

HEH073H Package Terminal Heat Pump

HEH073H25AXXXCA
HEH073H25RXXXCA
HEH073H35AXXXCA
HEH073H35CXXXCA
HEH073H35PXXXCA



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This manual is to be used by qualified technicians only.

This manual replaces RP-A5018C.

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Important Information

Index

Functional Parts List	3
Illustration and Parts	4 - 13

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:

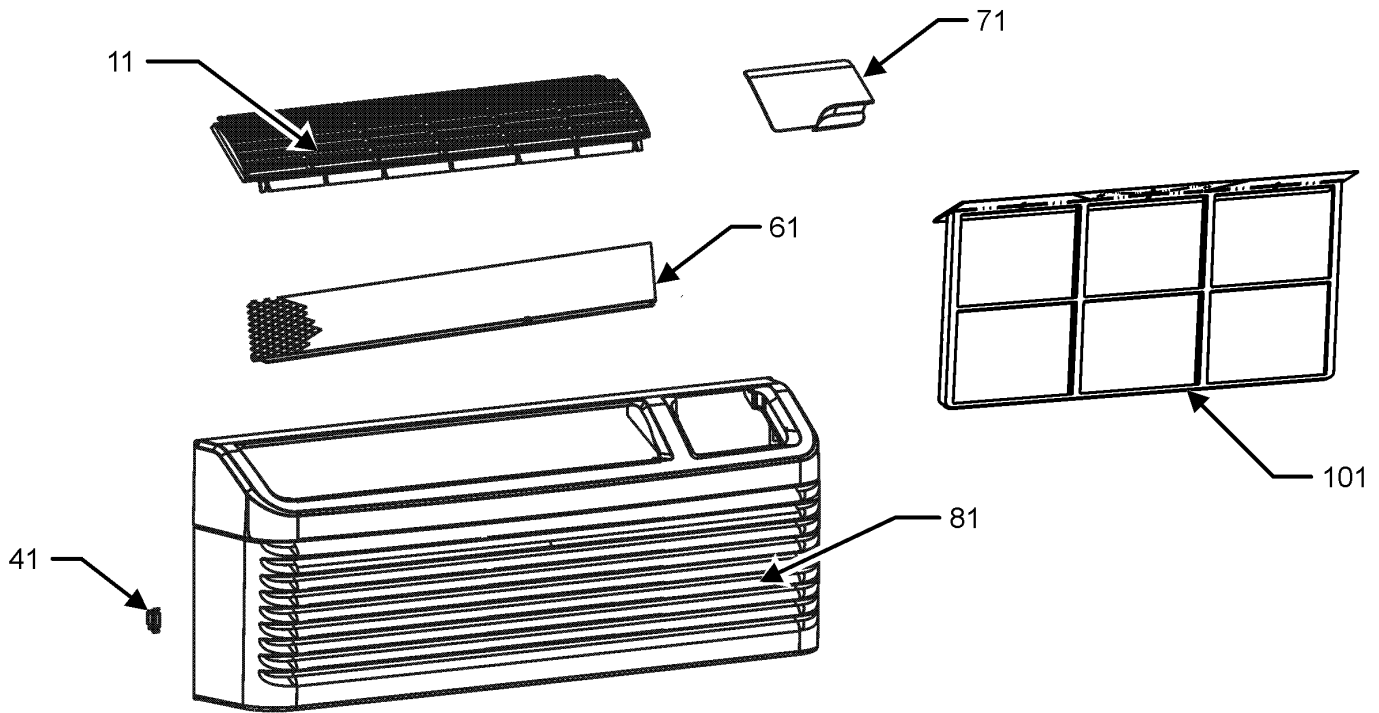
20406303	BASE PAN VALVE (M1, M2, M3, M4)
CAP020200450CS	CAPACITOR 2/20/450V/DUAL RD
39A162AD&9DKZ	COMPRESSOR, RECHI
0163P00023	CONDENSATE PUMP (M5)
0121P00077	CONDENSATE PUMP BRACKET (M5)
RSKP0012	CONTROL BOARD M70
RSKP0015	CONTROL PANEL COVER AND MEMBRANE
0130P00112	CORD,250VAC,15A (LCD) (M1, M2)
0130P00115	CORD,250VAC,20A (LCD) (M3, M4, M5)
0130M00178	DPDT RELAY 24VAC (M5)
0131P00029	FAN MOTOR, INDOOR
0131P00030	FAN MOTOR, OUTDOOR DC
0161P00055	FAN, CONDENSER
0275P00038	HEATER ASSY (M3, M4, M5)
0275P00019	HEATER ASSY (M1, M2)
PCBEP104	INDOOR DC CONTROL MOTOR
PCBEP105	OUTDOOR DC CONTROL MOTOR
60343516	OVERLOAD PROTECTOR
PCBCP140	PCB, CONTROL, D70 (M5)
0151P00000	REVERSING VALVE ASSY-230V
0130P00022	REVERSING VALVE COIL
0130M00169	SWITCH, HIGH PRESS
802007090	TERMINAL BOARD
0130P00141	THERMISTOR
0130P00130	THERMISTOR
0130P00134	THERMISTOR - DISCHARGE
0130P00077	THERMISTOR - INDOOR (M2)
0130P00084	THERMISTOR - INDOOR COIL
0130P00098	THERMISTOR - OUTDOOR AMBIENT (M2, M5)
0130M00150	Trans.,40VA, 240V/208V to 120V (M5)
0130M00329	TRANSFORMER 20VA 60HZ (M1, M2, M3, M4)
0130M00149	TRANSFORMER 240V/208V TO 24V, 40VA (M5)
0150P00004	WHEEL, BLOWER

