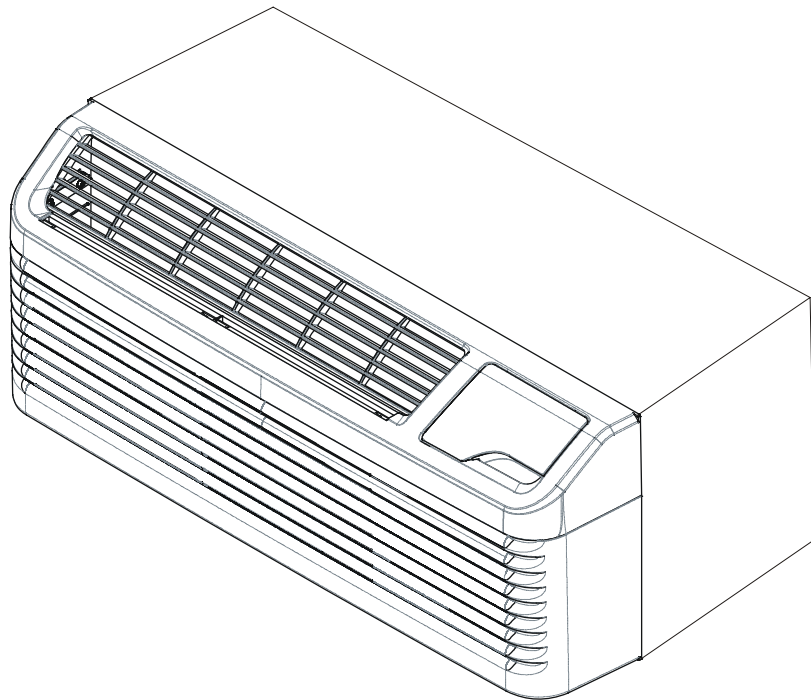


REPAIR PARTS

PTH Series R410A PTAC Heat Pumps

PTH074E25AXXXAB
PTH074E35AXXXAB
PTH094E25AXXXAB
PTH094E35AXXXAB
PTH094E35RXXXAB
PTH124E25AXXXAB
PTH124E35AXXXAB
PTH154E25AXXXAA
PTH154E35AXXXAA



This manual is to be used by qualified technicians only.

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Important Information

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Functional Parts List	3
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Views shown are for parts illustrations only, not servicing procedures.

This system uses R410A refrigerant. If sealed system work is required, use approved equipment and follow service procedures. Refer to Service Manual or Installation Instructions for service 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 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:

