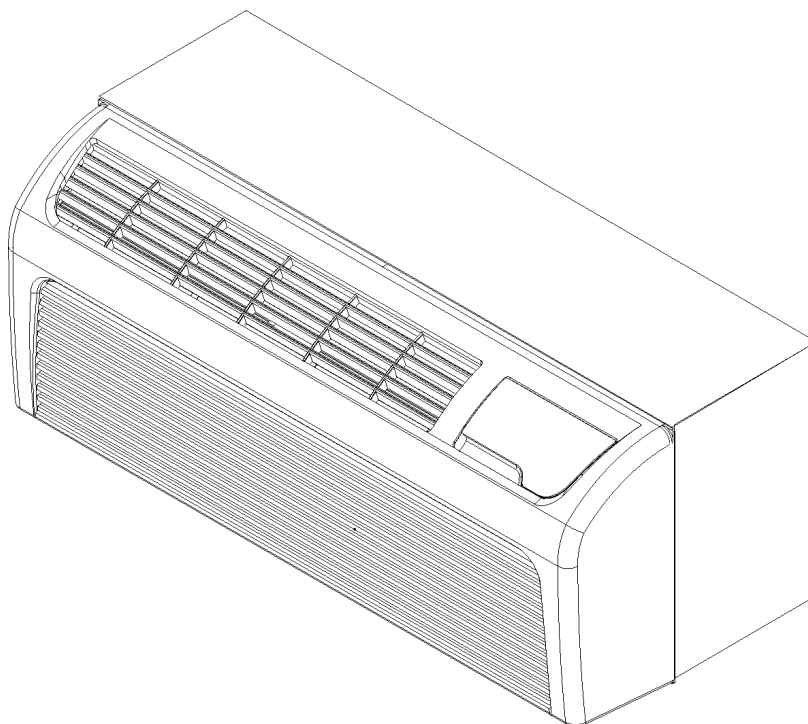


PTC*AW Packaged Terminal Air Conditioner

PTC073B25AWBM
PTC073B35AWBM
PTC074B35AWBM
PTC093B25AWBP
PTC093B35AWBP
PTC093B50AWBP
PTC094B35AWBP
PTC123B25AWBP
PTC123B35AWBP
PTC123B35CWBP
PTC123B50AWBP
PTC124B35AWBP
PTC153B35AWBM
PTC153B50AWBM
PTC154B35AWBM



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This manual is to be used by qualified technicians only.

This manual replaces RP-470A.

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Important Information

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Views shown are for parts illustrations only, not servicing procedures.

Rev. B: Added model PTC074B35AWBM.

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:

Consumer Affairs Department
Goodman 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 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

CAP050150370RSS	CAPACITOR 5/15/370V (M1, M2, M4, M5, M6)
CAP050150440RSS	CAPACITOR 5/15/440V (M3, M7)
CAP050250440RSS	CAPACITOR 5/25/440V (M12)
CAP050300370RSS	CAPACITOR 5/30/370V (M8, M9, M10, M11)
CAP050350370RSS	CAPACITOR 5/35/370V (M13, M14)
CAP050350440RSS	CAPACITOR 5/35/440V (M15)
D6926123H	COMPRESSOR 2K21T236B-UA (M13, M14)
D6926124H	COMPRESSOR 2K21T276A-UB (M15)
D6985807H	COMPRESSOR 2P17S3R236A (M8, M9, M10, M11)
D6985810H	COMPRESSOR 2P17S3R276A (M12)
D6887711H	COMPRESSOR 2R13S3R236A (M4, M5, M6)
D6887712H	COMPRESSOR 2R13S3R276A (M7)
D6887715H	COMPRESSOR 2R9U236A6A (M1, M2)
D6887716H	COMPRESSOR 2R9U276A6A (M3)
PCBCP126S	CONTROL BOARD, M61 WIRELESS
1261401	DIGITENNA
0131P00003S	FAN MOTOR 100 W, 2 SP, 6 PL (M12, M15)
0131P00002S	FAN MOTOR 100 W, 2 SP, 6 PL (M6, M8, M9, M10, M11, M13, M14)
0131P00000S	FAN MOTOR 40 W, 2 SP, 8 PL (M1, M2, M4, M5)
0131P00001S	FAN MOTOR 40 W, 2 SP, 8 PL (M3, M7)
22312902	HEATER 3 2.5 KW ASSY (M1, M4, M8)
22312903	HEATER 3 3.5 KW ASSY (M2, M5, M9, M10, M13)
22312904	HEATER 3 5.0 KW ASSY (M6, M11, M14)
22312907	HEATER 4 3.7 KW ASSY (M3, M7, M12, M15)
0130P00038	THERMISTOR-DISCHARGE
20295709	THERMISTOR-HEAT PUMP
0130P00046	THERMISTOR-INDOOR AMBIENT
20295707	THERMISTOR-INDOOR COIL
0130P00039	THERMISTOR-OUTDOOR AMBIENT
20512501	TRANSFORMER