Expanded Model Nomenclature

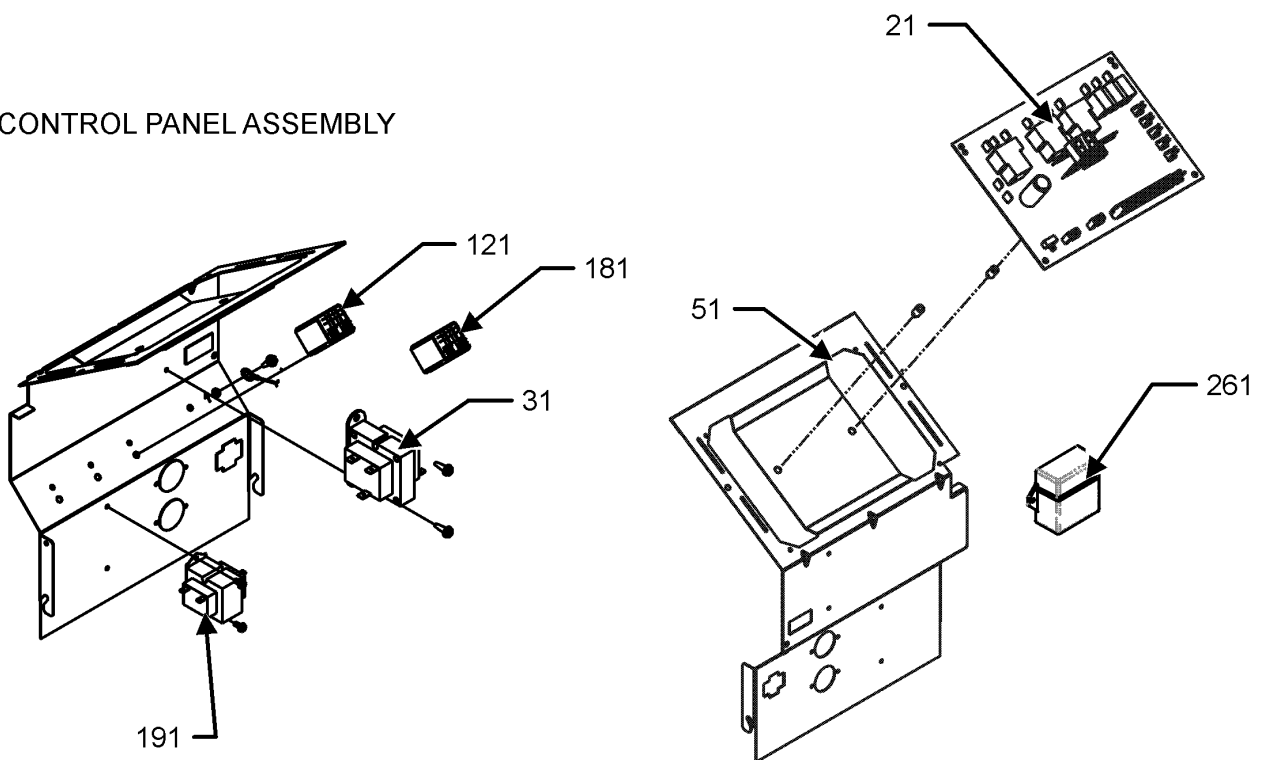
M1 - HEH073H25AXXXCA
M2 - HEH073H25RXXCA
M3 - HEH073H35AXXXCA
M4 - HEH073H35CXXCA
M5 - HEH073H35PXXCA