Expanded Model Nomenclature

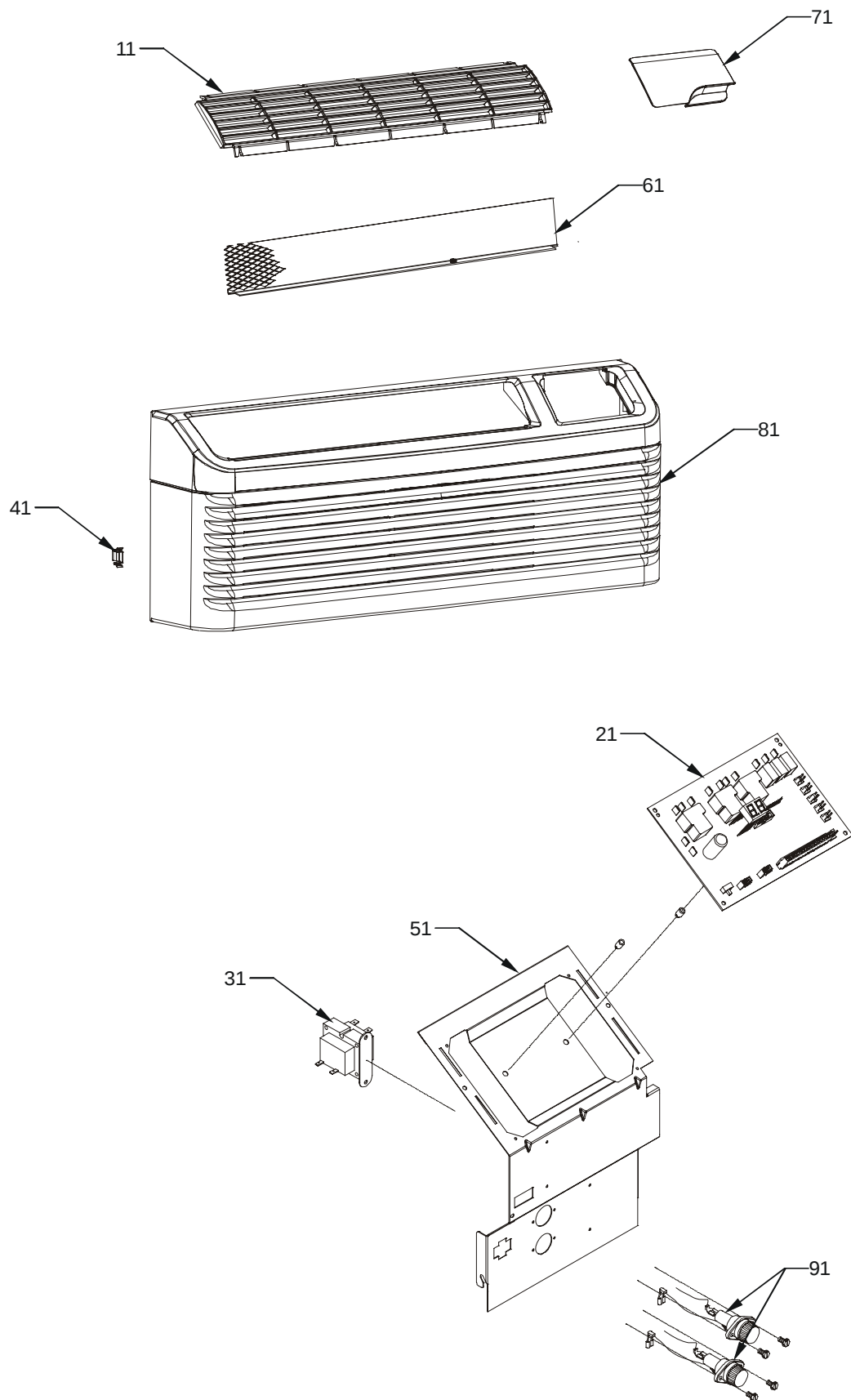
CAP030250440RS	CAP, 3/25 MFD/440V/DUAL RD (M8)
CAP015000440P	CAPACITOR, 440V (M8)
CAP010000440P	CAPACITOR, 440V (M1, M2, M3, M4, M5, M6, M7)
CAP020150500RS	CAPACITOR, 500V (M1, M2)
CAP020250500RS	CAPACITOR, 500V (M3, M4, M5)
CAP020300500RS	CAPACITOR, 500V (M6, M7)
44A207A	COMPRESSOR, RECHI (M3, M4, M5)
39A167A	COMPRESSOR, RECHI (M1, M2)
44A287A	COMPRESSOR, RECHI (M6, M7)
50A367Q	COMPRESSOR, RECHI (M8)
PCBCP131	CONTROL BOARD M61
0131P00017	FAN MOTOR OUTDOOR (M1, M2, M3, M4, M5, M6, M7)
0131P00011	FAN MOTOR, INDOOR 265V (M8)
0131P00010	FAN MOTOR, INDOOR 265V (M1, M2, M3, M4, M5, M6, M7)
0131P00009	FAN MOTOR, OUTDOOR (M8)
0275P00015	HEATER ASSY 2.5KW 265V (M1, M3, M6)
0275P00014	HEATER ASSY 3.7KW 265V (M2, M4, M5, M7, M8)
60343516	OVERLOAD PROTECTOR (M3, M4, M5)
60343547	OVERLOAD PROTECTOR (M1, M2)
60343539	OVERLOAD PROTECTOR (M6, M7)
60343525	OVERLOAD PROTECTOR (M8)
0130M00066	SWITCH, HIGH PRESS (M5)
20295711	THERMISTOR (M3, M4, M6, M7, M8)
0130P00038	THERMISTOR-DISCHARGE
20295709	THERMISTOR-HEAT PUMP (M1, M2)
0130P00046	THERMISTOR-INDOOR AMBIENT (M1, M2, M5)
0130P00047	THERMISTOR-INDOOR AMBIENT (M3, M4, M6, M7, M8)
20295707	THERMISTOR-INDOOR COIL (M1, M2, M5)
0130P00033	THERMISTOR-INDOOR COIL (M3, M4, M6, M7, M8)
20512501	TRANSFORMER (HYDRONIC)

