

PTC073G Package Terminal Air Conditioner

PTC073G00AXXXDA
PTC073G00DHRXDA
PTC073G00DHXXDA
PTC073G00HQRXDA
PTC073G00HQXXDA
PTC073G00HRXXDA
PTC073G00HVXXDA
PTC073G00HXXDA
PTC073G00RXXDA
PTC073G15AXXXDA
PTC073G15CXXDA
PTC073G15QXXDA
PTC073G25CRXXDA
PTC073G25CXXDA
PTC073G25DXXDA
PTC073G25QRXXDA
PTC073G25QXXDA
PTC073G25RXXDA
PTC073G25VXXDA
PTC073G35CRXXDA
PTC073G35CXXDA
PTC073G35DXXDA
PTC073G35QRXXDA
PTC073G35QXXDA
PTC073G35RXXDA
PTC073G35VXXDA



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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:**

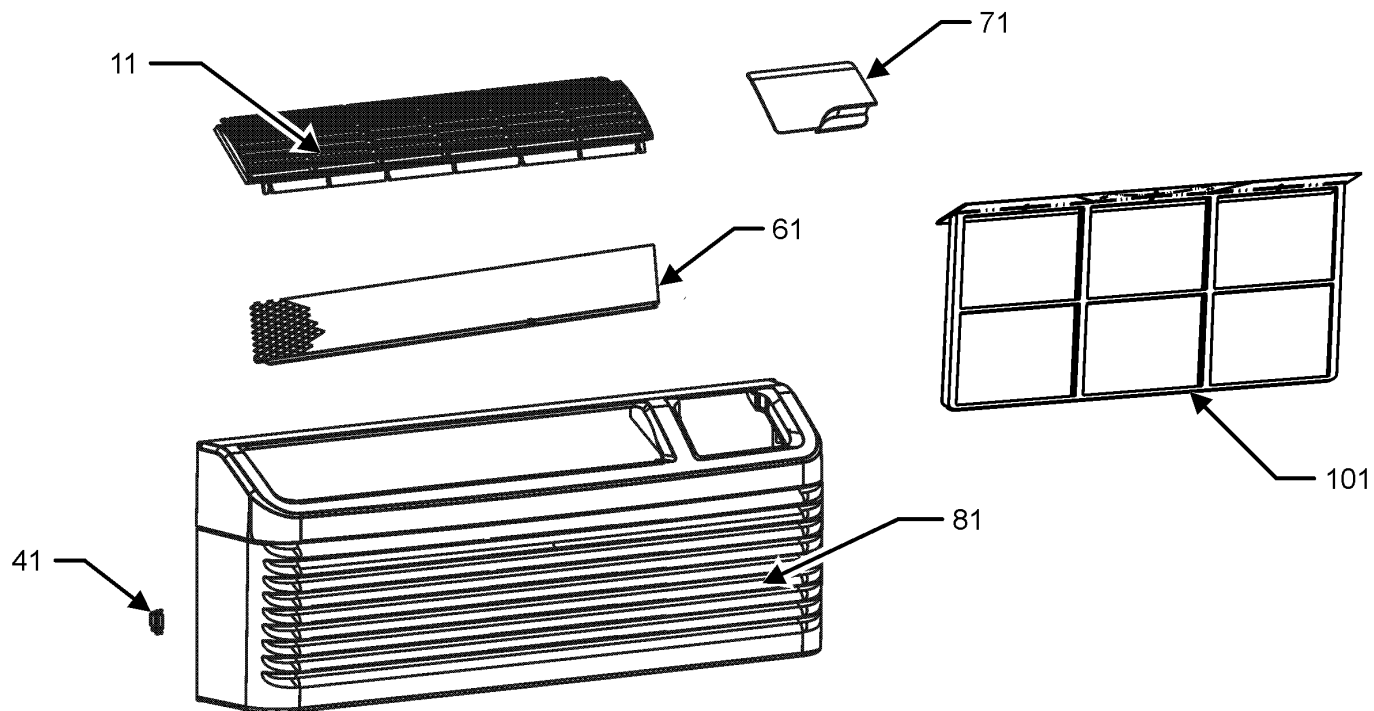
CAP020150450CS	CAP, 2/15 MFD/450V/DUAL RD
CAP020000440RP	CAPACITOR 2/440V
39B142GD&9BKZ	COMPRESSOR, RECHI
RSKP0012	CONTROL BOARD M70
0130P00112	CORD,250VAC,15A (LCD) (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19)
0130P00115	CORD,250VAC,20A (LCD) (M20, M21, M22, M23, M24, M25, M26)
0131P00054	FAN MOTOR, INDOOR
0131P00033	FAN MOTOR, OUTDOOR
0161P00055	FAN, CONDENSER
0275P00038	HEATER ASSY (M20, M21, M22, M23, M24, M25, M26)
0275P00022	HEATER ASSY (M10, M11, M12)
0275P00019	HEATER ASSY (M13, M14, M15, M16, M17, M18, M19)
0130P00133	HUMIDITY SENSOR (M2, M3, M7, M15, M19, M22, M26)
RSKP0015	MEMBRANE KIT
0130P00137	MOTOR (M2, M3, M7, M15, M19, M22, M26)
PCBCP147	PCB, CONTROL, D70 (M2, M3, M7, M15, M19, M22, M26)
0130M00181	SPDT RELAY (M2, M3, M4, M5, M6, M7, M8)
0130M00169	SWITCH, HIGH PRESS
802007090	TERM BOARD
0130P00077	THERMISTOR (M2, M4, M6, M9, M13, M16, M18, M20, M23, M25)
0130P00094	THERMISTOR (M2, M4, M6, M9, M13, M16, M18, M20, M23, M25)
0130P00141	THERMISTOR
0130P00134	THERMISTOR - DISCHARGE
0130P00084	THERMISTOR - INDOOR COIL
0130P00098	THERMISTOR - OUTDOOR AMBIENT (M2, M3, M4, M6, M7, M9, M13, M15, M16, M18, M19, M20, M22, M23, M25, M26)
0130M00599	TRANS, 40VA, 240V/208V TO 24V (M2, M3, M4, M5, M6, M7, M8, M15, M19, M22, M26)
0130M00341	TRANSFORMER 20VA 230V (M1, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26)