M1 - PTC073B25AWBM
M2 - PTC073B35AWBM
M3 - PTC074B35AWBM
M4 - PTC093B25AWBP
M5 - PTC093B35AWBP
M6 - PTC093B50AWBP
M7 - PTC094B35AWBP
M8 - PTC123B25AWBP
M9 - PTC123B35AWBP
M10 - PTC123B35CWBP
M11 - PTC123B50AWBP
M12 - PTC124B35AWBP
M13 - PTC153B35AWBM
M14 - PTC153B50AWBM
M15 - PTC154B35AWBM

SPECIAL PARTS

20490201	INSPECTION SHEET-SLEEVE/DRAIN
IO-266	INSTALLATION INSTRUCTIONS-CHASSIS
RP-470B	REPAIR PARTS MANUAL
IO-293B	USERS MANUAL
IO-692	WIRING DIAGNOSTIC

Replacement Parts List

Image 1

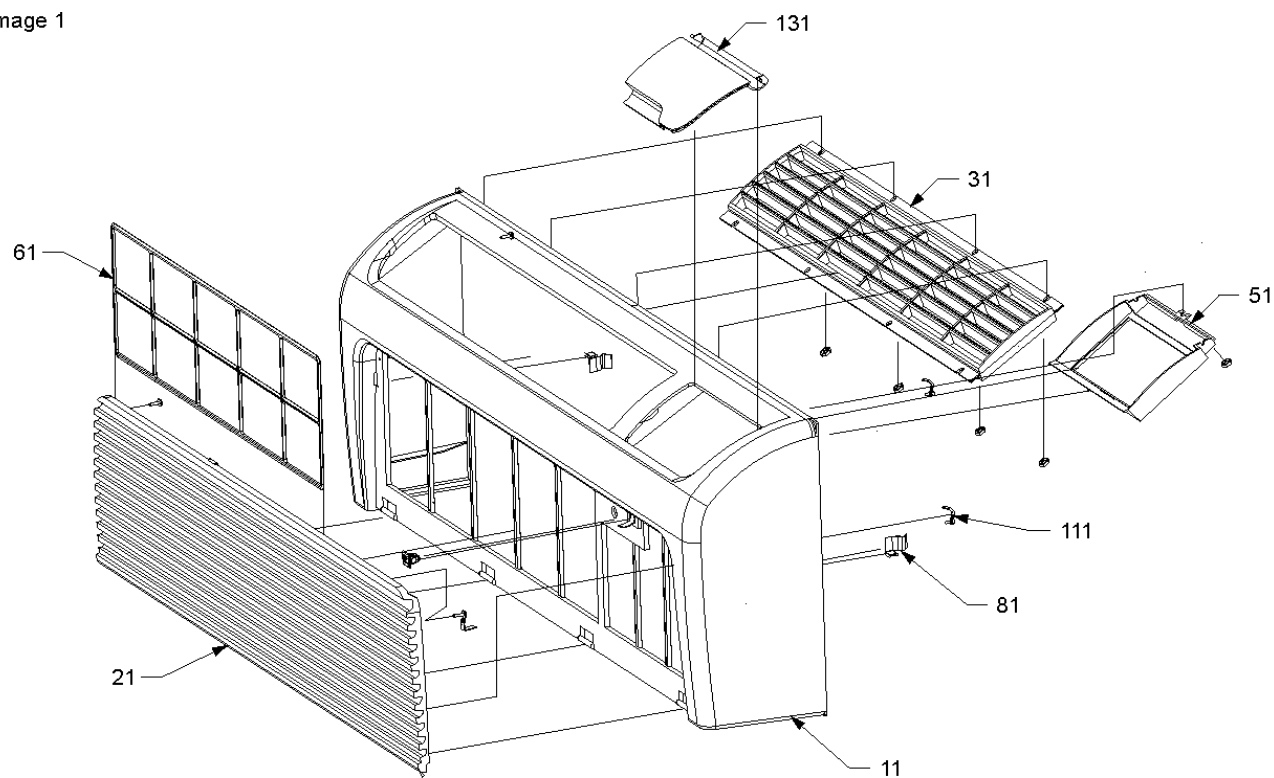
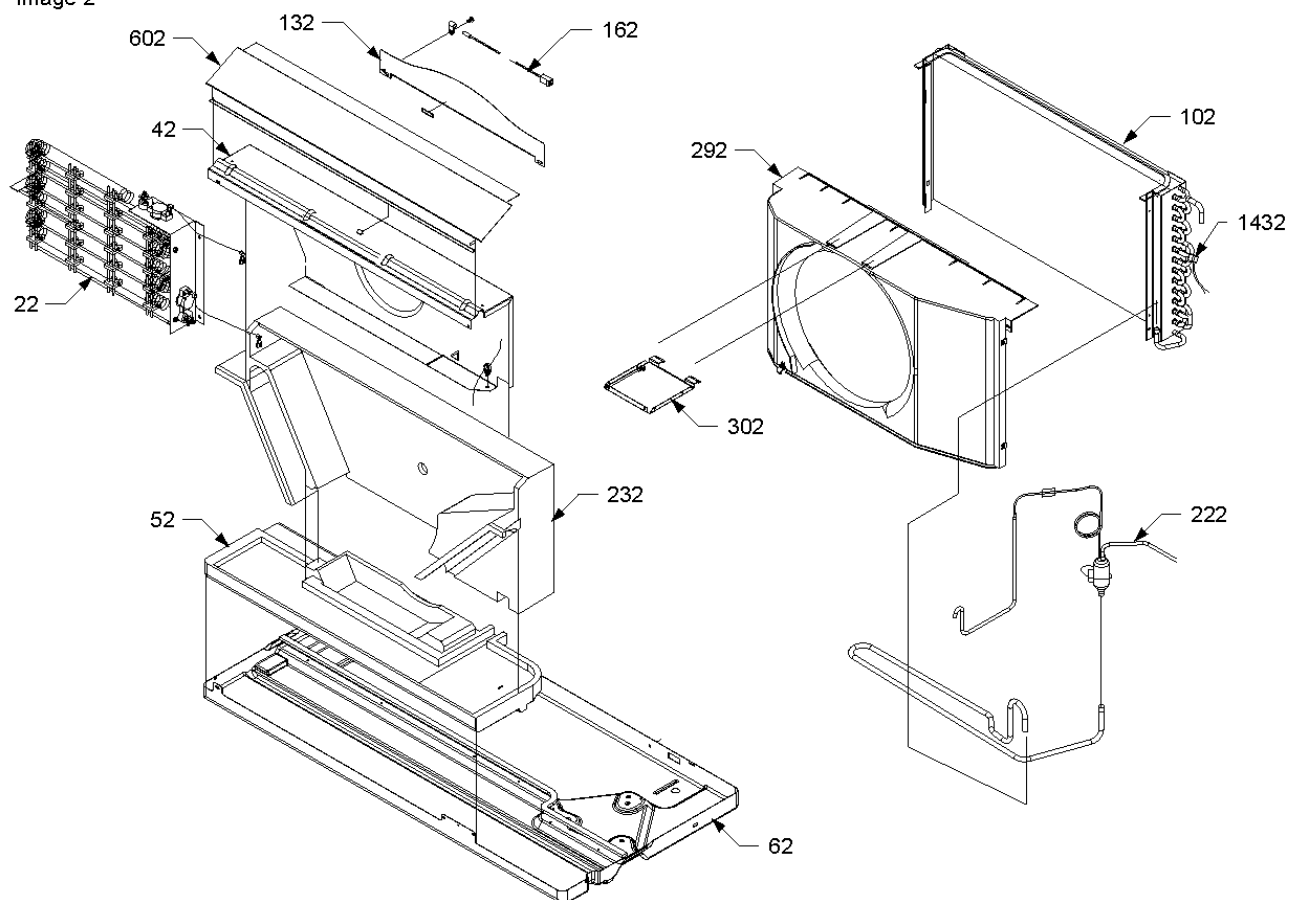