M1 - PTH074E25AXXXAB
M2 - PTH074E35AXXXAB
M3 - PTH094E25AXXXAB
M4 - PTH094E35AXXXAB
M5 - PTH094E35RXXXAB
M6 - PTH124E25AXXXAB
M7 - PTH124E35AXXXAB
M8 - PTH154E35AXXXAA

SPECIAL PARTS

IO-723	INSUL OWNER MANUAL
IO-728A	INSUL, INSTALL

Front Assy



Front Assy

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

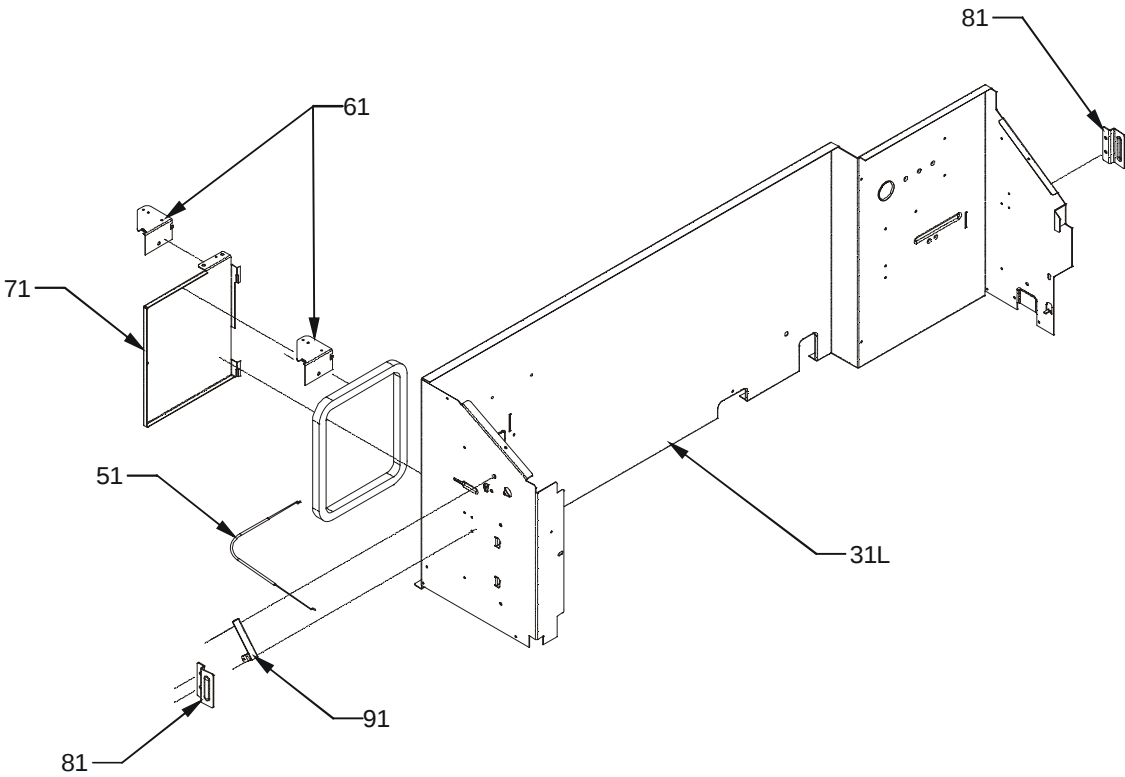
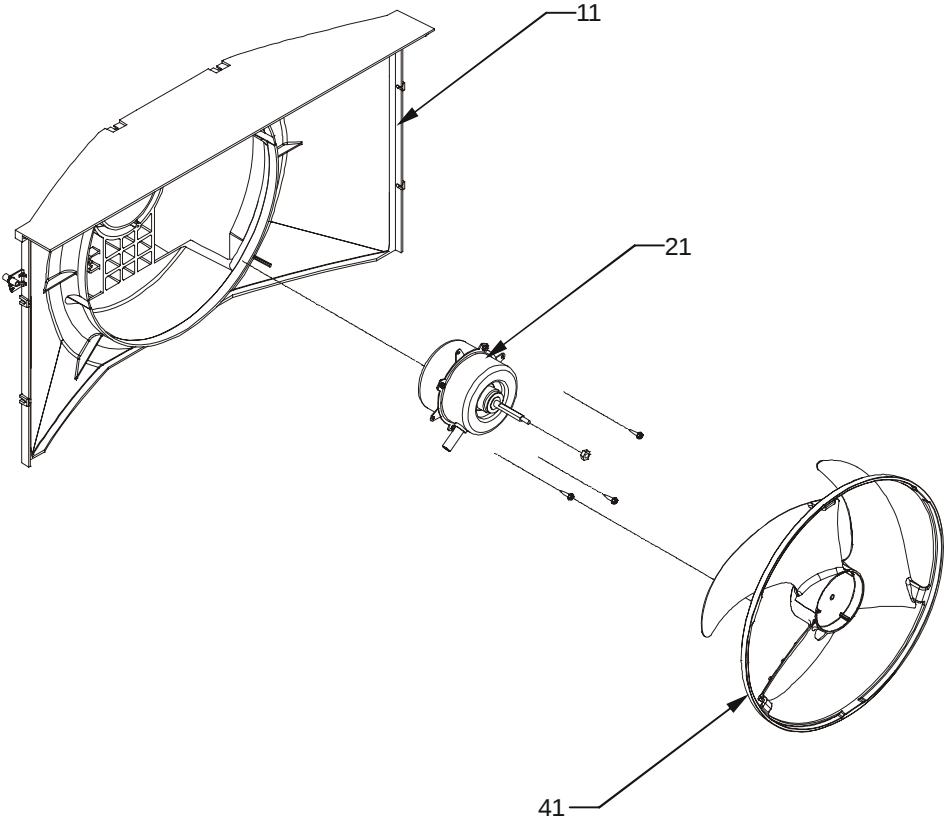
Image 1:

11	0161P00033	FRONT-DICHARGE LOUVERS
21	PCBCP131	CONTROL BOARD M61
31	A3410403	FUSE 20A
31	20512501	TRANSFORMER (HYDRONIC)
41	0163P00025	CLIP (QTY 2)
51	11044505	CONTROL PANEL
51	0121P00001P	CONTROL PANEL COVER
61	0121P00073DG	DISCHARGE SCREEN, PNT
71	0161P00034	DOOR, ACCESS
81	0261P00006	FRONT MODULE
NS	C6476002	BAYONET FUSE HOLDER
NS	1261401	DIGITENNA (M5)

Expanded Model Nomenclature

M1 - PTH074E25AXXXAB
M2 - PTH074E35AXXXAB
M3 - PTH094E25AXXXAB
M4 - PTH094E35AXXXAB
M5 - PTH094E35RXXXAB
M6 - PTH124E25AXXXAB
M7 - PTH124E35AXXXAB
M8 - PTH154E35AXXXAA

Chassis Control Panel



Chassis Control Panel

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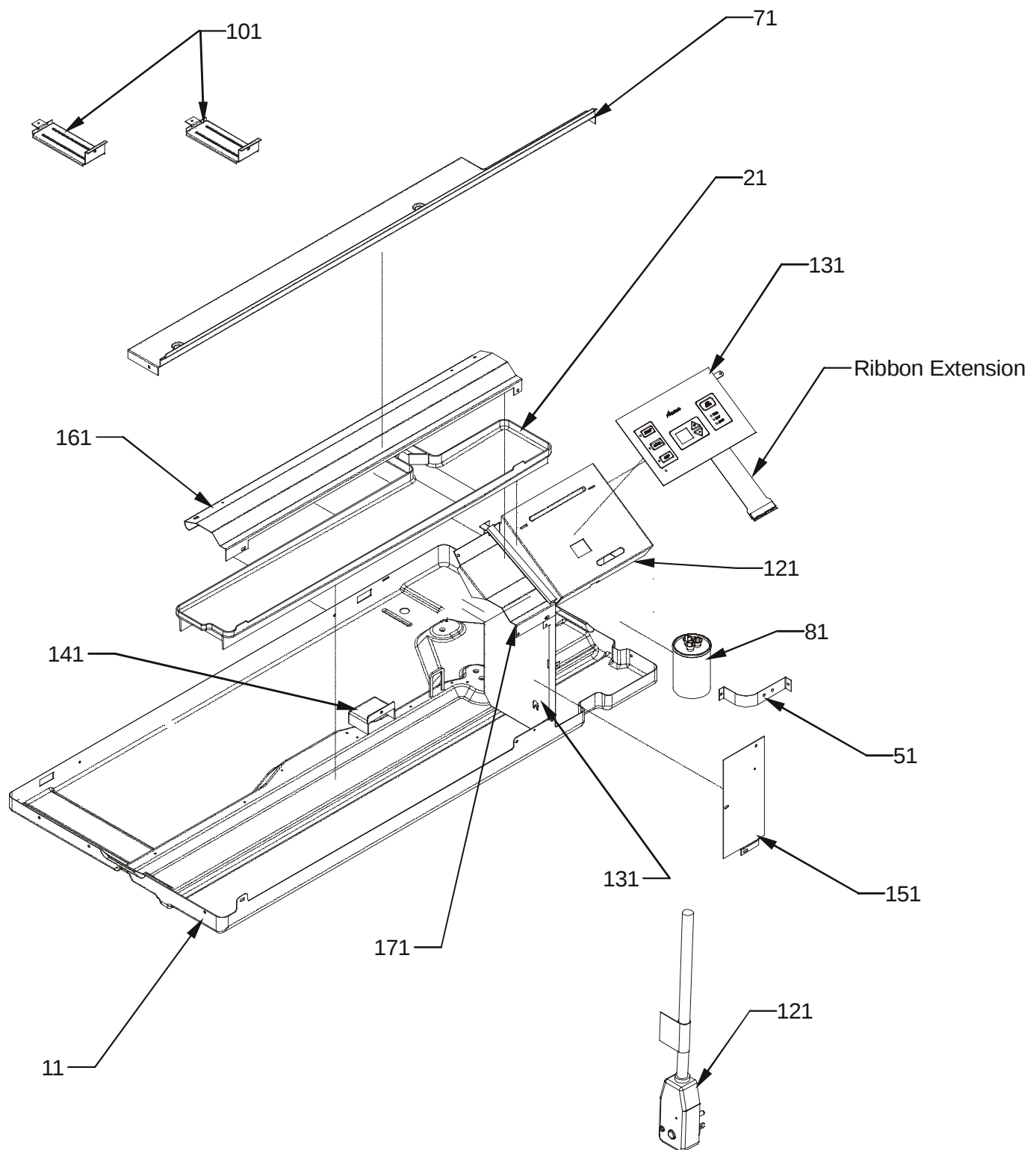
Image 1:

11	0161P00026	SHROUD, CONDENSER
21	0131P00017	FAN MOTOR OUTDOOR (M1, M2, M3, M4, M5, M6, M7)
21	0131P00009	FAN MOTOR, OUTDOOR (M8)
31	0121P00057	PANEL, PARTITION
41	0161P00030	FAN, CONDENSER
71	11046105	VENT DOOR
81	11191703	PARTITION PANEL BRACKET (QTY 2)
91	11046302	LEVER ARM

Expanded Model Nomenclature

M1 - PTH074E25AXXXAB
M2 - PTH074E35AXXXAB
M3 - PTH094E25AXXXAB
M4 - PTH094E35AXXXAB
M5 - PTH094E35RXXXAB
M6 - PTH124E25AXXXAB
M7 - PTH124E35AXXXAB
M8 - PTH154E35AXXXAA

