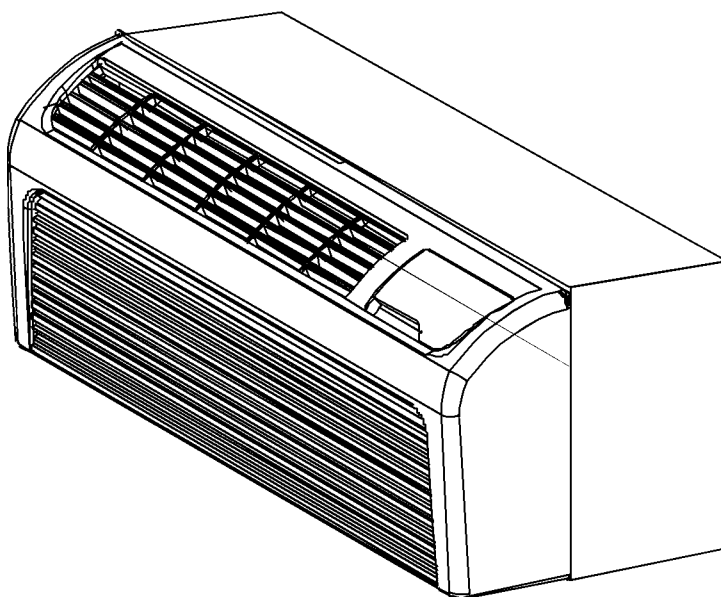


PTC*A/CG Package Terminal Air Conditioners

PTC074B25CG	P1255633R
PTC105B00CG	P1255669R
PTC105B30AG	P1255357R
PTC123B35CG	P1255642R
PTC125B00CG	P1255670R
PTC125B30AG	P1255358R



Important Information

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Illustration and Parts	4 - 15

Views shown are for parts illustrations only, not servicing procedures

Rev. 1: Adds PTC105B00CG and PTC125B00CG.

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. Amana® brand products are proudly made in the USA.

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:

D6789051	CAPACITOR (M2)
D6789063	CAPACITOR-ROUND (M1)
D6985807H	COMP-PN 2P17S3R236A (M2)
D6985810H	COMP-PN 2P17S3R276A (M3, M5)
D6887716H	COMP-PN 2R9U276A6A (M1)
D6926124H	COMPRESSOR 2K21T276 (M2, M4, M6)
20466203	COND ASSY-PNT PTC (M1)
20456604PDG	COND ASSY-PNT PTC (M2, M5, M6)
20456702	EVAP ASSY PTC (M2, M3, M4, M5, M6)
20473902	EVAP ASSY PTC (M1)
A3410402	FUSE-15A (M1, M3)
22312903	HTR 3 3.5KW ASSY (M2)
22312906	HTR 4 2.5KW ASSY (M1)
22312907	HTR 4 3.5KW ASSY (M3, M4)
11114908	MOTOR-FAN (M1)
11114909	MOTOR-FAN (M2)
11114910	MOTOR-FAN (M3, M4, M5, M6)
20515101	PC BOARD
20295706	THERMISTOR
20295707	THERMISTOR
20295708	THERMISTOR
B1378501	TRANSFORMER (M2, M4, M5, M6)
20512501	TRANSFORMER (M1, M3)

SPECIAL PARTS

20517602	MANUAL-OWNERS (M2, M4, M5, M6)
20517601	MANUAL-OWNERS (M1)
20517603	MANUAL-OWNERS (M3)
11046403	WARRANTY (M2, M4, M5, M6)
11046402	WARRANTY (M1, M3)

Expanded Model Nomenclature

M1 - PTC105B30AG	P1255357R
M2 - PTC125B30AG	P1255358R
M3 - PTC074B25CG	P1255633R
M4 - PTC123B35CG	P1255642R
M5 - PTC105B00CG	P1255669R
M6 - PTC125B00CG	P1255670R

