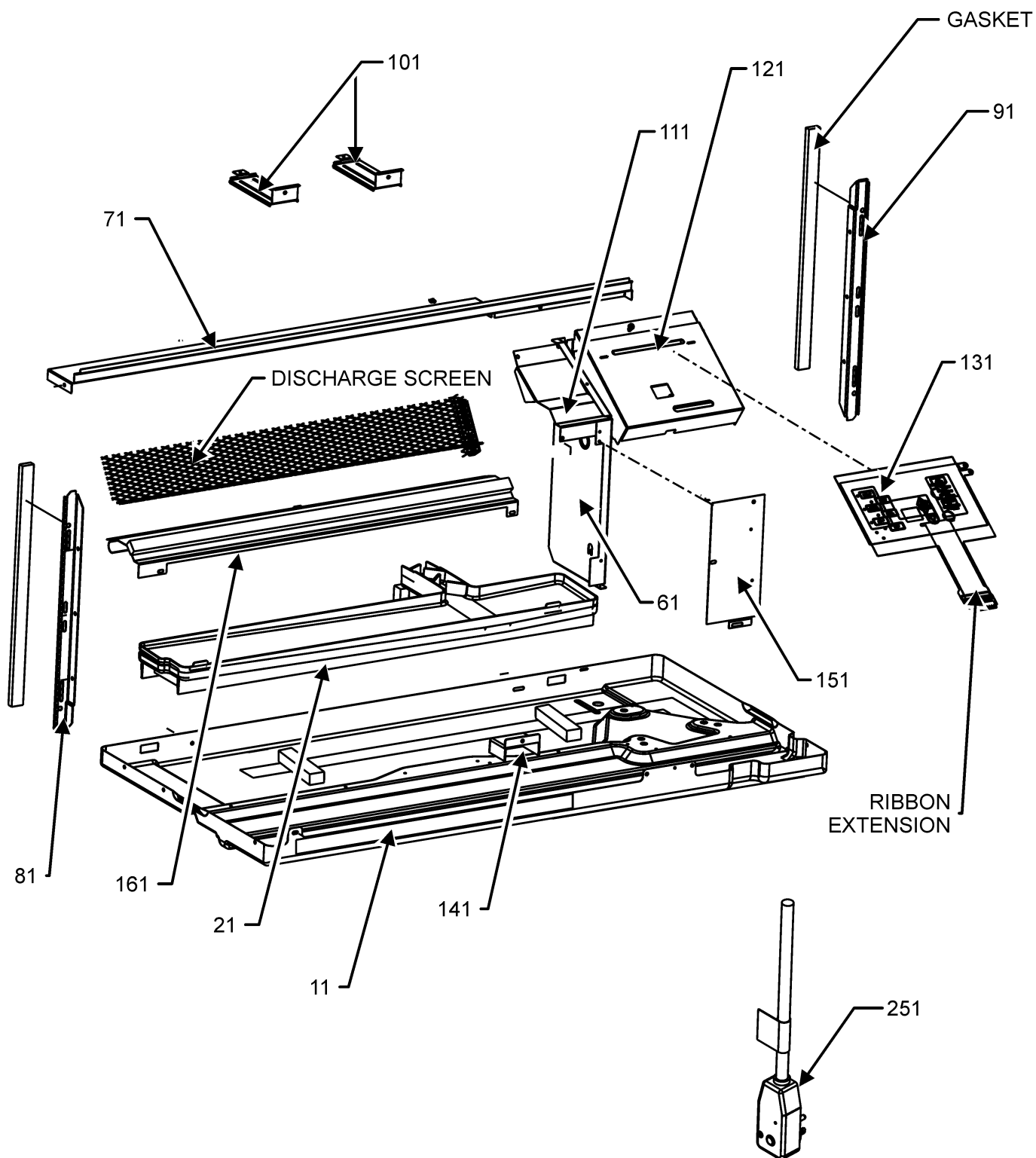


Outdoor Air System and Partition Panel

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:		Expanded Model Nomenclature	
11	0161P00110	CONDENSER SHROUD	M1 - PTC073G00A XXXGA
21	0131P00033	FAN MOTOR, OUTDOOR	M2 - PTC073G00DHRXGA
31	0121P00093	PANEL-PARTITION (M4, M5, M12, M17, M18, M25, M26)	M3 - PTC073G00DHXXGA
31	0121P00108NG	PANEL-PARTITION (M1, M2, M3, M6, M7, M8, M9, M10, M11, M13, M14, M15, M16, M19, M20, M21, M22, M23, M24, M27, M28, M29)	M4 - PTC073G00HQRXGA
41	0161P00055	FAN, CONDENSER	M5 - PTC073G00HQXXGA
51	C6300502	CAPACITOR STRAP	M6 - PTC073G00HRXXGA
61	CAP020150450CS	CAP, 2/15 MFD/450V/DUAL RD	M7 - PTC073G00HVXXGA
71	802007090	TERM BOARD	M8 - PTC073G00HXXXGA
81	0130P00098	THERMISTOR OAT GREEN (M2, M3, M4, M6, M7, M9, M14, M17, M19, M22, M25, M27, M28)	M9 - PTC073G00RXXXGA
91	11046302	LEVER ARM (M1, M6, M8, M9, M10, M11, M13, M14, M15, M19, M21, M22, M23, M28)	M10 - PTC073G15A XXXGA
101	0163P00019	CABLE (M1, M6, M8, M9, M10, M11, M13, M14, M15, M19, M21, M22, M23, M28)	M11 - PTC073G15CXXXGA
111	0121P00177NG	DOOR-VENT PTC (M1, M2, M3, M6, M7, M8, M9, M10, M11, M13, M14, M15, M16, M19, M20, M21, M22, M23, M24, M27, M28, M29)	M12 - PTC073G15QXXXGA
