

HEC073H High Efficient Package Terminal Air Conditioner

HEC073H00AXXXDA
HEC073H00DHRXDA
HEC073H00DHXXDA
HEC073H00HQRXDA
HEC073H00HQXXDA
HEC073H00HRXXDA
HEC073H00HVXXDA
HEC073H00HXXXDA
HEC073H00RXXXDA
HEC073H15AXXXDA
HEC073H15CXXXDA
HEC073H15QXXXDA
HEC073H25AXXXDA
HEC073H25CRXXDA
HEC073H25CXXXDA
HEC073H25DXXXDA
HEC073H25QRXXDA
HEC073H25QXXXDA
HEC073H25RXXXDA
HEC073H25VXXXDA
HEC073H35AXXXDA
HEC073H35CRXXDA
HEC073H35CXXXDA
HEC073H35DXXXDA
HEC073H35QRXXDA
HEC073H35QXXXDA
HEC073H35RXXXDA
HEC073H35VXXXDA



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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:

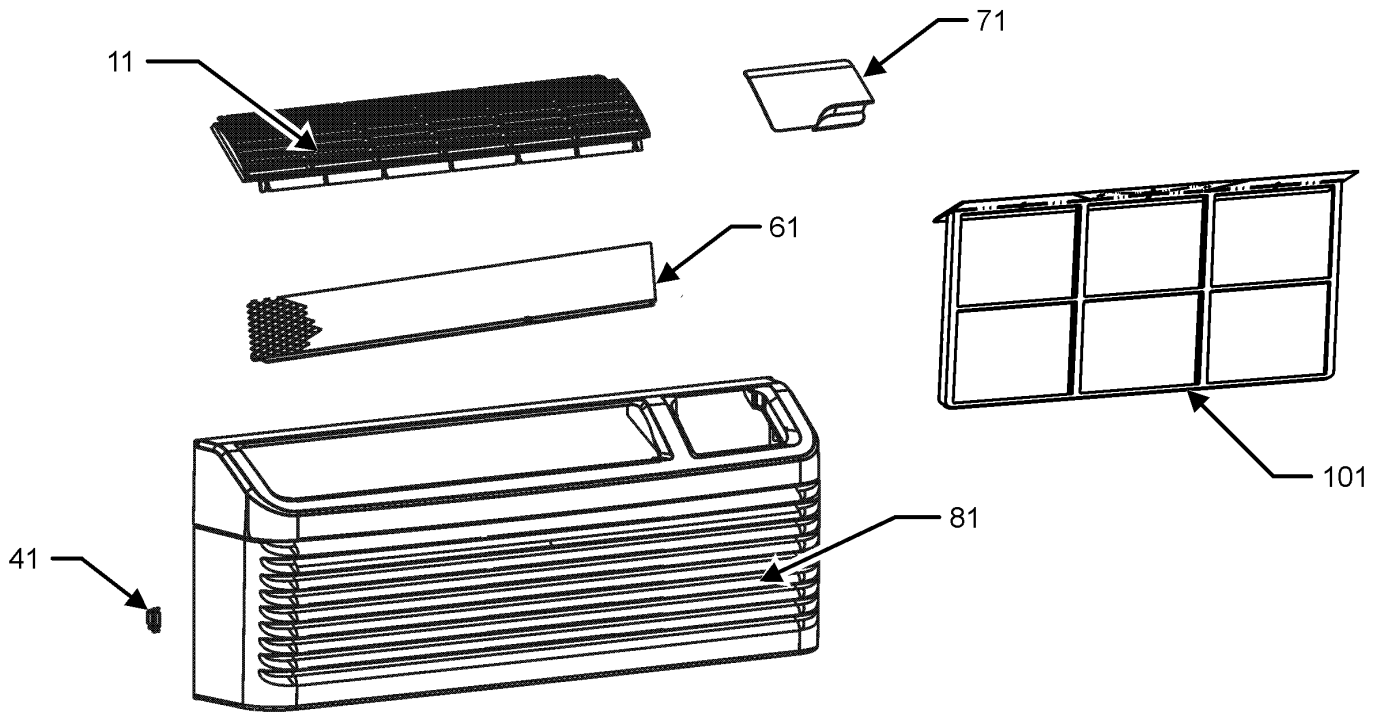
CAP020150450CS	CAP, 2/15 MFD/450V/DUAL RD
CAP020000440RP	CAPACITOR 2/440V
39B142GD&9BKZ	COMPRESSOR, RECHI
RSKP0012	CONTROL BOARD M70
0130P00112	CORD,250VAC,15A (LCD) (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20)
0130P00115	CORD,250VAC,20A (LCD) (M21, M22, M23, M24, M25, M26, M27, M28)
0131P00035	FAN MOTOR, INDOOR
0131P00030	FAN MOTOR, OUTDOOR DC
0161P00055	FAN, CONDENSER
0275P00038	HEATER ASSY (M21, M22, M23, M24, M25, M26, M27, M28)
0275P00022	HEATER ASSY (M10, M11, M12)
0275P00019	HEATER ASSY (M13, M14, M15, M16, M17, M18, M19, M20)
RSKP0015	MEMBRANE KIT
0130P00137	MOTOR (M2, M3, M7, M16, M20, M24, M28)
PCBCP140	PCB, CONTROL, D70 (M2, M3, M7, M16, M20, M24, M28)
0130M00181	SPDT RELAY (M2, M3, M4, M5, M6, M7, M8)
0130M00169	SWITCH, HIGH PRESS
802007090	TERM BOARD
0130P00094	THERMISTOR (M2, M4, M6, M9, M14, M17, M19, M22, M25, M27)
0130P00073	THERMISTOR
0130P00134	THERMISTOR - DISCHARGE
0130P00077	THERMISTOR - INDOOR (M2, M4, M6, M9, M14, M17, M19, M22, M25, M27)
0130P00084	THERMISTOR - INDOOR COIL
0130P00098	THERMISTOR - OUTDOOR AMBIENT (M2, M4, M6, M9, M14, M17, M19, M22, M25, M27)
0130M00329	TRANSFORMER 20VA 60HZ (M1, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)
0130M00149	TRANSFORMER 240V/208V TO 24V, 40VA (M16, M20, M24, M28)
0130M00149	TRANSFORMER 240V/208V TO 24V, 40VA (M2, M3, M4, M5, M6, M7, M8, M16, M20, M24, M28)
PCBEP101	VARIABLE SPEED TERMINAL BOARD

