

PTC*B*E

Packaged Terminal Air Conditioner w/ Power Vent/Power Door

PTC093B00GE

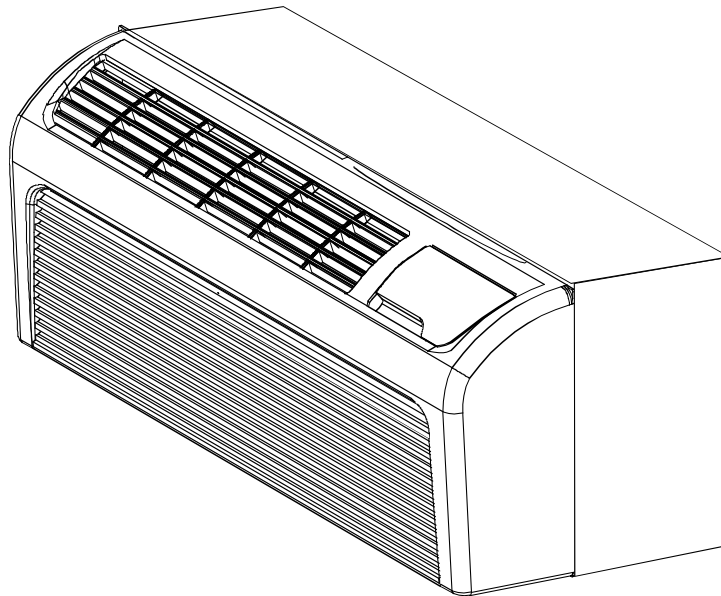
PTC094B35BE

PTC123B00GE

PTC124B35BE

PTC153B00GE

PTC154B50BE



RP4210038
Revision 0
April 2004

Important Information

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Functional Parts List	3
Illustration and Parts	4 - 19

Views shown are for parts illustrations only, not servicing 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 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. Goodman® brand products are made proudly 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:

Expanded Model Nomenclature

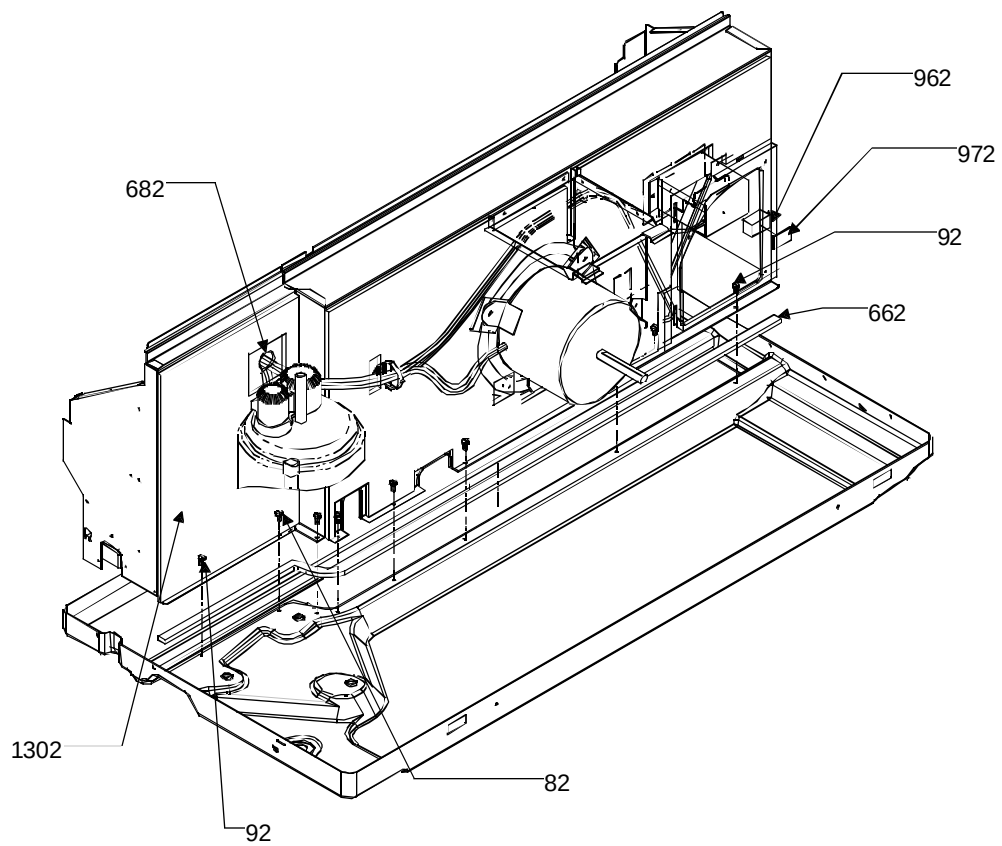
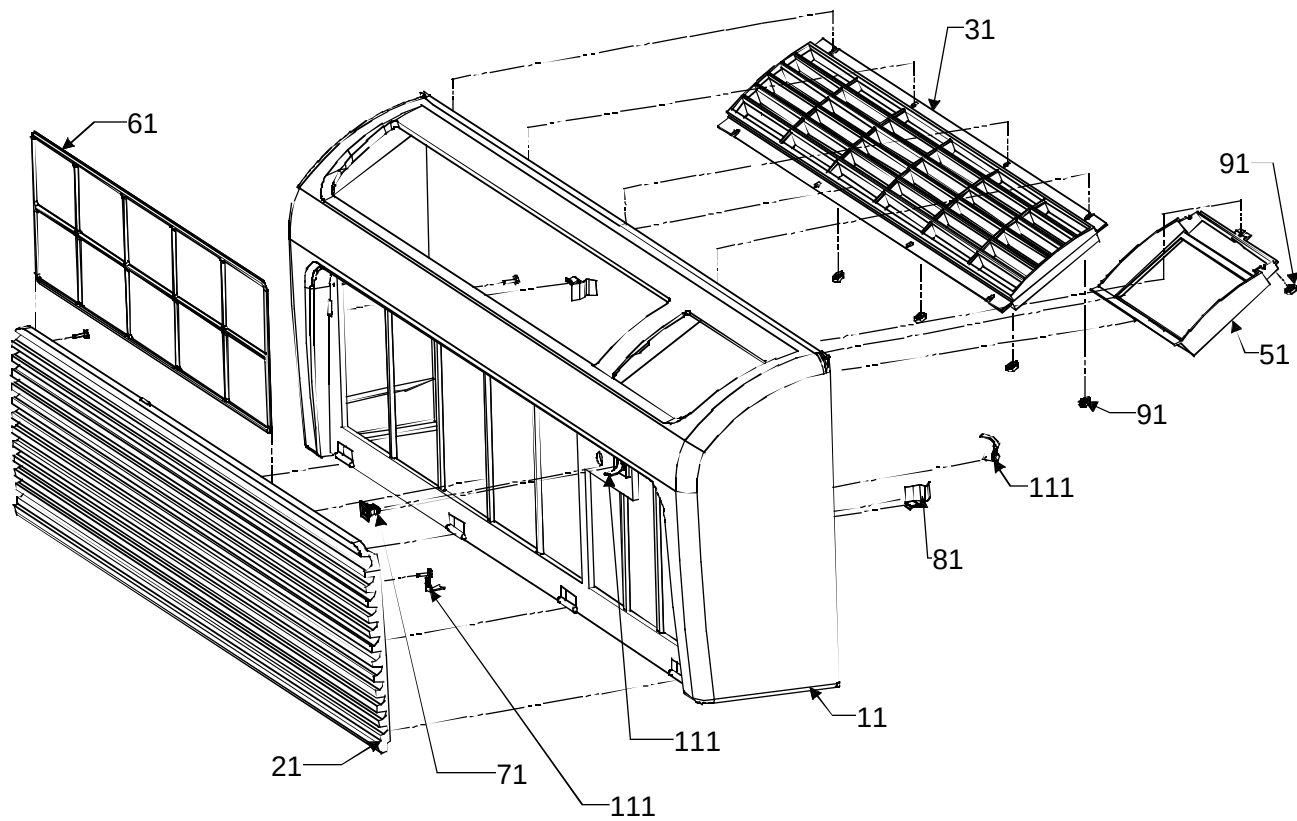
D6789051	CAPACITOR (M5)
D6789025	CAPACITOR-METAL (M1)
D6789049	CAPACITOR-POLY (M6)
D6789054	CAPACITOR-ROUND (M4)
D6789063	CAPACITOR-ROUND (M3)
D6789060	CAPACITOR-ROUND (M2)
20284917	CAPILLARY WELDMENT (M2, M5)
20284916	CAPILLARY WELDMENT (M3, M4)
20284918	CAPILLARY WELDMENT (M1, M6)
D6926122	COMP 2K21T276A-UA (M1)
D6926124	COMP-PN 2P17S3R236A (M5)
D6985810	COMP-PN 2P17S3R276A (M2)
D6887711	COMP-PN 2R13S3R236A (M4)
D6887712	COMP-PN 2R13S3R276A (M3)
D6926123	COMPRESSOR 2K21T236 (M6)
20456602	CONDENSING ASSY (M1, M2, M5, M6)
20456603	CONDENSING ASSY (M3, M4)
20457202	EVAPORATOR ASSY (M3, M4)
20456702	EVAPORATOR ASSY (M1, M2, M5, M6)
20414601	FAN-PL. COND.
A3410403	FUSE-20A (M2, M3)
A3410404	FUSE-25 AMP (M1)
20008301	HARNESS-HYDR HT (M4, M5, M6)
20517905	HTR 4 3.7KW ASSY (M2, M3)
20517906	HTR 4 5.0KW ASSY (M1)
11114907	MOTOR-FAN (M4)
11114908	MOTOR-FAN (M3)
11114909	MOTOR-FAN (M5, M6)
20475302	PC BOARD
C8873932	RELAY
C8873917	RELAY (M4, M5, M6)
B1337701	SWITCH-PADDLE
20295702	THERMISTOR
20295701	THERMISTOR
11172101	TRANSFORMER (M1, M2, M3)
B1378501	TRANSFORMER (M4, M5, M6)
11044101	WHEEL-BLOWER
10382323	WIRE ASSEMBLY
10382322	WIRE ASSEMBLY

M1 - PTC154B50BE	P1248863R
M2 - PTC124B35BE	P1248864R
M3 - PTC094B35BE	P1248865R
M4 - PTC093B00GE	P1250501R
M5 - PTC123B00GE	P1250502R
M6 - PTC153B00GE	P1250503R

SPECIAL PARTS

11113309	MANUAL-OWNERS
RP4210038	PARTS MANUAL
PDB_PTAC	PRODUCT DATA BOOK
RS4210003	SERVICE MANUAL
11046402	WARRANTY

Front/Chassis



Front/Chassis

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

11	20415201	FRONT (M1, M2, M3)
21	20415402	GRILLE-INTAKE (M1, M2, M3)
31	20415301	GRILLE-EXHAUST (M1, M2, M3)
51	20415601	HOUSING,CONTROL (M1, M2, M3)
61	20415801	FILTER (M1, M2, M3)
71	10690002	DOOR CATCH ASSY (M1, M2, M3)
81	11045102	CLIP-SIDE (M1, M2, M3)
91	M0293604	PALNUT (M1, M2, M3)
111	20480501	RESTRAINT-INLET GRI (M1, M2, M3)
NS	20415501	DOOR-CONTROL (M1, M2, M3)