Expanded Model Nomenclature

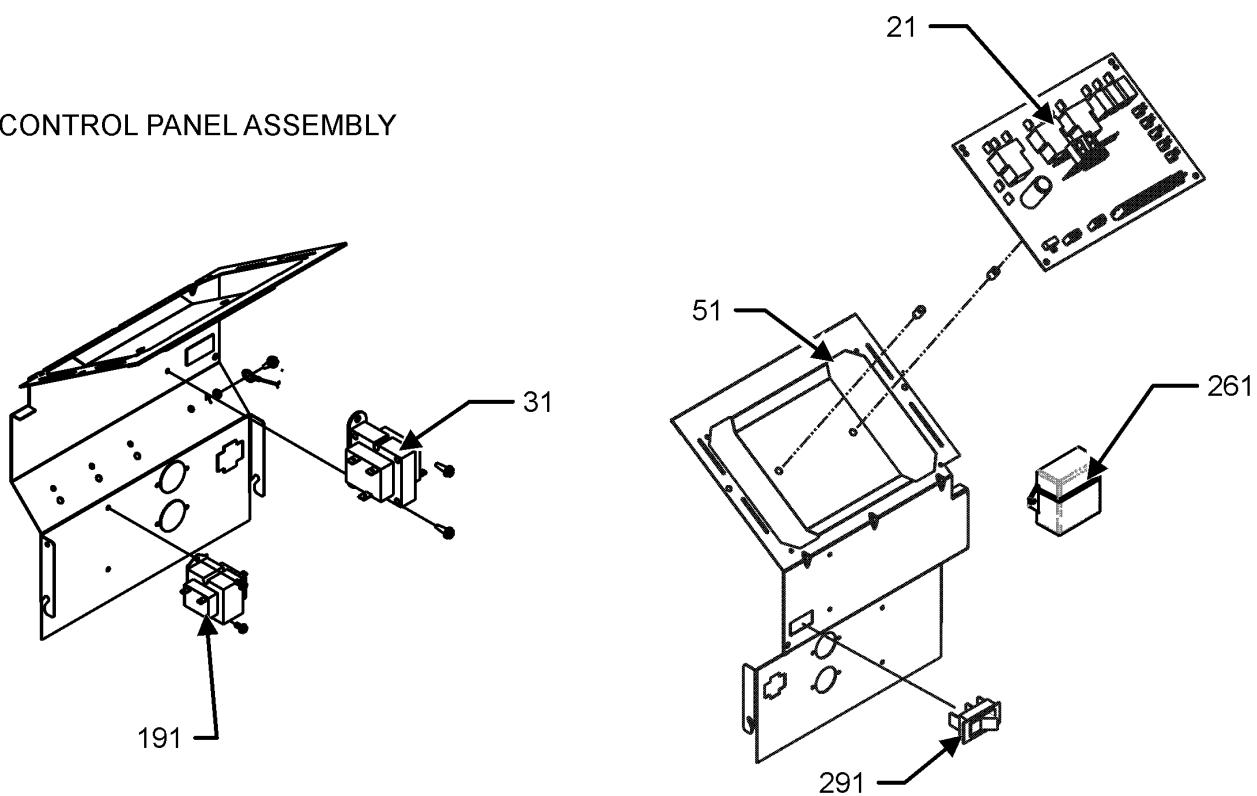
M1 - PTC073G00AXXXDA
M2 - PTC073G00DHRXDA
M3 - PTC073G00DHXXDA
M4 - PTC073G00HQRXDA
M5 - PTC073G00HQXXDA
M6 - PTC073G00HRXXDA
M7 - PTC073G00HVXXDA
M8 - PTC073G00HXXDA
M9 - PTC073G00RXXDA
M10 - PTC073G15AXXXDA
M11 - PTC073G15CXXDA
M12 - PTC073G15QXXDA
M13 - PTC073G25CRXXDA
M14 - PTC073G25CXXDA
M15 - PTC073G25DXXDA
M16 - PTC073G25QRXXDA
M17 - PTC073G25QXXDA
M18 - PTC073G25RXXDA
M19 - PTC073G25VXXDA
M20 - PTC073G35CRXXDA
M21 - PTC073G35CXXDA
M22 - PTC073G35DXXDA
M23 - PTC073G35QRXXDA
M24 - PTC073G35QXXDA
M25 - PTC073G35RXXDA
M26 - PTC073G35VXXDA

