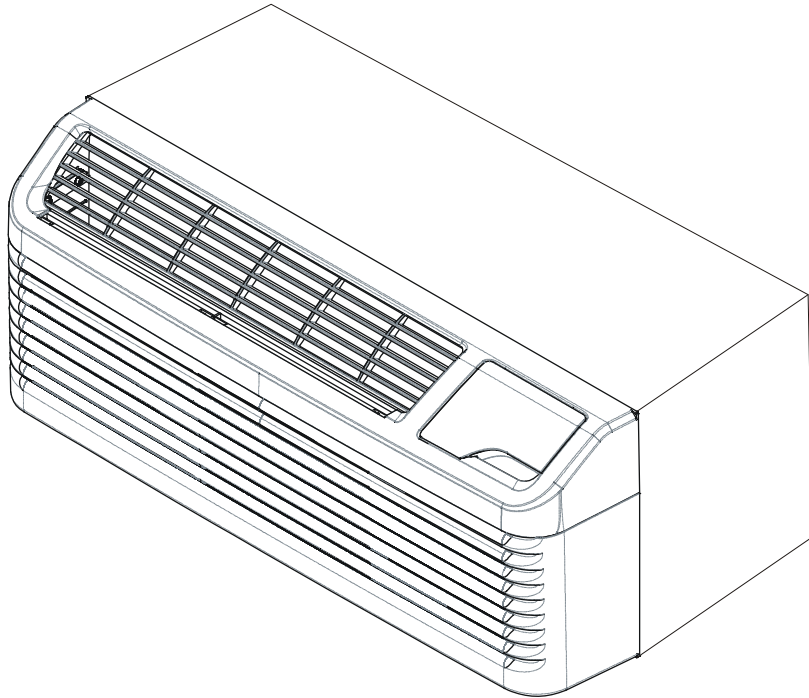


REPAIR PARTS

PTH093G Series PTAC Heat Pump

PTH093G25AXXXAA
PTH093G25CXXXAA
PTH093G25DRXXAA
PTH093G25DXXXAA
PTH093G25RXXXAA
PTH093G25VXXXAB
PTH093G35AXXXAA
PTH093G35CRXXAA
PTH093G35CXXXAA
PTH093G35DRXXAA
PTH093G35DXXXAA
PTH093G35PXXXAA
PTH093G35QRXXAA
PTH093G35QXXXAA
PTH093G35RXXXAA
PTH093G35VXXXAA
PTH093G50AXXXAA
PTH093G50CXXXAA
PTH093G50DXXXAA
PTH093G50RXXXAA
PTH093G50VXXXAA



This manual is to be used by qualified technicians only.

This manual replaces RP-733.

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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.

Rev A: Addition of PTH093G25VXXXAB

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:

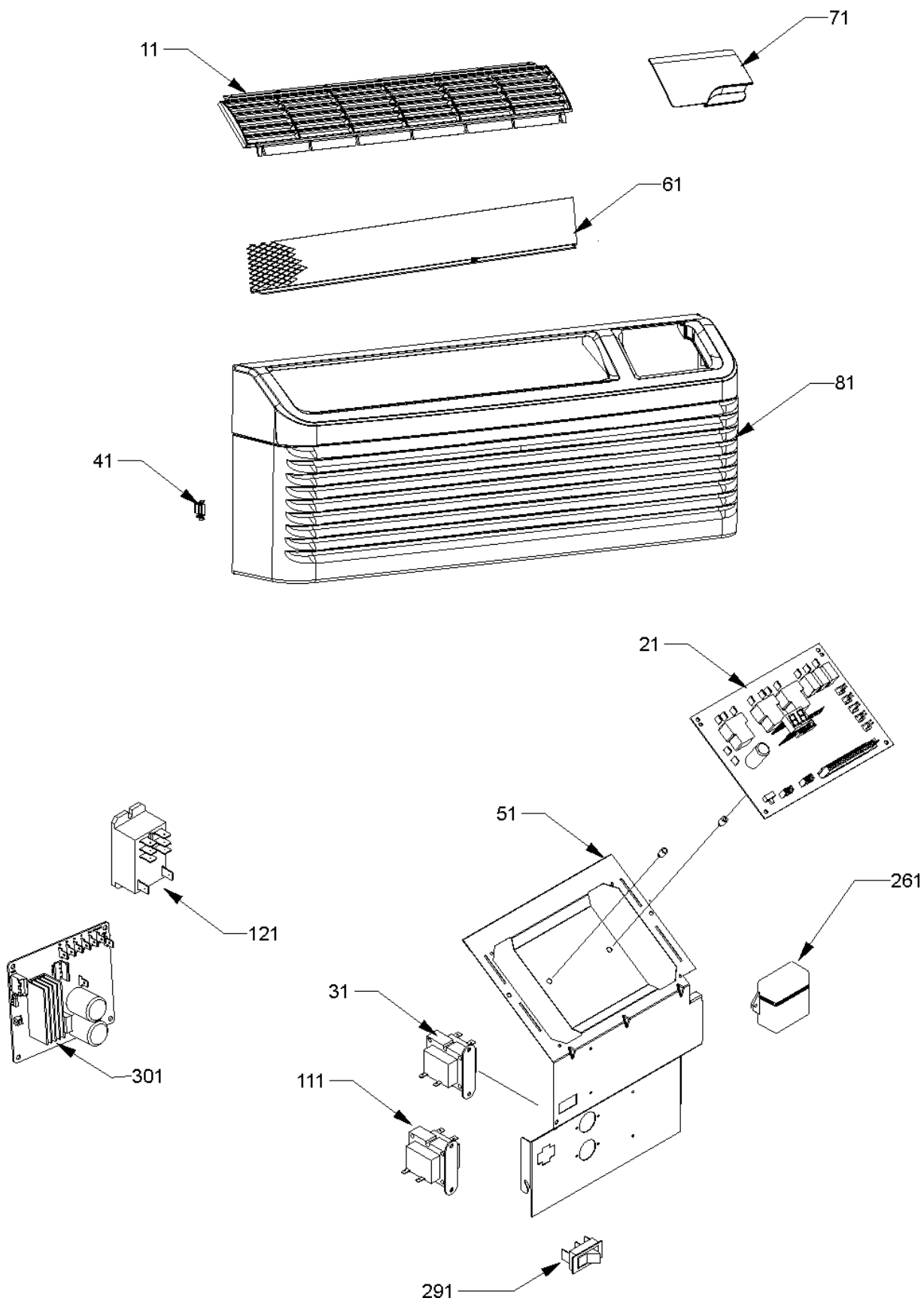
Description:

CAP020250450RS	CAP, 2/25 MFD/450V/DUAL RD
44A202A	COMPRESSOR, RECHI
RSKP0010	CONTROL BOARD M61
RSKP0005	CONTROL PANEL COVER AND MEMBRANE
0130P00059	CORD, 250VAC, 15A (LCD) (M1, M2, M3, M4, M5, M6)
0130P00058	CORD, 250VAC, 20A (LCD) (M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)
0130P00061	CORD, 250VAC, 30A (LCD) (M17, M18, M19, M20, M21)
0131P00029	FAN MOTOR, INDOOR
0131P00027	FAN MOTOR, OUTDOOR (M1, M2, M3, M4, M5, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21)
0131P00033	FAN MOTOR, OUTDOOR (M6)
0161P00030	FAN, CONDENSER
0275P00019	HEATER ASSY (M1, M2, M3, M4, M5, M6)
0275P00038	HEATER ASSY (M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)
0275P00039	HEATER ASSY (M17, M18, M19, M20, M21)
0130M00132	HIGH PRESSURE SWITCH
60343539	OVERLOAD PROTECTOR
0130M00096	RELAY
C8873917	RELAY (HYDRONIC) (M12)
C8873932	RELAY (POWER VENT) (M3, M4, M6, M10, M11, M16, M19, M21)
0151P00000	REVERSING VALVE ASSY-230V
0130P00077	THERMISTOR (M3, M5, M8, M10, M13, M15, M20)
0130P00098	THERMISTOR (M3, M5, M8, M10, M13, M15, M20)
0130P00074	THERMISTOR
0130P00093	THERMISTOR
0130P00075	THERMISTOR - DISCHARGE
0130P00086	THERMISTOR - INDOOR COIL
0130M00078	TRANSFORMER (M12)
B1378501	TRANSFORMER (M3, M4, M6, M10, M11, M16, M19, M21)
20512501	TRANSFORMER (HYDRONIC)
PCBEP100	VARIABLE SPEED TERMINAL BOARD
0150P00004	WHEEL, BLOWER

Expanded Model Nomenclature

M1 - PTH093G25AXXXAA
M2 - PTH093G25CXXXAA
M3 - PTH093G25DRXXAA
M4 - PTH093G25DXXXAA
M5 - PTH093G25RXXXAA
M6 - PTH093G25VXXXAB
M7 - PTH093G35AXXXAA
M8 - PTH093G35CRXXAA
M9 - PTH093G35CXXXAA
M10 - PTH093G35DRXXAA
M11 - PTH093G35DXXXAA
M12 - PTH093G35PXXXAA
M13 - PTH093G35QRXXAA
M14 - PTH093G35QXXXAA
M15 - PTH093G35RXXXAA
M16 - PTH093G35VXXXAA
M17 - PTH093G50AXXXAA
M18 - PTH093G50CXXXAA
M19 - PTH093G50DXXXAA
M20 - PTH093G50RXXXAA
M21 - PTH093G50VXXXAA