Front Chassis

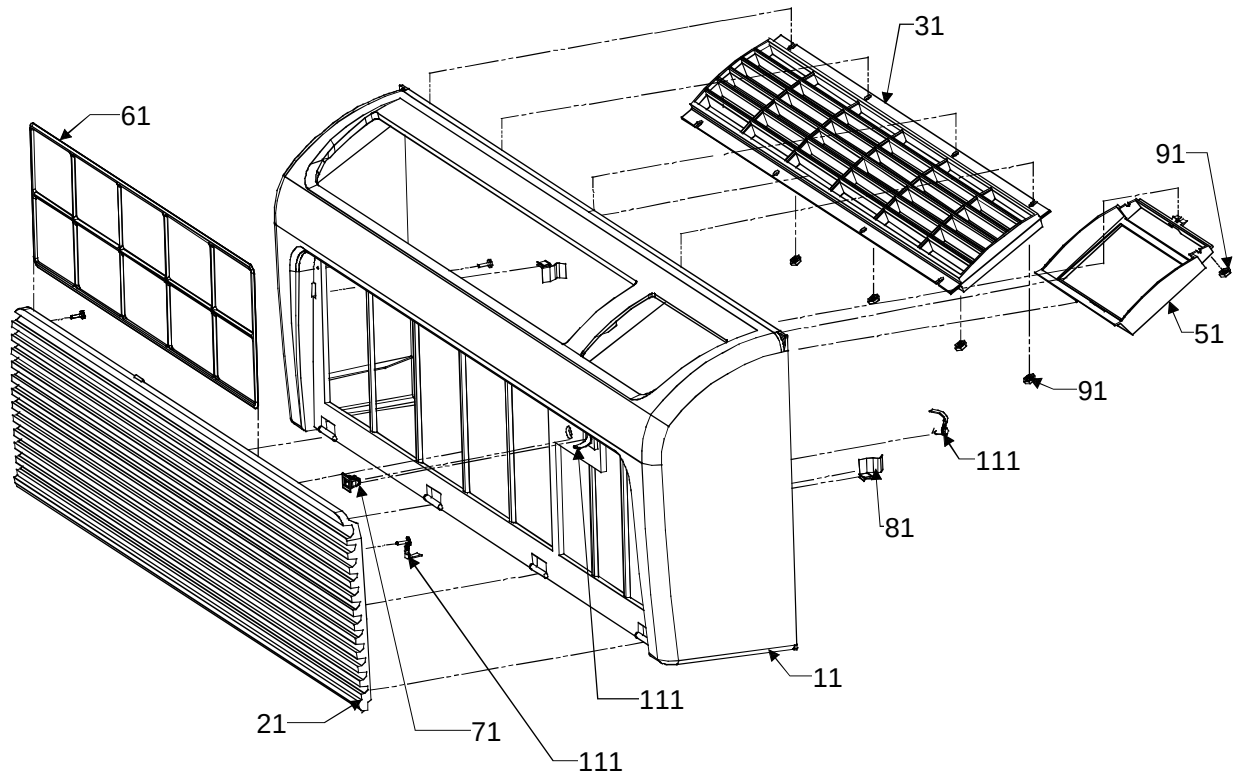
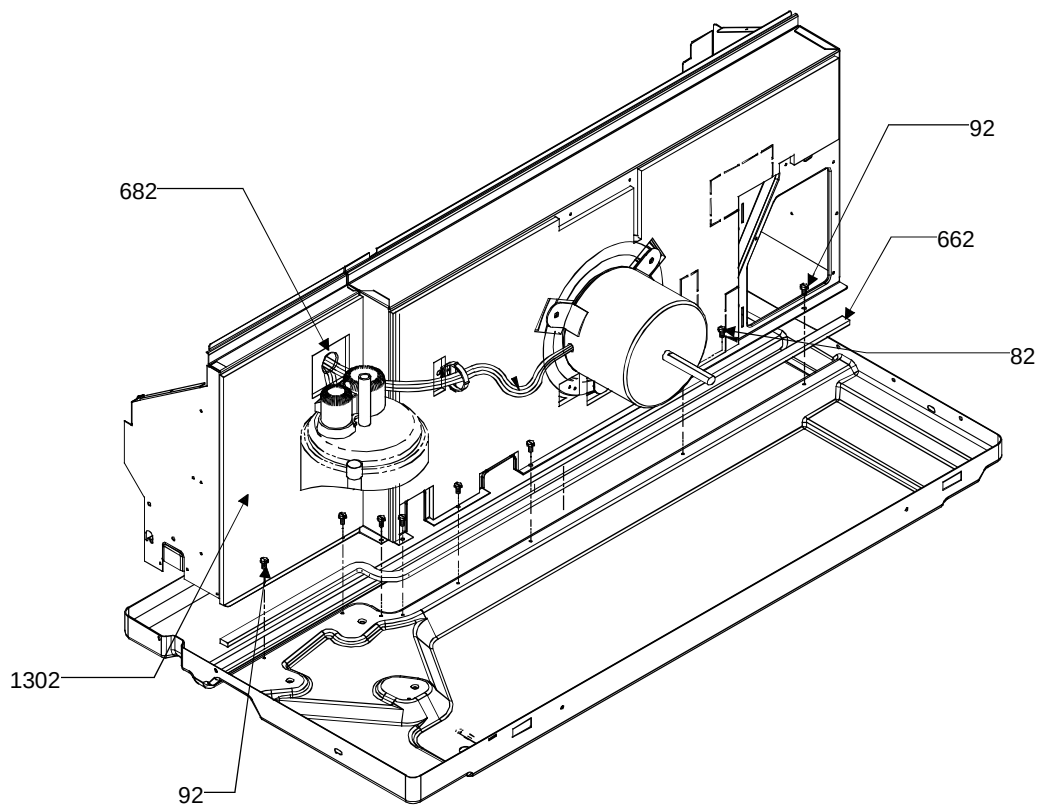


Image 1

Image 2



Front Chassis

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

11	20415203	FRONT
21	20415402	GRILLE-INTAKE
31	20415301	GRILLE-EXHAUST
51	20415601	HOUSING,CONTROL
61	20415801	FILTER
71	10690002	DOOR CATCH ASSY
81	11045102	CLIP-SIDE, QTY 2
91	M0293604	PALNUT, QTY 5
111	20480501	RESTRAINT-INLET GRILLE, QTY 2