Front Panel and Control Panel Assembly

FRONT PANEL ASSEMBLY



CONTROL PANEL ASSEMBLY

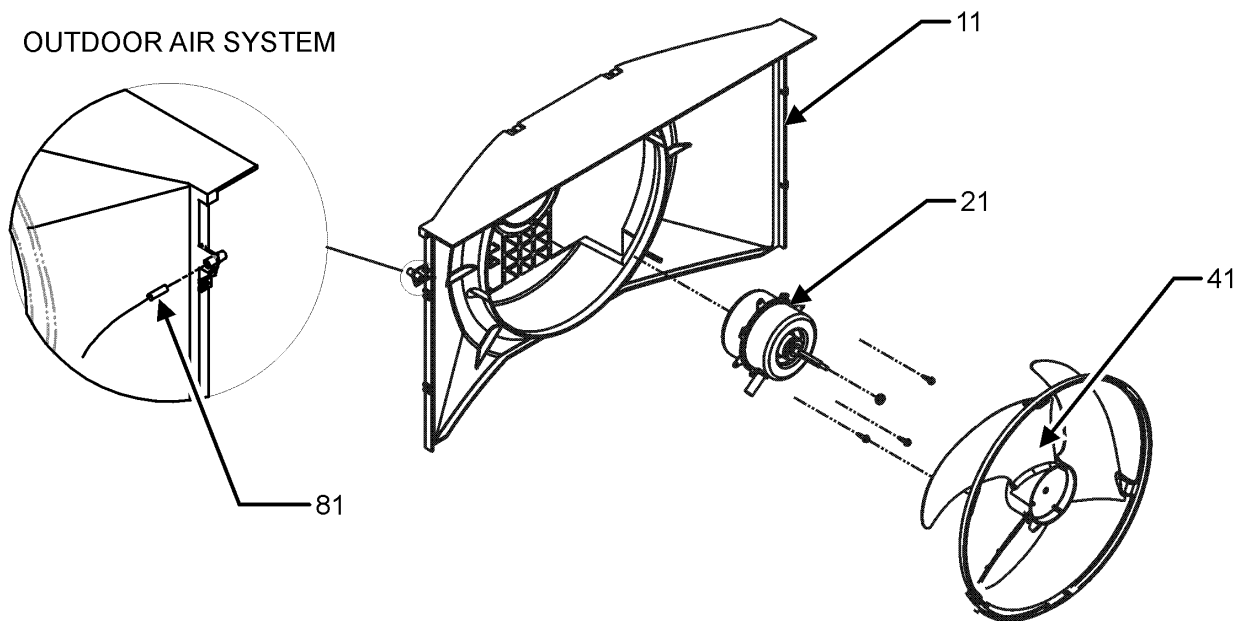


Front Panel and Control Panel Assembly

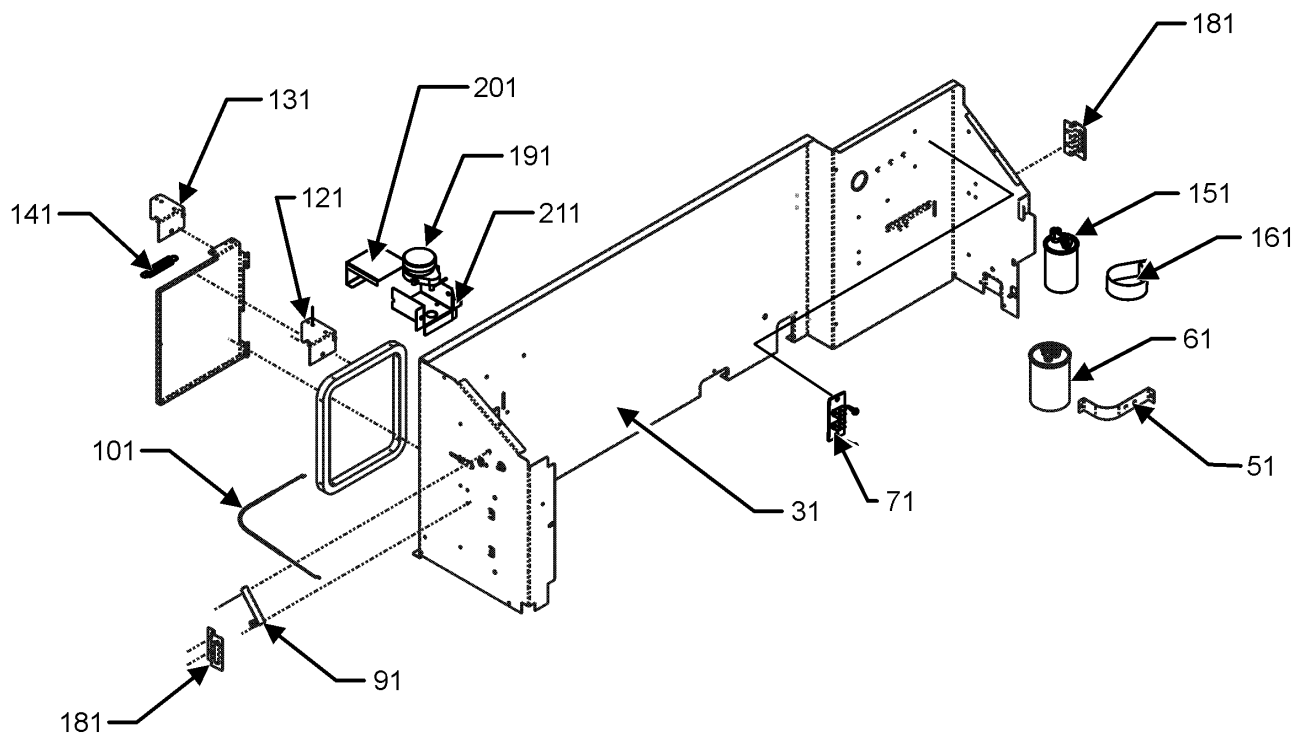
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:		Expanded Model Nomenclature	
11	0161P00048	FRONT-DICHARGE LOUVERS (M1, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26)	
21	RSKP0012	CONTROL BOARD M70	
31	0130M00341	TRANSFORMER 20VA 230V (M1, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26)	
41	0163P00025	CLIP (M1, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26)	
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)	
71	0261P00003	DOOR ASSY -AMANA- (M1, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26)	
81	0261P00011	FRONT ASSY (M1, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26)	
101	0161P00035	FILTER, RACK (M1, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26)	