Front Panel and Control Panel Assembly

FRONT PANEL ASSEMBLY



CONTROL PANEL ASSEMBLY



Front Panel and Control Panel Assembly

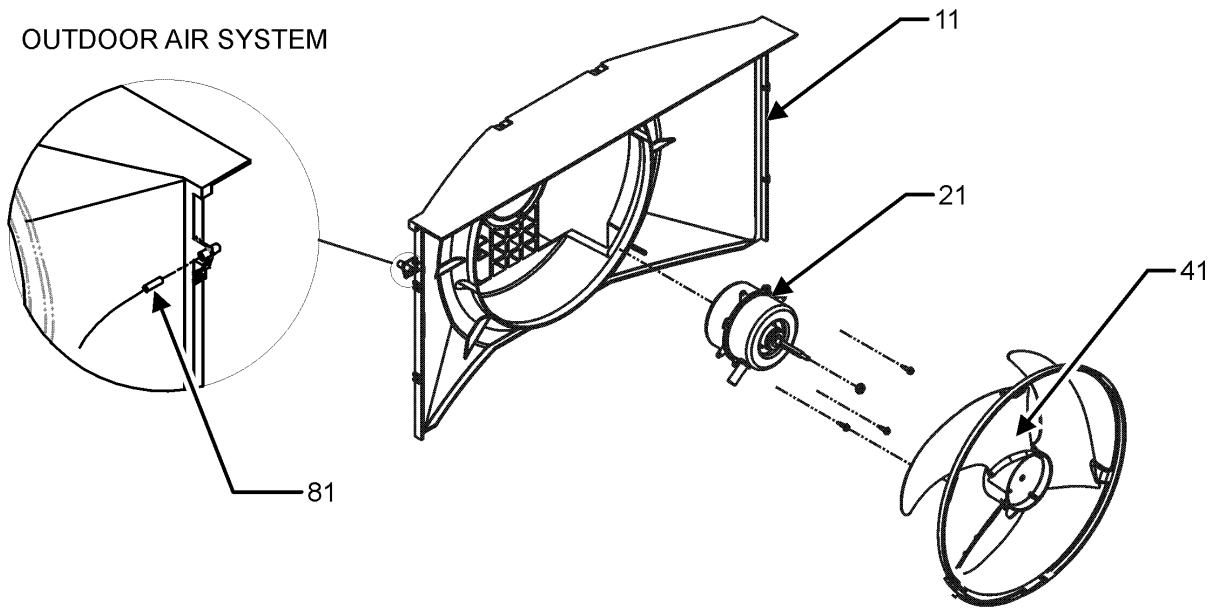
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0161P00048		FRONT, LOUVERS DISCHARGE
21	RSKP0012		CONTROL BOARD M70
31	0130M00329		TRANSFORMER 20VA 60HZ (M1, M2, M3, M4)
31	0130M00149		TRANSFORMER 240V/208V TO 24V, 40VA (M5)
41	0163P00025		CLIP (QTY 2)
51	0121P00130		PANEL, CONTROL
61	0121P00194BL		SCREEN, DISCHARGE, PAINTED
71	0261P00003		DOOR ASSY -AMANA-
81	0261P00011		FRONT ASSY
101	0161P00035		FILTER, RACK (QTY 2)
181	0130M00178		DPDT RELAY 24VAC (M5)
191	0130M00150		Trans.,40VA, 240V/208V to 120V (M5)
261	0130P00104		ANTENNA (DIGITENNA) (M2)
NS	PCBCP140		PCB, CONTROL, D70 (M5)