Expanded Model Nomenclature

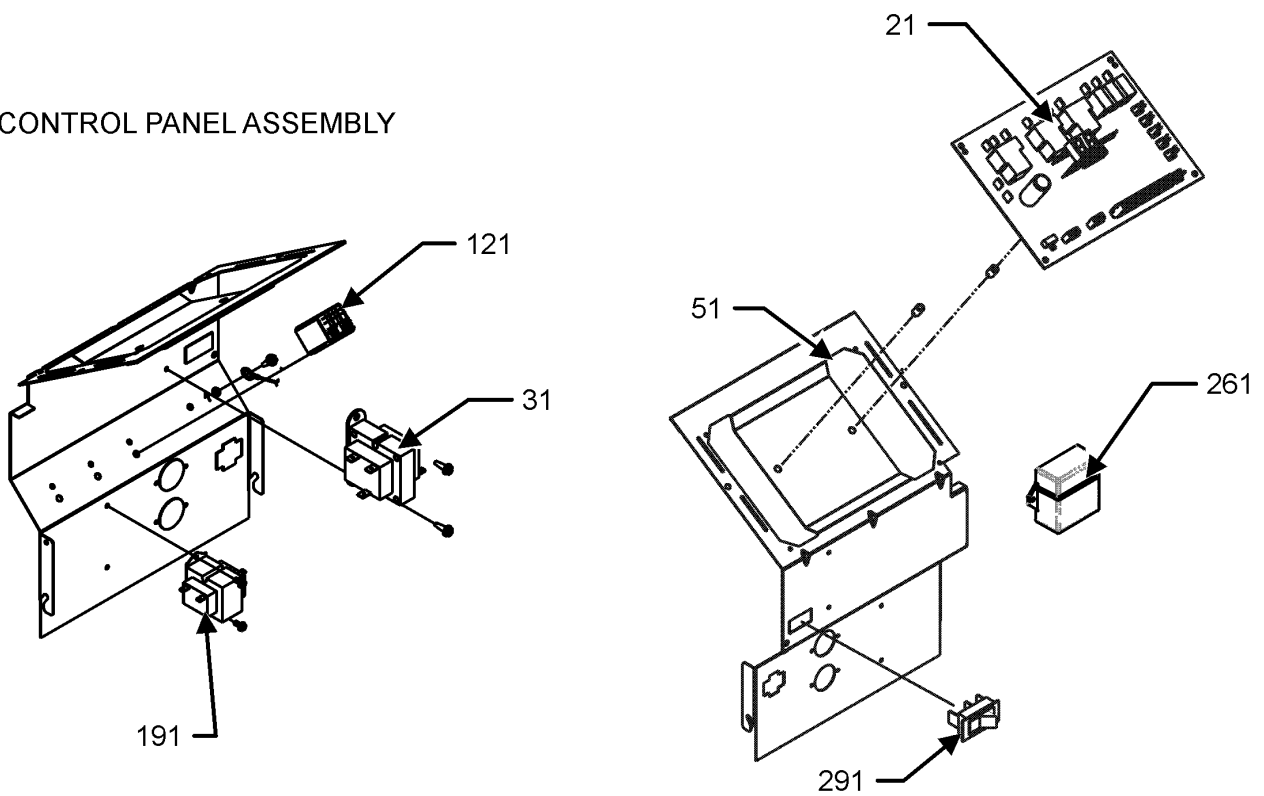
M1 - HEC073H00AXXXDA
M2 - HEC073H00DHRXXDA
M3 - HEC073H00DHXXDA
M4 - HEC073H00HQRXXDA
M5 - HEC073H00HQXXDA
M6 - HEC073H00HRXXDA
M7 - HEC073H00HVXXDA
M8 - HEC073H00HXXDA
M9 - HEC073H00RXXDA
M10 - HEC073H15AXXXDA
M11 - HEC073H15CXXDA
M12 - HEC073H15QXXDA
M13 - HEC073H25AXXXDA
M14 - HEC073H25CRXXDA
M15 - HEC073H25CXXDA
M16 - HEC073H25DXXDA
M17 - HEC073H25QRXXDA
M18 - HEC073H25QXXDA
M19 - HEC073H25RXXDA
M20 - HEC073H25VXXDA
M21 - HEC073H35AXXXDA
M22 - HEC073H35CRXXDA
M23 - HEC073H35CXXDA
M24 - HEC073H35DXXDA
M25 - HEC073H35QRXXDA
M26 - HEC073H35QXXDA
M27 - HEC073H35RXXDA
M28 - HEC073H35VXXDA

