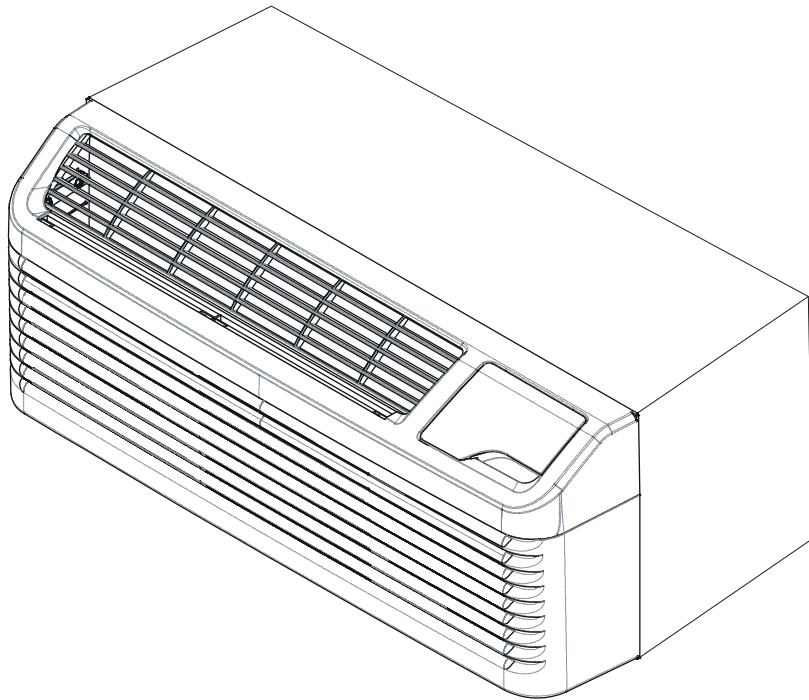


REPAIR PARTS

PTC Series R410A 265V Coolers

PTC074E35AXXXAB
PTC094E25AXXXAB
PTC094E35AXXXAB
PTC124E35AXXXAB
PTC154E35AXXXAA



This manual is to be used by qualified technicians only.

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Important Information

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Functional Parts List	3
Illustration and Parts	4 - 13

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.

2-21-13 Corrections: Removed CAP010000440RP from PTC124E35AXXXAB

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:

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

SPECIAL PARTS

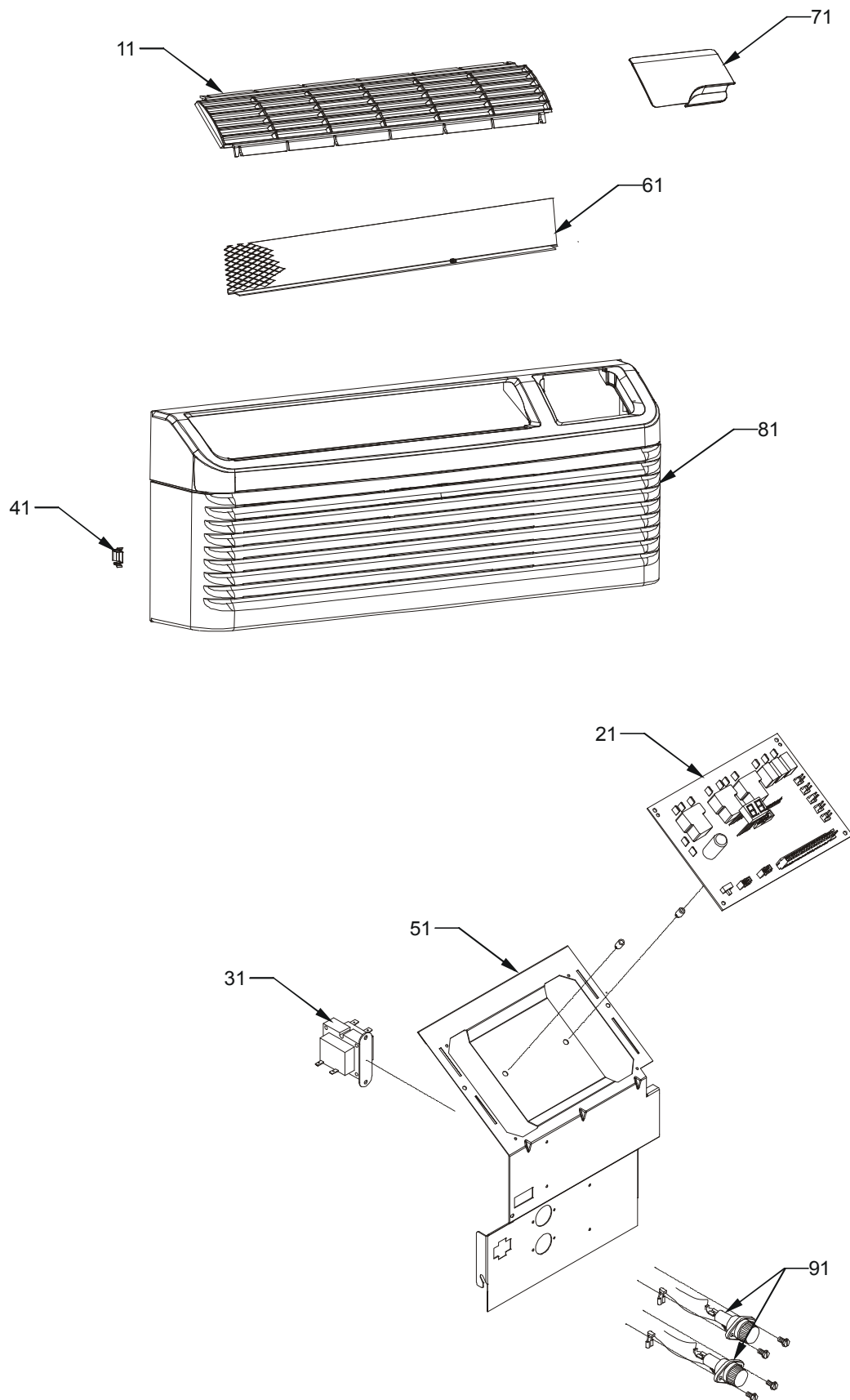
IO-723 INSUL OWNER MANUAL

IO-728A INSUL, INSTALL

Expanded Model Nomenclature

M1 - PTC074E35AXXXAB