Expanded Model Nomenclature

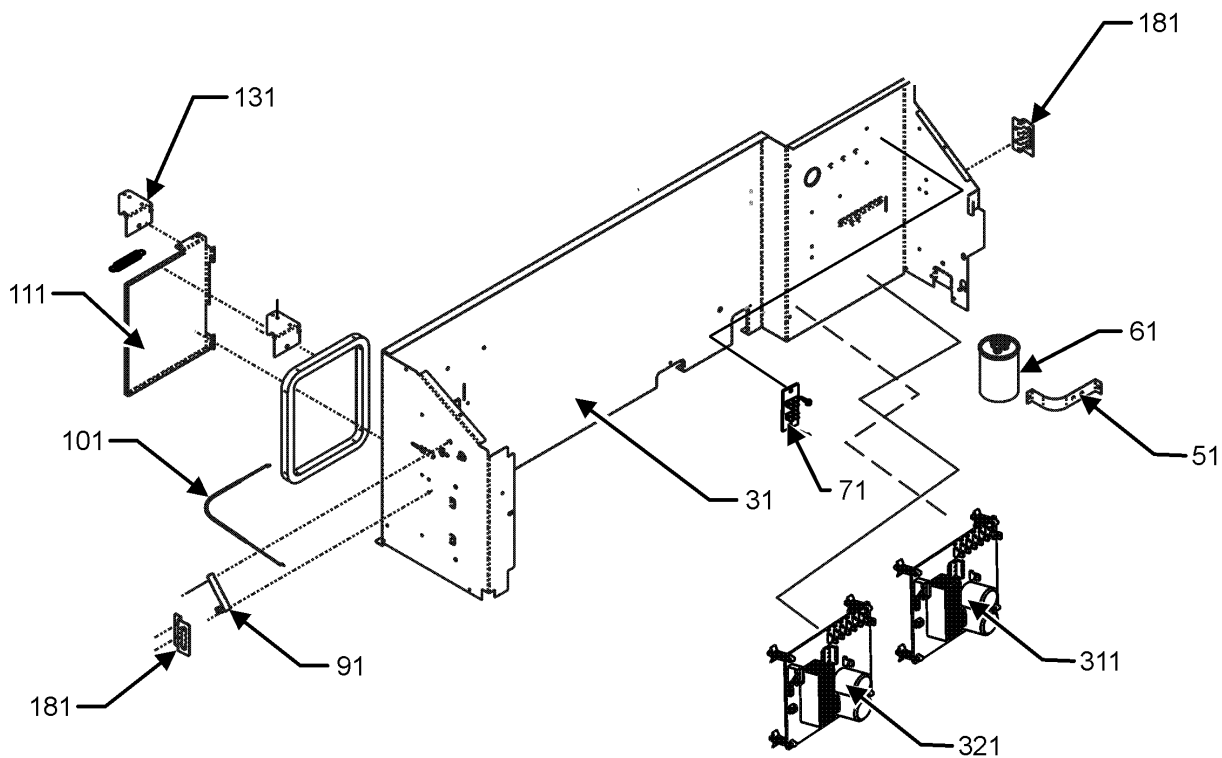
M1 - HEH073H25AXXXCA
M2 - HEH073H25RXXXCA
M3 - HEH073H35AXXXCA
M4 - HEH073H35CXXXCA
M5 - HEH073H35PXXXCA

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:

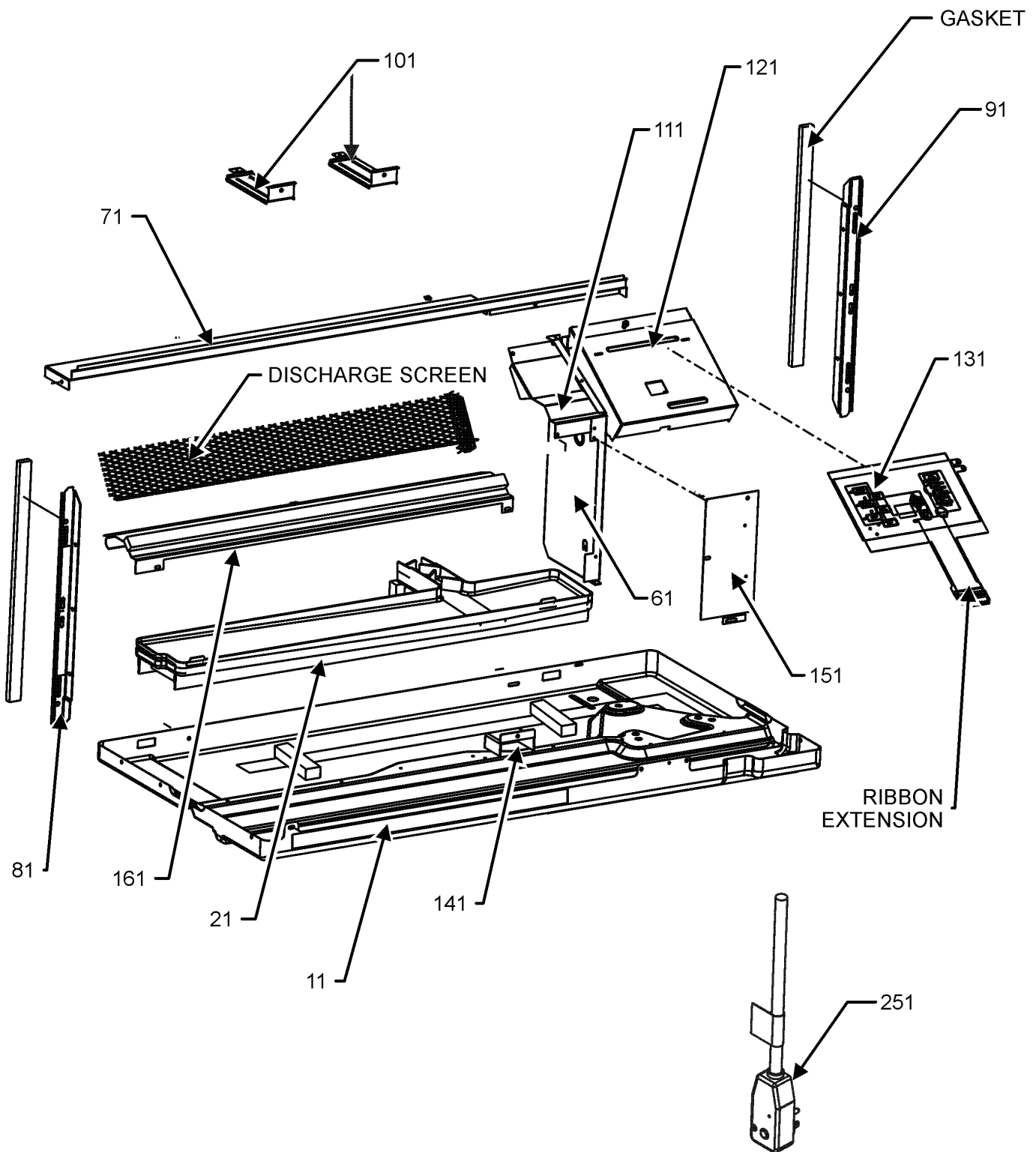
11	0161P00053	SHROUD, CONDENSER
21	0131P00030	FAN MOTOR, OUTDOOR DC
31	0121P00108NG	PANEL-PARTITION
41	0161P00055	FAN, CONDENSER
51	C6300502	CAPACITOR STRAP
61	CAP020200450CS	CAPACITOR 2/20/450V/DUAL RD
71	802007090	TERMINAL BOARD
81	0130P00098	THERMISTOR - OUTDOOR AMBIENT (M2, M5)
91	11046302	LEVER ARM
101	0163P00019	CABLE
111	0121P00177	DOOR-VENT PTC
131	0121P00072NG	BRACKET, VENT DOOR-C
181	11191703	PARTITION PANEL BRACKET (QTY 2)
311	PCBEP105	OUTDOOR DC CONTROL MOTOR
321	PCBEP104	INDOOR DC CONTROL MOTOR
NS	0163P00023	CONDENSATE PUMP (M5)
NS	0121P00077	CONDENSATE PUMP BRACKET (M5)

