

Models and manufacturing
numbers in this manual

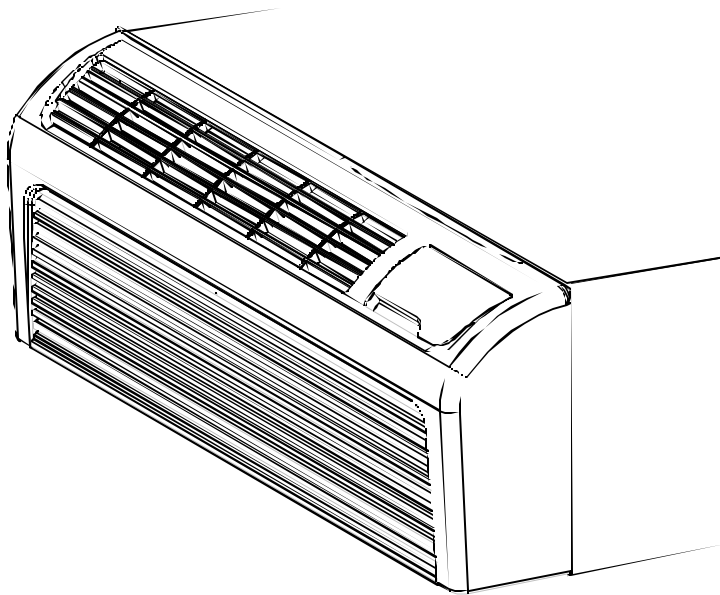
PTC073B00PE	P1250515R
PTC073B00PJ	P1250526R
PTC123B00PE	P1250516R
PTC123B00PJ	P1250527R
PTC153B00PE	P1250517R
PTC153B00PJ	P1250528R

Service Parts

PTC*B*PE/J Package Terminal Air Conditioner with Power Vent

This manual replaces RP4210024.

This manual is to be used by qualified appliance technicians only.



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RP4210024
Revision 1
November 2004

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Important Information

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.

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

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Functional Parts List 5

Illustration and Parts 6 - 19

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

Revision 1: Adds PTC*P*J models with power vent and new LCD power cord.

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	P _____
M2 - Model#2	P _____
M3 - Model#3	P _____

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Functional Parts

Part

No: Description:

B1160701	BOARD-TERM
D6789051	CAPACITOR (M2, M5)
D6789049	CAPACITOR-POLY (M3, M6)
D6789054	CAPACITOR-ROUND (M1, M4)
20284917	CAPILLARY TUBING ASSEMBLY (M2, M5)
20284918	CAPILLARY TUBING ASSEMBLY (M3, M6)
20284915	CAPILLARY TUBING ASSEMBLY (M1, M4)
D6926123	COMPRESSOR 2K21T236 (M3, M6)
D6985807	COMPRESSOR 2P17S3R236A (M2, M5)
D6887715	COMPRESSOR 2R9U236A6A (M1, M4)
20466203	CONDENSING ASSEMBLY (M1, M4)
20456604PDG	CONDENSING ASSEMBLY (M2, M3, M5, M6)
20473902	EVAPORATOR ASSY (M1, M4)
20456702	EVAPORATOR ASSY (M2, M3, M5, M6)
11149201	FAN-MUFFIN
20414601	FAN-PL. COND.
20008301	HARNESS-HYDR HT
11172801	MOTOR POWER VENT
11114907	MOTOR-FAN (M1, M4)
11114909	MOTOR-FAN (M2, M3, M5, M6)
D4976682	OVERLOAD (M3)
D6961612	OVERLOAD (M2, M5)
D6961636	OVERLOAD (M1, M4)
20475302	PC BOARD
C8873917	RELAY HYDRONIC
C8873932	RELAY POWER VENT
B1337701	SWITCH-PADDLE
20295707	THERMISTOR
20295706	THERMISTOR
B1378501	TRANSFORMER HYDRONIC (QTY 2)
11044101	WHEEL-BLOWER
10618849	WIRE-JUMPER GN1