121	0121P00079	BRACKET, VENT DOOR (M2, M3, M7, M16, M20, M24, M27, M29)	M13 - PTC073G25A XXXGA
131	0121P00180	BRACKET, POWER VENT (M2, M3, M7, M16, M20, M24, M27, M29)	M14 - PTC073G25CRXXGA
131	0121P00072	BRACKET, VENT DOOR (M1, M6, M8, M9, M10, M13, M19, M21, M28)	M15 - PTC073G25CXXXGA
141	11166401	EXTENSION SPRING (M2, M3, M7, M16, M20, M24, M27, M29)	M16 - PTC073G25DXXXGA
151	CAP020000440RP	CAPACITOR 2/440V	M17 - PTC073G25QRXXGA
161	0163P00029	CAPACITOR CLAMP	M18 - PTC073G25QXXXGA
181	11191703	PARTITION PANEL BRACKET (M1, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29)	M19 - PTC073G25RXXXGA
191	0130P00137	MOTOR (M2, M3, M7, M16, M20, M24, M27, M29)	M20 - PTC073G25V XXXGA
201	11166201	POWER VENT COVER BRACKET (M2, M3, M7, M16, M20, M24, M27, M29)	M21 - PTC073G35A XXXGA
211	11166101	POWER VENT MOTOR BRACKET (M2, M3, M7, M16, M20, M24, M27, M29)	M22 - PTC073G35CRXXGA
251	0121P00091	PANEL-AUXILIARY (M4, M5, M12, M17, M18, M25, M26)	M23 - PTC073G35CXXXGA
			M24 - PTC073G35DXXXGA
			M25 - PTC073G35QRXXGA
			M26 - PTC073G35QXXXGA
			M27 - PTC073G35RVXXGA
			M28 - PTC073G35RXXXGA
			M29 - PTC073G35V XXXGA