Front Panel and Control Panel Assembly

FRONT PANEL ASSEMBLY



CONTROL PANEL ASSEMBLY

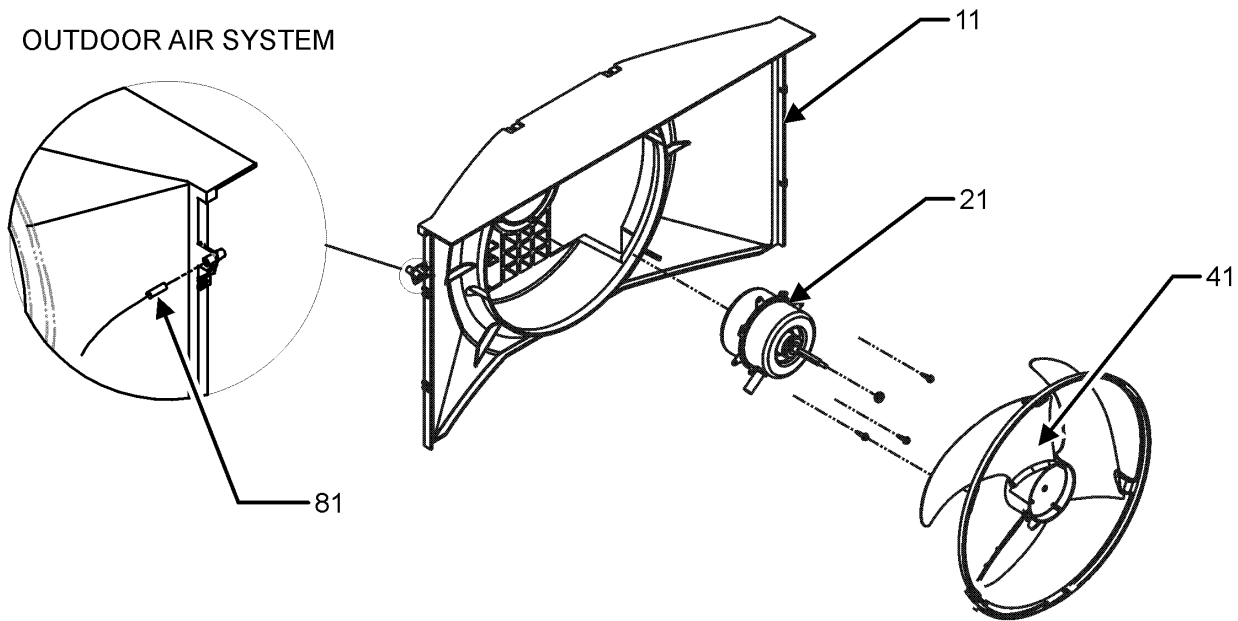


Front Panel and Control Panel Assembly

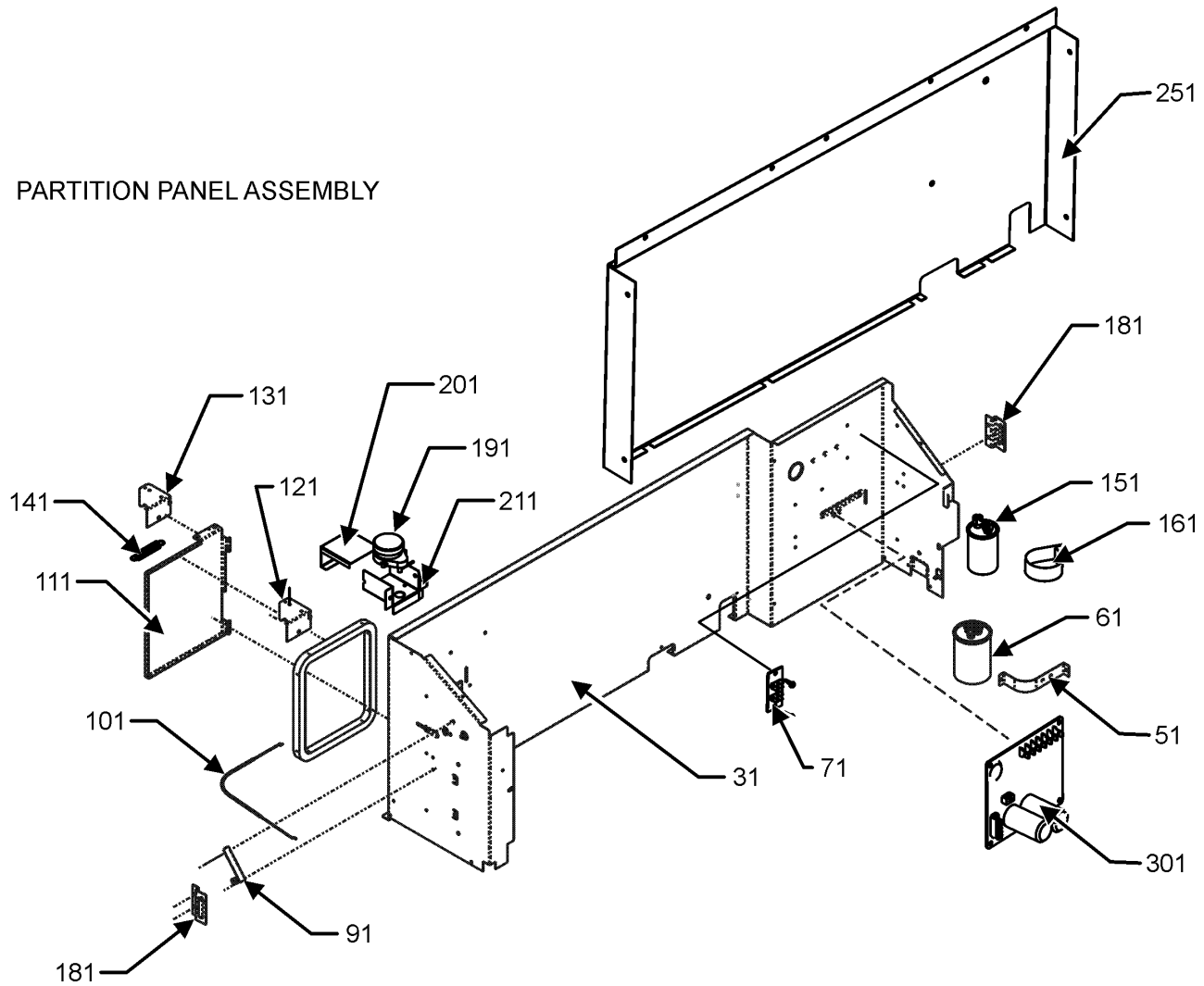
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:		Expanded Model Nomenclature	
11	0161P00048	FRONT-DICHARGE LOUVERS (M1, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)	M1 - HEC073H00AXXXDA M2 - HEC073H00DHRXXDA M3 - HEC073H00DHXXDA M4 - HEC073H00HQRXXDA M5 - HEC073H00HQXXDA M6 - HEC073H00HRXXDA M7 - HEC073H00HVXXDA M8 - HEC073H00HXXXDA M9 - HEC073H00RXXXDA M10 - HEC073H15AXXXDA M11 - HEC073H15CXXXDA M12 - HEC073H15QXXXDA M13 - HEC073H25AXXXDA M14 - HEC073H25CRXXDA M15 - HEC073H25CXXXDA M16 - HEC073H25DXXXDA M17 - HEC073H25QRXXDA M18 - HEC073H25QXXXDA M19 - HEC073H25RXXXDA M20 - HEC073H25VXXXDA M21 - HEC073H35AXXXDA M22 - HEC073H35CRXXDA M23 - HEC073H35CXXXDA M24 - HEC073H35DXXXDA M25 - HEC073H35QRXXDA M26 - HEC073H35QXXXDA M27 - HEC073H35RXXXDA M28 - HEC073H35VXXXDA
21	RSKP0012	CONTROL BOARD M70	
31	0130M00329	TRANSFORMER 20VA 60HZ (M1, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)	
31	0130M00149	TRANSFORMER 240V/208V TO 24V, 40VA (M2, M3, M4, M5, M6, M7, M8, M16, M20, M24, M28)	
41	0163P00025	CLIP (M1, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)	
51	0121P00130	PANEL, CONTROL	
61	0121P00073	SCREEN, DISCHARGE (M1, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)	
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)	
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)	
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)	
121	0130M00181	SPDT RELAY (M2, M3, M4, M5, M6, M7, M8)	
191	0130M00149	TRANSFORMER 240V/208V TO 24V, 40VA (M16, M20, M24, M28)	
261	0130P00104	ANTENNA (DIGITENNA) (M2, M4, M6, M9, M14, M17, M19, M22, M25, M27)	
291	B1337701	PADDLE SWITCH (M2, M3, M7, M16, M20, M24, M28)	
NS	PCBCP140	PCB, CONTROL, D70 (M2, M3, M7, M16, M20, M24, M28)	

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:

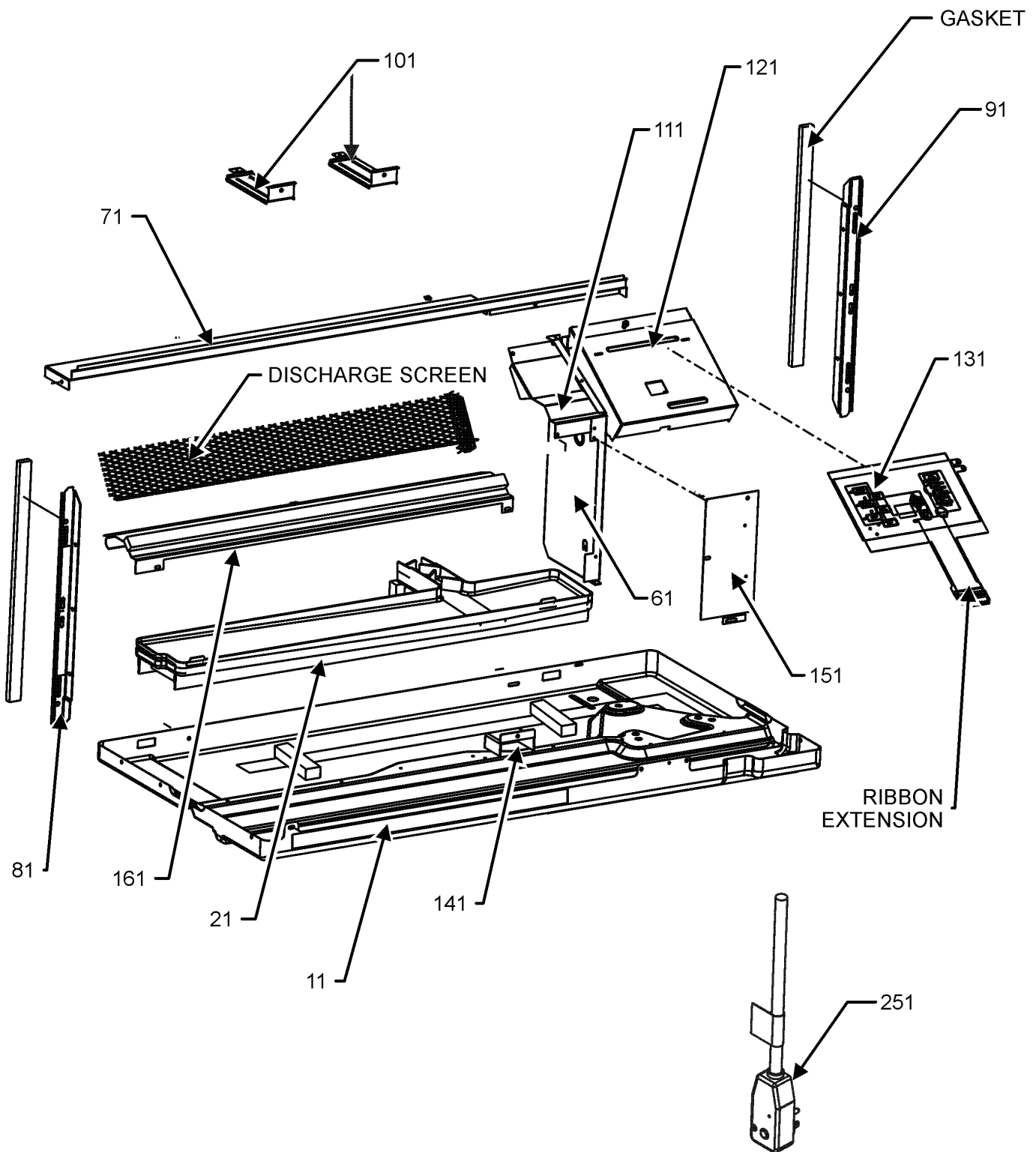
11	0161P00053	SHROUD, CONDENSOR
21	0131P00030	FAN MOTOR, OUTDOOR DC
31	0121P00093	PANEL-PARTITION (M4, M5, M12, M17, M18, M25, M26)
31	0121P00108NG	PANEL-PARTITION (M1, M2, M3, M6, M7, M8, M9, M10, M11, M13, M14, M15, M16, M19, M20, M21, M22, M23, M24, M27, M28)
41	0161P00055	FAN, CONDENSER
51	C6300502	CAPACITOR STRAP
61	CAP020150450CS	CAP, 2/15 MFD/450V/DUAL RD
71	802007090	TERM BOARD
81	0130P00098	THERMISTOR - OUTDOOR AMBIENT (M2, M4, M6, M9, M14, M17, M19, M22, M25, M27)
91	11046302	LEVER ARM (M1, M6, M8, M9, M10, M11, M13, M14, M15, M19, M21, M22, M23, M27)
101	0163P00019	CABLE (M1, M6, M8, M9, M10, M11, M13, M14, M15, M19, M21, M22, M23, M27)
111	0121P00177NG	DOOR - PNT VENT PTC (M1, M2, M3, M6, M7, M8, M9, M10, M11, M13, M14, M15, M16, M19, M20, M21, M22, M23, M24, M27, M28)
121	0121P00079	BRACKET, VENT DOOR (M2, M3, M7, M16, M20, M24, M28)
131	0121P00072NG	BRACKET, VENT DOOR-C (M1, M6, M8, M9, M10, M11, M13, M14, M15, M19, M21, M22, M23, M27)
141	11166401	EXTENSION SPRING (M2, M3, M7, M16, M20, M24, M28)
151	CAP020000440RP	CAPACITOR 2/440V
161	0163P00029	CAPACITOR CLAMP
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)
191	0130P00137	MOTOR (M2, M3, M7, M16, M20, M24, M28)
201	11166201	POWER VENT COVER BRACKET (M2, M3, M7, M16, M20, M24, M28)
211	11166101	POWER VENT MOTOR BRACKET (M2, M3, M7, M16, M20, M24, M28)
251	0121P00091	PANEL-AUXILLIARY (M4, M5, M12, M17, M18, M25, M26)
301	PCBEP101	VARIABLE SPEED TERMINAL BOARD