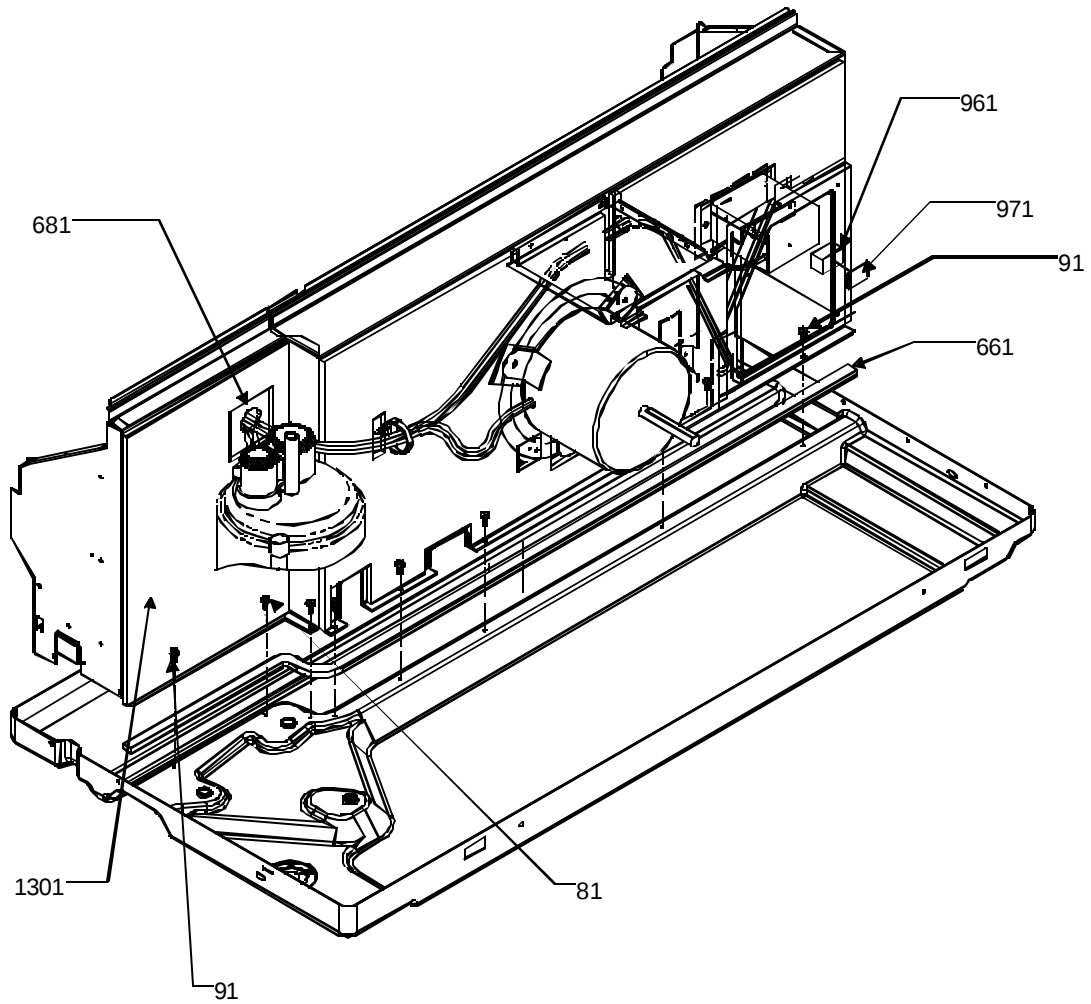
SPECIAL PARTS

11113309	MANUAL-OWNERS (M1, M2, M3)
11113311	MANUAL-OWNERS (M4, M5, M6)
RP4210024	REPAIR PARTS MANUAL
RS4200003	SERVICE MANUAL
11046402	WARRANTY

Expanded Model Nomenclature

M1 - PTC073B00PE	P1250515R