Front Assy



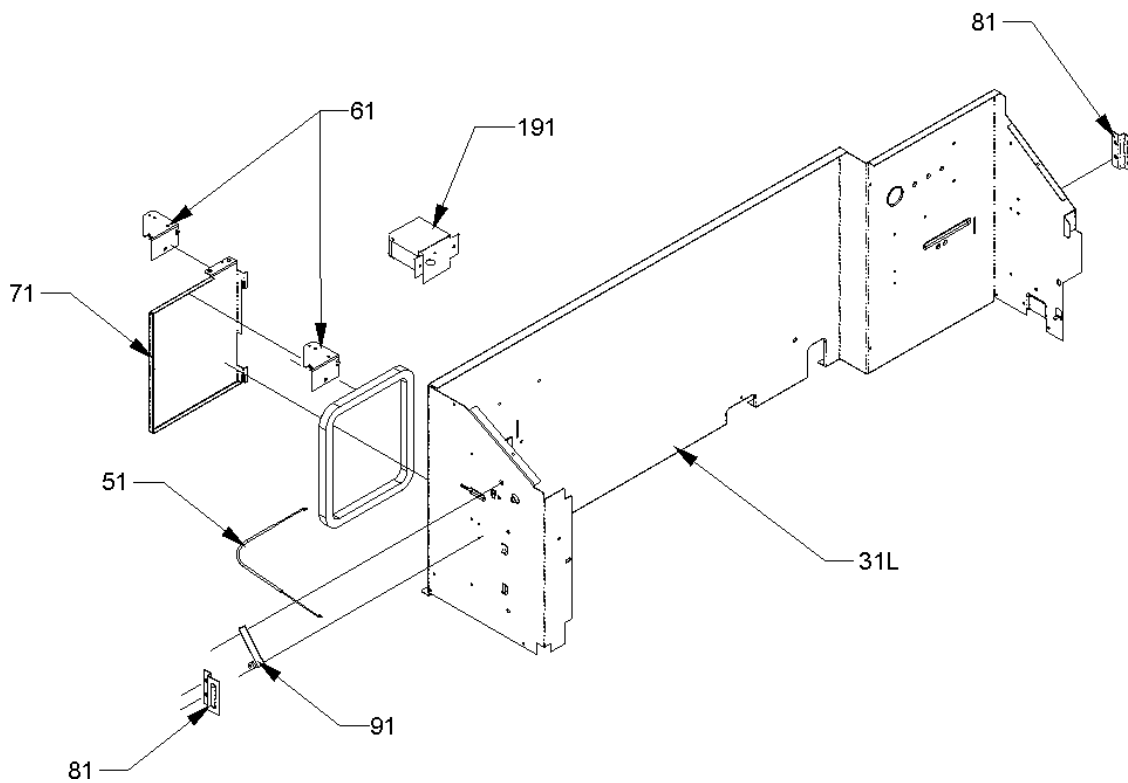
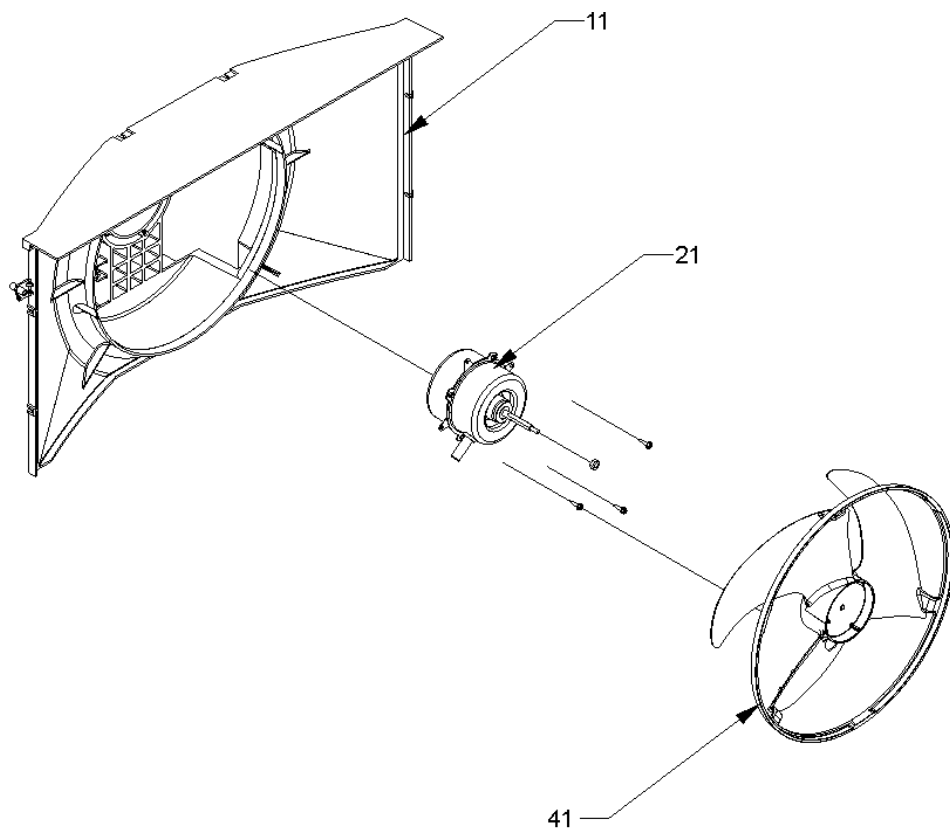
Front Assy