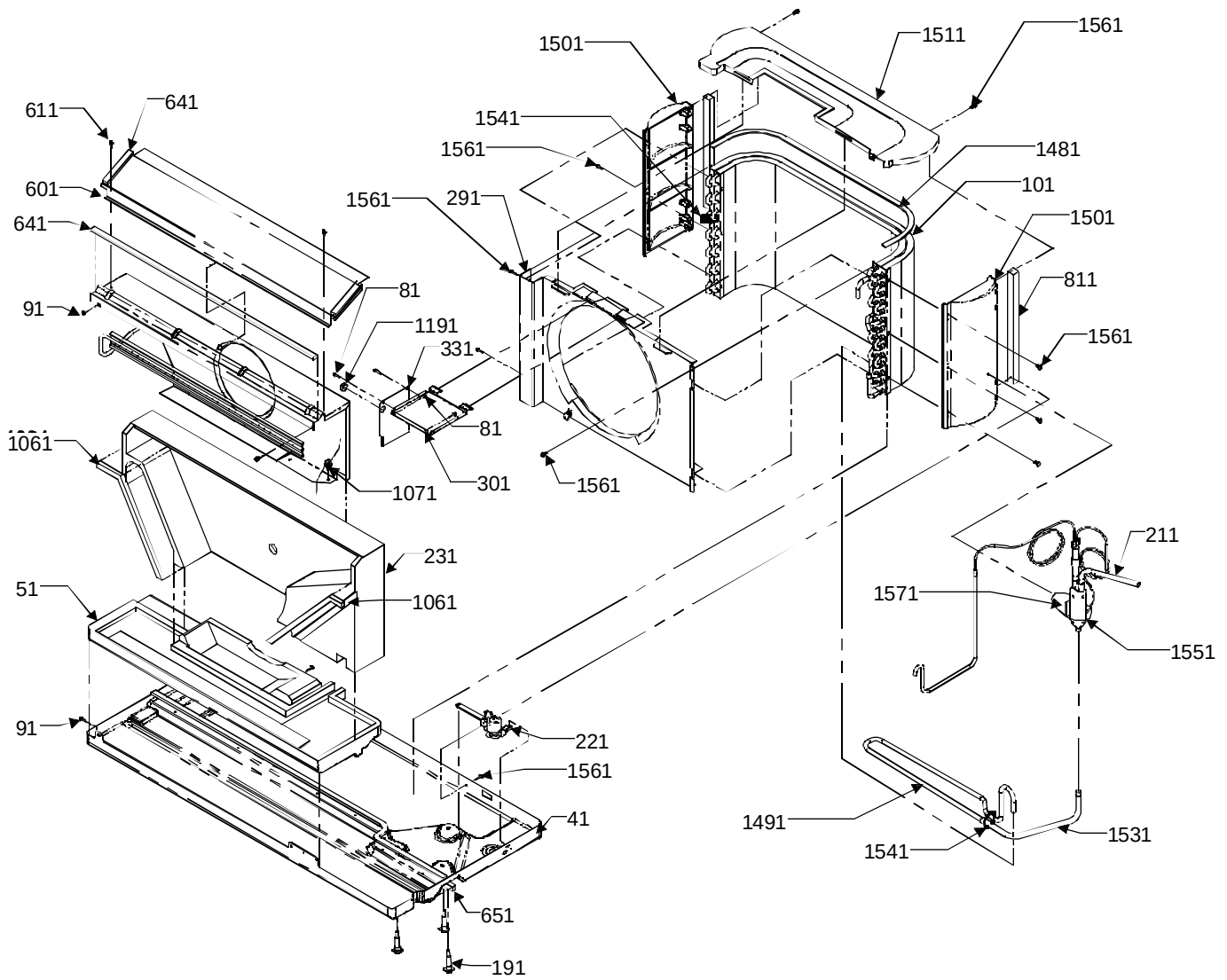
Image 2:

82	M0211216	SCREW-SM (QTY AR)
92	M0216716	SCREW-SM (QTY AR)
662	10839828	GASKET-.12X.50X43
682	M0275521	SEALER-PLASTIC (QTY 2)
962	11178201	INSUL
972	11178301	BUMPER
1302	20417402	INSUL-PARTITION PNL

Expanded Model Nomenclature

M1 - PTC154B50BE	P1248863R
M2 - PTC124B35BE	P1248864R
M3 - PTC094B35BE	P1248865R
M4 - PTC093B00GE	P1250501R
M5 - PTC123B00GE	P1250502R
M6 - PTC153B00GE	P1250503R