M2 - PTC094E25AXXXAB
M3 - PTC094E35AXXXAB
M4 - PTC124E35AXXXAB
M5 - PTC154E35AXXXAA

Front Assy



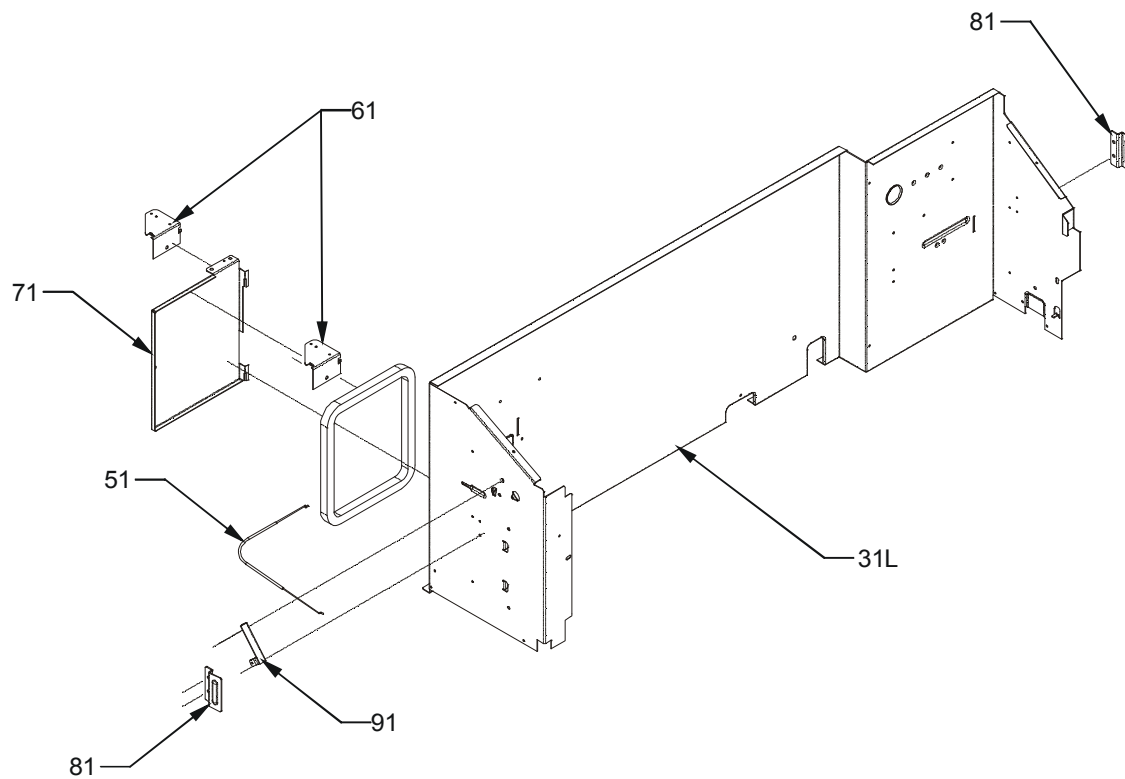
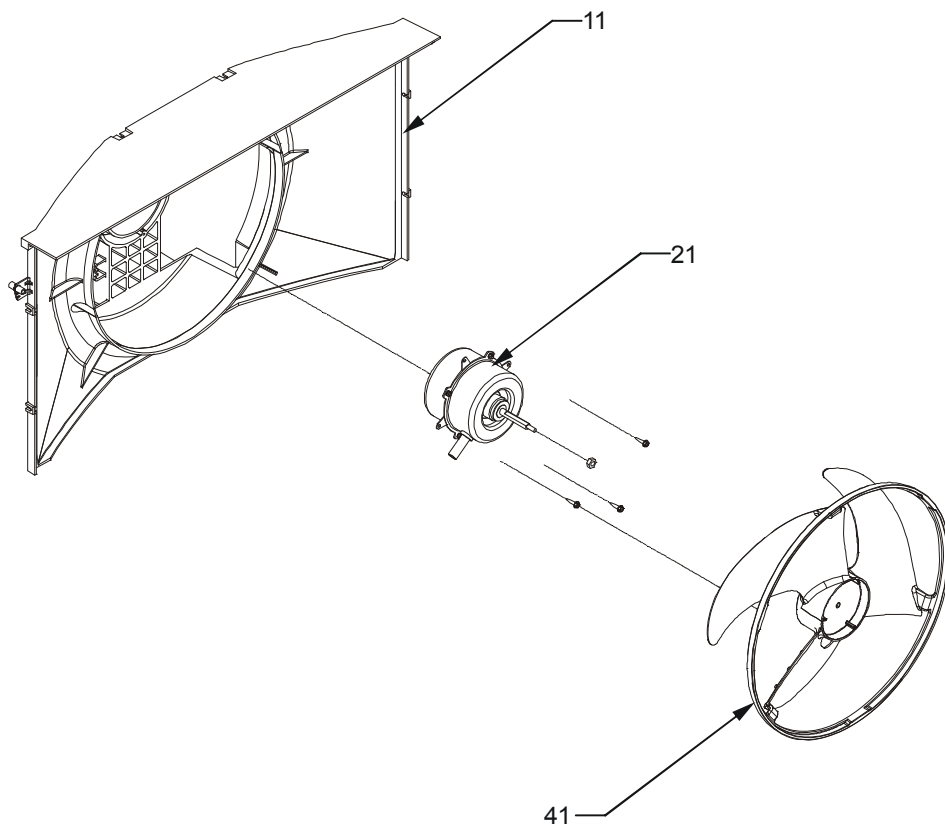
Front Assy