191	0130M00599	TRANS, 40VA, 240V/208V TO 24V (M2, M3, M4, M5, M6, M7, M8, M15, M19, M22, M26)	
261	0130P00104	ANTENNA (M2, M4, M6, M9, M13, M16, M18, M20, M23, M25)	
291	B1337701	PADDLE SWITCH (M2, M3, M7, M15, M19, M22, M26)	
NS	PCBCP147	PCB, CONTROL, D70 (M2, M3, M7, M15, M19, M22, M26)	
NS	0130M00181	SPDT RELAY (M2, M3, M4, M5, M6, M7, M8)	
		M1 - PTC073G00A XXXDA M2 - PTC073G00DHRXDA M3 - PTC073G00DHXXDA M4 - PTC073G00HQRXDA M5 - PTC073G00HQXXDA M6 - PTC073G00HRXXDA M7 - PTC073G00HVXXDA M8 - PTC073G00HXXXDA M9 - PTC073G00RXXXDA M10 - PTC073G15A XXXDA M11 - PTC073G15CXXXDA M12 - PTC073G15QXXXDA M13 - PTC073G25CRXXDA M14 - PTC073G25CXXXDA M15 - PTC073G25DXXXDA M16 - PTC073G25QRXXDA M17 - PTC073G25QXXXDA M18 - PTC073G25RXXXDA M19 - PTC073G25VXXXDA M20 - PTC073G35CRXXDA M21 - PTC073G35CXXXDA M22 - PTC073G35DXXXDA M23 - PTC073G35QRXXDA M24 - PTC073G35QXXXDA M25 - PTC073G35RXXXDA M26 - PTC073G35VXXXDA	