Chassis



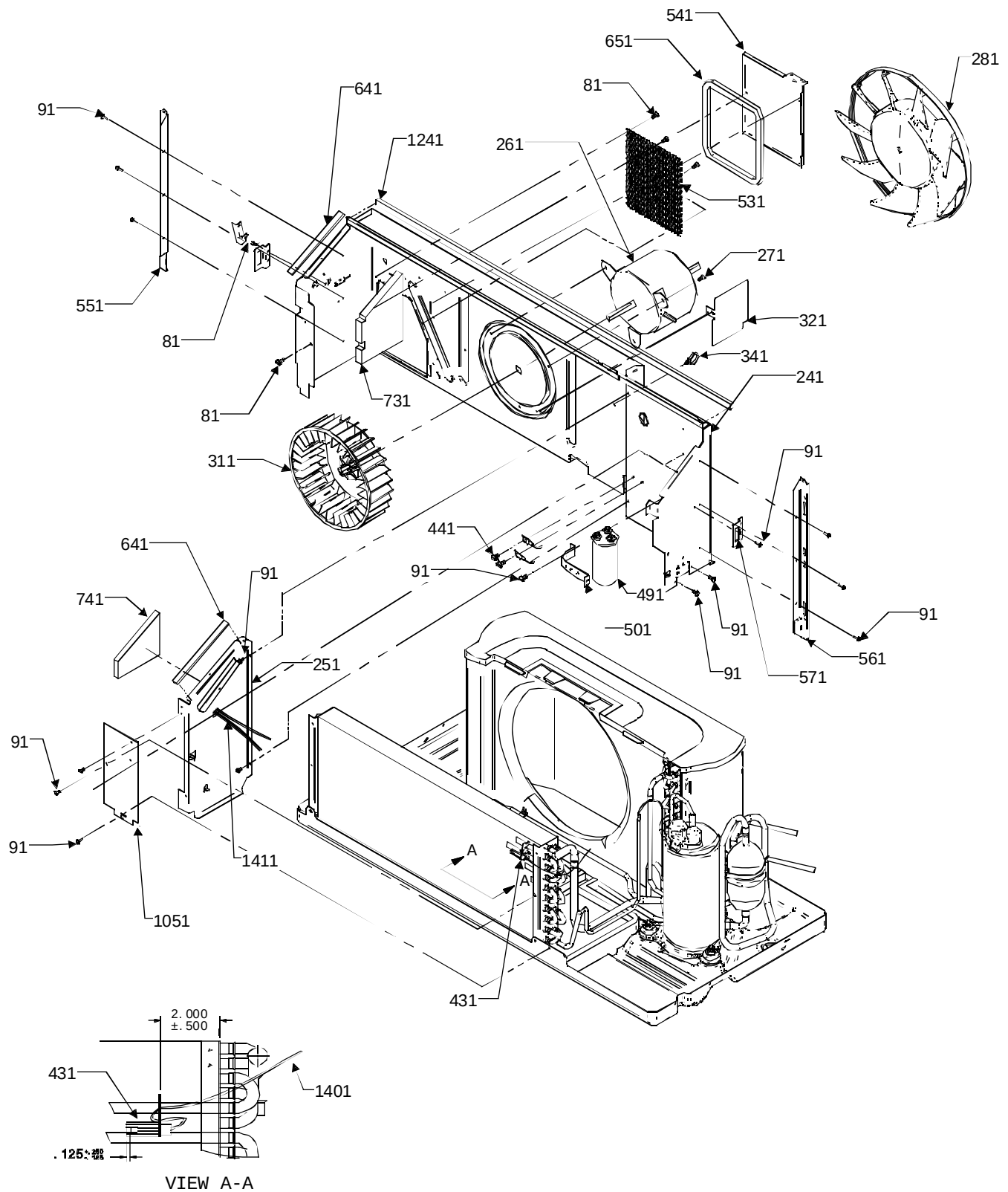
Chassis

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>			
41	20403507		BASEPAN PNT
51	20403802		PAD-EVAP
81	M0211216		SCREW-SM (QTY AR)
91	M0216716		SCREW-SM (QTY AR)
101	20456602		CONDENSING ASSY (M1, M2, M5, M6)
101	20456603		CONDENSING ASSY (M3, M4)
191	M0253610		SCREW-SHLDR (M1, M2, M5, M6)
191	M0253661		SCREW-SHLDR (M3, M4)
211	20417302		TUBE WELD-SUCT (M2, M5)
211	20466602		TUBE WELD-SUCT (M1, M6)
211	20469002		TUBE WELD-SUCT (M3, M4)
221	M0570805		PLUG-BUTTON
231	20356702		SCROLL-BLOWER
291	20401301		SHROUD-COND
301	11044201		BRACE-TIE
331	20417701		BAFFLE-TOP
601	11123904		SCREEN-PNT DISCH (M1, M2, M3)
611	M0204517		SCREW-SM STL ZINC (M1, M2, M3)
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
1191	A4554812		BUSHING-SNAP (M4, M5, M6)
1481	10839812		GASKET-.12X.50 (QTY 2)
1491	20453901		TUBE-SUBCOOLER
1501	20357001		SIDE COVER-COND (QTY 2)
1511	20396701		TOP COVER-COND
1531	20477802		TUBE-V-SLIT
1541	M0321202		TIE-ELEC LG (QTY 3)
1551	M0322201		TIE-ELEC
1561	M0211018		SCREW-SM #8-5/8LG (QTY AR)
1571	10839827		GASKET-CUT

Expanded Model Nomenclature

M1 - PTC154B50BE	P1248863R
M2 - PTC124B35BE	P1248864R
M3 - PTC094B35BE	P1248865R
M4 - PTC093B00GE	P1250501R
M5 - PTC123B00GE	P1250502R
M6 - PTC153B00GE	P1250503R