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>			
11	0161P00033		FRONT-DICHARGE LOUVERS
21	RSKP0010		CONTROL BOARD M61
31	20512501		TRANSFORMER (HYDRONIC)
41	0163P00025		CLIP (QTY 2)
51	0121P00001P		CONTROL PANEL COVER
61	0121P00073		SCREEN, DISCHARGE
71	0261P00003		DOOR ASSY -AMANA-
81	0261P00011		FRONT ASSY
111	0130M00078		TRANSFORMER (M12)
111	B1378501		TRANSFORMER (M3, M4, M6, M10, M11, M16, M19, M21)
121	0130M00096		RELAY
121	C8873917		RELAY (HYDRONIC) (M12)
121	C8873932		RELAY (POWER VENT) (M3, M4, M6, M10, M11, M16, M19, M21)
261	1261401		DIGITENNA (M3, M5, M8, M10, M13, M15, M20)
291	B1337701		PADDLE SWITCH (M3, M4, M6, M10, M11, M16, M19, M21)
301	PCBEP100		VARIABLE SPEED TERMINAL BOARD
NS	0161P00035		FILTER, RACK (QTY 2)
NS	B1160701		TERMINAL BOARD (M3, M4, M6, M10, M11, M16, M19, M21)

Expanded Model Nomenclature

M1 - PTH093G25AXXXAA
 M2 - PTH093G25CXXXAA
 M3 - PTH093G25DRXXAA
 M4 - PTH093G25DXXXAA
 M5 - PTH093G25RXXXAA
 M6 - PTH093G25VXXXAB
 M7 - PTH093G35AXXXAA
 M8 - PTH093G35CRXXAA
 M9 - PTH093G35CXXXAA
 M10 - PTH093G35DRXXAA
 M11 - PTH093G35DXXXAA
 M12 - PTH093G35PXXXAA
 M13 - PTH093G35QRXXAA
 M14 - PTH093G35QXXXAA
 M15 - PTH093G35RXXXAA
 M16 - PTH093G35VXXXAA
 M17 - PTH093G50AXXXAA
 M18 - PTH093G50CXXXAA
 M19 - PTH093G50DXXXAA
 M20 - PTH093G50RXXXAA
 M21 - PTH093G50VXXXAA

Chassis Control Panel



Chassis Control Panel

**Ref. Part
No: No:**

Description:

**Ref. Part
No: No:**

Description:

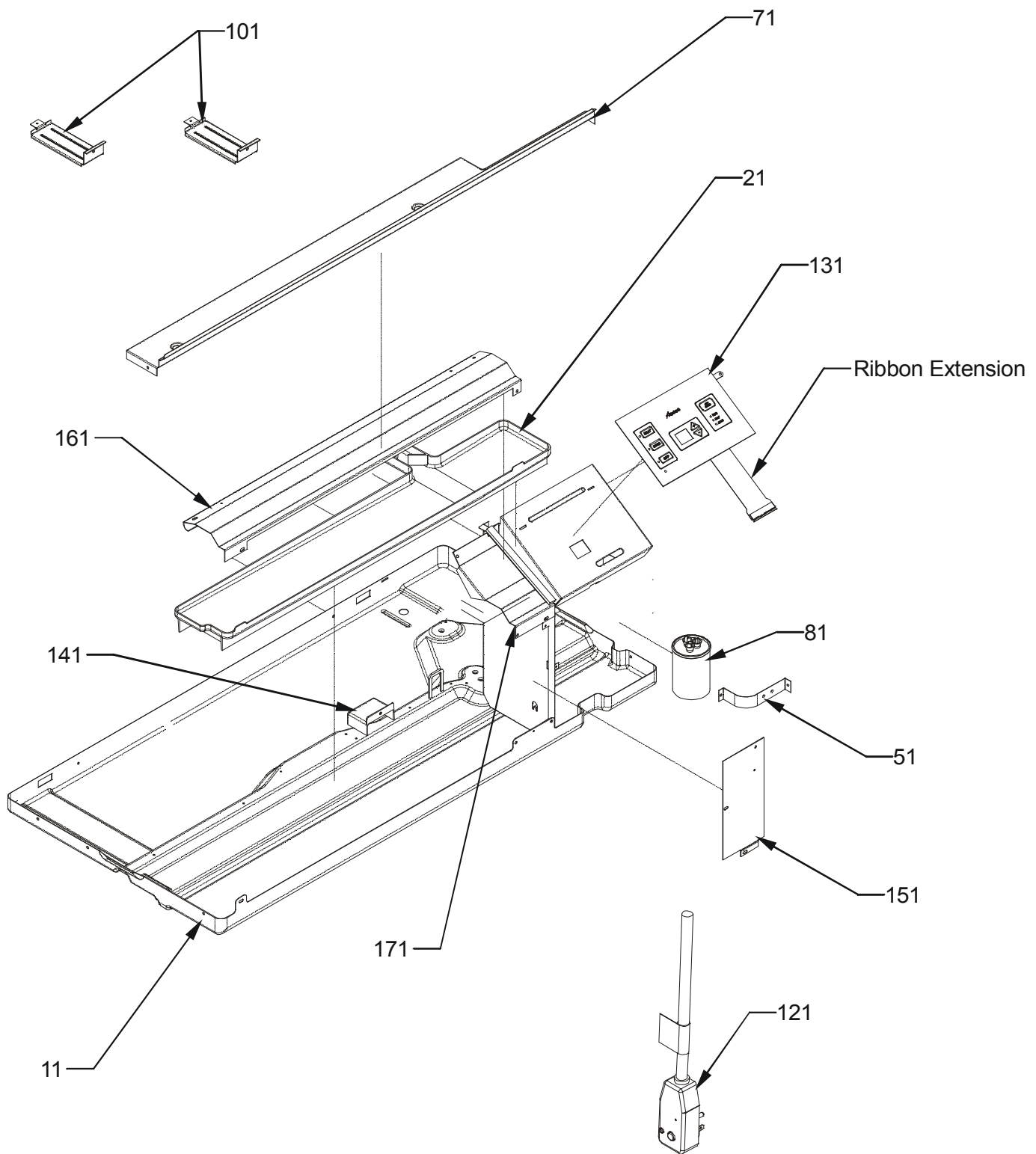
Image 1:

11	0161P00026	SHROUD, CONDENSER
21	0131P00027	FAN MOTOR, OUTDOOR (M1, M2, M3, M4, M5, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21)
21	0131P00033	FAN MOTOR, OUTDOOR (M6)
31	0121P00093	PANEL-PARTITION (M13, M14)
31	0121P00089DG	PANEL-PARTITION PNT (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M15, M16, M17, M18, M19, M20, M21)
41	0161P00030	FAN, CONDENSER
51	0163P00019	CABLE
61	0121P00079	BRACKET, VENT DOOR (M3, M4, M6, M10, M11, M16, M19, M21)
61	0121P00072DG	BRACKET, VENT DOOR-C (M1, M2, M5, M7, M8, M9, M12, M15, M17, M18, M20)
61	0121P00080	BRKT, POWER VENT (M3, M4, M6, M10, M11, M16, M19, M21)
61	11166101	POWER VENT MOTOR BRACKET (M3, M4, M6, M10, M11, M16, M19, M21)
71	11046105PDG	VENT DOOR (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M15, M16, M17, M18, M19, M20, M21)
81	11191703	PARTITION PANEL BRACKET (QTY 2)
91	11046302	LEVER ARM (M1, M2, M5, M7, M8, M9, M12, M15, M17, M18, M20)
191	0270P00997	POWER DOOR ASSY (M3, M4, M10, M11, M19)
NS	11166401	EXTENSION SPRING (M3, M4, M6, M10, M11, M16, M19, M21)
NS	11166201	POWER VENT COVER BRACKET (M3, M4, M6, M10, M11, M16, M19, M21)
NS	11172801	POWER VENT MOTOR (M3, M4, M6, M10, M11, M16, M19, M21)
NS	0130P00098	THERMISTOR (M3, M5, M8, M10, M13, M15, M20)

Expanded Model Nomenclature

M1 - PTH093G25AXXXAA
M2 - PTH093G25CXXXAA
M3 - PTH093G25DRXXAA
M4 - PTH093G25DXXXAA
M5 - PTH093G25RXXXAA
M6 - PTH093G25VXXXAB
M7 - PTH093G35AXXXAA
M8 - PTH093G35CRXXAA
M9 - PTH093G35CXXXAA
M10 - PTH093G35DRXXAA
M11 - PTH093G35DXXXAA
M12 - PTH093G35PXXXAA
M13 - PTH093G35QRXXAA
M14 - PTH093G35QXXXAA
M15 - PTH093G35RXXXAA
M16 - PTH093G35VXXXAA
M17 - PTH093G50AXXXAA
M18 - PTH093G50CXXXAA
M19 - PTH093G50DXXXAA
M20 - PTH093G50RXXXAA
M21 - PTH093G50VXXXAA