Outdoor Air System and Partition Panel

OUTDOOR AIR SYSTEM



PARTITION PANEL ASSEMBLY

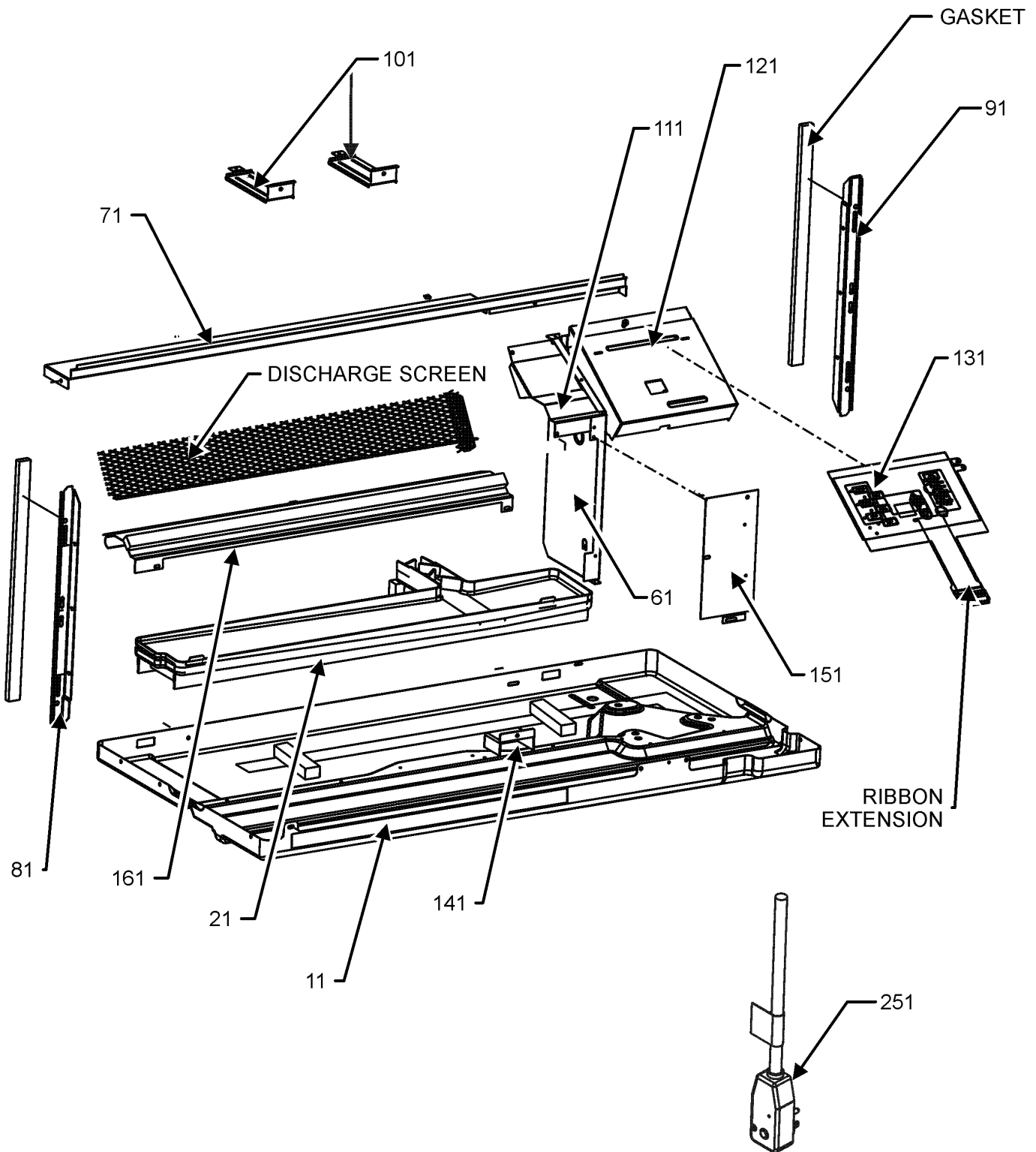


Outdoor Air System and Partition Panel

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:		Expanded Model Nomenclature	
11	0161P00053	SHROUD, CONDENSOR	M1 - PTC073G00A XXXDA
21	0131P00033	FAN MOTOR, OUTDOOR	M2 - PTC073G00DHRXDA
31	0121P00108	PANEL-PARTITION	M3 - PTC073G00DHXXDA
41	0161P00055	FAN, CONDENSER	M4 - PTC073G00HQRXDA
51	C6300502	CAPACITOR STRAP	M5 - PTC073G00HQXXDA
61	CAP020150450CS	CAP, 2/15 MFD/450V/DUAL RD	M6 - PTC073G00HRXXDA
71	802007090	TERM BOARD	M7 - PTC073G00HVXXDA
81	0130P00098	THERMISTOR - OUTDOOR AMBIENT (M2, M3, M4, M6, M7, M9, M13, M15, M16, M18, M19, M20, M22, M23, M25, M26)	M8 - PTC073G00HXXXDA
91	11046302	LEVER ARM (M1, M6, M8, M9, M10, M11, M13, M14, M18, M20, M21, M25)	M9 - PTC073G00RXXXDA
101	0163P00019	CABLE (M1, M6, M8, M9, M10, M11, M13, M14, M18, M20, M21, M25)	M10 - PTC073G15A XXXDA
111	0121P00177	DOOR-VENT PTC (M1, M2, M3, M6, M7, M8, M9, M10, M15, M18, M19, M22, M25, M26)	M11 - PTC073G15CXXXDA
121	0121P00079	BRACKET, VENT DOOR (M2, M3, M7, M15, M19, M22, M26)	M12 - PTC073G15QXXXDA
131	0121P00180	BRACKET, POWER VENT (M2, M3, M7, M15, M19, M22, M26)	M13 - PTC073G25CRXXDA
131	0121P00072	BRACKET, VENT DOOR (M1, M6, M8, M9, M10, M18, M25)	M14 - PTC073G25CXXXDA
141	11166401	EXTENSION SPRING (M2, M3, M7, M15, M19, M22, M26)	M15 - PTC073G25DXXXDA
151	CAP020000440RP	CAPACITOR 2/440V	M16 - PTC073G25QRXXDA
161	0163P00029	CAPACITOR CLAMP	M17 - PTC073G25QXXXDA
181	11191703	PARTITION PANEL BRACKET (M1, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26)	M18 - PTC073G25RXXXDA
191	0130P00137	MOTOR (M2, M3, M7, M15, M19, M22, M26)	M19 - PTC073G25VXXXDA
201	11166201	POWER VENT COVER BRACKET (M2, M3, M7, M15, M19, M22, M26)	M20 - PTC073G35CRXXDA
211	11166101	POWER VENT MOTOR BRACKET (M2, M3, M7, M15, M19, M22, M26)	M21 - PTC073G35CXXXDA
NS	0130P00133	HUMIDITY SENSOR (M2, M3, M7, M15, M19, M22, M26)	M22 - PTC073G35DXXXDA
NS	0121P00091	PANEL-AUXILLIARY (M4, M5, M12, M16, M17, M23, M24)	M23 - PTC073G35QRXXDA
			M24 - PTC073G35QXXXDA
			M25 - PTC073G35RXXXDA
			M26 - PTC073G35VXXXDA