M2 - PTC123B00PE	P1250516R
M3 - PTC153B00PE	P1250517R
M4 - PTC073B00PJ	P1250526R
M5 - PTC123B00PJ	P1250527R
M6 - PTC153B00PJ	P1250528R

Chassis



Chassis

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

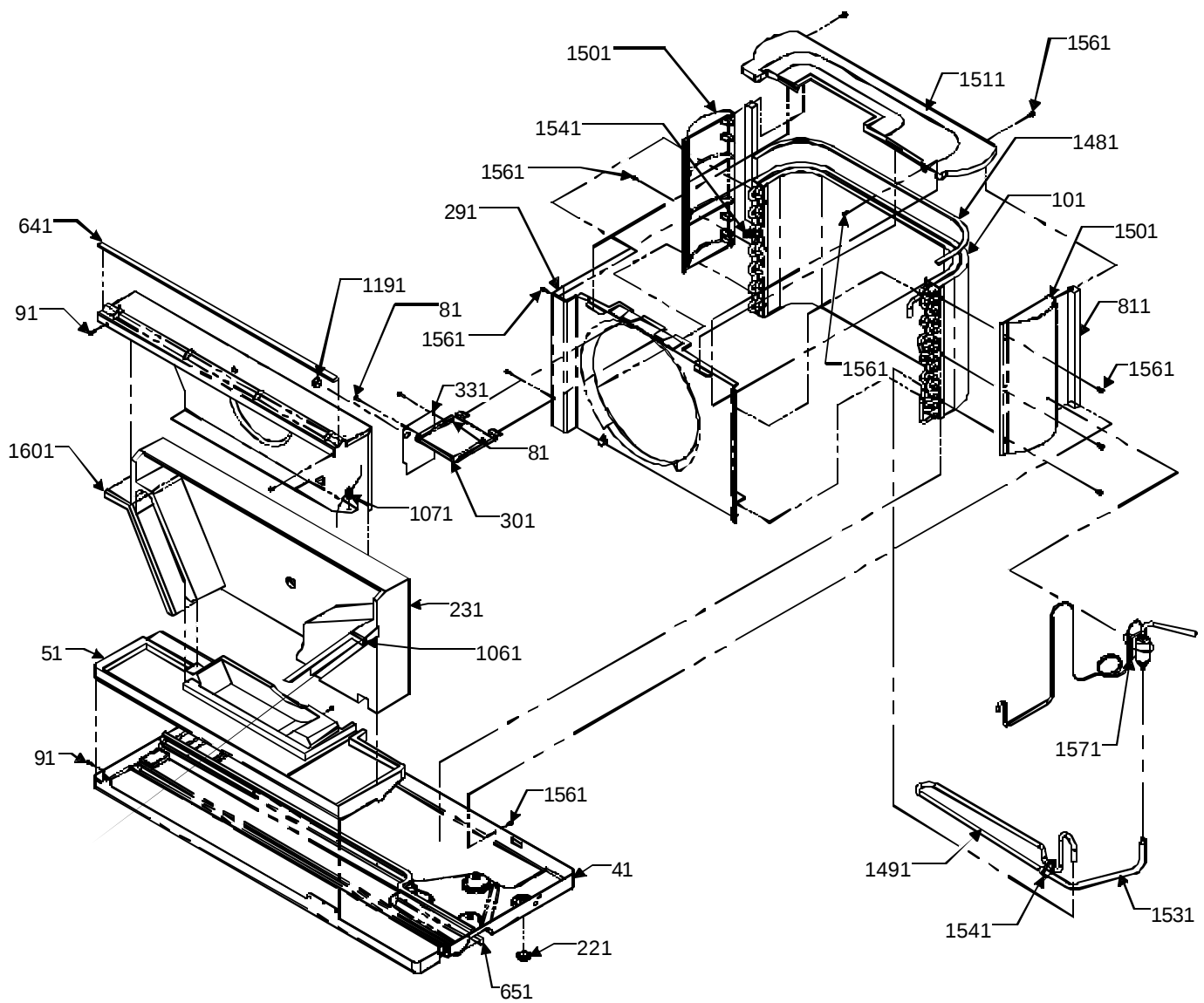
Image 1:

81	M0211216	SCREW-SM (QTY AR)
91	M0216716	SCREW-SM (QTY AR)
661	10839828	GASKET-.12X.50X43
681	M0275521	SEALER-PLASTIC (QTY 2)
961	11178201	INSUL
971	11178301	BUMPER
1301	20417402	INSUL-PARTITION PNL

Expanded Model Nomenclature

M1 - PTC073B00PE	P1250515R
M2 - PTC123B00PE	P1250516R
M3 - PTC153B00PE	P1250517R
M4 - PTC073B00PJ	P1250526R
M5 - PTC123B00PJ	P1250527R
M6 - PTC153B00PJ	P1250528R

Chassis



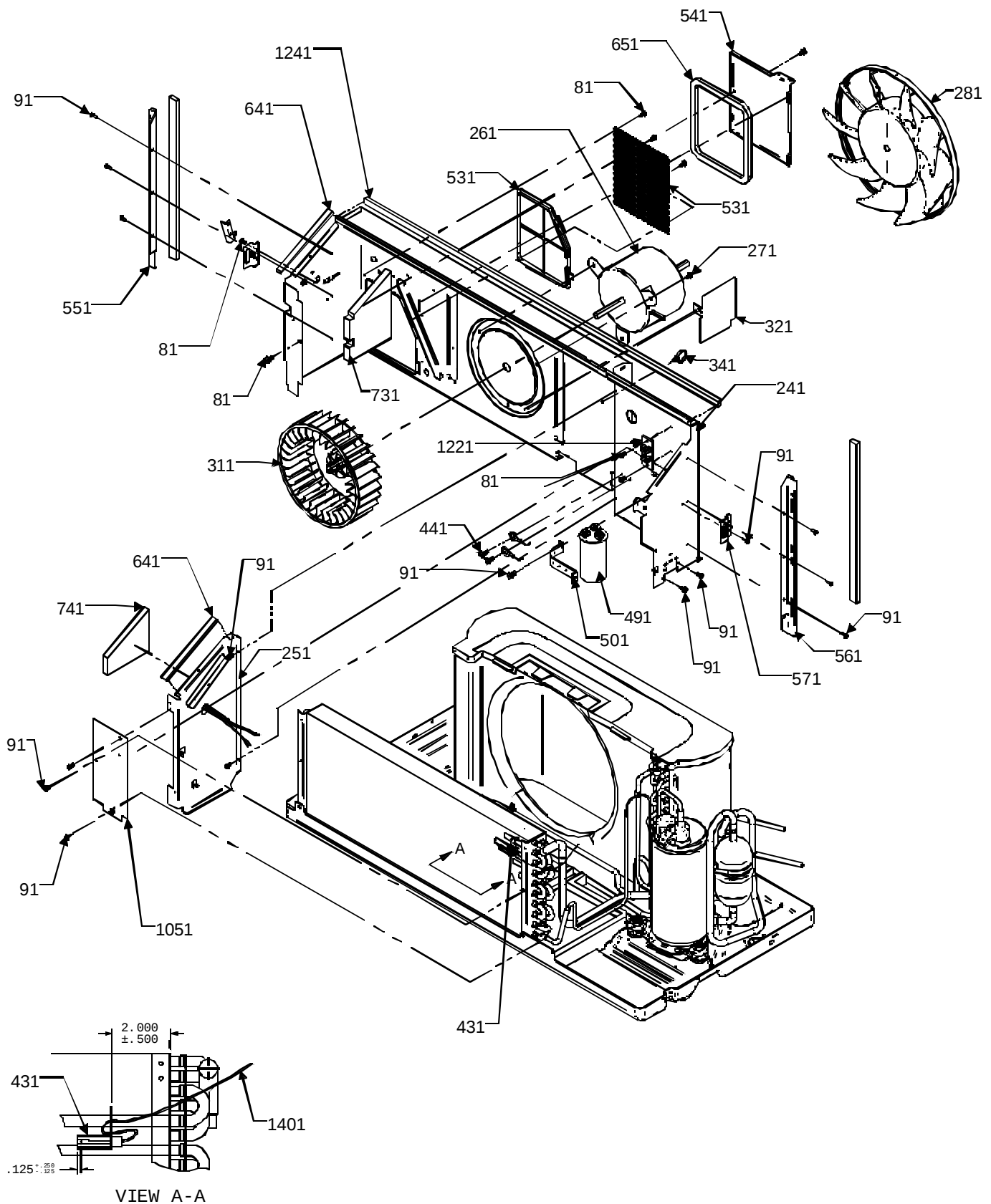
Chassis

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>			
41	20403508		BASEPAN PNT
51	20403802		PAD-EVAP
81	M0211216		SCREW-SM (QTY AR)
91	M0216716		SCREW-SM (QTY AR)
101	20456604PDG		CONDENSING ASSEMBLY (M2, M3, M5, M6)
101	20466203		CONDENSING ASSEMBLY (M1, M4)
221	M0570805		PLUG-BUTTON
231	20356702		SCROLL-BLOWER
291	20401301		SHROUD-COND
301	11044201PDG		TIE BRACE-PNT PTC
331	20417701		BAFFLE-TOP (M1, M2, M3)
331	20417702		BAFFLE-TOP PTC (M4, M5, M6)
641	20455902		GASKET .50X.25 (QTY 7)
651	10839808		GASKET-.37X.50 (QTY 3)
811	20455901		GASKET .62X.75 (QTY 2)
1061	10839706		GASKET .50X.50 (QTY 2)
1071	M0120801		CLIP-GUIDE
1191	A4554812		BUSHING-SNAP
1481	10839812		GASKET-.12X.50 (QTY 2)
1491	20453901		TUBE-SUBCOOLER (M2, M3, M5, M6)
1501	20357001		SIDE COVER-CONDENSOR (QTY 2)
1511	20396701		TOP COVER-CONDENSOR
1531	20477802		TUBE-V-SLIT (M2, M3, M5, M6)
1541	M0321202		TIE-ELEC LG (QTY 2)
1551	M0322201		TIE-ELEC
1561	M0211018		SCREW-SM #8-5/8LG (QTY AR)
1571	10839827		GASKET-CUT

Expanded Model Nomenclature

M1 - PTC073B00PE	P1250515R
M2 - PTC123B00PE	P1250516R
M3 - PTC153B00PE	P1250517R
M4 - PTC073B00PJ	P1250526R
M5 - PTC123B00PJ	P1250527R
M6 - PTC153B00PJ	P1250528R