Partition Assy



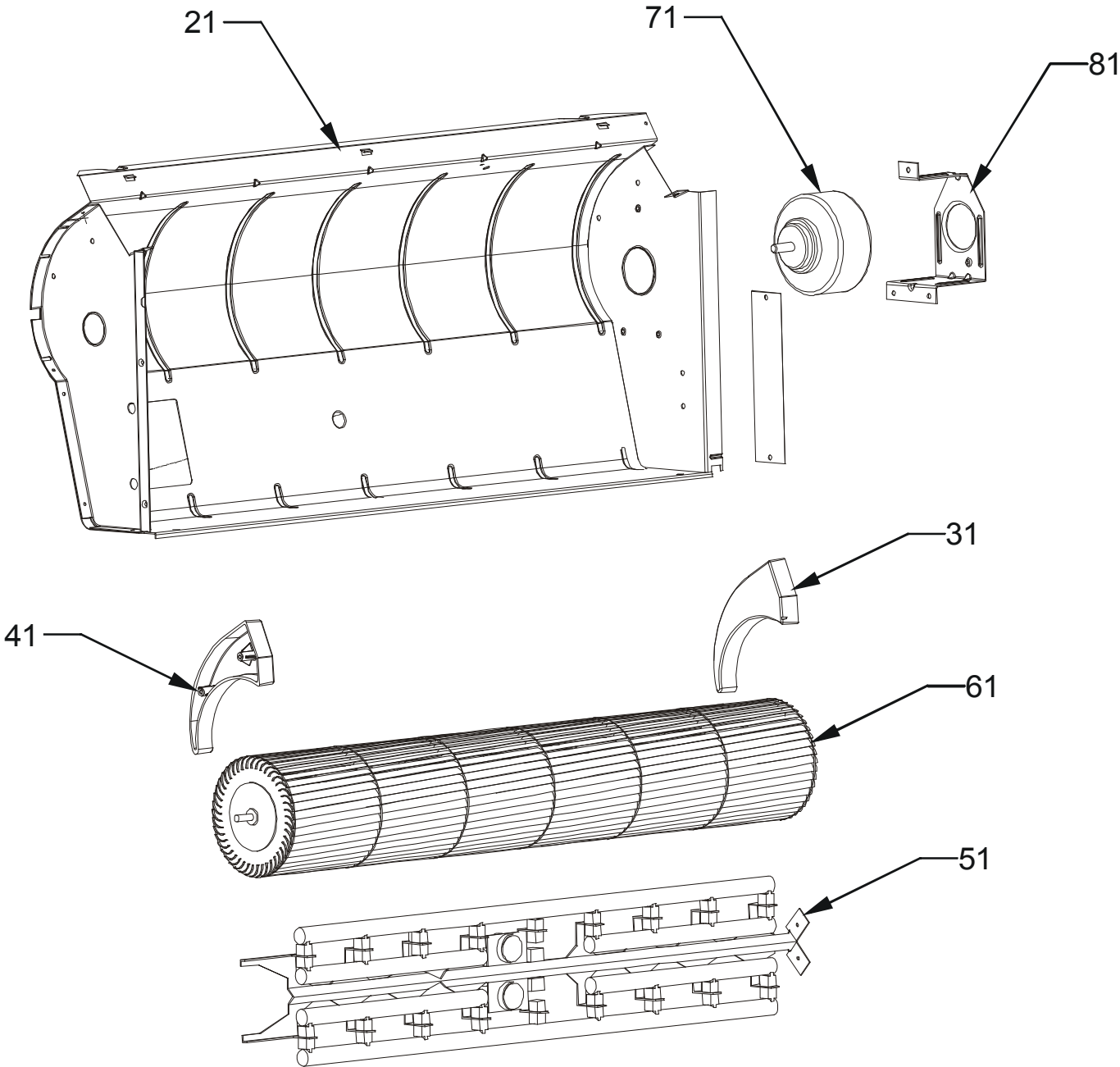
Partition Assy

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>			
11	0121P00056DG		BASEPAN, PNT
21	0161P00044		PLASTIC-DRAIN PAN
51	C6300502		CAPACITOR STRAP
71	0121P00063DG		TOP, PARTITION PANEL PNT
81	CAP020250450RS		CAP, 2/25 MFD/450V/DUAL RD
101	0121P00071DG		BRACE, TIE PNT (QTY 2)
121	0130P00059		CORD, 250VAC, 15A (LCD) (M1, M2, M3, M4, M5, M6)
121	0130P00058		CORD, 250VAC, 20A (LCD) (M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)
121	0130P00061		CORD, 250VAC, 30A (LCD) (M17, M18, M19, M20, M21)
131	RSKP0005		CONTROL PANEL COVER AND MEMBRANE
141	0161P00016		PLASTIC-HOOD
151	20410801		ACCESS COVER
161	0121P00061DG		CUTOFF-SCROLL DG
171	0121P00070DG		COVER, MOTOR PNT
NS	20403301		MID PARTITION PANEL
NS	20416201		SEAL-L SIDE PTC
NS	20416101		SEAL-R SIDE PTC