Base Pan Assembly

BASE PAN ASSEMBLY



Base Pan Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

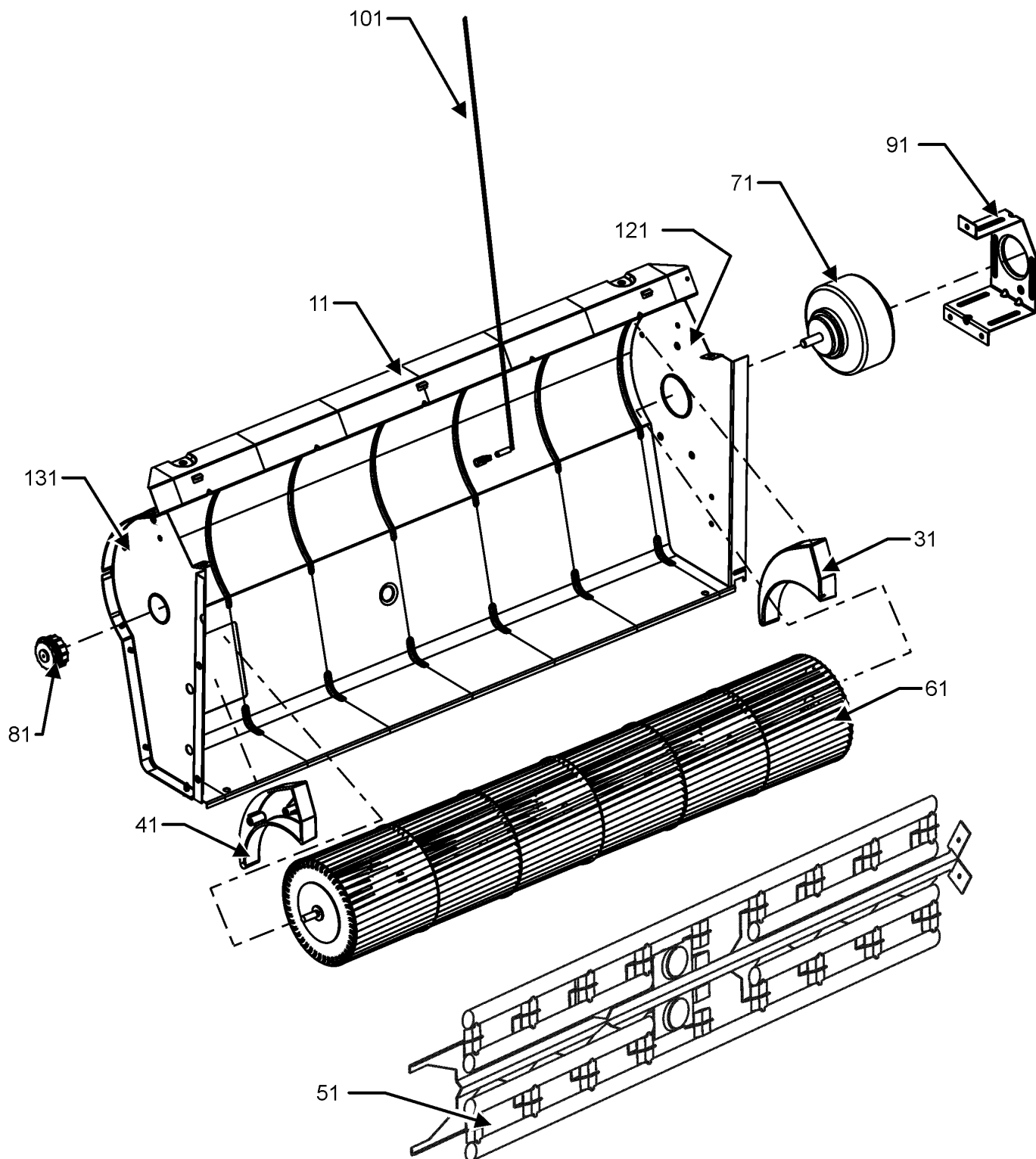
11	0121P00175DG	BASE PAN (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M12, M15, M16, M17, M18, M19, M22, M23, M24, M25, M26)
21	0161P00044	PLASTIC-DRAIN PAN
61	20403301	MID PARTITION PANEL
71	0121P00063	TOP, PARTITION PANEL (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M12, M15, M16, M17, M18, M19, M22, M23, M24, M25, M26)
81	0121P00197	SEAL-L SIDE PTC
91	0121P00198	SEAL-R SIDE PTC
101	0121P00071	BRACE, TIE (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M12, M15, M16, M17, M18, M19, M22, M23, M24, M25, M26)
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, M18, M19, M20, M21, M22, M25, M26)
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)
251	0130P00115	CORD,250VAC, 20A (LCD) (M20, M21, M22, M23, M24, M25, M26)
NS	0130P00109	MEMBRANE (CONTROL)