Image 2



Replacement Parts List

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1: FRONT ASSY

11	0261P00000A	FRONT FRAME
21	20415402	INTAKE GRILLE
31	20415301	EXHAUST GRILLE
51	20415601	CONTROL HOUSING
61	20415801	FILTER
81	11045102	SIDE CLIP (QTY 2)
111	0161P00002P	STRAP-INLET GRILLE RESTRAINT (QTY 2)
131	20415901	DOOR ASSY

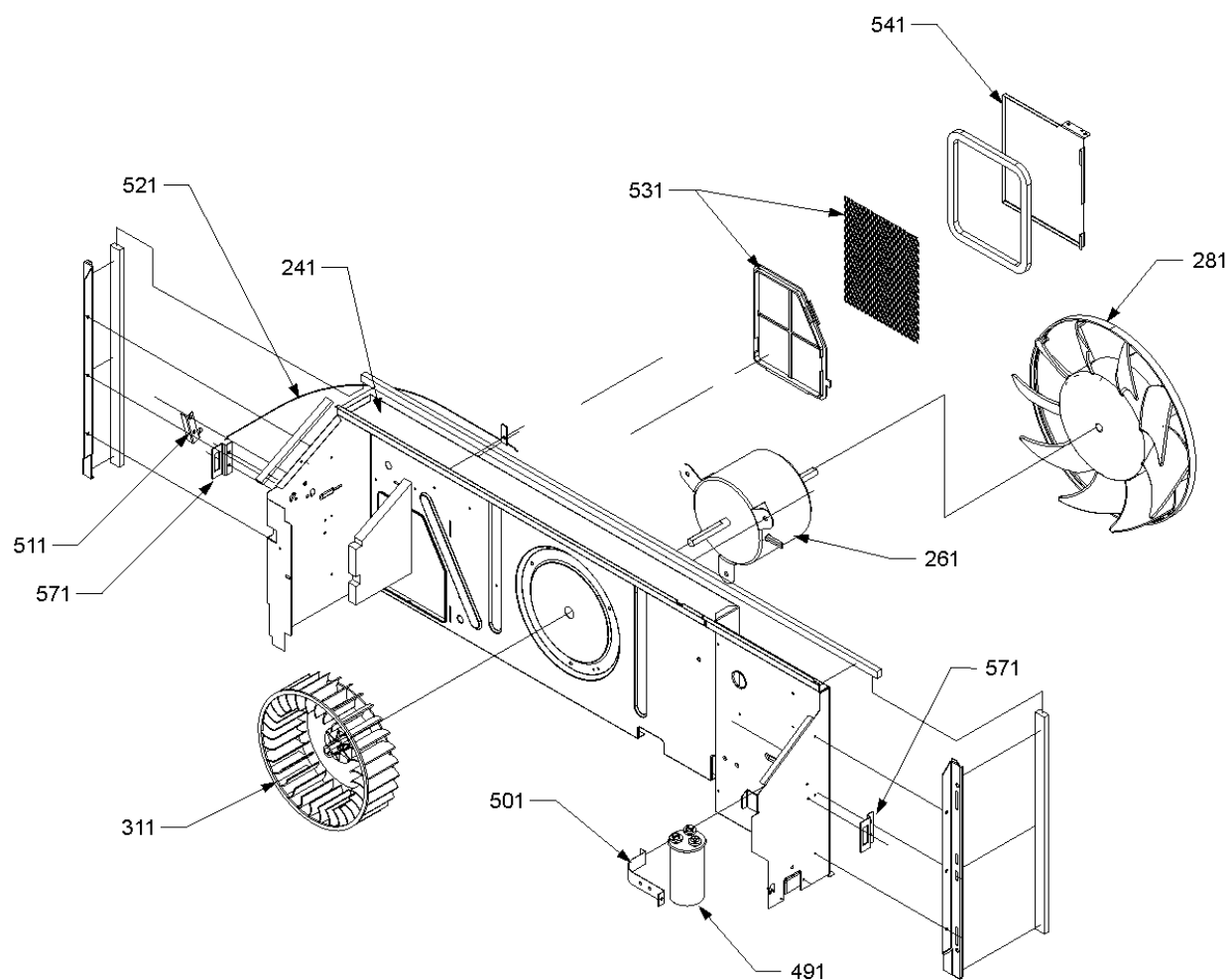
Image 2: BASEPAN ASSY

22	22312902	HEATER 3 2.5 KW ASSY (M1, M4, M8)
22	22312903	HEATER 3 3.5 KW ASSY (M2, M5, M9, M10, M13)
22	22312904	HEATER 3 5.0 KW ASSY (M6, M11, M14)
22	22312907	HEATER 4 3.7 KW ASSY (M3, M7, M12, M15)
42	20364804	BLOWER INTAKE
52	B20403802	EVAPORATOR PAD
62	20403508	BASE PAN
102	0201P00022DGS	TUBING ASSY, COND COIL (M10)
102	20456602S	TUBING ASSY, COND COIL (M8, M9, M11, M12, M13, M14, M15)
102	20456603S	TUBING ASSY, COND COIL (M4, M5, M6, M7)