Base Pan Assembly

BASE PAN ASSEMBLY



Base Pan Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

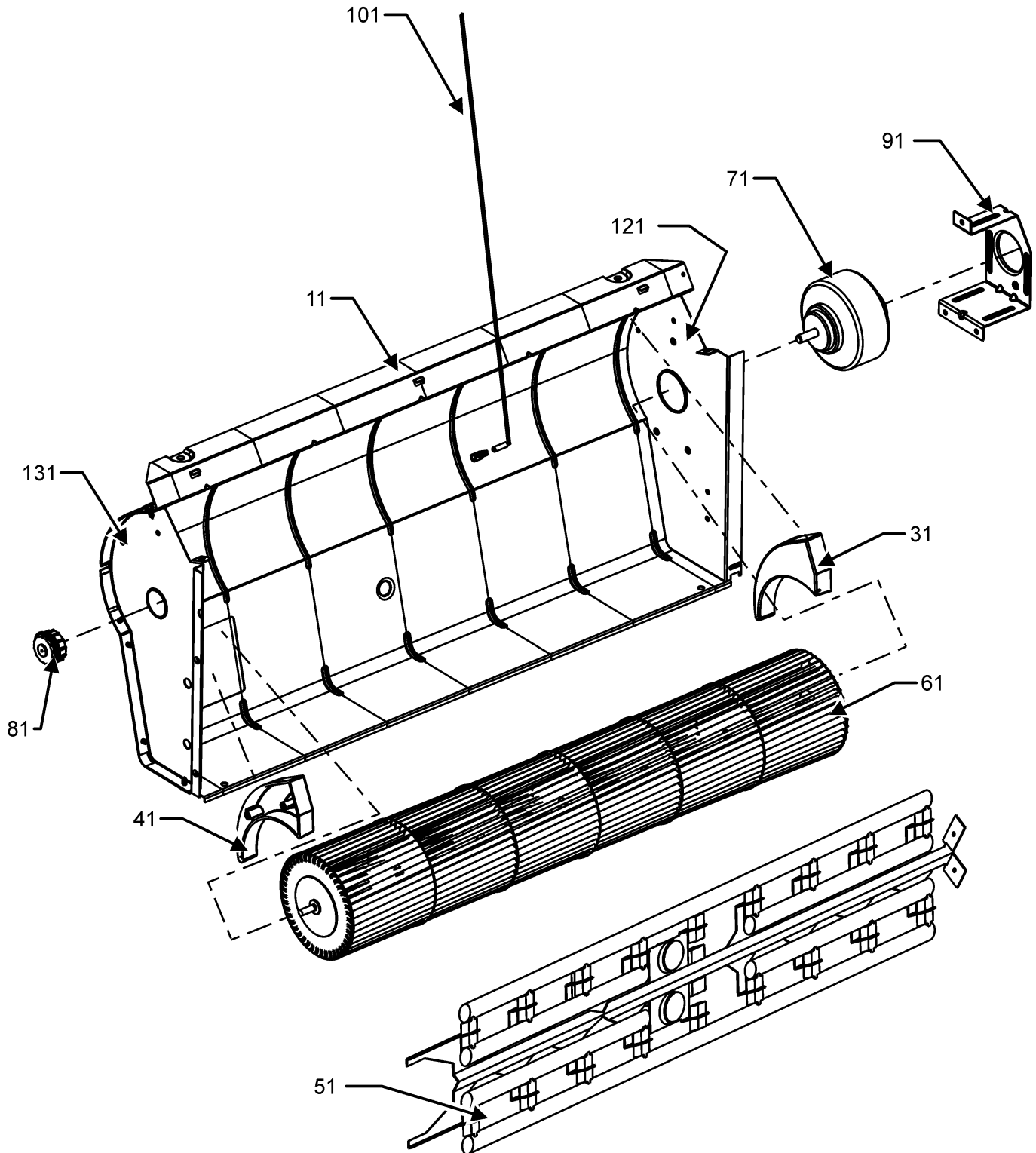
11	0121P00175DG	BASE PAN (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M12, M13, M16, M17, M18, M19, M20, M21, M24, M25, M26, M27, M28, M29)
11	0121P00175NG	BASE PAN (M11, M14, M15, M22, M23)
21	0161P00044	PLASTIC-DRAIN PAN
61	0121P00278	PANEL-MID PTN PTC
71	0121P00063NG	TOP, PARTITION PANEL
81	0121P00197	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	MEMBRANE KIT
141	0161P00016	PLASTIC-HOOD (M1, M2, M3, M6, M7, M8, M9, M10, M11, M13, M14, M15, M16, M19, M20, M21, M22, M23, M24, M27, M28, M29)
151	20410801	ACCESS COVER
161	0121P00061DG	CUTOFF-SCROLL DG
251	0130P00112	CORD,250VAC, 15A (LCD) (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20)
251	0130P00115	CORD,250VAC, 20A (LCD) (M21, M22, M23, M24, M25, M26, M27, M28, M29)
NS	0130P00133	HUMIDITY SENSOR (M2, M3, M7, M16, M20, M24, M27, M29)
NS	0121P00233	LEFT SIDE SCROLL BLOCKOFF
NS	0130P00109	MEMBRANE (CONTROL)