Expanded Model Nomenclature

M1 - HEC073H00AXXXDA
M2 - HEC073H00DHRXDA
M3 - HEC073H00DHXXDA
M4 - HEC073H00HQRXDA
M5 - HEC073H00HQXXDA
M6 - HEC073H00HRXXDA
M7 - HEC073H00HVXXDA
M8 - HEC073H00HXXXDA
M9 - HEC073H00RXXXDA
M10 - HEC073H15AXXXDA
M11 - HEC073H15CXXXDA
M12 - HEC073H15QXXXDA
M13 - HEC073H25AXXXDA
M14 - HEC073H25CRXXDA
M15 - HEC073H25CXXXDA
M16 - HEC073H25DXXXDA
M17 - HEC073H25QRXXDA
M18 - HEC073H25QXXXDA
M19 - HEC073H25RXXXDA
M20 - HEC073H25VXXXDA
M21 - HEC073H35AXXXDA
M22 - HEC073H35CRXXDA
M23 - HEC073H35CXXXDA
M24 - HEC073H35DXXXDA
M25 - HEC073H35QRXXDA
M26 - HEC073H35QXXXDA
M27 - HEC073H35RXXXDA
M28 - HEC073H35VXXXDA

Base Pan Assembly

BASE PAN ASSEMBLY



Base Pan Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

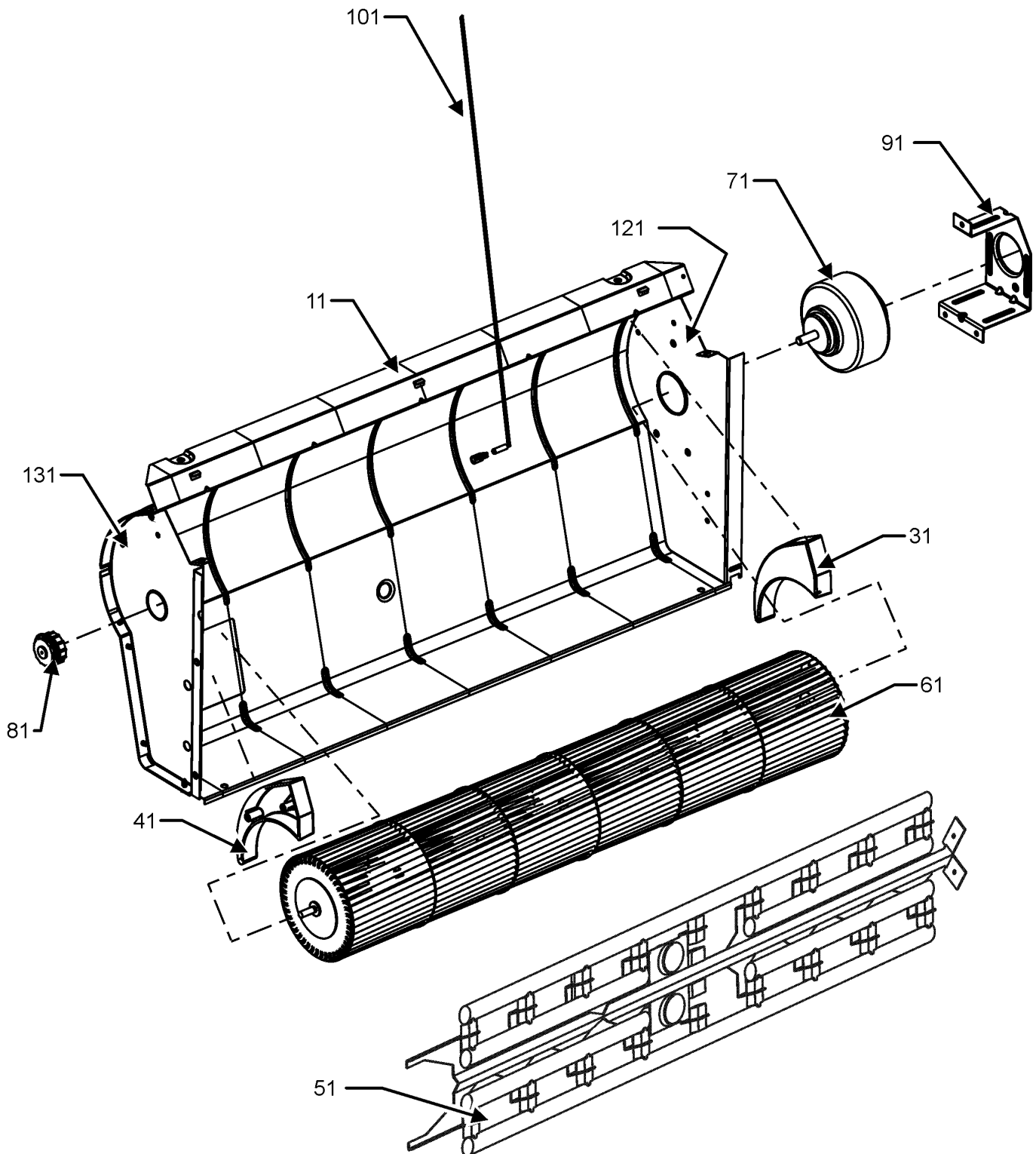
11	0121P00175DG	BASE PAN (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M12, M13, M16, M17, M18, M19, M20, M21, M24, M25, M26, M27, M28)
11	0121P00175NG	BASE PAN (M11, M14, M15, M22, M23)
21	0161P00044	PLASTIC-DRAIN PAN
61	20403301	MID PARTITION PANEL
71	0121P00063NG	TOP, PARTITION PANEL
81	0121P00197	SEAL-L SIDE PTC
91	0121P00198	SEAL-R SIDE PTC
101	0121P00071NG	BRACE, TIE (QTY 2)
111	0121P00070DG	COVER, MOTOR
121	0121P00129	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)
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)
NS	0130P00109	MEMBRANE (CONTROL)