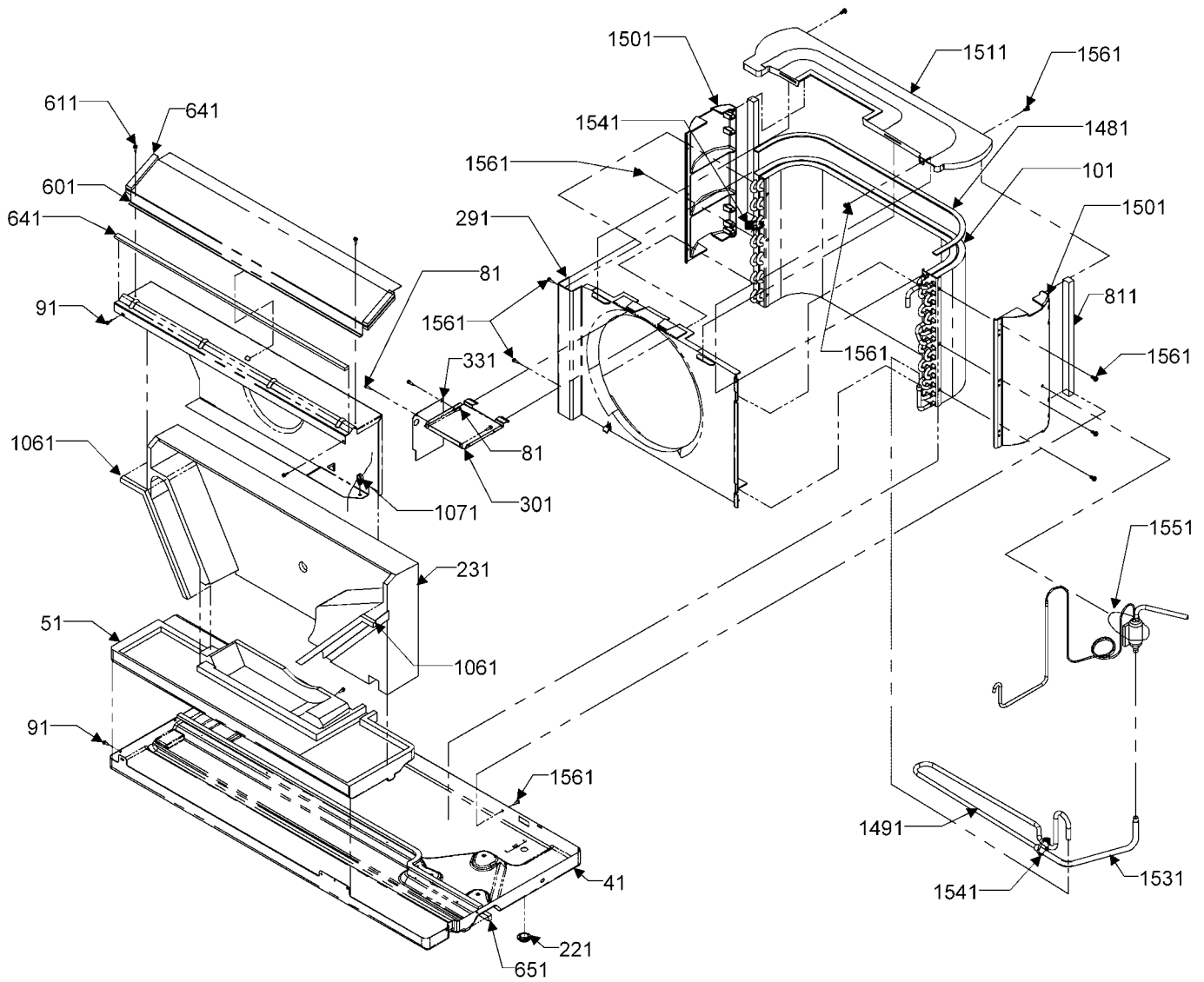
Image 2:

82	M0211216	SCREW-SM, QTY AR
92	M0216716	SCREW-SM, QTY AR
662	10839828	GASKET-.12X.50X43
682	M0275521	SEALER-PLASTIC, QTY 2
1302	20417402	INSUL-PARTITION PNL

Expanded Model Nomenclature

M1 - PTC105B30AG	P1255357R
M2 - PTC125B30AG	P1255358R
M3 - PTC074B25CG	P1255633R
M4 - PTC123B35CG	P1255642R
M5 - PTC105B00CG	P1255669R
M6 - PTC125B00CG	P1255670R