Expanded Model Nomenclature

M1 - PTC073G00A XXXGA
 M2 - PTC073G00DHRXXGA
 M3 - PTC073G00DHXXGA
 M4 - PTC073G00HQRXXGA
 M5 - PTC073G00HQXXGA
 M6 - PTC073G00HRXXGA
 M7 - PTC073G00HVXXGA
 M8 - PTC073G00HXXXGA
 M9 - PTC073G00RXXXGA
 M10 - PTC073G15A XXXGA
 M11 - PTC073G15CXXXGA
 M12 - PTC073G15QXXXGA
 M13 - PTC073G25A XXXGA
 M14 - PTC073G25CRXXGA
 M15 - PTC073G25CXXXGA
 M16 - PTC073G25DXXXGA
 M17 - PTC073G25QRXXGA
 M18 - PTC073G25QXXXGA
 M19 - PTC073G25RXXXGA
 M20 - PTC073G25V XXXGA
 M21 - PTC073G35A XXXGA
 M22 - PTC073G35CRXXGA
 M23 - PTC073G35CXXXGA
 M24 - PTC073G35DXXXGA
 M25 - PTC073G35QRXXGA
 M26 - PTC073G35QXXXGA
 M27 - PTC073G35RVXXGA
 M28 - PTC073G35RXXXGA
 M29 - PTC073G35V XXXGA