102	20466202QS	TUBING ASSY, COND COIL (M1, M2, M3)
132	20515304	BLOWER EXTERNAL INTAKE
162	0130P00038	THERMISTOR-DISCHARGE
222	0210P00023	CAPILLARY WELDMENT (M8, M9, M10, M11, M12)
222	20466802	CAPILLARY WELDMENT (M13, M14, M15)
222	20469302	CAPILLARY WELDMENT (M4, M5, M6, M7)
222	20473002	CAPILLARY WELDMENT (M1, M2, M3)
232	B20356703	BLOWER SCROLL
292	20401301	CONDENSER SHROUD
302	11044201DG	TIE BRACE
602	11123911	DISCHARGE SCREEN
1432	20295709	THERMISTOR-HEAT PUMP
NS	22322201	REVERSING VALVE COIL 230V
NS	22322202	REVERSING VALVE COIL 265V

Expanded Model Nomenclature

M1 - PTC073B25AWBM
M2 - PTC073B35AWBM
M3 - PTC074B35AWBM
M4 - PTC093B25AWBP
M5 - PTC093B35AWBP
M6 - PTC093B50AWBP
M7 - PTC094B35AWBP
M8 - PTC123B25AWBP
M9 - PTC123B35AWBP
M10 - PTC123B35CWBP
M11 - PTC123B50AWBP
M12 - PTC124B35AWBP
M13 - PTC153B35AWBM
M14 - PTC153B50AWBM
M15 - PTC154B35AWBM