Expanded Model Nomenclature

M1 - PTC073G00A XXXDA
 M2 - PTC073G00DHRXDA
 M3 - PTC073G00DHXXDA
 M4 - PTC073G00HQRXDA
 M5 - PTC073G00HQXXDA
 M6 - PTC073G00HRXXDA
 M7 - PTC073G00HVXXDA
 M8 - PTC073G00HXXXDA
 M9 - PTC073G00RXXXDA
 M10 - PTC073G15A XXXDA
 M11 - PTC073G15CXXXDA
 M12 - PTC073G15QXXXDA
 M13 - PTC073G25CRXXDA
 M14 - PTC073G25CXXXDA
 M15 - PTC073G25DXXXDA
 M16 - PTC073G25QRXXDA
 M17 - PTC073G25QXXXDA
 M18 - PTC073G25RXXXDA
 M19 - PTC073G25VXXXDA
 M20 - PTC073G35CRXXDA
 M21 - PTC073G35CXXXDA
 M22 - PTC073G35DXXXDA
 M23 - PTC073G35QRXXDA
 M24 - PTC073G35QXXXDA
 M25 - PTC073G35RXXXDA
 M26 - PTC073G35VXXXDA

Indoor Blower Assembly

INDOOR BLOWER ASSEMBLY



Indoor Blower Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

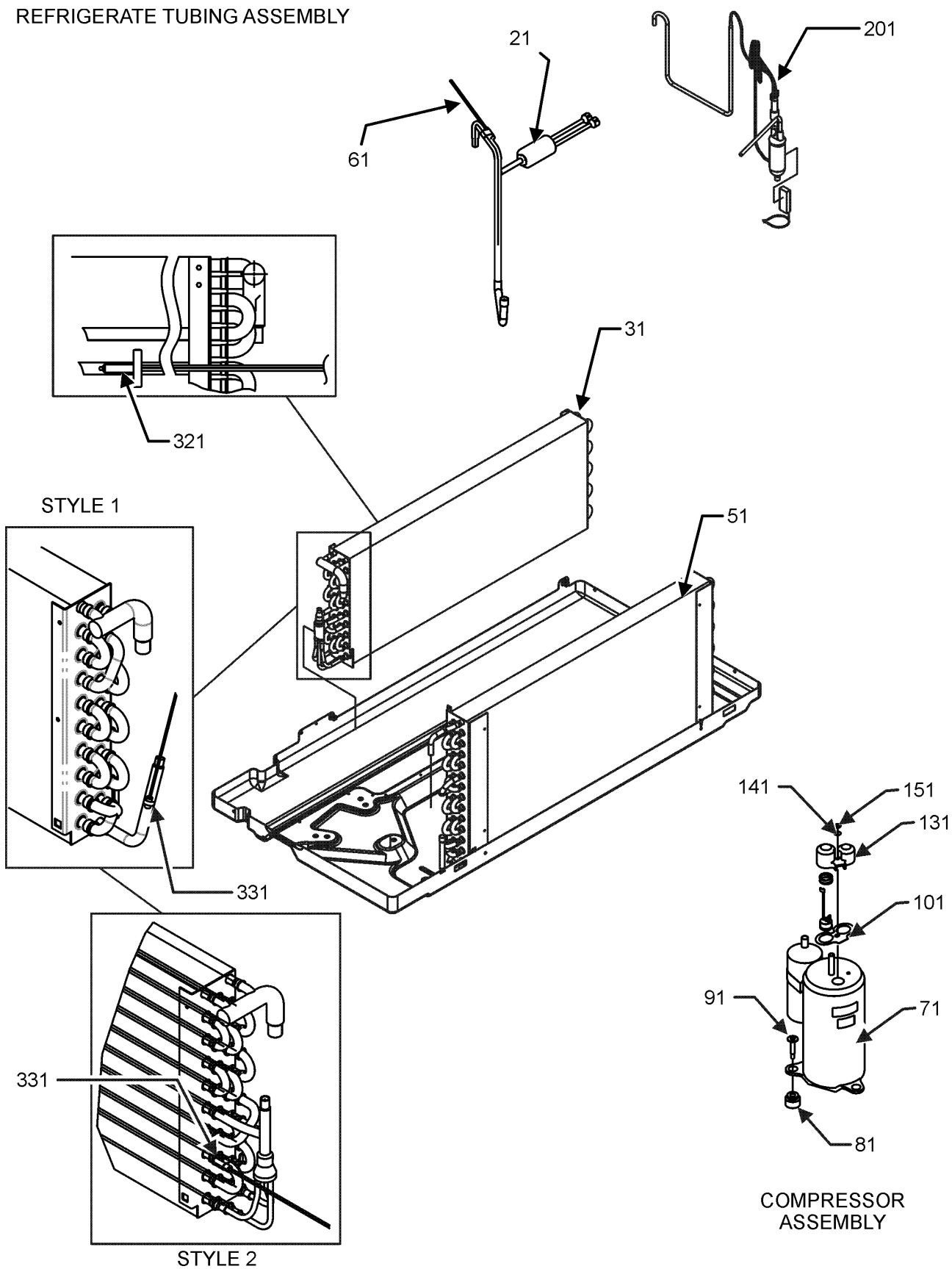
11	0121P00173DG	SCROLL
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00019	HEATER ASSY (M13, M14, M15, M16, M17, M18, M19)
51	0275P00022	HEATER ASSY (M10, M11, M12)
51	0275P00038	HEATER ASSY (M20, M21, M22, M23, M24, M25, M26)
61	0150P00005	WHEEL, BLOWER
71	0131P00054	FAN MOTOR, INDOOR
81	0163P00027	BEARING
91	0121P00048	BRACKET-MOTOR MOUNT
101	0130P00134	THERMISTOR - DISCHARGE
121	0121P00059DG	ENDPLATE-RH SCROLL
131	0121P00215DG	ENDPLATE- LH SCROLL