Expanded Model Nomenclature

M1 - HEC073H00AXXXDA
M2 - HEC073H00DHRXDA
M3 - HEC073H00DHXXDA
M4 - HEC073H00HQRXDA
M5 - HEC073H00HQXXDA
M6 - HEC073H00HRXXDA
M7 - HEC073H00HVXXDA
M8 - HEC073H00HXXXDA
M9 - HEC073H00RXXXDA
M10 - HEC073H15AXXXDA
M11 - HEC073H15CXXXDA
M12 - HEC073H15QXXXDA
M13 - HEC073H25AXXXDA
M14 - HEC073H25CRXXDA
M15 - HEC073H25CXXXDA
M16 - HEC073H25DXXXDA
M17 - HEC073H25QRXXDA
M18 - HEC073H25QXXXDA
M19 - HEC073H25RXXXDA
M20 - HEC073H25VXXXDA
M21 - HEC073H35AXXXDA
M22 - HEC073H35CRXXDA
M23 - HEC073H35CXXXDA
M24 - HEC073H35DXXXDA
M25 - HEC073H35QRXXDA
M26 - HEC073H35QXXXDA
M27 - HEC073H35RXXXDA
M28 - HEC073H35VXXXDA

Indoor Blower Assembly

INDOOR BLOWER ASSEMBLY



Indoor Blower Assembly

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

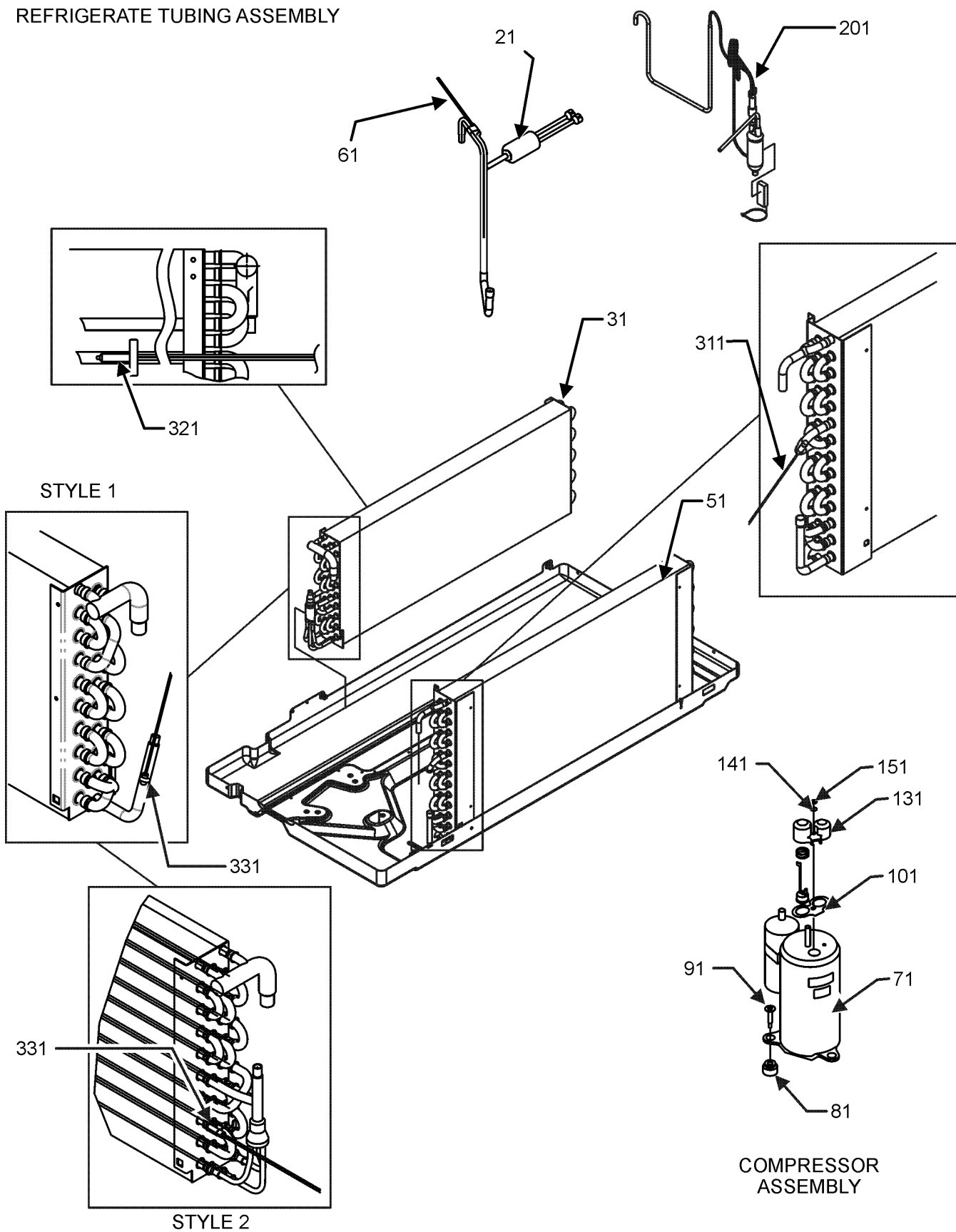
11	0121P00173DG	SCROLL
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00019	HEATER ASSY (M13, M14, M15, M16, M17, M18, M19, M20)
51	0275P00022	HEATER ASSY (M10, M11, M12)
51	0275P00038	HEATER ASSY (M21, M22, M23, M24, M25, M26, M27, M28)
61	0150P00004	WHEEL, BLOWER
71	0131P00035	FAN 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 - HEC073H00AXXXDA
 M2 - HEC073H00DHRXDA
 M3 - HEC073H00DHXXDA
 M4 - HEC073H00HQRXDA
 M5 - HEC073H00HQXXDA
 M6 - HEC073H00HRXXDA
 M7 - HEC073H00HVXXDA
 M8 - HEC073H00HXXDA
 M9 - HEC073H00RXXDA
 M10 - HEC073H15AXXXDA
 M11 - HEC073H15CXXDA
 M12 - HEC073H15QXXDA
 M13 - HEC073H25AXXXDA
 M14 - HEC073H25CRXXDA
 M15 - HEC073H25CXXDA