Partition Assy



Partition Assy

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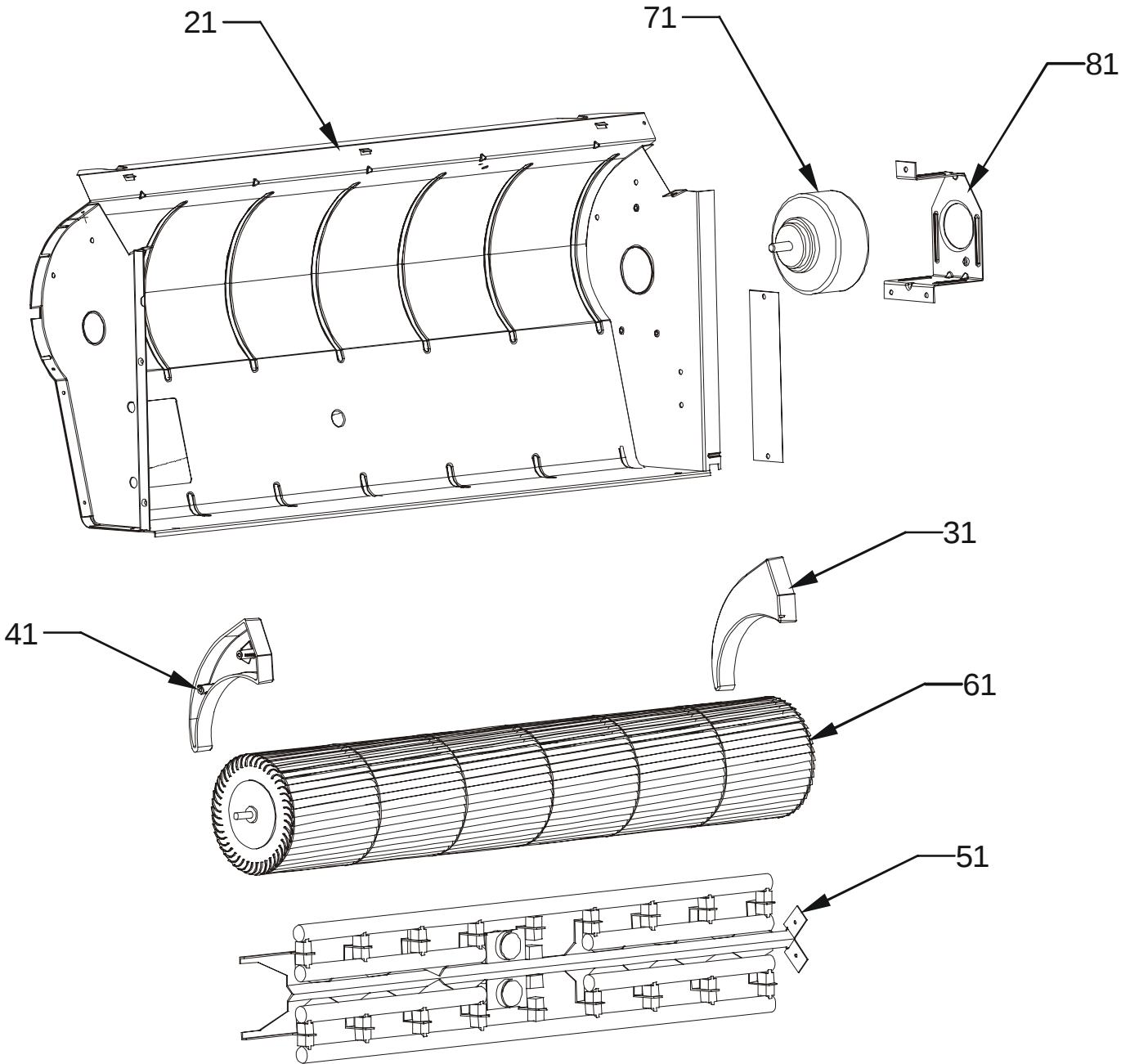
Image 1:

11	0121P00056DG	BASEPAN
21	0161P00023	PLASTIC-DRAIN PAN
51	C6300502	CAPACITOR STRAP
61	20410801	ACCESS COVER
71	0121P00063	TOP - PARTITION PANEL
81	CAP010000440P	CAPACITOR, 440V (M1, M2, M3, M4, M5, M6, M7)
81	CAP015000440P	CAPACITOR, 440V (M8)
131	20403301	MID PARTITION PANEL
141	0161P00016	PLASTIC-HOOD
161	0121P00061DG	CUTOFF-SCROLL DG
171	0121P00070DG	COVER, MOTOR PNT
211	CAP030250440RS	CAP, 3/25 MFD/440V/DUAL RD (M8)
211	CAP020150500RS	CAPACITOR, 500V (M1, M2)
211	CAP020250500RS	CAPACITOR, 500V (M3, M4, M5)
211	CAP020300500RS	CAPACITOR, 500V (M6, M7)
NS	20406303	BASE PAN VALVE (M1, M2, M3, M4, M6, M7, M8)