Replacement Parts List



Replacement Parts List

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1: CHASSIS BACK</i>			
241	0121P00041DG		PARTITION PANEL
261	0131P00002S		FAN MOTOR 100 W, 2 SP, 6 PL (M6, M8, M9, M10, M11, M13, M14)
261	0131P00003S		FAN MOTOR 100 W, 2 SP, 6 PL (M12, M15)
261	0131P00000S		FAN MOTOR 40 W, 2 SP, 8 PL (M1, M2, M4, M5)
261	0131P00001S		FAN MOTOR 40 W, 2 SP, 8 PL (M3, M7)
281	20414601		CONDENSER FAN
311	11044101		BLOWER WHEEL
491	CAP050150370RSS		CAPACITOR 5/15/370V (M1, M2, M4, M5, M6)
491	CAP050150440RSS		CAPACITOR 5/15/440V (M3, M7)
491	CAP050250440RSS		CAPACITOR 5/25/440V (M12)
491	CAP050300370RSS		CAPACITOR 5/30/370V (M8, M9, M10, M11)
491	CAP050350370RSS		CAPACITOR 5/35/370V (M13, M14)
491	CAP050350440RSS		CAPACITOR 5/35/440V (M15)
501	C6300502		CAPACITOR STRAP (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14)
501	C6300503		CAPACITOR STRAP (M15)
511	11046302		LEVER ARM
521	11115401		CABLE
531	20304003		PROTECTION SHIELD
541	11046105PDG		VENT DOOR
571	11191703		PARTITION PANEL BRACKET (QTY 2)

Expanded Model Nomenclature

M1 - PTC073B25AWBM
 M2 - PTC073B35AWBM
 M3 - PTC074B35AWBM
 M4 - PTC093B25AWBP
 M5 - PTC093B35AWBP
 M6 - PTC093B50AWBP
 M7 - PTC094B35AWBP
 M8 - PTC123B25AWBP
 M9 - PTC123B35AWBP
 M10 - PTC123B35CWBP
 M11 - PTC123B50AWBP
 M12 - PTC124B35AWBP
 M13 - PTC153B35AWBM
 M14 - PTC153B50AWBM
 M15 - PTC154B35AWBM