Chassis



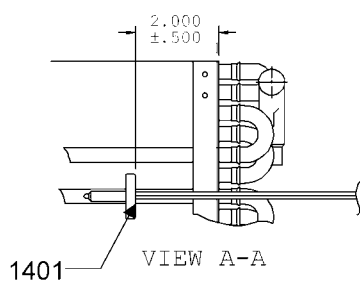
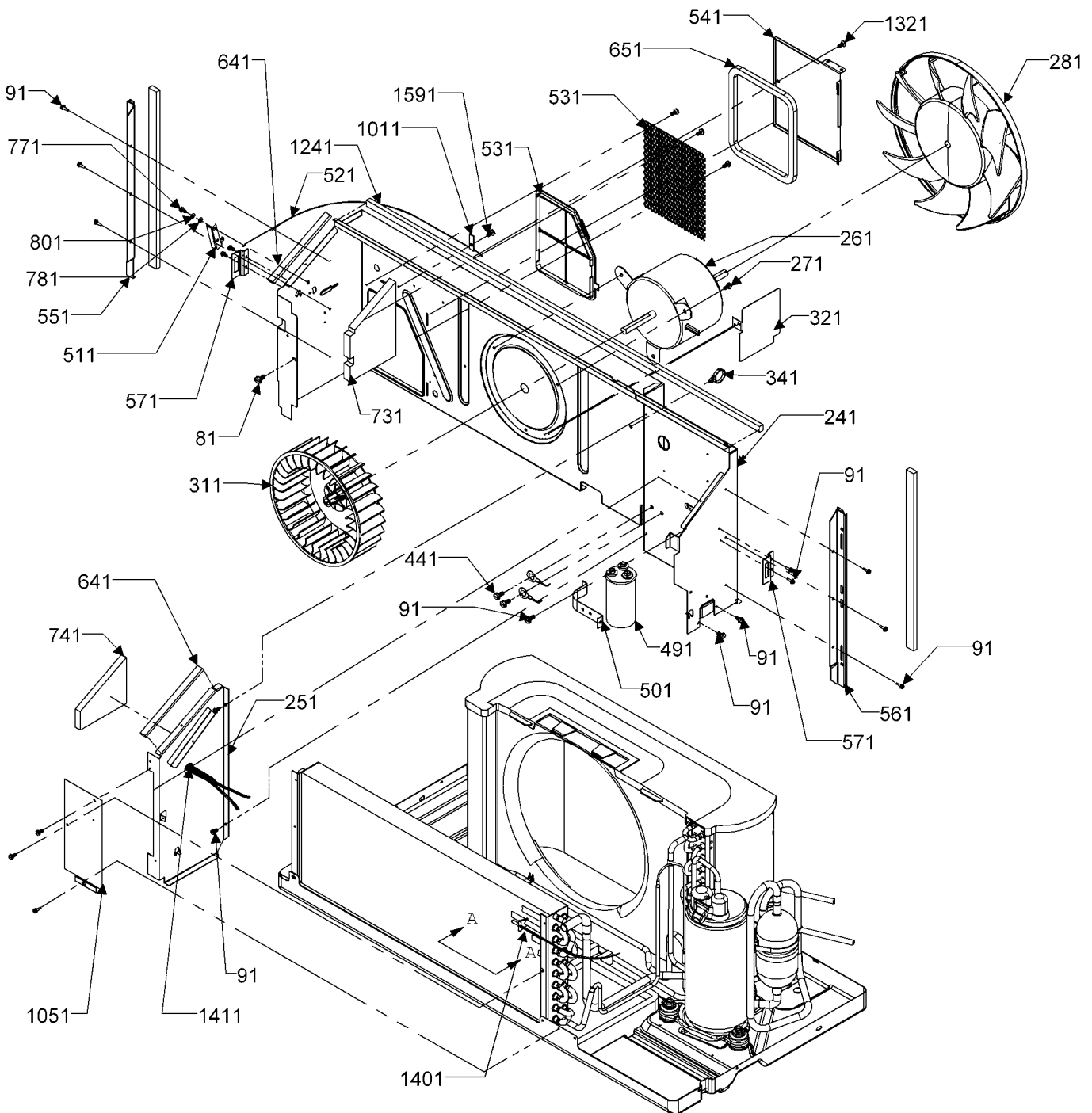
Chassis

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>			
41	20403508		BASEPAN PNT
51	B20403802		PAD-EVAP PTC
81	M0211216		SCREW-SM, QTY AR
91	M0216716		SCREW-SM, QTY AR
101	20456602 BND		COND ASSY PTC (M3, M4)
101	20456604PDG		COND ASSY-PNT PTC (M2, M5, M6)
101	20466203		COND ASSY-PNT PTC (M1)
221	M0570805		PLUG-BUTTON
231	20356703		SCROLL-BLOWER
291	20401301		SHROUD-COND PTC
301	11044201		BRACE-TIE PTC (M2, M4)
301	11044201PDG		TIE BRACE-PNT PTC (M1, M3, M5, M6)
331	20417702PDG		BAFFLE-TOP PNT PTC (M1, M3, M5, M6)
331	20417702		BAFFLE-TOP PTC (M2, M4)
601	11123911		SCREEN-PNT DISCH PT
641	20455902		GASKET .50X.25, QTY 5
651	10839808		GASKET-.37X.50, QTY 5
811	20455901		GASKET .62X.75, QTY 2
1061	10839706		GASKET .50X.50, QTY 2
1071	M0120801		CLIP-GUIDE
1481	10839812		GASKET-.12X.50, QTY 2
1491	20453901		TUBE-SUBCOOLER (M1, M2, M4, M5, M6)
1501	20357001		SIDE COVER-COND PTC, QTY 2
1511	20396701		TOP COVER-COND PTC
1531	20477802		TUBE-V-SLIT (M1, M2, M4, M5, M6)
1541	M0321202		TIE-ELEC LG, QTY AR
1551	M0322201		TIE-ELEC
1561	M0211018		SCREW-SM #8-5/8LG, QTY AR

Expanded Model Nomenclature

M1 - PTC105B30AG	P1255357R
M2 - PTC125B30AG	P1255358R
M3 - PTC074B25CG	P1255633R
M4 - PTC123B35CG	P1255642R
M5 - PTC105B00CG	P1255669R
M6 - PTC125B00CG	P1255670R

Chassis



Chassis

**Ref. Part
No: No:**

Description:

**Ref. Part
No: No:**

Description:

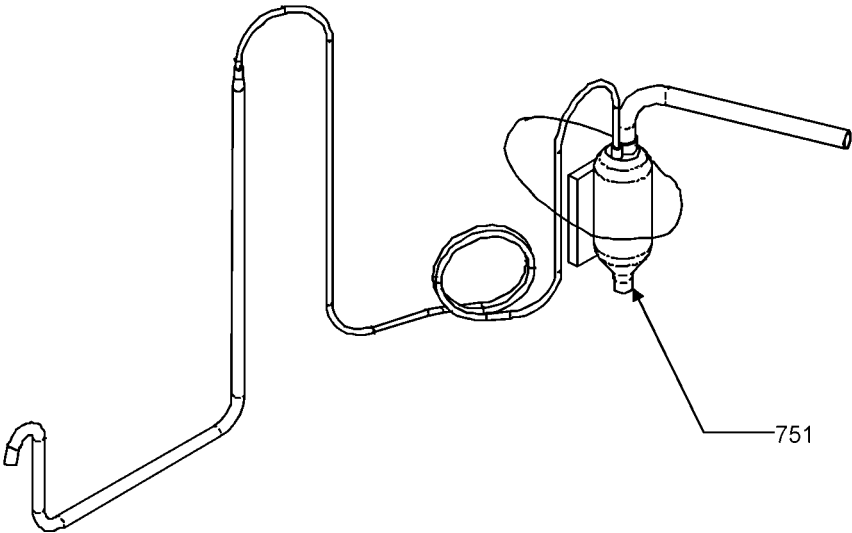
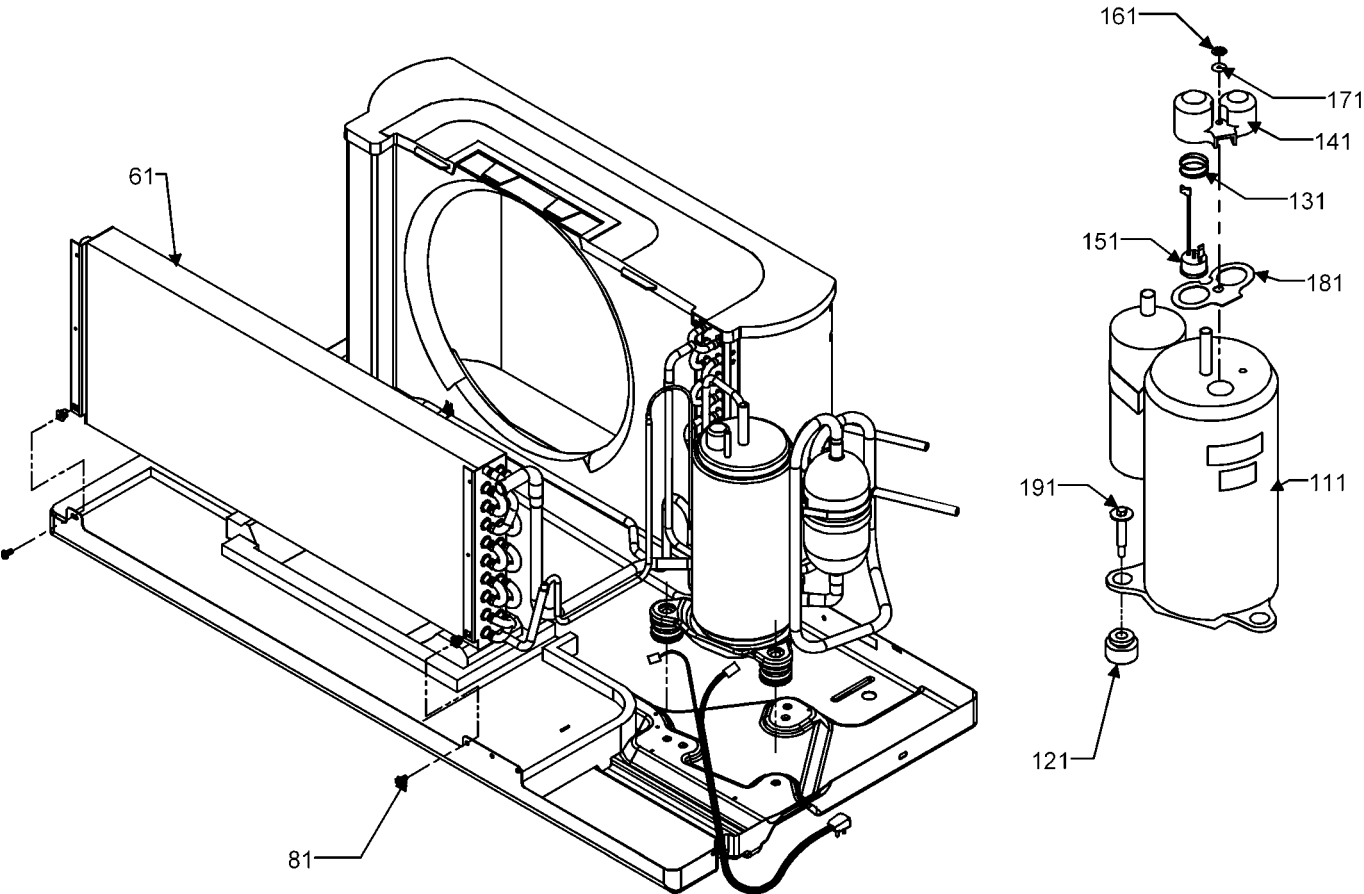
Image 1:

81	M0211216	SCREW-SM, QTY AR
91	M0216716	SCREW-SM, QTY AR
241	20403106PDG	PANEL-PTN PNT PTC
251	20403301	PANEL-MID PTN PTC
261	11114908	MOTOR-FAN (M1)
261	11114909	MOTOR-FAN (M2)
261	11114910	MOTOR-FAN (M3, M4, M5, M6)
271	91000901	SCREW, QTY 3
281	20414601	FAN-PL. COND.
311	11044101	WHEEL-BLOWER
321	20480902PDG	BAFFLE-COND INLT PN (M1, M3, M5, M6)
321	20480902	BAFFLE-COND INLT PT (M2, M4)
341	M0118702	CLIP-GUIDE
441	M0227803	SCREW-TC, QTY AR
491	D6789051	CAPACITOR (M2)
491	D6789049	CAPACITOR, 35/5/370 (M3, M5)
491	D6789043	CAPACITOR, 50/5/370 (M4, M6)
491	D6789063	CAPACITOR-ROUND (M1)
501	C6300502	STRAP-CAP CO PTC (M1, M3, M4, M5)
501	C6300503	STRAP-CAP CO PTC (M2, M6)
511	11046302	LEVER ARM PTC
521	11115401	CABLE
531	20304003	SHIELD-PROTECTION
541	11046105PDG	DOOR-PNT VENT PTC (M1, M3, M5, M6)
541	11046105	DOOR-VENT PTC (M2, M4)
561	20416201	SEAL-L SIDE PTC
561	20416101	SEAL-R SIDE PTC
571	11191703	BRKT-PART PAN, QTY 2
641	20455902	GASKET .50X.25, QTY 5
651	10839808	GASKET-.37X.50, QTY 5
731	11122901	INSUL-LEFT
741	11123001	INSUL-RIGHT
771	M0220757	SCREW-SHLDR
781	M0273701	WASHER-SPRING
801	M0270529	WASHER-FLAT
1011	M0108103	CLAMP-TUBE
1051	20410801	COVER-ACCESS PTC
1241	10839807	GASKET-.37X.75, QTY 3
1321	M0238833	SCREW-SHLDR
1401	20295706	THERMISTOR
1411	20295707	THERMISTOR
1591	M0211016	SCREW-SM #8-3/8LG, QTY 4

Expanded Model Nomenclature

M1 - PTC105B30AG	P1255357R
M2 - PTC125B30AG	P1255358R
M3 - PTC074B25CG	P1255633R
M4 - PTC123B35CG	P1255642R
M5 - PTC105B00CG	P1255669R
M6 - PTC125B00CG	P1255670R

Compressor/Capillary Tubing Assembly



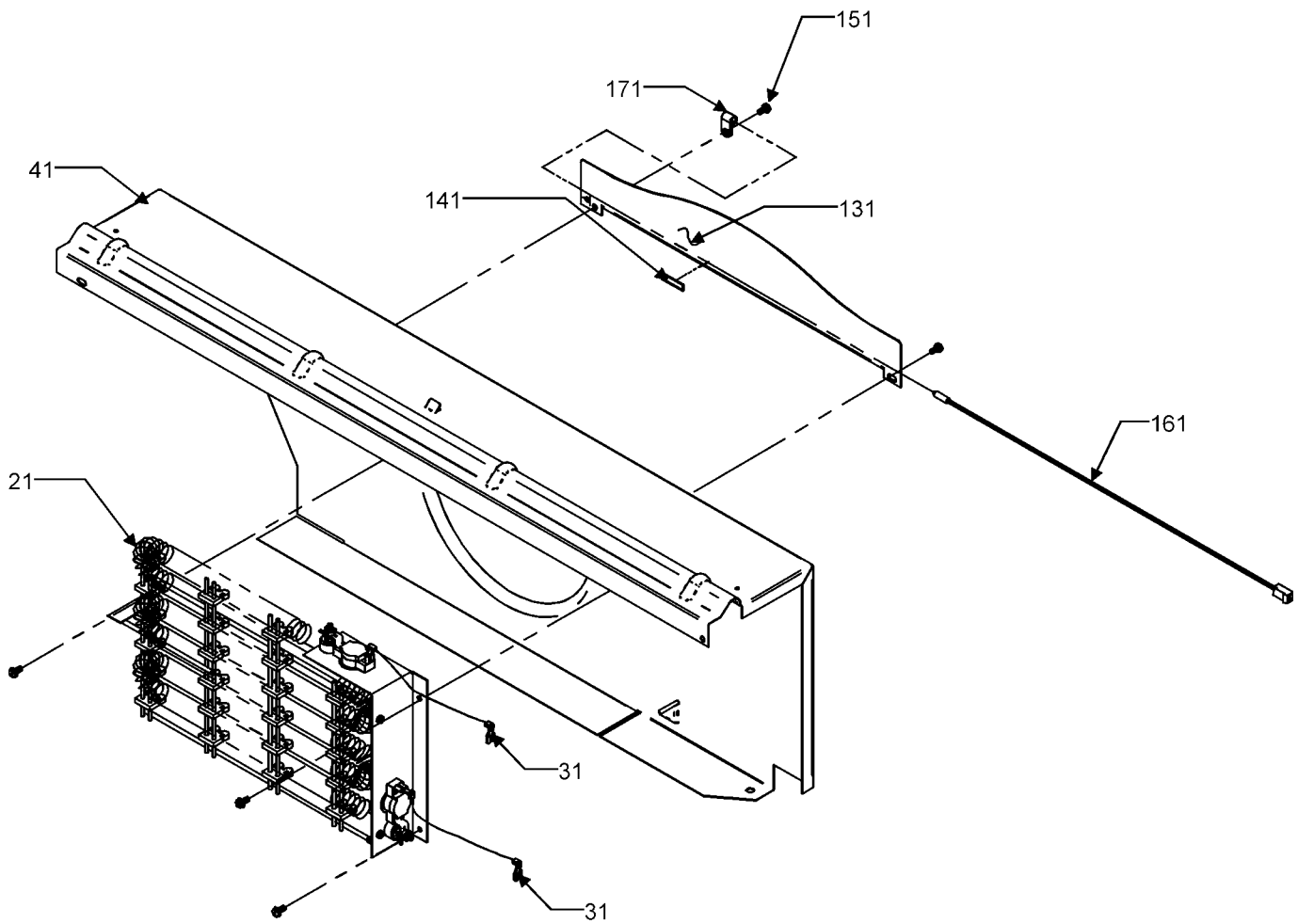
Compressor/Capillary Tubing Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>			
61	20456702		EVAP ASSY PTC (M2, M3, M4, M5, M6)
61	20473902		EVAP ASSY PTC (M1)
81	M0211216		SCREW-SM, QTY AR
111	D6985807H		COMP-PN 2P17S3R236A (M2)
111	D6985810H		COMP-PN 2P17S3R276A (M3, M5)
111	D6887716H		COMP-PN 2R9U276A6A (M1)
111	D6926124H		COMPRESSOR 2K21T276 (M2, M4, M6)
121	A3448602		GROMMET, QTY 3 (M1, M2, M4, M5, M6)
121	A4622801		GROMMET, QTY 3 (M3)
131	A3436901		SPRING-OVERLOAD
141	10329001		COVER-TERM REISSU
151	D6961612		OVERLOAD (M2)
151	D6961637		OVERLOAD (M1)
151	D6961646		OVERLOAD (M3, M5)
151	D6961658		OVERLOAD (M4, M6)
161	A3436601		NUT-TERM COVER
171	A3436801		GASKET-NUT
181	A3436701		GASKET-TERM COVER
191	M0253610		SCREW-SHLDR, QTY 3 (M1, M2, M4, M5, M6)
191	M0253661		SCREW-SHLDR, QTY 3 (M3)
751	20466802		CAP WELD (M4, M6)
751	20473002		CAP WLD. (M1)
751	20421602		TUBE WELD-CAP PTC (M2, M3, M5)