Expanded Model Nomenclature

M1 - HEH073H25AXXXCA
M2 - HEH073H25RXXXCA
M3 - HEH073H35AXXXCA
M4 - HEH073H35CXXXCA
M5 - HEH073H35PXXXCA

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:

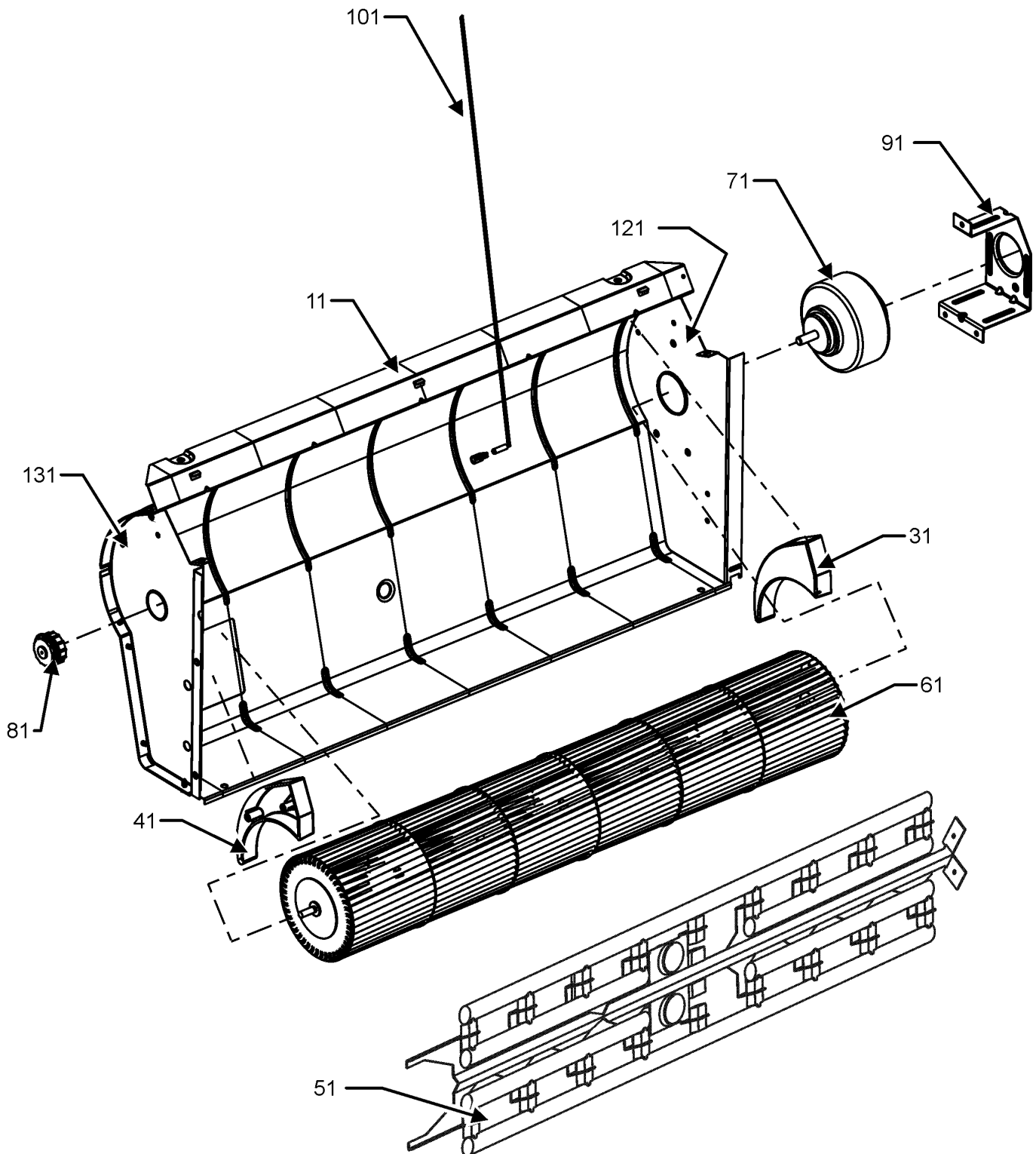
11	0121P00175DG	BASE PAN (M1, M2, M3, M5)
21	0161P00044	PLASTIC-DRAIN PAN
61	20403301	MID PARTITION PANEL
71	0121P00063NG	TOP, PARTITION PANEL
81	0121P00197	SEAL-L SIDE PTC
91	0121P00198	SEAL-R SIDE PTC
101	0121P00071NG	BRACE, TIE (QTY 2)
111	0121P00070DG	COVER, MOTOR
121	0121P00129	COVER-CONTROL PANEL
131	RSKP0015	CONTROL PANEL COVER AND MEMBRANE
141	0161P00016	PLASTIC-HOOD
151	20410801	ACCESS COVER
161	0121P00061DG	CUTOFF-SCROLL DG
251	0130P00112	CORD,250VAC,15A (LCD) (M1, M2)
251	0130P00115	CORD,250VAC,20A (LCD) (M3, M4, M5)
NS	0130P00109	MEMBRANE (CONTROL)