Chassis



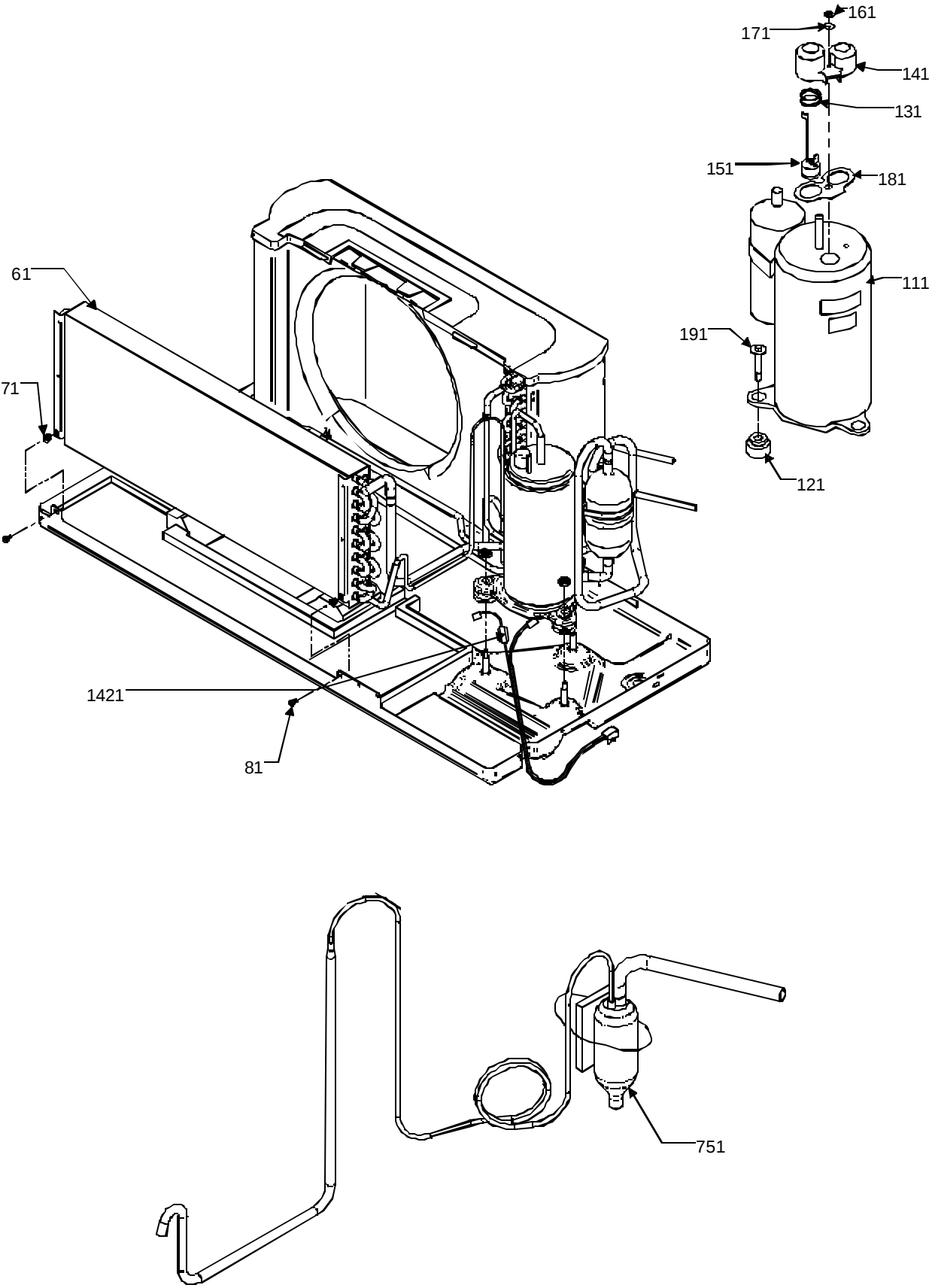
Chassis

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	20403106PDG	PANEL-PTN PNT PTC	
251	20403302	PANEL-MID PTN	
261	11114907	MOTOR-FAN (M1, M4)	
261	11114909	MOTOR-FAN (M2, M3, M5, M6)	
271	M0224956	SCREW-TAP R (QTY 3)	
281	20414601	FAN-PL. COND.	
311	11044101	WHEEL-BLOWER	
321	20480901	BAFFLE-COND INLT PT (M1, M2, M3)	
321	20480902	BAFFLE-COND INLT PT (M4, M5, M6)	
341	M0118702	CLIP-GUIDE	
431	20075601	CLIP-T'STAT (M1, M2, M3)	
441	M0227803	SCREW-TC (QTY 2)	
491	D6789051	CAPACITOR (M2, M5)	
491	D6789049	CAPACITOR-POLY (M3, M6)	
491	D6789054	CAPACITOR-ROUND (M1, M4)	
501	C6300502	STRAP-CAPACITOR	
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 7)	
651	10839808	GASKET-.37X.50 (QTY 3)	
661	10839828	GASKET-.12X.50X43	
711	M0211345	SCREW-SM (QTY 6)	
731	11122901	INSUL-LEFT	
741	11123001	INSUL-RIGHT	
1051	20410801	COVER-ACCESS	
1221	B1160701	BOARD-TERM	
1241	10839807	GASKET-.37X.75 (QTY 3)	
1401	20295706	THERMISTOR	
NS	20295707	THERMISTOR	

Expanded Model Nomenclature

M1 - PTC073B00PE	P1250515R
M2 - PTC123B00PE	P1250516R
M3 - PTC153B00PE	P1250517R
M4 - PTC073B00PJ	P1250526R
M5 - PTC123B00PJ	P1250527R
M6 - PTC153B00PJ	P1250528R