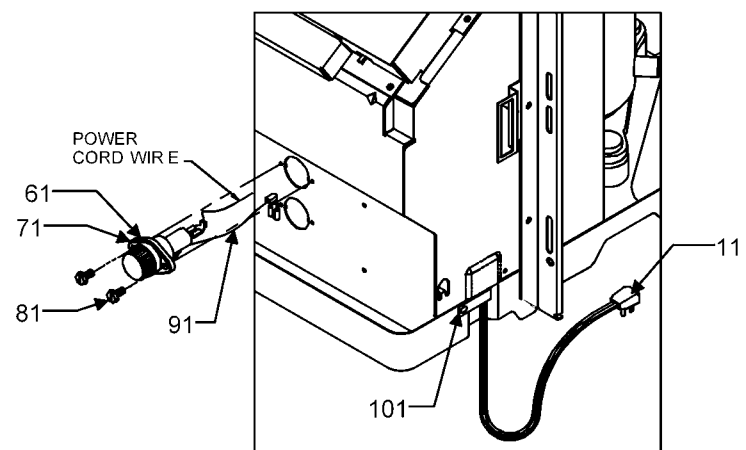
Expanded Model Nomenclature

M1 - PTC105B30AG	P1255357R
M2 - PTC125B30AG	P1255358R
M3 - PTC074B25CG	P1255633R
M4 - PTC123B35CG	P1255642R
M5 - PTC105B00CG	P1255669R
M6 - PTC125B00CG	P1255670R

Heater



SINGLE STAGE HEAT



Heater

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

11	22309902	CORD-230V 20AMP (M2)
11	11114501	CORD-250V 20A (M3, M4, M5, M6)
11	11114701	CORD-277V-20A (M1)
21	22312903	HTR 3 3.5KW ASSY (M2)
21	22312906	HTR 4 2.5KW ASSY (M1)
21	22312907	HTR 4 3.5KW ASSY (M3, M4)
31	20260805	WIRE-JUMPER BR34, QTY 2 (M1, M2, M3, M4)
41	20364804	INTAKE-BLOWER PTC
61	C6476001	HOLDER-BAYONET FUSE
71	A3410402	FUSE-15A (M1, M3)
81	M0221817	SCREW-SM, QTY 2 (M3)
91	10618850	WIRE-JUMPER BK18 (M3)
101	M0103906	CLAMP-SPEED
131	20515304	BLOWER-INT PNT PTC
141	10839722	GASKET .25X.06
151	M0216529	SCREW-SM (M1, M3)
151	M0216716	SCREW-SM, QTY AR
161	20295708	THERMISTOR
171	BT1392310	PLASTIC CLAMP, .187

Expanded Model Nomenclature

M1 - PTC105B30AG	P1255357R
M2 - PTC125B30AG	P1255358R
M3 - PTC074B25CG	P1255633R
M4 - PTC123B35CG	P1255642R
M5 - PTC105B00CG	P1255669R
M6 - PTC125B00CG	P1255670R