Expanded Model Nomenclature

M1 - HEH073H25AXXXCA M2 - HEH073H25RXXXCA M3 - HEH073H35AXXXCA M4 - HEH073H35CXXXCA M5 - HEH073H35PXXXCA
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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:

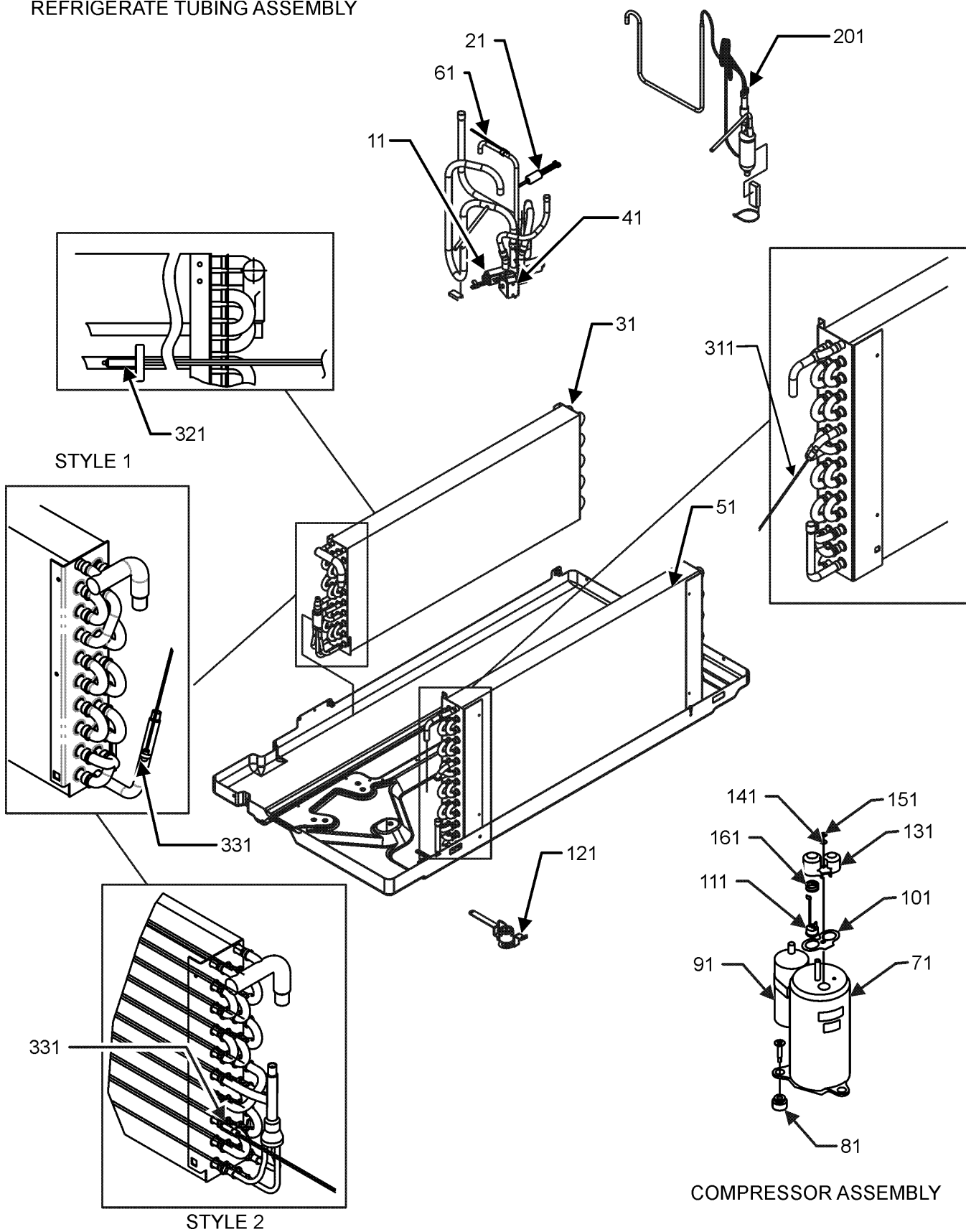
11	0121P00173DG	SCROLL
31	0161P00021	END CAP, RIGHT
41	0161P00022	END CAP, LEFT
51	0275P00019	HEATER ASSY (M1, M2)
51	0275P00038	HEATER ASSY (M3, M4, M5)
61	0150P00004	WHEEL, BLOWER
71	0131P00029	FAN MOTOR, INDOOR
81	0163P00027	BEARING
91	0121P00048	BRACKET-MOTOR MOUNT
101	0130P00134	THERMISTOR - DISCHARGE
121	0121P00059DG	ENDPLATE-RH SCROLL
131	0121P00215DG	ENDPLATE- LH SCROLL