Expanded Model Nomenclature

M1 - PTC073G00AXXXDA
 M2 - PTC073G00DHRXDA
 M3 - PTC073G00DHXXDA
 M4 - PTC073G00HQRXDA
 M5 - PTC073G00HQXXDA
 M6 - PTC073G00HRXXDA
 M7 - PTC073G00HVXXDA
 M8 - PTC073G00HXXXDA
 M9 - PTC073G00RXXXDA
 M10 - PTC073G15AXXXDA
 M11 - PTC073G15CXXXDA
 M12 - PTC073G15QXXXDA
 M13 - PTC073G25CRXXDA
 M14 - PTC073G25CXXXDA
 M15 - PTC073G25DXXXDA
 M16 - PTC073G25QRXXDA
 M17 - PTC073G25QXXXDA
 M18 - PTC073G25RXXXDA
 M19 - PTC073G25VXXXDA
 M20 - PTC073G35CRXXDA
 M21 - PTC073G35CXXXDA
 M22 - PTC073G35DXXXDA
 M23 - PTC073G35QRXXDA
 M24 - PTC073G35QXXXDA
 M25 - PTC073G35RXXXDA
 M26 - PTC073G35VXXXDA

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	0202P00067		EVAP ASSY, 3/8, 2 ROW
51	0201P00137		5MM COND COIL ASSY (M11, M13, M14, M20, M21)
51	0201P00130		5MM CONDENSER COIL ASSY (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M12, M15, M16, M17, M18, M19, M22, M23, M24, M25, M26)
61	0130P00077		THERMISTOR (M2, M4, M6, M9, M13, M16, M18, M20, M23, M25)
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	0210P00390		CAPILLARY WELDMENT
311	0130P00094		THERMISTOR (M2, M4, M6, M9, M13, M16, M18, M20, M23, M25)
321	0130P00141		THERMISTOR
331	0130P00084		THERMISTOR - INDOOR COIL

Expanded Model Nomenclature

M1 - PTC073G00AXXXDA
 M2 - PTC073G00DHRXDA
 M3 - PTC073G00DHXXDA
 M4 - PTC073G00HQRXDA
 M5 - PTC073G00HQXXDA
 M6 - PTC073G00HRXXDA
 M7 - PTC073G00HVXXDA
 M8 - PTC073G00HXXXDA
 M9 - PTC073G00RXXXDA
 M10 - PTC073G15AXXXDA
 M11 - PTC073G15CXXXDA
 M12 - PTC073G15QXXXDA
 M13 - PTC073G25CRXXDA
 M14 - PTC073G25CXXXDA
 M15 - PTC073G25DXXXDA
 M16 - PTC073G25QRXXDA
 M17 - PTC073G25QXXXDA
 M18 - PTC073G25RXXXDA
 M19 - PTC073G25VXXXDA
 M20 - PTC073G35CRXXDA
 M21 - PTC073G35CXXXDA
 M22 - PTC073G35DXXXDA
 M23 - PTC073G35QRXXDA
 M24 - PTC073G35QXXXDA
 M25 - PTC073G35RXXXDA
 M26 - PTC073G35VXXXDA