Expanded Model Nomenclature

M1 - PTH093G25AXXXAA
 M2 - PTH093G25CXXXAA
 M3 - PTH093G25DRXXAA
 M4 - PTH093G25DXXXAA
 M5 - PTH093G25RXXXAA
 M6 - PTH093G25VXXXAB
 M7 - PTH093G35AXXXAA
 M8 - PTH093G35CRXXAA
 M9 - PTH093G35CXXXAA
 M10 - PTH093G35DRXXAA
 M11 - PTH093G35DXXXAA
 M12 - PTH093G35PXXXAA
 M13 - PTH093G35QRXXAA
 M14 - PTH093G35QXXXAA
 M15 - PTH093G35RXXXAA
 M16 - PTH093G35VXXXAA
 M17 - PTH093G50AXXXAA
 M18 - PTH093G50CXXXAA
 M19 - PTH093G50DXXXAA
 M20 - PTH093G50RXXXAA
 M21 - PTH093G50VXXXAA

Indoor Assy



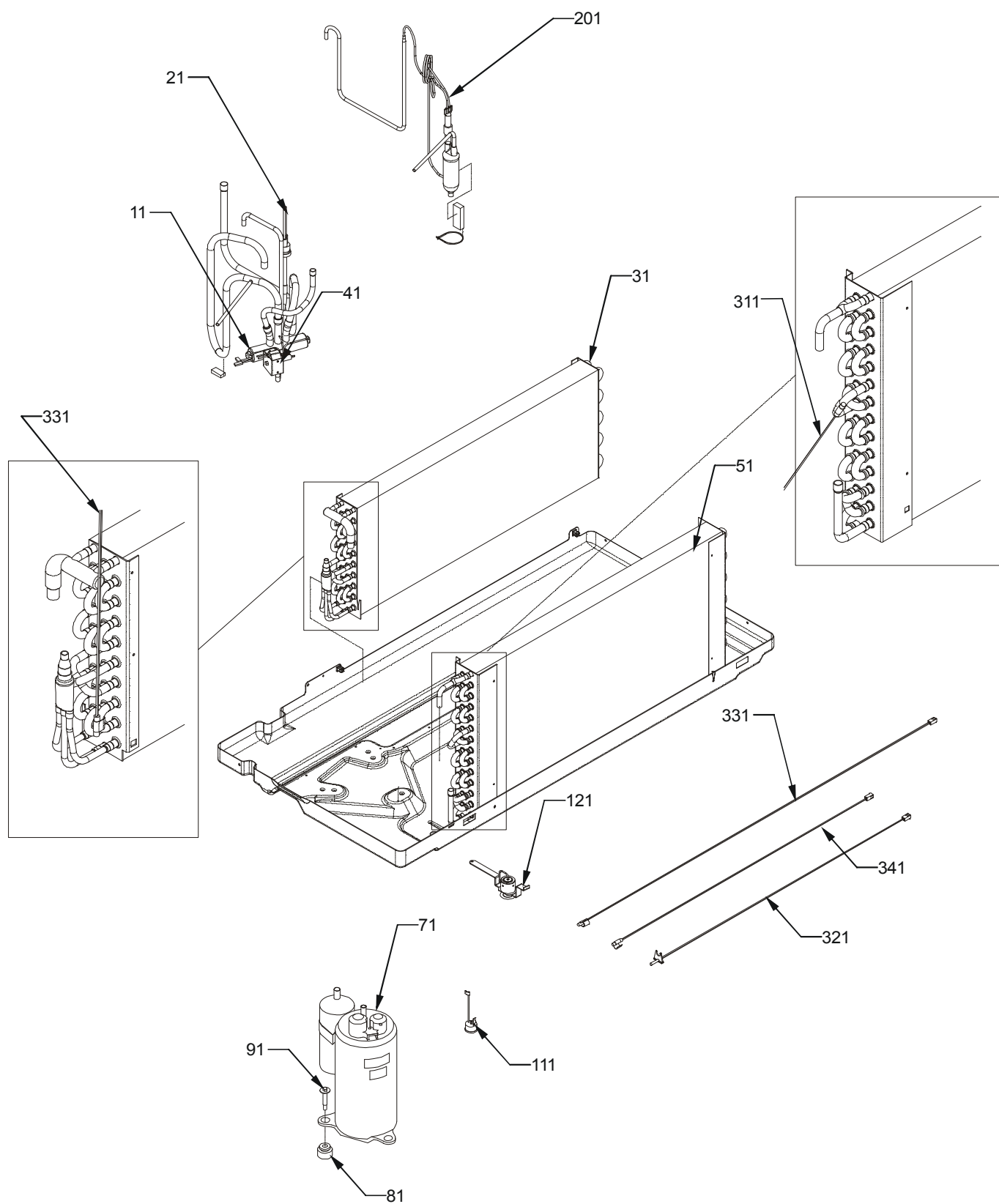
Indoor Assy

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>			
21	0270P01070		SCROLL ASSY
31	0161P00021		END CAP, RIGHT
41	0161P00022		END CAP, LEFT
51	0275P00019		HEATER ASSY (M1, M2, M3, M4, M5, M6)
51	0275P00038		HEATER ASSY (M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)
51	0275P00039		HEATER ASSY (M17, M18, M19, M20, M21)
61	0150P00004		WHEEL, BLOWER
71	0131P00029		FAN MOTOR, INDOOR
81	0121P00048		BRACKET-MOTOR MOUNT
NS	0163P00027		BEARING
NS	0130P00075		THERMISTOR - DISCHARGE

Expanded Model Nomenclature

M1 - PTH093G25AXXXAA
 M2 - PTH093G25CXXXAA
 M3 - PTH093G25DRXXAA
 M4 - PTH093G25DXXXAA
 M5 - PTH093G25RXXXAA
 M6 - PTH093G25VXXXAB
 M7 - PTH093G35AXXXAA
 M8 - PTH093G35CRXXAA
 M9 - PTH093G35CXXXAA
 M10 - PTH093G35DRXXAA
 M11 - PTH093G35DXXXAA
 M12 - PTH093G35PXXXAA
 M13 - PTH093G35QRXXAA
 M14 - PTH093G35QXXXAA
 M15 - PTH093G35RXXXAA
 M16 - PTH093G35VXXXAA
 M17 - PTH093G50AXXXAA
 M18 - PTH093G50CXXXAA
 M19 - PTH093G50DXXXAA
 M20 - PTH093G50RXXXAA