 M16 - HEC073H25DXXDA
 M17 - HEC073H25QRXXDA
 M18 - HEC073H25QXXDA
 M19 - HEC073H25RXXDA
 M20 - HEC073H25VXXDA
 M21 - HEC073H35AXXXDA
 M22 - HEC073H35CRXXDA
 M23 - HEC073H35CXXDA
 M24 - HEC073H35DXXDA
 M25 - HEC073H35QRXXDA
 M26 - HEC073H35QXXDA
 M27 - HEC073H35RXXDA
 M28 - HEC073H35VXXDA

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	0201P00094		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)
51	0202P00072NG		CONDENSER ASSY PNT (M11, M14, M15, M22, M23)
61	0130P00077		THERMISTOR - INDOOR (M2, M4, M6, M9, M14, M17, M19, M22, M25, M27)
71	39B142GD&9BKZ		COMPRESSOR, RECHI
81	60130203		GROMMET - RECHI COMPRESSOR (QTY 3)
91	0163M00079		SCREW, SHOULDER (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, M14, M17, M19, M22, M25, M27)
321	0130P00073		THERMISTOR
331	0130P00084		THERMISTOR - INDOOR COIL

Expanded Model Nomenclature

M1 - HEC073H00AXXXDA
 M2 - HEC073H00DHRXDA
 M3 - HEC073H00DHXXDA
 M4 - HEC073H00HQRXDA
 M5 - HEC073H00HQXXDA
 M6 - HEC073H00HRXXDA
 M7 - HEC073H00HVXXDA
 M8 - HEC073H00HXXXDA
 M9 - HEC073H00RXXXDA
 M10 - HEC073H15AXXXDA
 M11 - HEC073H15CXXXDA
 M12 - HEC073H15QXXXDA
 M13 - HEC073H25AXXXDA
 M14 - HEC073H25CRXXDA
 M15 - HEC073H25CXXXDA
 M16 - HEC073H25DXXXDA
 M17 - HEC073H25QRXXDA
 M18 - HEC073H25QXXXDA
 M19 - HEC073H25RXXXDA
 M20 - HEC073H25VXXXDA
 M21 - HEC073H35AXXXDA
 M22 - HEC073H35CRXXDA
 M23 - HEC073H35CXXXDA
 M24 - HEC073H35DXXXDA
 M25 - HEC073H35QRXXDA
 M26 - HEC073H35QXXXDA
 M27 - HEC073H35RXXXDA
 M28 - HEC073H35VXXXDA