Replacement Parts List

Image 1

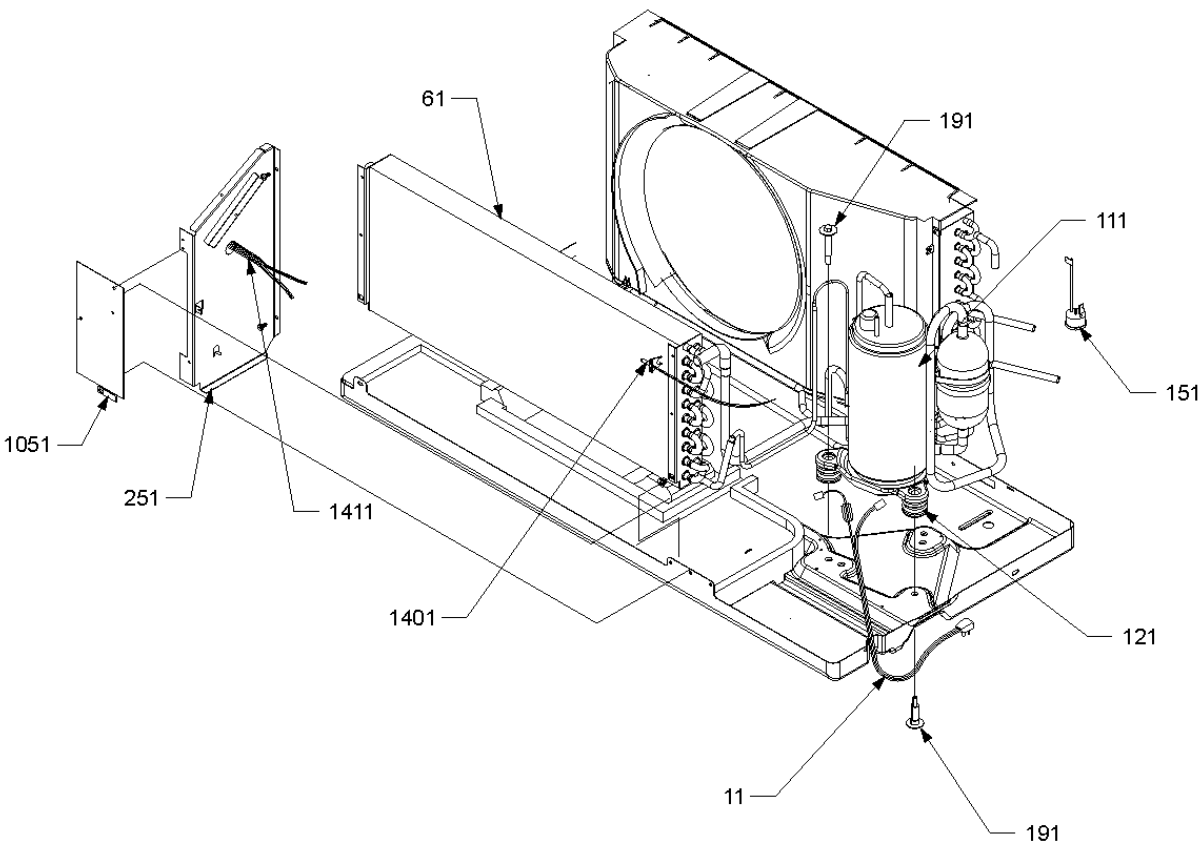
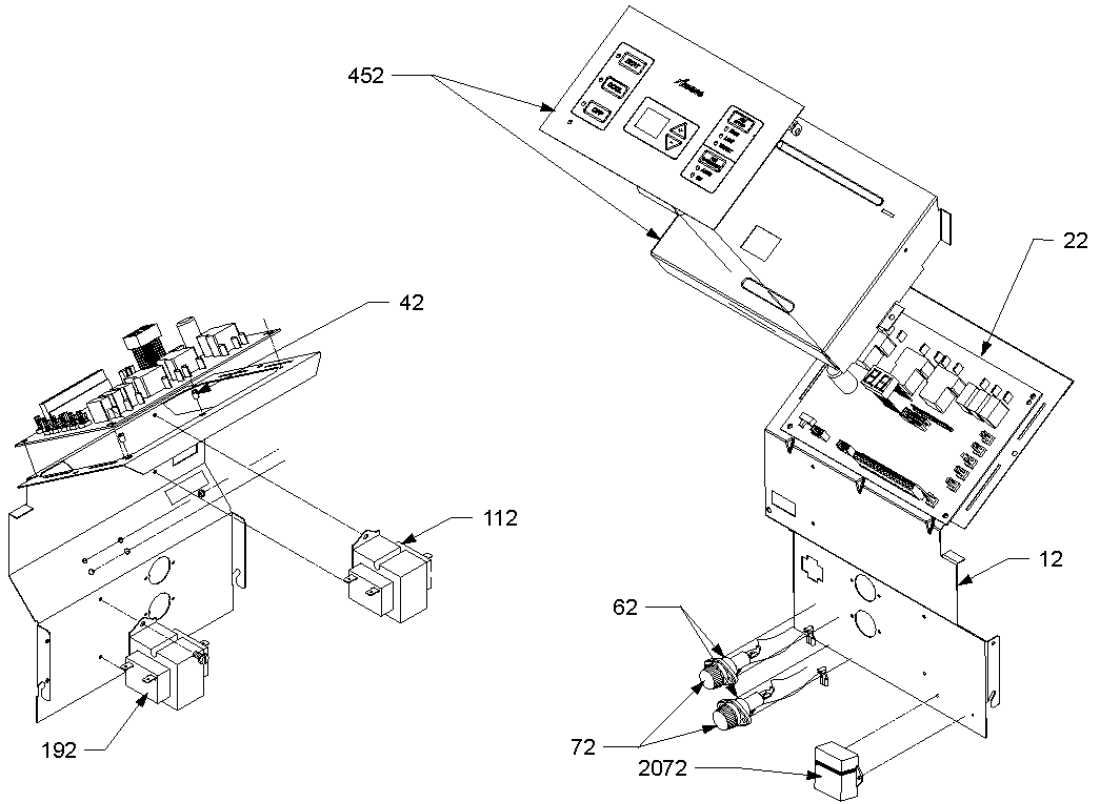