Indoor Blower Assembly

INDOOR BLOWER ASSEMBLY



Indoor Blower Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

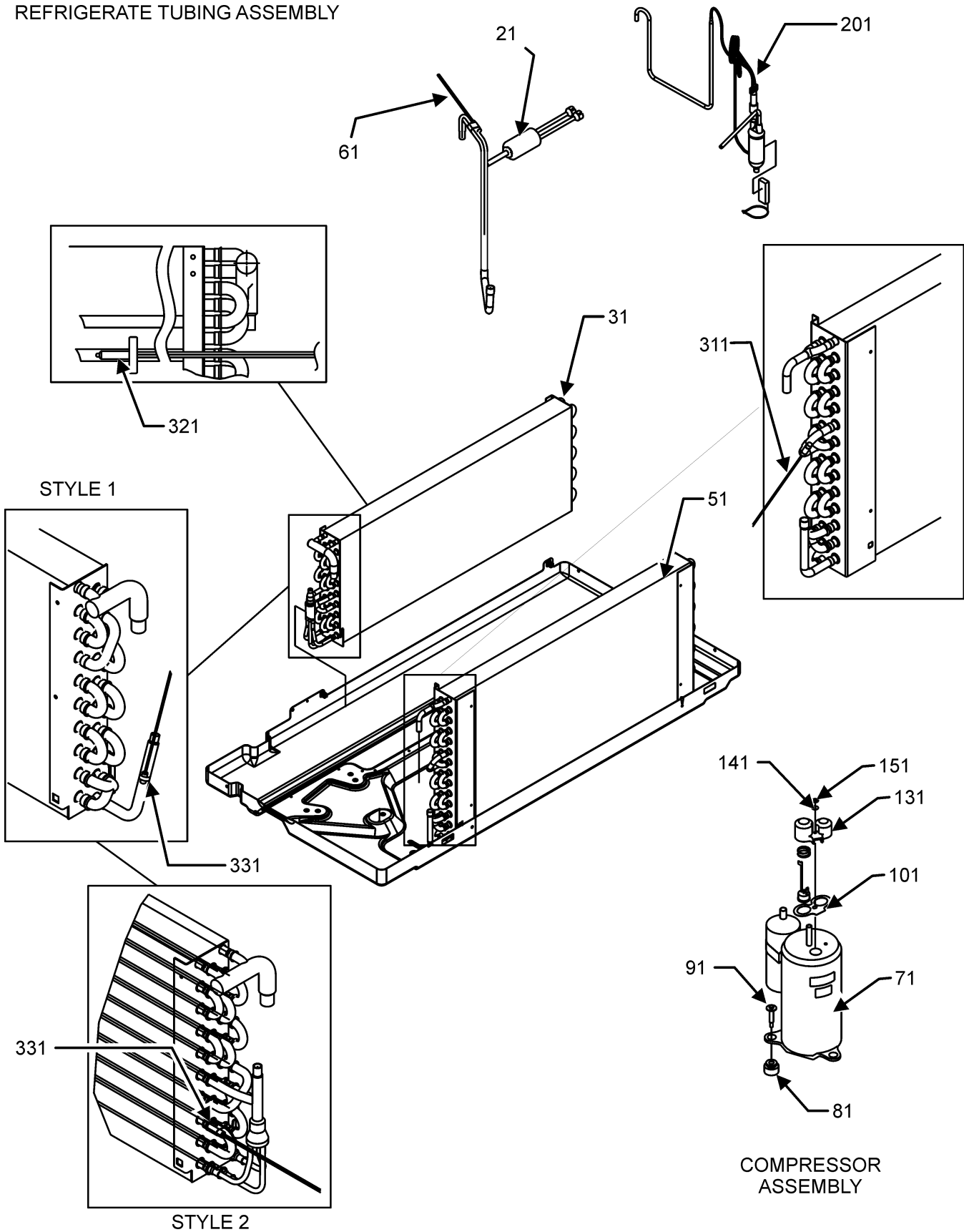
11	0121P00173DG	SCROLL
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00019	HEATER ASSY (M13, M14, M15, M16, M17, M18, M19, M20)
51	0275P00022	HEATER ASSY (M10, M11, M12)
51	0275P00038	HEATER ASSY (M21, M22, M23, M24, M25, M26, M27, M28, M29)
61	0150P00005	WHEEL, BLOWER
71	0131P00035	FAN MOTOR, INDOOR
81	0163P00027	BEARING
91	0121P00048	BRACKET-MOTOR MOUNT
101	0130P00134	THERMISTOR ID T YELLOW
121	0121P00059DG	ENDPLATE-RH SCROLL
131	0121P00215DG	ENDPLATE- LH SCROLL