Ref. Part			Ref. Part		
No:	No:	Description:	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			

Expanded Model Nomenclature

M1 - PTC074E35AXXXAB
M2 - PTC094E25AXXXAB
M3 - PTC094E35AXXXAB
M4 - PTC124E35AXXXAB
M5 - PTC154E35AXXXAA

Chassis Control Panel



Chassis Control Panel

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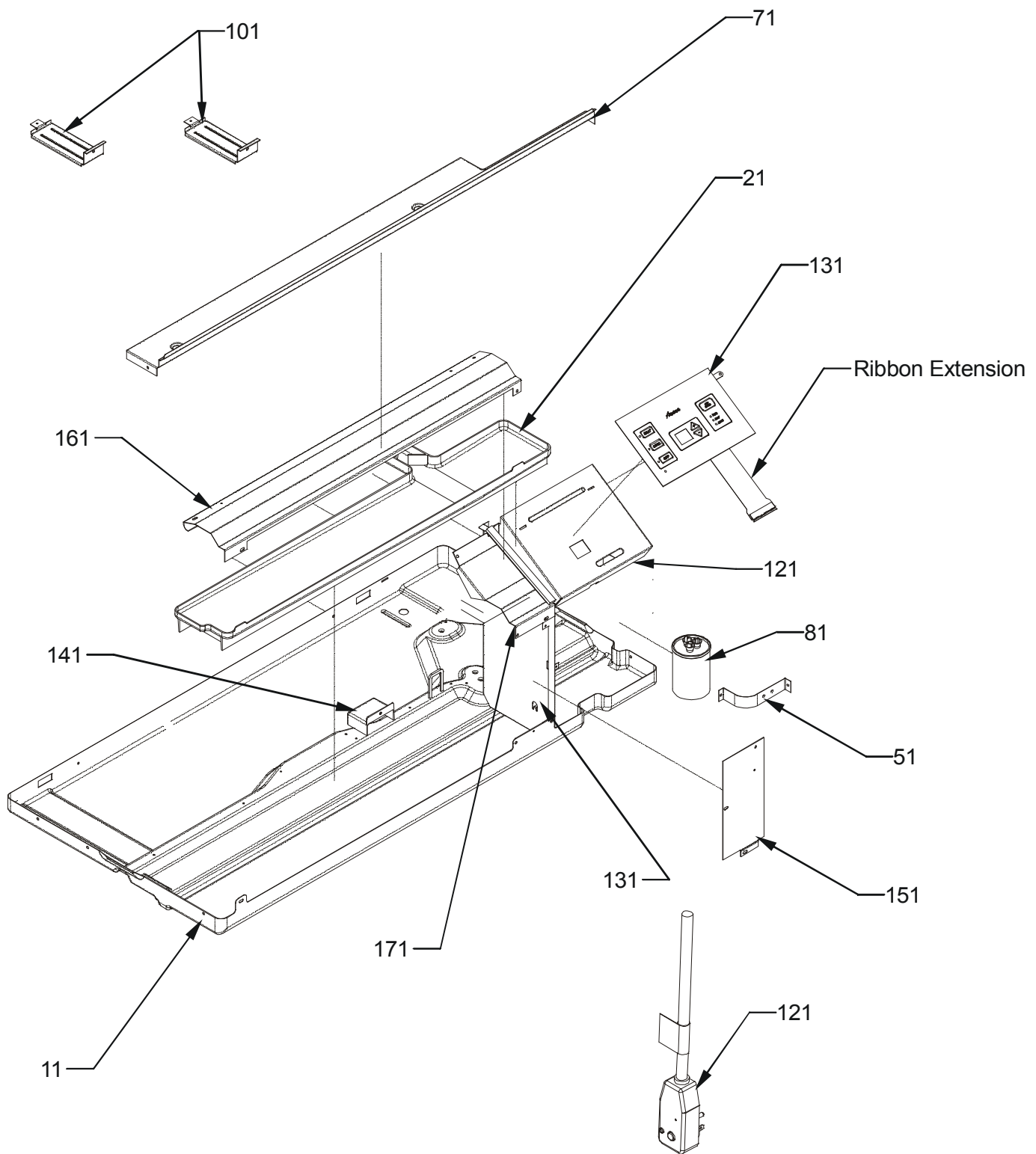
Image 1:

11	0161P00026	SHROUD, CONDENSER
21	0131P00017	FAN MOTOR OUTDOOR (M1, M2, M3, M4)
21	0131P00009	FAN MOTOR, OUTDOOR (M5)
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 - PTC074E35AXXXAB
M2 - PTC094E25AXXXAB
M3 - PTC094E35AXXXAB
M4 - PTC124E35AXXXAB
M5 - PTC154E35AXXXAA

Partition Assy



Partition Assy

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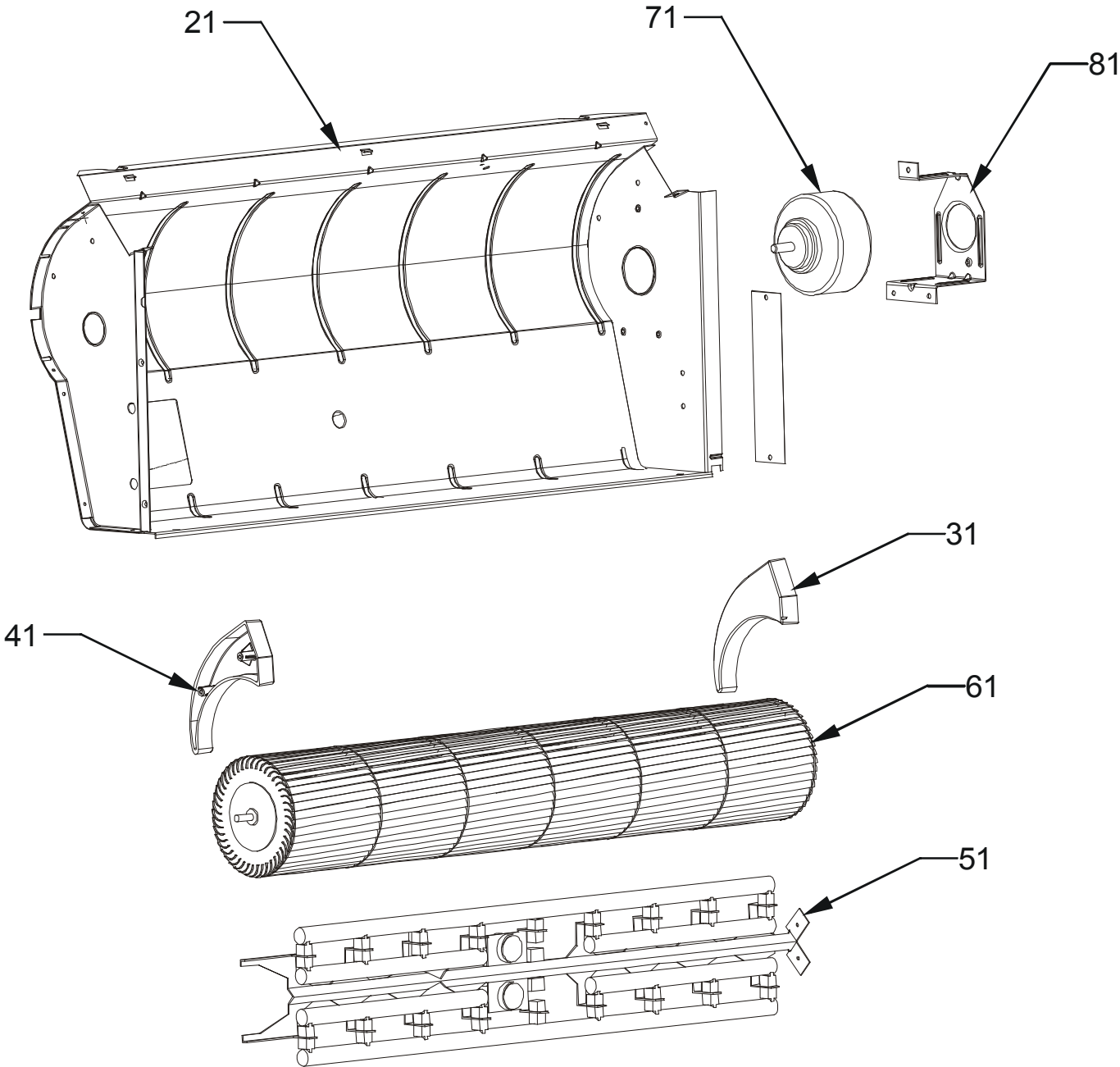
Image 1:

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

Expanded Model Nomenclature

M1 - PTC074E35AXXXAB
M2 - PTC094E25AXXXAB
M3 - PTC094E35AXXXAB
M4 - PTC124E35AXXXAB
M5 - PTC154E35AXXXAA

Indoor Assy



Indoor Assy

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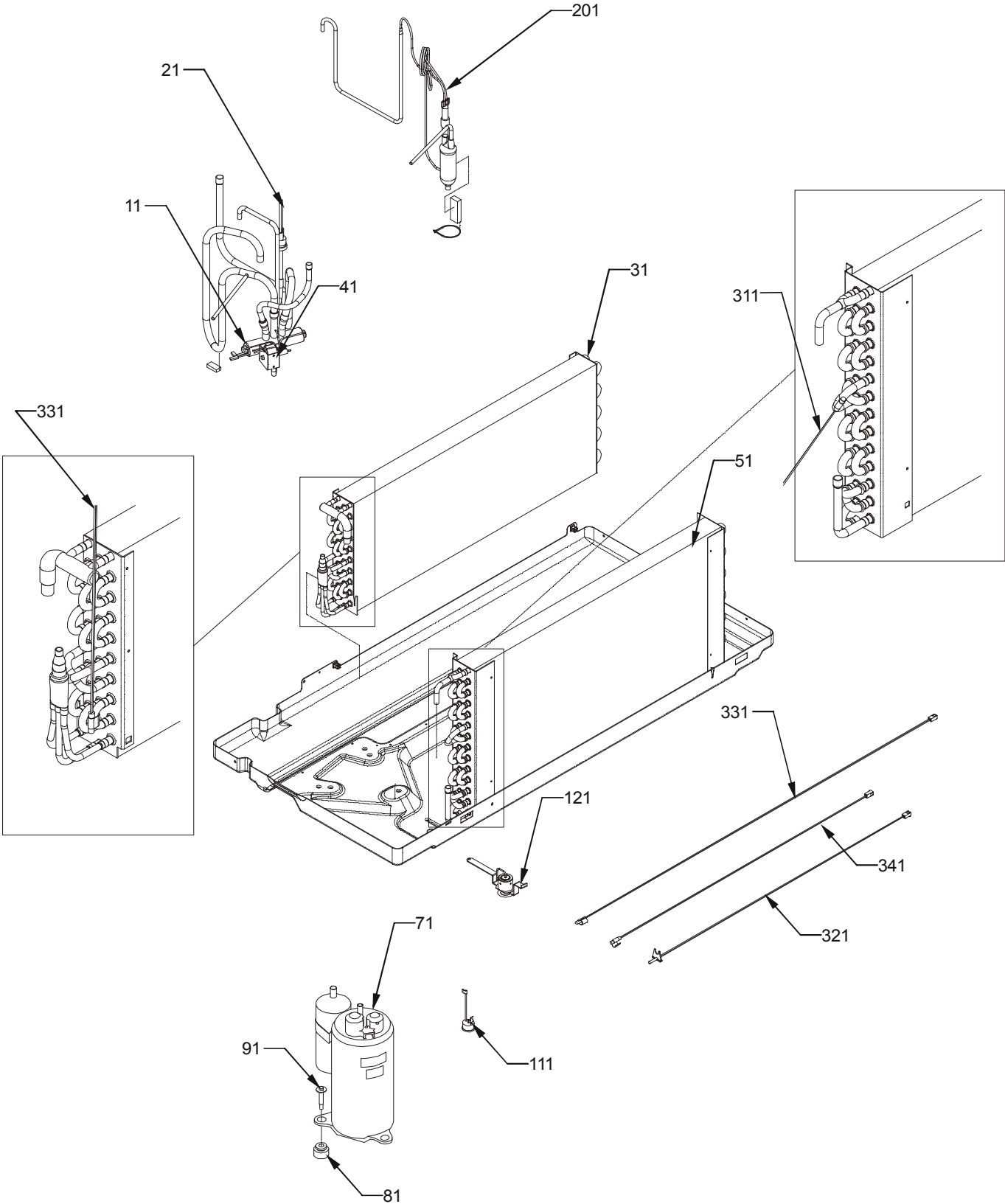
Image 1:

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 (M2)
51	0275P00014	HEATER ASSY 3.7KW 265V (M1, M3, M4, M5)
61	0150P00003	WHEEL, BLOWER
71	0131P00010	FAN MOTOR, INDOOR 265V (M1, M2, M3, M4)
71	0131P00011	FAN MOTOR, INDOOR 265V (M5)
81	0121P00048	BRACKET-MOTOR MOUNT

Expanded Model Nomenclature

M1 - PTC074E35AXXXAB
M2 - PTC094E25AXXXAB
M3 - PTC094E35AXXXAB
M4 - PTC124E35AXXXAB
M5 - PTC154E35AXXXAA

Tubing Assy



Tubing Assy

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>			
21	0130M00066		SWITCH, HIGH PRESS
31	0202P00067		EVAP ASSY, 3/8, 2 ROW (M1, M2, M3)
31	0202P00065		EVAP ASSY, 5/16, 3 ROW (M4, M5)
51	0201P00082		COND ASSY, 5/16, 2 ROW (M1, M2, M3)
51	0201P00079		CONDENSER ASSY (M4, M5)
71	44A207A		COMPRESSOR, RECHI (M2, M3)
71	39A167A		COMPRESSOR, RECHI (M1)
71	44A287A		COMPRESSOR, RECHI (M4)
71	50A367Q		COMPRESSOR, RECHI (M5)
81	A3448602		COMPRESSOR GROMMET (M5)
81	60130203		GROMMET - RECHI COMPRESSOR (M2, M3, M4)
81	60110202		GROMMET - RECHI COMPRESSOR (M1)
91	M0227803		SCREW-TC (QTY 3)
111	60343516		OVERLOAD PROTECTOR (M2, M3)
111	60343525		OVERLOAD PROTECTOR (M5)
111	60343539		OVERLOAD PROTECTOR (M4)
111	60343547		OVERLOAD PROTECTOR (M1)
201	0210P00179		CAPILLARY WELD (M1)
201	0210P00123		CAPILLARY WELDMENT (M2, M3)
201	0210P00153		CAPILLARY WELDMENT (M5)
201	0210P00180		CAPILLARY WELDMENT (M4)
321	0130P00046		THERMISTOR-INDOOR AMBIENT (M1, M2, M3)
321	0130P00047		THERMISTOR-INDOOR AMBIENT (M4, M5)
331	0130P00038		THERMISTOR-DISCHARGE
331	0130P00033		THERMISTOR-INDOOR COIL (M4, M5)
331	20295707		THERMISTOR-INDOOR COIL (M1, M2, M3)
NS	BT1392310		PLASTIC CLAMP, .1875 DIA

Expanded Model Nomenclature

M1 - PTC074E35AXXXAB
M2 - PTC094E25AXXXAB
M3 - PTC094E35AXXXAB
M4 - PTC124E35AXXXAB
M5 - PTC154E35AXXXAA