 M21 - PTH093G50VXXXAA

Tubing Assy



Tubing Assy

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

11	0151P00000	REVERSING VALVE ASSY-230V
21	0130M00132	HIGH PRESSURE SWITCH
31	0202P00065	EVAP ASSY, 5/16, 3 ROW
41	0210P00182	REVERSING VALVE WELDMENT
51	0201P00079	CONDENSER ASSY (M1, M3, M4, M5, M6, M7, M10, M11, M12, M13, M14, M15, M16, M17, M19, M20, M21)
51	0201P00083DG	CONDENSER ASSY PNT (M2, M8, M9, M18)
71	44A202A	COMPRESSOR, RECHI
81	60130203	GROMMET - RECHI COMPRESSOR (QTY 3)
91	0163M00079	SCREW, SHOULDER (QTY 3)
111	60343539	OVERLOAD PROTECTOR
121	20406303	BASE PAN VALVE
201	0210P00103	CAPILLARY WELDMENT
311	0130P00077	THERMISTOR (M3, M5, M8, M10, M13, M15, M20)
321	0130P00074	THERMISTOR
331	0130P00093	THERMISTOR
341	0130P00086	THERMISTOR - INDOOR COIL
NS	60500101	OLP SPRING - RECHI COMPRESSOR
NS	BT1392310	PLASTIC CLAMP, .1875 DIA (M3, M4, M6, M10, M11, M16, M19, M21)
NS	60100314	TERMINAL COVER - RECHI COMP
NS	60100103	TERMINAL GASKET
NS	60100401	TERMINAL NUT - RECHI COMP
NS	60100201	WASHER - RECHI COMPRESSOR

Expanded Model Nomenclature

M1 - PTH093G25AXXXAA
M2 - PTH093G25CXXXAA
M3 - PTH093G25DRXXAA
M4 - PTH093G25DXXXAA
M5 - PTH093G25RXXXAA
M6 - PTH093G25VXXXAB
M7 - PTH093G35AXXXAA
M8 - PTH093G35CRXXAA
M9 - PTH093G35CXXXAA
M10 - PTH093G35DRXXAA
M11 - PTH093G35DXXXAA
M12 - PTH093G35PXXXAA
M13 - PTH093G35QRXXAA
M14 - PTH093G35QXXXAA
M15 - PTH093G35RXXXAA
M16 - PTH093G35VXXXAA
M17 - PTH093G50AXXXAA
M18 - PTH093G50CXXXAA
M19 - PTH093G50DXXXAA
M20 - PTH093G50RXXXAA
M21 - PTH093G50VXXXAA