Chassis



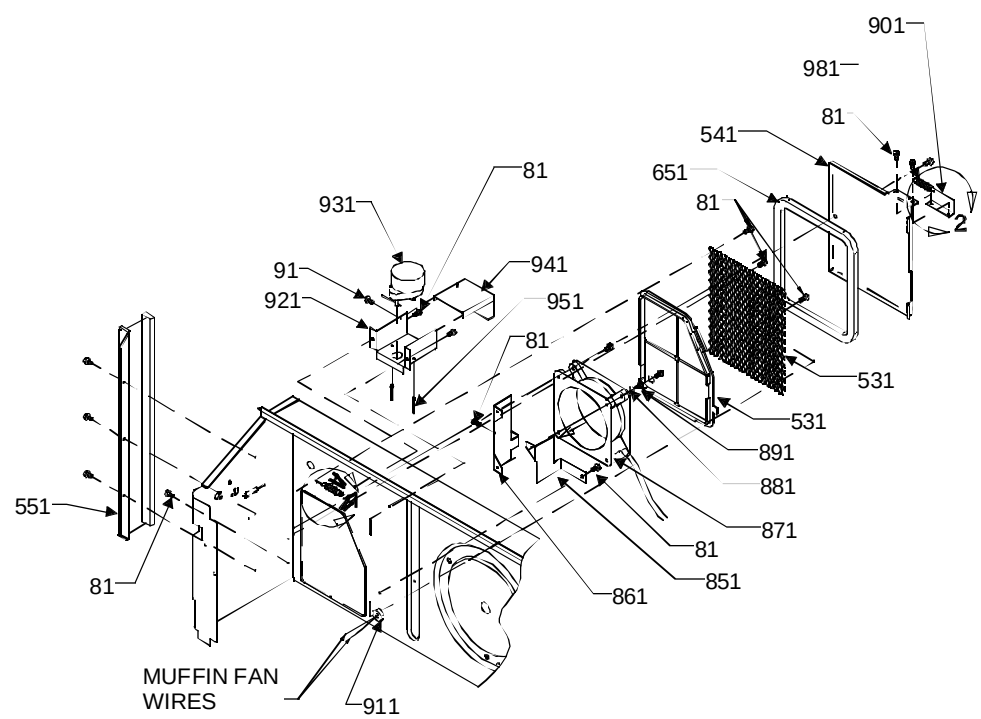
Chassis

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>			
81	M0211216		SCREW-SM (QTY AR)
91	M0216716		SCREW-SM (QTY AR)
241	20403104		PANEL-PTN
251	20403302		PANEL-MID PTN
261	11114907		MOTOR-FAN (M4)
261	11114908		MOTOR-FAN (M3)
261	11114909		MOTOR-FAN (M5, M6)
261	11114910		MOTOR-FAN (M1, M2)
271	M0224956		SCREW-TAP R (QTY 3)
281	20414601		FAN-PL. COND.
311	11044101		WHEEL-BLOWER
321	20480901		BAFFLE-COND INLT
341	M0118702		CLIP-GUIDE
431	20075601		CLIP-T'STAT
441	M0227803		SCREW-TC (QTY 2)
491	D6789051		CAPACITOR (M5)
491	D6789025		CAPACITOR-METAL (M1)
491	D6789049		CAPACITOR-POLY (M6)
491	D6789054		CAPACITOR-ROUND (M4)
491	D6789060		CAPACITOR-ROUND (M2)
491	D6789063		CAPACITOR-ROUND (M3)
501	C6300502		STRAP-CAPACITOR (M2, M3, M4, M5, M6)
501	C6300503		STRAP-CAPACITOR (M1)
531	20304003		SHIELD-PROTECTION
541	11046105		DOOR-VENT
551	20416201		SEAL-L SIDE
561	20416101		SEAL-R SIDE
571	11191703		BRKT-PART PAN (QTY 2)
641	20455902		GASKET .50X.25 (QTY AR)
651	10839808		GASKET-.37X.50 (QTY AR)
731	11122901		INSUL-LEFT
741	11123001		INSUL-RIGHT
1051	20410801		COVER-ACCESS
1241	10839807		GASKET-.37X.75 (QTY 3)
1401	20295701		THERMISTOR
NS	B1160701		BOARD-TERM (M2, M3, M4, M5, M6)

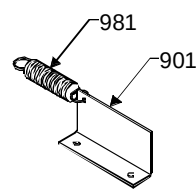
Expanded Model Nomenclature

M1 - PTC154B50BE	P1248863R
M2 - PTC124B35BE	P1248864R
M3 - PTC094B35BE	P1248865R
M4 - PTC093B00GE	P1250501R
M5 - PTC123B00GE	P1250502R
M6 - PTC153B00GE	P1250503R

Hydronic Door/Power Vent



MODELS WITH POWERVENT OR POWER DOOR



DETAIL 2

Hydronic Door/Power Vent

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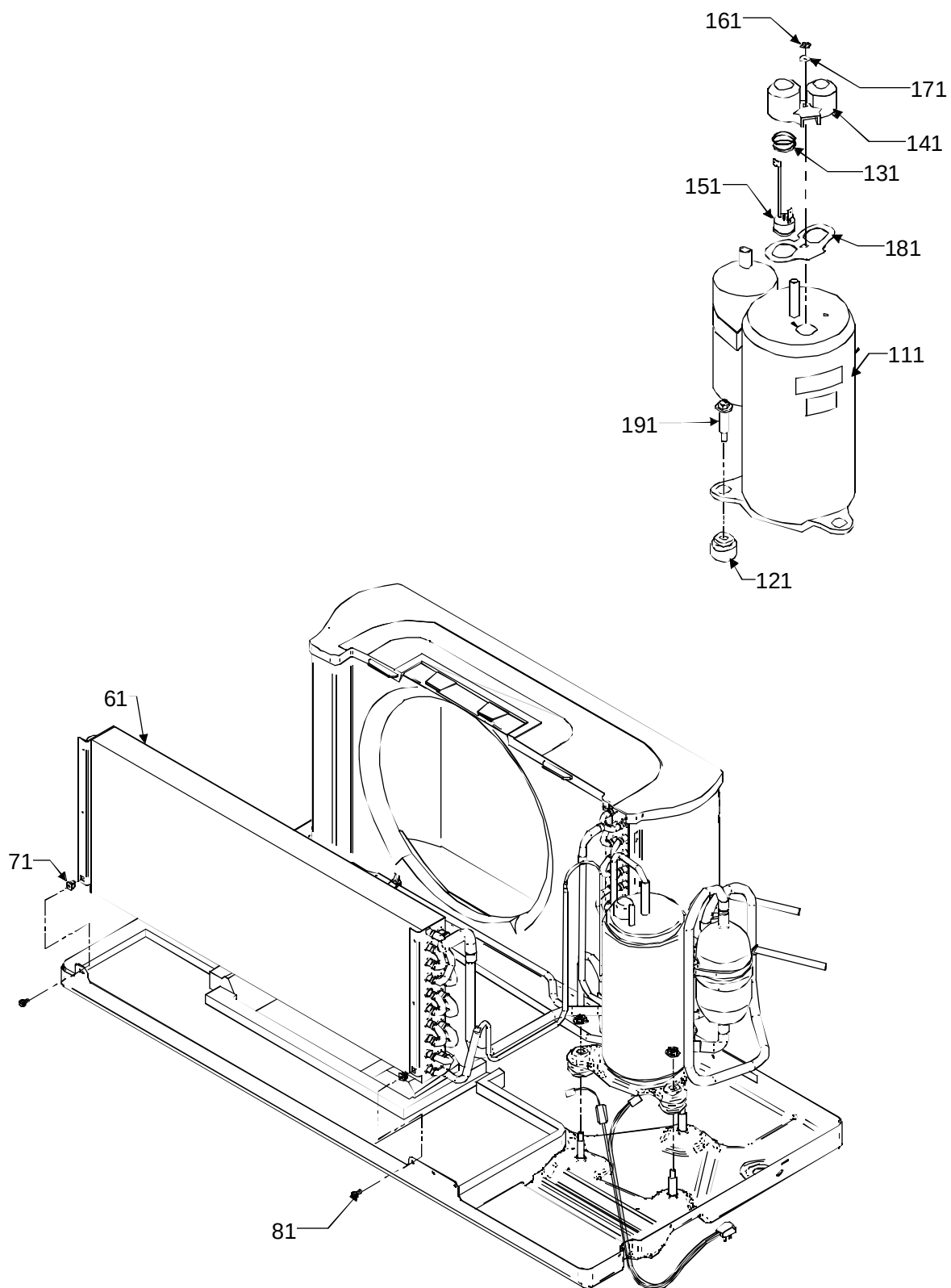
Image 1:

81	M0211216	SCREW-SM (QTY AR)
91	M0216716	SCREW-SM (QTY AR)
531	20304003	SHIELD-PROTECTION
541	11046105	DOOR-VENT
551	20416201	SEAL-L SIDE
651	10839808	GASKET-.37X.50 (QTY AR)
851	11135801	BRKT-R FAN
861	11145801	BRKT-L FAN
871	11149201	FAN-MUFFIN
881	M0272802	WASHER-LOCK (QTY 2)
891	M0211011	SCREW-SM (QTY 3)
901	11166301	BRKT-PWR VENT
911	M0370005	RELIEF-STRAIN
921	11166101	BRKT-MOTOR
931	11172801	MOTOR
941	11166201	BRKT-COVER
951	A4539606	RIVET-POP (QTY 2)
981	11166401	SPRING-EXTENSION

Expanded Model Nomenclature

M1 - PTC154B50BE	P1248863R
M2 - PTC124B35BE	P1248864R
M3 - PTC094B35BE	P1248865R
M4 - PTC093B00GE	P1250501R
M5 - PTC123B00GE	P1250502R
M6 - PTC153B00GE	P1250503R

Compressor Assy



Compressor Assy

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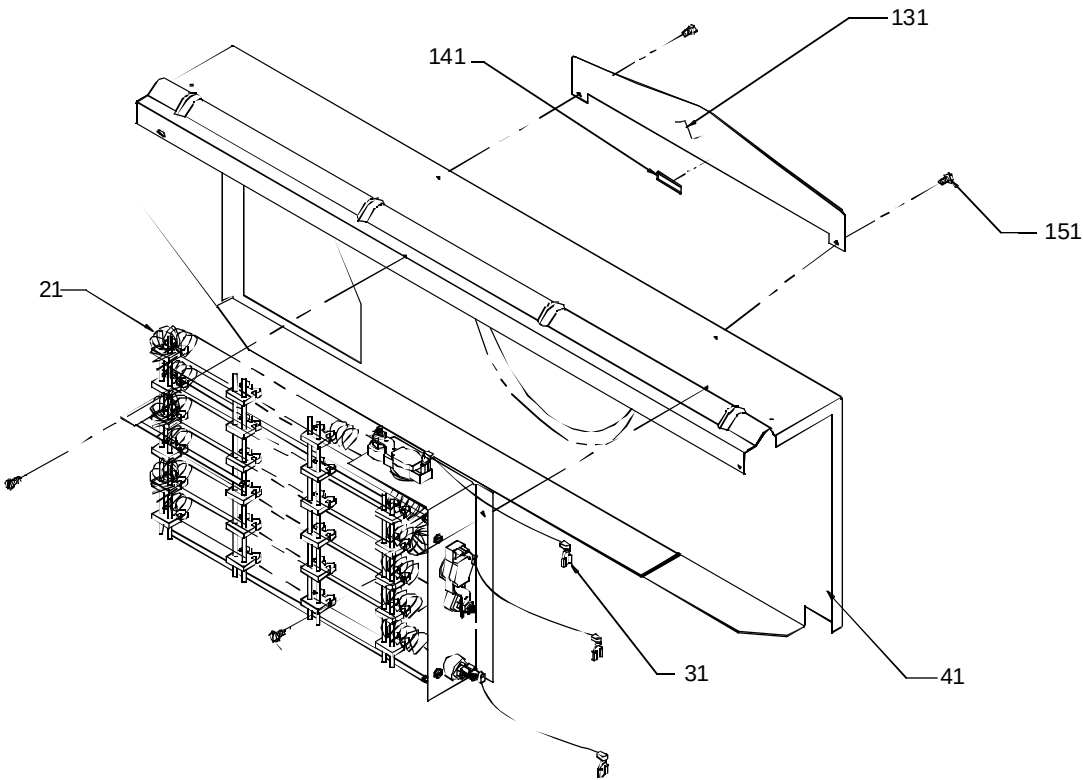
Image 1:

61	20456702	EVAPORATOR ASSY (M1, M2, M5, M6)
61	20457202	EVAPORATOR ASSY (M3, M4)
71	A3315701	GROMMET (QTY 2)
81	M0211216	SCREW-SM (QTY AR)
111	D6926122	COMP 2K21T276A-UA (M1)
111	D6926124	COMP-PN 2P17S3R236A (M5)
111	D6985810	COMP-PN 2P17S3R276A (M2)
111	D6887711	COMP-PN 2R13S3R236A (M4)
111	D6887712	COMP-PN 2R13S3R276A (M3)
111	D6926123	COMPRESSOR 2K21T236 (M6)
121	A3448602	GROMMET (M1, M2, M5, M6)
121	A4622801	GROMMET (M3, M4)
131	A3436901	SPRING-OVERLOAD
141	10329001	COVER-TERM
151	D4976682	OVERLOAD (M6)
151	D6961612	OVERLOAD (M5)
151	D6961639	OVERLOAD (M4)
151	D6961642	OVERLOAD (M3)
151	D6961643	OVERLOAD (M2)
151	D6961657	OVERLOAD (M1)
161	A3436601	NUT-TERM COVER
171	A3436801	GASKET-NUT
181	A3436701	GASKET-TERM COVER
191	M0253610	SCREW-SHLDR (M1, M2, M5, M6)
191	M0253661	SCREW-SHLDR (M3, M4)