Control Panel

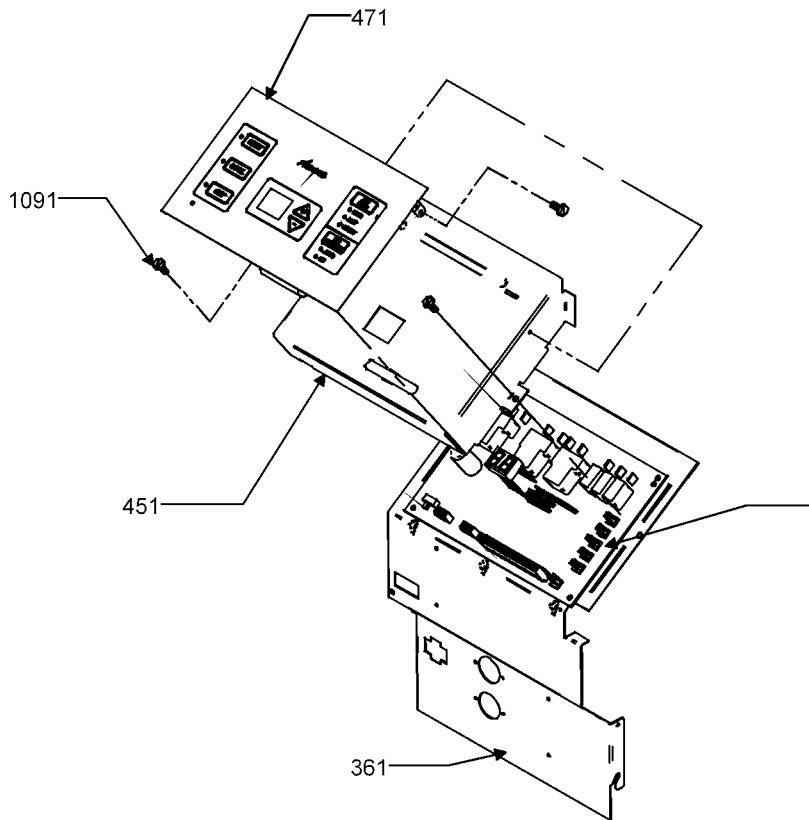
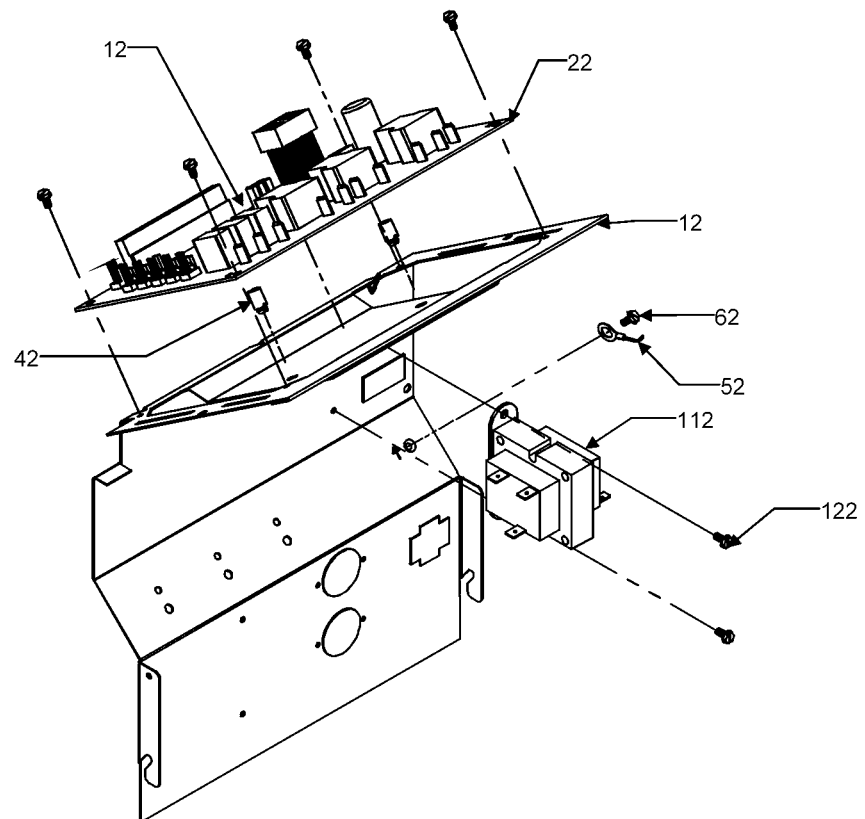


Image 1

Image 2



Control Panel

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

21	20515101	PC BOARD
451	20514901	COVER-CONT PNL PTC
471	20515201	MEMBRANE-(CONTROL)

Image 2:

12	11044505	PANEL-CONTROL PTC
42	M0590702	SUPPORT, QTY 2
52	10618849	WIRE-JUMPER GN1
62	M0227803	SCREW-TC
112	20512501	TRANSFORMER (M1, M3)
112	B1378501	TRANSFORMER (M2, M4, M5, M6)
122	M0216716	SCREW-SM, QTY AR

Expanded Model Nomenclature

M1 - PTC105B30AG	P1255357R
M2 - PTC125B30AG	P1255358R
M3 - PTC074B25CG	P1255633R
M4 - PTC123B35CG	P1255642R
M5 - PTC105B00CG	P1255669R
M6 - PTC125B00CG	P1255670R