Compressor/Tubing



Compressor/Tubing

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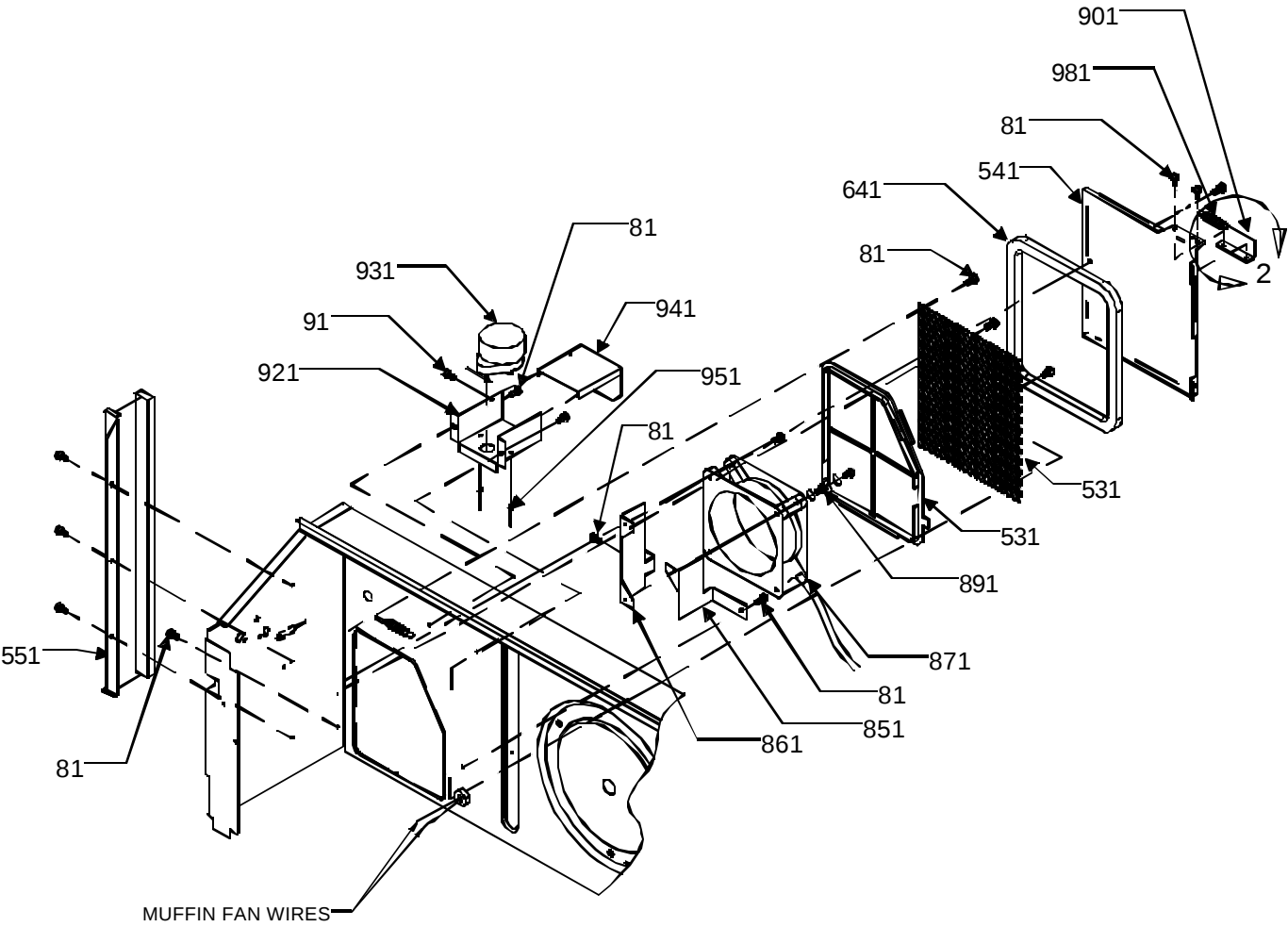
Image 1:

61	20456702	EVAPORATOR ASSY (M2, M3, M5, M6)
61	20473902	EVAPORATOR ASSY (M1, M4)
71	A3315701	GROMMET (M1, M2, M3)
81	M0211216	SCREW-SM (QTY AR)
111	D6926123	COMPRESSOR 2K21T236 (M3, M6)
111	D6985807	COMPRESSOR 2P17S3R236A (M2, M5)
111	D6887715	COMPRESSOR 2R9U236A6A (M1, M4)
121	A3448602	GROMMET (M2, M3, M5, M6)
121	A4622801	GROMMET (M1, M4)
131	A3436901	SPRING-OVERLOAD (M1, M2, M3, M4, M5)
141	10329001	COVER-TERM
151	D4976682	OVERLOAD (M3)
151	D6961612	OVERLOAD (M2, M5)
151	D6961636	OVERLOAD (M1, M4)
161	A3436601	NUT-TERM COVER
171	A3436801	GASKET-NUT
181	A3436701	GASKET-TERM COVER
191	M0253610	SCREW-SHLDR (M2, M3, M5, M6)
191	M0253661	SCREW-SHLDR (M1, M4)
751	20284915	CAPILLARY TUBING ASSEMBLY (M1, M4)
751	20284917	CAPILLARY TUBING ASSEMBLY (M2, M5)
751	20284918	CAPILLARY TUBING ASSEMBLY (M3, M6)
1421	20320702	CLAMP ON FERRITE (M1, M2, M3)

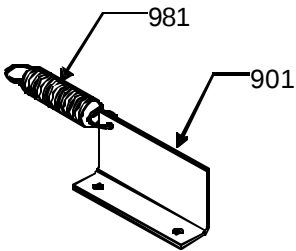
Expanded Model Nomenclature

M1 - PTC073B00PE	P1250515R
M2 - PTC123B00PE	P1250516R
M3 - PTC153B00PE	P1250517R
M4 - PTC073B00PJ	P1250526R
M5 - PTC123B00PJ	P1250527R
M6 - PTC153B00PJ	P1250528R