Image 2



Replacement Parts List

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1: CHASSIS FRONT

11	0130P00006S	CORD 250 VAC, 15A (LCDI) (M1, M4, M8)
11	0130P00007S	CORD 250 VAC, 20A (LCDI) (M2, M5, M9, M10, M13)
11	0130P00008	CORD 250 VAC, 30A (LCDI) (M6, M11, M14)
11	11114701	CORD 277 VAC, 20A (M3, M7, M12, M15)
61	20456702S	TUBING ASSY, EVAP COIL (M8, M9, M10, M11, M12, M13, M14, M15)
61	20457202S	TUBING ASSY, EVAP COIL (M4, M5, M6, M7)
61	20473902S	TUBING ASSY, EVAP COIL (M1, M2, M3)
111	D6926123H	COMPRESSOR 2K21T236B-UA (M13, M14)
111	D6926124H	COMPRESSOR 2K21T276A-UB (M15)
111	D6985807H	COMPRESSOR 2P17S3R236A (M8, M9, M10, M11)
111	D6985810H	COMPRESSOR 2P17S3R276A (M12)
111	D6887711H	COMPRESSOR 2R13S3R236A (M4, M5, M6)
111	D6887712H	COMPRESSOR 2R13S3R276A (M7)
111	D6887715H	COMPRESSOR 2R9U236A6A (M1, M2)
111	D6887716H	COMPRESSOR 2R9U276A6A (M3)
121	A3448602	COMPRESSOR GROMMET (M8, M9, M10, M11, M12, M13, M14, M15)
121	A4622801	GROMMET (M1, M2, M3, M4, M5, M6, M7)
151	D6961612	OVERLOAD (M8, M9, M10, M11)
151	D6961636	OVERLOAD (M1, M2)
151	D6961637	OVERLOAD (M3)
151	D6961639	OVERLOAD (M4, M5, M6)
151	D6961642	OVERLOAD (M7)
151	D6961643	OVERLOAD (M12)
151	D6961657	OVERLOAD (M15)
191	M0253610	SHOULDER SCREW (M8, M9, M10, M11, M12, M13, M14, M15)
191	M0253661	SHOULDER SCREW (M1, M2, M3, M4, M5, M6, M7)
251	20403301	MID PARTITION PANEL
1051	20410801	ACCESS COVER
1401	0130P00046	THERMISTOR-INDOOR AMBIENT
1411	20295707	THERMISTOR-INDOOR COIL
NS	0130P00039	THERMISTOR-OUTDOOR AMBIENT

Expanded Model Nomenclature

M1 - PTC073B25AWBM
M2 - PTC073B35AWBM
M3 - PTC074B35AWBM
M4 - PTC093B25AWBP
M5 - PTC093B35AWBP
M6 - PTC093B50AWBP
M7 - PTC094B35AWBP
M8 - PTC123B25AWBP
M9 - PTC123B35AWBP
M10 - PTC123B35CWBP
M11 - PTC123B50AWBP
M12 - PTC124B35AWBP
M13 - PTC153B35AWBM
M14 - PTC153B50AWBM
M15 - PTC154B35AWBM

Image 2: CONTROL PANEL

12	11044505	CONTROL PANEL
22	PCBCP126S	CONTROL BOARD, M61 WIRELESS
42	M0590702	SUPPORT (QTY 2)
62	C6476002	BAYONET FUSE HOLDER (M3, M7, M12, M15)
72	A3410403	FUSE 20A (M3, M7, M12, M15)
112	20512501	TRANSFORMER
452	RSKP0005	CONTROL PANEL COVER AND MEMBRANE
2072	1261401	DIGITENNA