Expanded Model Nomenclature

M1 - PTC154B50BE	P1248863R
M2 - PTC124B35BE	P1248864R
M3 - PTC094B35BE	P1248865R
M4 - PTC093B00GE	P1250501R
M5 - PTC123B00GE	P1250502R
M6 - PTC153B00GE	P1250503R

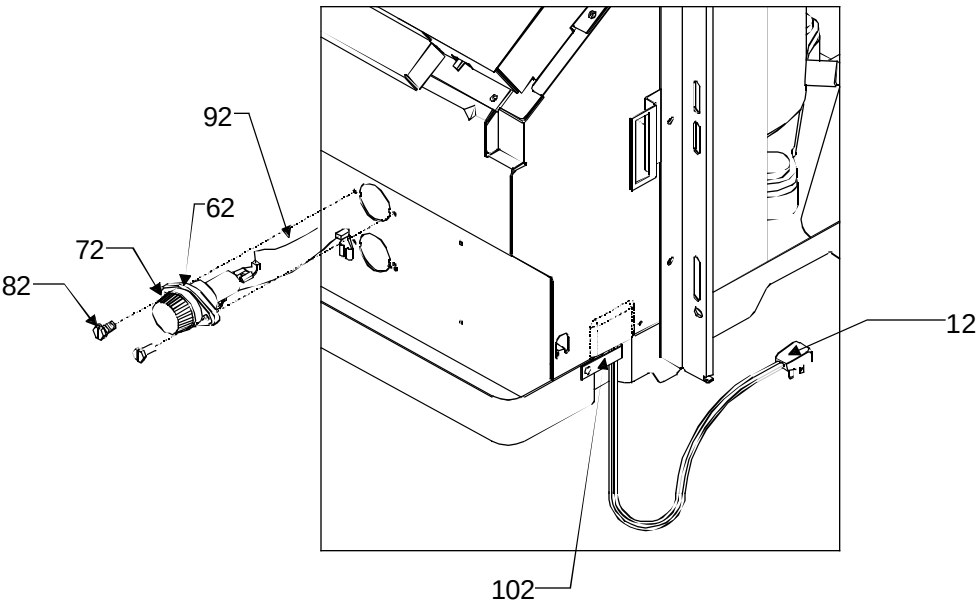
Shroud/Power Cord/Fuses



2 STAGE HEAT

Image 1

Image 2



Shroud/Power Cord/Fuses

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

21	20517905	HTR 4 3.7KW ASSY (M2, M3)
21	20517906	HTR 4 5.0KW ASSY (M1)
31	20260805	WIRE-JUMPER BR34 (M2, M3)
41	20364801	INTAKE-BLOWER PTC
131	20481001	INTAKE EXT-BLWR
141	10839722	GASKET .25X.06
151	M0216716	SCREW-SM (QTY 2)

Image 2:

12	11114401	CORD-250V 15A (M4, M5, M6)
12	11114801	CORD-277V 30A (M1)
12	11114701	CORD-277V-20A (M2, M3)
62	C6476002	HOLDER-BAYONET FUSE (M2, M3)
62	C6476003	HOLDER-BAYONET FUSE (M1)
72	A3410403	FUSE-20A (M2, M3)
72	A3410404	FUSE-25 AMP (M1)
82	M0213817	SCREW-SM (M1, M2, M3)
92	10618850	WIRE-JUMPER BK18 (M1, M2, M3)
102	M0103905	CLAMP-SPEED (M4, M5, M6)
102	M0103906	CLAMP-SPEED (M1, M2, M3)

Expanded Model Nomenclature

M1 - PTC154B50BE	P1248863R
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M3 - PTC094B35BE	P1248865R
M4 - PTC093B00GE	P1250501R
M5 - PTC123B00GE	P1250502R
M6 - PTC153B00GE	P1250503R