Expanded Model Nomenclature

M1 - HEH073H25AXXXCA
M2 - HEH073H25RXXXCA
M3 - HEH073H35AXXXCA
M4 - HEH073H35CXXXCA
M5 - HEH073H35PXXXCA

Refrigerant Tubing Assembly

REFRIGERATE TUBING ASSEMBLY



Refrigerant Tubing Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0151P00000		REVERSING VALVE ASSY-230V
21	0130M00169		SWITCH, HIGH PRESS
31	0202P00067		EVAP ASSY, 3/8, 2 ROW
41	0130P00022		REVERSING VALVE COIL
51	0201P00097		7 MM CONDENSER COIL ASSY (M1, M2, M3, M5)
51	0201P00105NG		7MM CONDENSER ASSEMBLY PAINTED (M4)
61	0130P00077		THERMISTOR - INDOOR (M2)
71	39A162AD&9DKZ		COMPRESSOR, RECHI
81	60130203		GROMMET - RECHI COMPRESSOR (QTY 3)
91	0163M00079		SHOULDER SCREW (QTY 3)
101	60100103		TERMINAL GASKET
111	60343516		OVERLOAD PROTECTOR
121	20406303		BASE PAN VALVE (M1, M2, M3, M4)
131	60100314		TERMINAL COVER - RECHI COMP
141	60100201		WASHER - RECHI COMPRESSOR
151	60100401		TERMINAL NUT - RECHI COMP
161	60500101		OLP SPRING - RECHI COMPRESSOR
201	0210P00276		CAPILLARY TUBE WELD
311	0130P00130		THERMISTOR
321	0130P00141		THERMISTOR
331	0130P00084		THERMISTOR - INDOOR COIL

Expanded Model Nomenclature

M1 - HEH073H25AXXXCA
M2 - HEH073H25RXXXCA
M3 - HEH073H35AXXXCA
M4 - HEH073H35CXXXCA
M5 - HEH073H35PXXXCA