Expanded Model Nomenclature

M1 - PTH074E25AXXXAB
M2 - PTH074E35AXXXAB
M3 - PTH094E25AXXXAB
M4 - PTH094E35AXXXAB
M5 - PTH094E35RXXXAB
M6 - PTH124E25AXXXAB
M7 - PTH124E35AXXXAB
M8 - PTH154E35AXXXAA

Indoor Assy



Indoor Assy

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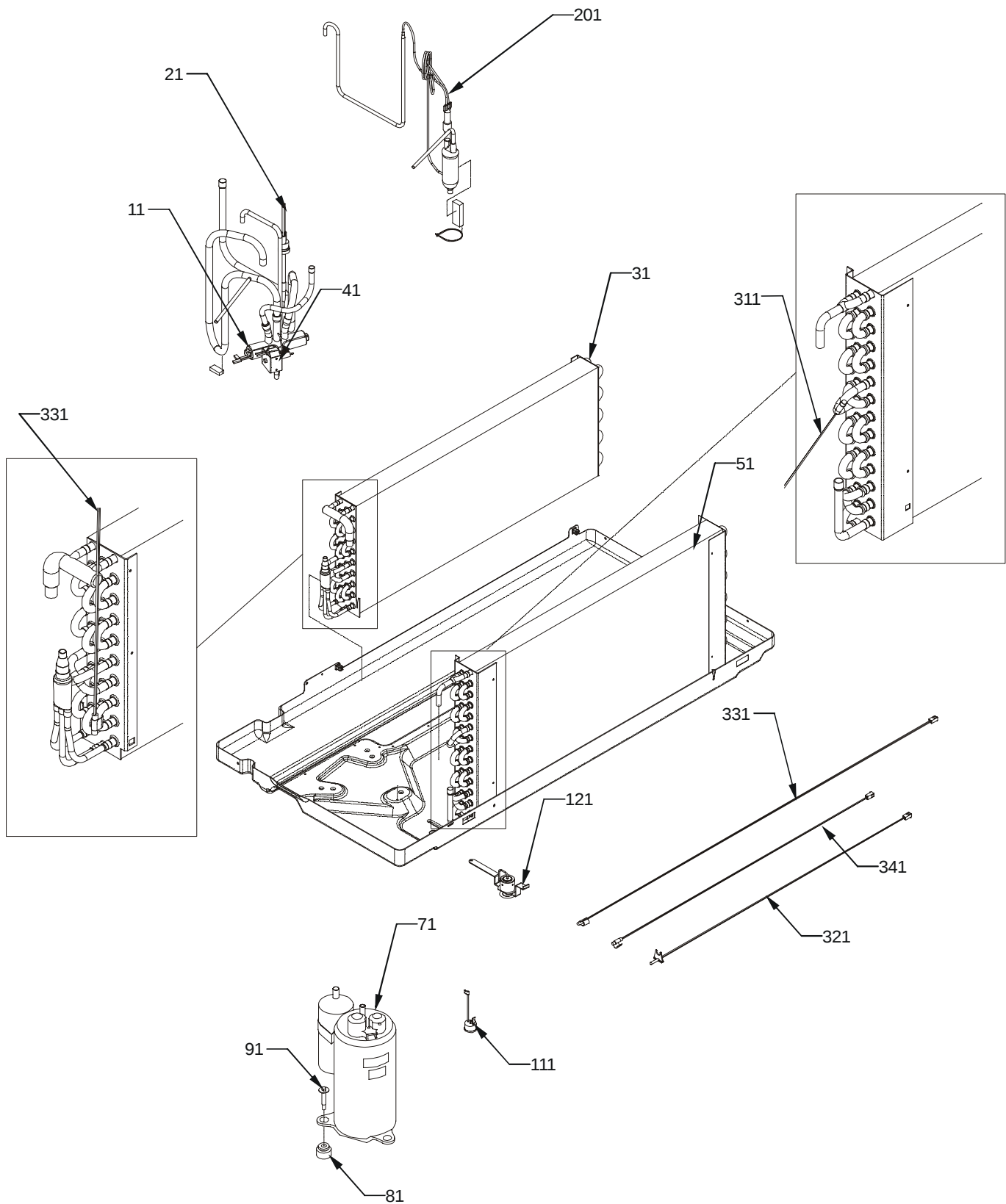
Image 1:

21	0270P00938DG	SCROLL ASSY, PNT
31	0161P00021	END CAP, RIGHT
31	0130P00054	MEMBRANE (CONTROL)
41	0161P00022	END CAP, LEFT
51	0275P00015	HEATER ASSY 2.5KW 265V (M1, M3, M6)
51	0275P00014	HEATER ASSY 3.7KW 265V (M2, M4, M5, M7, M8)
61	0150P00003	WHEEL, BLOWER
71	0131P00010	FAN MOTOR, INDOOR 265V (M1, M2, M3, M4, M5, M6, M7)
71	0131P00011	FAN MOTOR, INDOOR 265V (M8)
81	0121P00048	BRACKET-MOTOR MOUNT

Expanded Model Nomenclature

M1 - PTH074E25AXXXAB
M2 - PTH074E35AXXXAB
M3 - PTH094E25AXXXAB
M4 - PTH094E35AXXXAB
M5 - PTH094E35RXXXAB
M6 - PTH124E25AXXXAB
M7 - PTH124E35AXXXAB
M8 - PTH154E35AXXXAA

Tubing Assy



Tubing Assy

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>			
11	0151P00001		REVERSING VALVE ASSY-265V (M1, M2, M3, M4, M6, M7, M8)
21	0130M00066		SWITCH, HIGH PRESS (M5)
31	0202P00067		EVAP ASSY, 3/8, 2 ROW (M1, M2, M5)
31	0202P00065		EVAP ASSY, 5/16, 3 ROW (M3, M4, M6, M7, M8)
41	0130P00024		REVERSING VALVE COIL
51	0201P00082S		COND ASSY, 5/16, 2 ROW (M1, M2, M5)
51	0201P00079DGS		CONDENSER ASSY (M3, M4, M6, M7, M8)
71	44A207A		COMPRESSOR, RECHI (M3, M4, M5)
71	39A167A		COMPRESSOR, RECHI (M1, M2)
71	44A287A		COMPRESSOR, RECHI (M6, M7)
71	50A367Q		COMPRESSOR, RECHI (M8)
81	A3448602		COMPRESSOR GROMMET (M8)
81	60130203		GROMMET - RECHI COMPRESSOR (M3, M4, M5, M6, M7)
81	60110202		GROMMET - RECHI COMPRESSOR (M1, M2)
91	M0227803		SCREW-TC (QTY 3)
111	60343516		OVERLOAD PROTECTOR (M3, M4, M5)
111	60343525		OVERLOAD PROTECTOR (M8)
111	60343539		OVERLOAD PROTECTOR (M6, M7)
111	60343547		OVERLOAD PROTECTOR (M1, M2)
201	0210P00123		CAPILLARY WELDMENT (M5)
201	0210P00124		CAPILLARY WELDMENT (M3, M4)
201	0210P00152		CAPILLARY WELDMENT (M8)
201	0210P00181		CAPILLARY WELDMENT (M1, M2)
311	20295711		THERMISTOR (M3, M4, M6, M7, M8)
311	20295709		THERMISTOR-HEAT PUMP (M1, M2)
321	0130P00046		THERMISTOR-INDOOR AMBIENT (M1, M2, M5)
321	0130P00047		THERMISTOR-INDOOR AMBIENT (M3, M4, M6, M7, M8)
331	0130P00038		THERMISTOR-DISCHARGE
331	0130P00033		THERMISTOR-INDOOR COIL (M3, M4, M6, M7, M8)
331	20295707		THERMISTOR-INDOOR COIL (M1, M2, M5)
NS	BT1392310		PLASTIC CLAMP, .1875 DIA

Expanded Model Nomenclature

M1 - PTH074E25AXXXAB
M2 - PTH074E35AXXXAB
M3 - PTH094E25AXXXAB
M4 - PTH094E35AXXXAB
M5 - PTH094E35RXXXAB
M6 - PTH124E25AXXXAB
M7 - PTH124E35AXXXAB
M8 - PTH154E35AXXXAA