Control Panel

Image 1

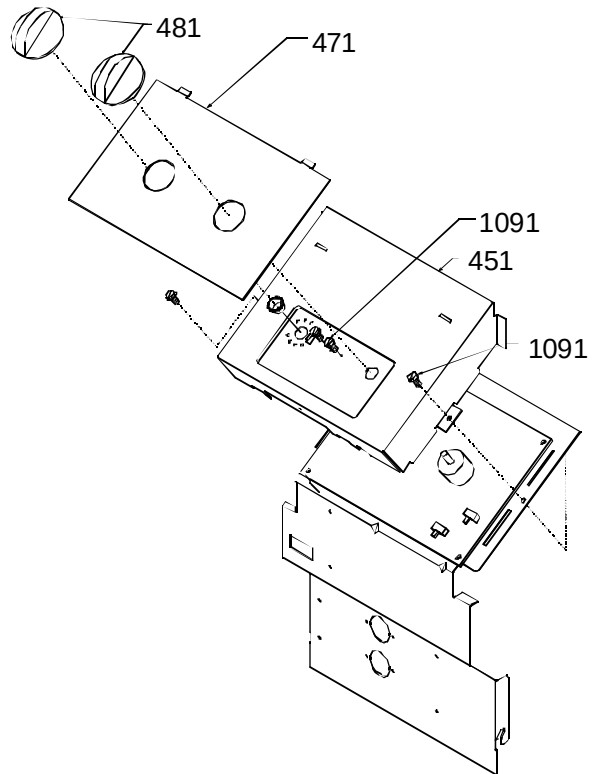
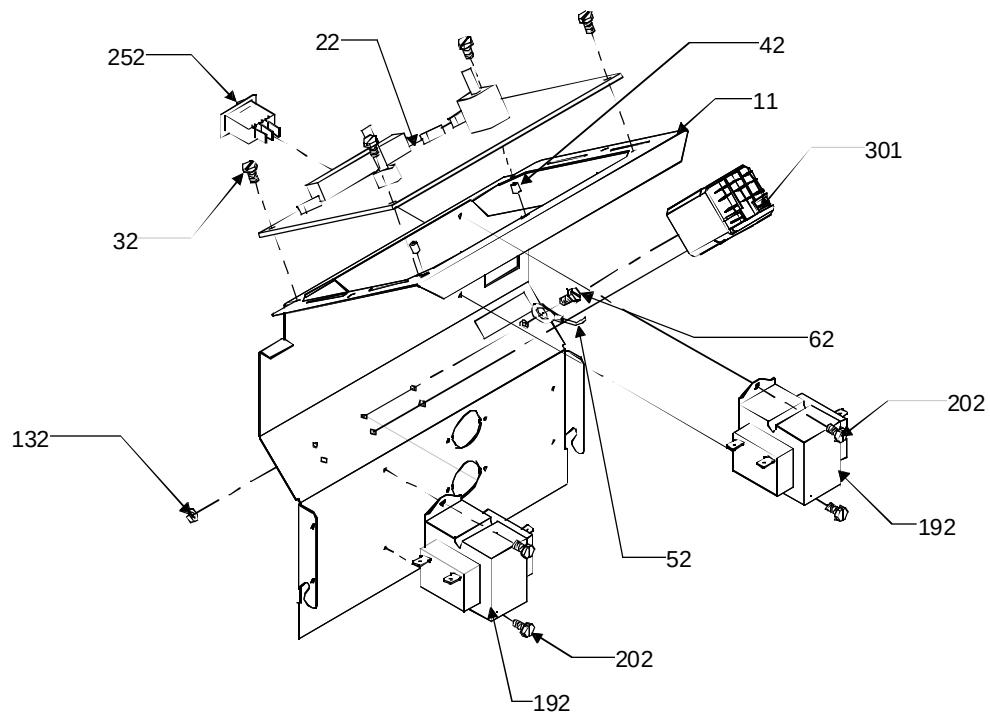


Image 2



Control Panel

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

451	11044404	COVER-CONT PNL
471	20480702	PLATE-ESC (M1, M2, M3)
481	11042903	KNOB-CONTROL (M1, M2, M3)
1091	M0216529	SCREW-SM (QTY 2)
NS	20295702	THERMISTOR

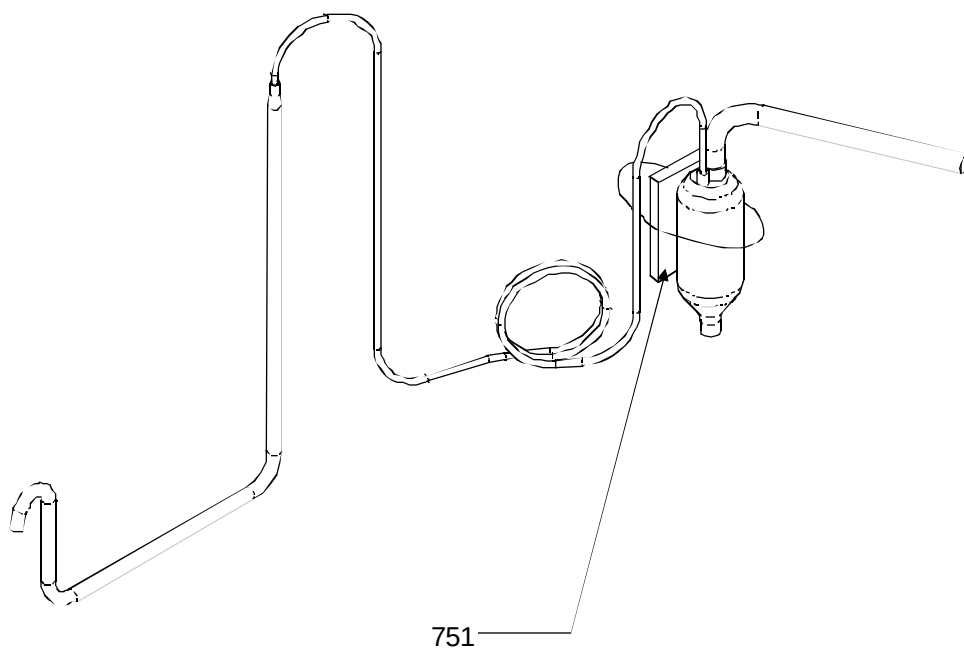
Image 2:

12	11044505	PANEL-CONTROL
22	20475302	PC BOARD
32	M0216529	SCREW-SM (QTY 4)
42	M0590702	SUPPORT (QTY 2)
62	M0227803	SCREW-TC
82	C8873917	RELAY (M4, M5, M6)
132	M0282005	NUT-KEPS
142	B1378501	TRANSFORMER (M4, M5, M6)
162	20008301	HARNESS-HYDR HT (M4, M5, M6)
192	11172101	TRANSFORMER (M1, M2, M3)
202	M0216716	SCREW-SM (QTY 4)
252	B1337701	SWITCH-PADDLE
262	C8873932	RELAY

Expanded Model Nomenclature

M1 - PTC154B50BE	P1248863R
M2 - PTC124B35BE	P1248864R
M3 - PTC094B35BE	P1248865R
M4 - PTC093B00GE	P1250501R
M5 - PTC123B00GE	P1250502R
M6 - PTC153B00GE	P1250503R

Filter Drier



Filter Drier

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

Image 1:

751	20284916	CAPILLARY WELDMENT (M3, M4)
751	20284917	CAPILLARY WELDMENT (M2, M5)
751	20284918	CAPILLARY WELDMENT (M1, M6)

Expanded Model Nomenclature

M1 - PTC154B50BE	P1248863R
M2 - PTC124B35BE	P1248864R
M3 - PTC094B35BE	P1248865R
M4 - PTC093B00GE	P1250501R
M5 - PTC123B00GE	P1250502R
M6 - PTC153B00GE	P1250503R