Expanded Model Nomenclature

M1 - PTC073G00AXXXGA
 M2 - PTC073G00DHRXGA
 M3 - PTC073G00DHXXGA
 M4 - PTC073G00HQRXGA
 M5 - PTC073G00HQXXGA
 M6 - PTC073G00HRXXGA
 M7 - PTC073G00HVXXGA
 M8 - PTC073G00HXXXGA
 M9 - PTC073G00RXXXGA
 M10 - PTC073G15AXXXGA
 M11 - PTC073G15CXXXGA
 M12 - PTC073G15QXXXGA
 M13 - PTC073G25AXXXGA
 M14 - PTC073G25CRXXGA
 M15 - PTC073G25CXXXGA
 M16 - PTC073G25DXXXGA
 M17 - PTC073G25QRXXGA
 M18 - PTC073G25QXXXGA
 M19 - PTC073G25RXXXGA
 M20 - PTC073G25VXXXGA
 M21 - PTC073G35AXXXGA
 M22 - PTC073G35CRXXGA
 M23 - PTC073G35CXXXGA
 M24 - PTC073G35DXXXGA
 M25 - PTC073G35QRXXGA
 M26 - PTC073G35QXXXGA
 M27 - PTC073G35RVXXGA
 M28 - PTC073G35RXXXGA
 M29 - PTC073G35VXXXGA

Refrigerate Tube Assembly

REFRIGERATE TUBING ASSEMBLY



Refrigerate Tube Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

21	0130M00169	SWITCH, HIGH PRESS
31	0202P00093	7MM EVAP ASSY 2 ROW
51	0201P00130	5MM CONDENSER COIL ASSY (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M12, M13, M16, M17, M18, M19, M20, M21, M24, M25, M26, M27, M28, M29)
51	0202P00096NG	CONDENSER ASSY PAINTED (M11, M14, M15, M22, M23)
61	0130P00077	THERMISTOR IHD ORANGE (M2, M4, M6, M9, M14, M17, M19, M22, M25, M27, M28)
71	39B142GD&9BKZ	COMPRESSOR, RECHI
81	60130203	GROMMET - RECHI COMPRESSOR (QTY 3)
91	0163M00079	SHOULDER SCREW (QTY 3)
101	60100107	TERMINAL COVER GASKET
131	60100317	TERMINAL COVER
141	60100201	WASHER - RECHI COMPRESSOR
151	60100401	TERMINAL NUT - RECHI COMP
201	0210P00427	CAPILLARY WELDMENT
311	0130P00094	THERMISTOR OCT BLUE (M2, M4, M6, M9, M14, M17, M19, M22, M25, M27, M28)
321	0130P00141	THERMISTOR IAT BLACK (M11, M14, M15, M22, M23)
321	0130P00164	THERMISTOR IAT BLACK (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M12, M13, M16, M17, M18, M19, M20, M21, M24, M25, M26, M27, M28, M29)
331	0130P00084	THERMISTOR ICT RED (M11, M14, M15, M22, M23)
331	0130P00165	THERMISTOR ICT RED (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M12, M13, M16, M17, M18, M19, M20, M21, M24, M25, M26, M27, M28, M29)

Expanded Model Nomenclature

M1 - PTC073G00A XXXGA
M2 - PTC073G00DHRXGA
M3 - PTC073G00DHXXGA
M4 - PTC073G00HQRXGA
M5 - PTC073G00HQXXGA
M6 - PTC073G00HRXXGA
M7 - PTC073G00HVXXGA
M8 - PTC073G00HXXXGA
M9 - PTC073G00RXXXGA
M10 - PTC073G15A XXXGA
M11 - PTC073G15CXXXGA
M12 - PTC073G15QXXXGA
M13 - PTC073G25A XXXGA
M14 - PTC073G25CRXXGA
M15 - PTC073G25CXXXGA
M16 - PTC073G25DXXXGA
M17 - PTC073G25QRXXGA
M18 - PTC073G25QXXXGA
M19 - PTC073G25RXXXGA
M20 - PTC073G25V XXXGA
M21 - PTC073G35A XXXGA
M22 - PTC073G35CRXXGA
M23 - PTC073G35CXXXGA
M24 - PTC073G35DXXXGA
M25 - PTC073G35QRXXGA
M26 - PTC073G35QXXXGA
M27 - PTC073G35RVXXGA
M28 - PTC073G35RXXXGA
M29 - PTC073G35V XXXGA