Power Vent



MODELS WITH POWERVERT OR POWER DOOR



Power Vent

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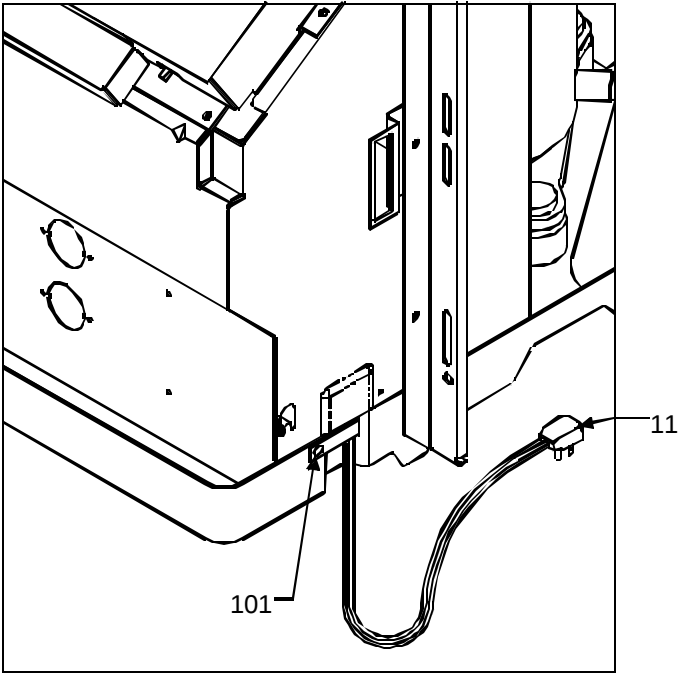
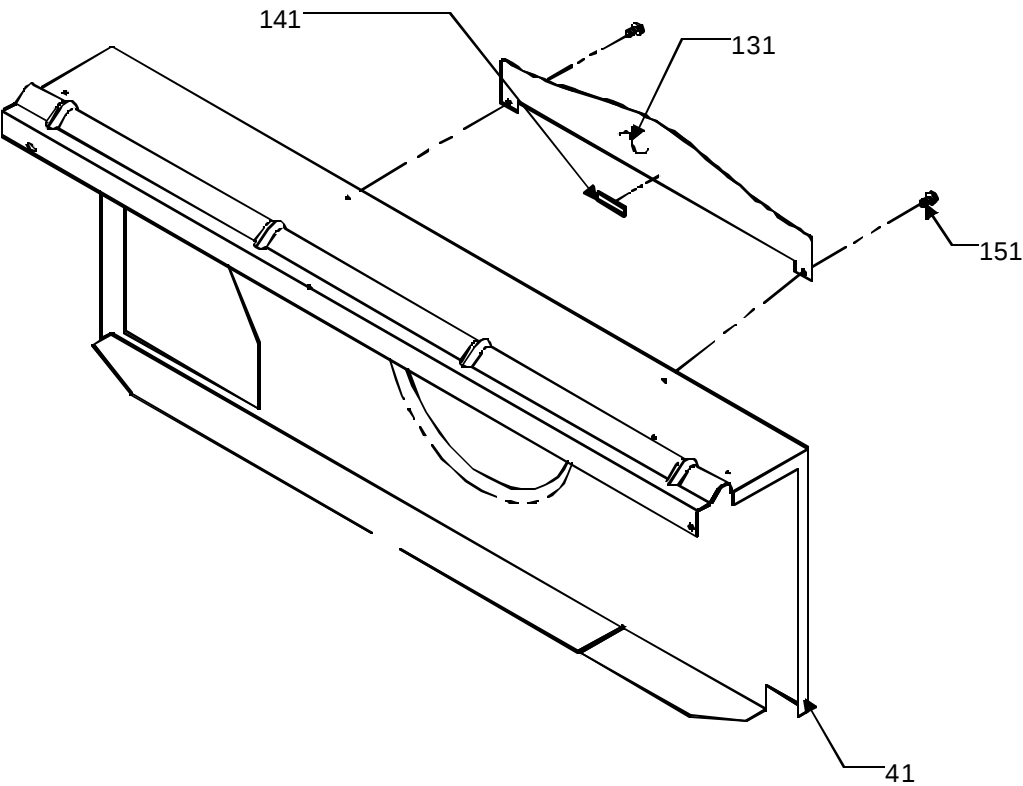
Image 1:

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
641	20455902	GASKET .50X.25 (QTY 7)
851	11135801PDG	FAN BRACKET-R-PNT P
861	11145801PDG	FAN BRKT-L-PNT PTC
871	11149201	FAN-MUFFIN
891	M0211011	SCREW-SM (QTY 3)
901	11166301PDG	BRKT-PNT PWR VNT PT
921	11166101PDG	BRKT-PNT MOTOR PTC
931	11172801	MOTOR POWER VENT
941	11166201PDG	BRKT-PNT COVER PTC
951	A4539606	RIVET-POP (QTY 2)
981	11166401	SPRING-EXTENSION

Expanded Model Nomenclature

M1 - PTC073B00PE	P1250515R
M2 - PTC123B00PE	P1250516R
M3 - PTC153B00PE	P1250517R
M4 - PTC073B00PJ	P1250526R
M5 - PTC123B00PJ	P1250527R
M6 - PTC153B00PJ	P1250528R

Heater



Heater

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

11	22309901	CORD-230V 15AMP (M1, M2, M3)
11	11114401	CORD-250V 15AMP (M4, M5, M6)
41	20364804	INTAKE EXT-BLWR (M4, M5, M6)
41	20364802	INTAKE-BLOWER
101	M0103905	CLAMP-SPEED
131	20515304	INTAKE EXT-BLWR (M1, M2, M3)
141	10839722	GASKET .25X.06
151	M0216716	SCREW-SM (QTY 2)

Expanded Model Nomenclature

M1 - PTC073B00PE	P1250515R
M2 - PTC123B00PE	P1250516R
M3 - PTC153B00PE	P1250517R
M4 - PTC073B00PJ	P1250526R
M5 - PTC123B00PJ	P1250527R
M6 - PTC153B00PJ	P1250528R

Control Panel

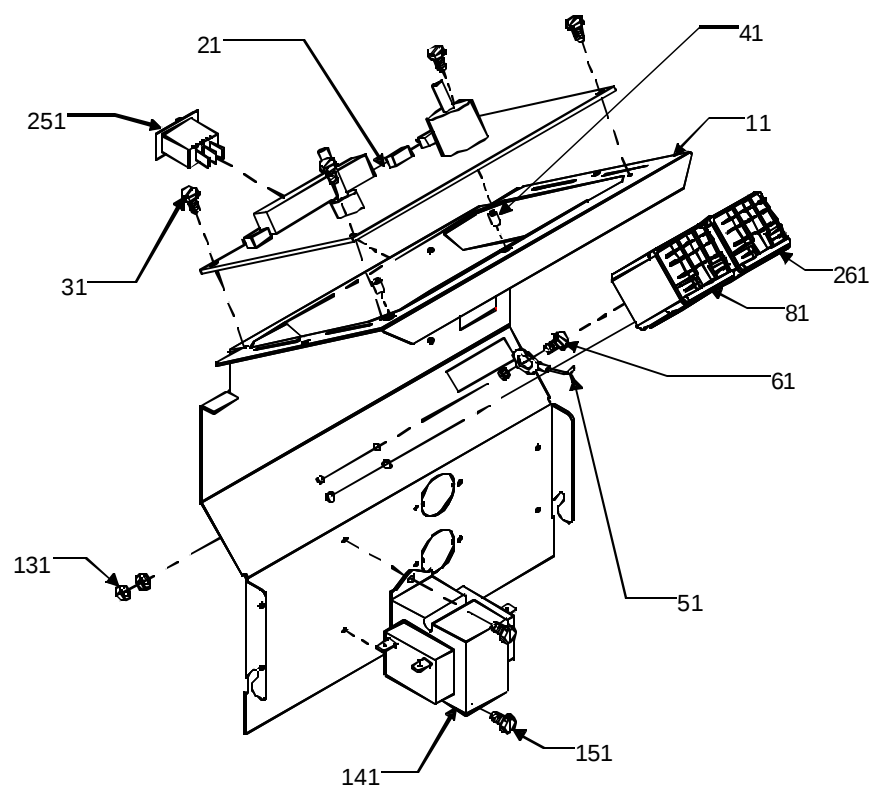
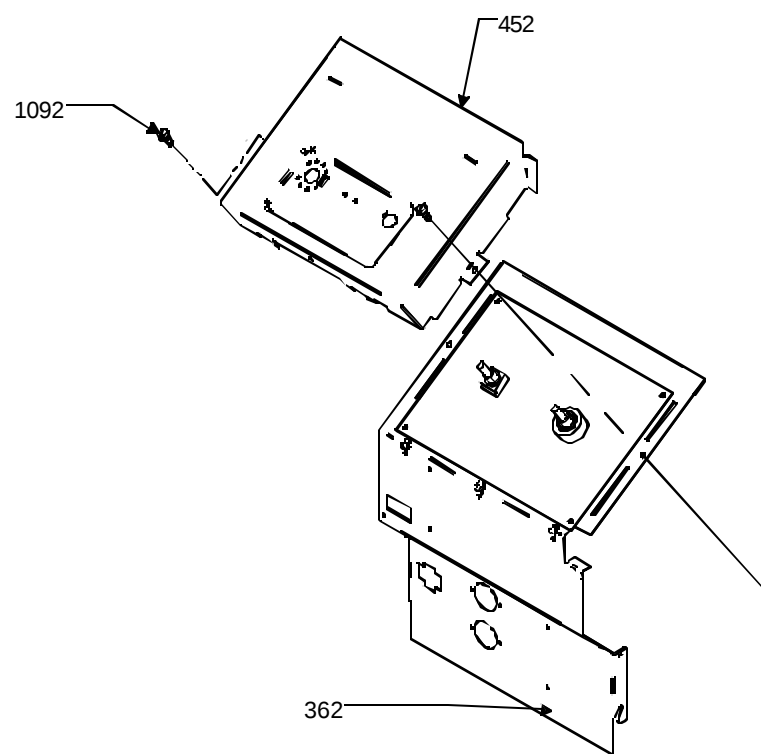


Image 1

Image 2



Control Panel

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

11	11044505	PANEL-CONTROL
21	20475302	PC BOARD
31	M0216529	SCREW-SM (QTY 4)
41	M0590702	SUPPORT (QTY 2)
51	10618849	WIRE-JUMPER GN1
61	M0227803	SCREW-TC
81	C8873917	RELAY HYDRONIC
131	M0282005	NUT-KEPS (QTY 2)
141	B1378501	TRANSFORMER HYDRONIC (QTY 2)
151	M0216716	SCREW-SM (QTY 4)
251	B1337701	SWITCH-PADDLE
261	C8873932	RELAY POWER VENT
NS	20008301	HARNESS-HYDR HT

Image 2:

362	20018605	CONT PNL ASSY
452	11044404	COVER-CONT PNL
1092	M0216529	SCREW-SM (QTY 2)

Expanded Model Nomenclature

M1 - PTC073B00PE	P1250515R
M2 - PTC123B00PE	P1250516R
M3 - PTC153B00PE	P1250517R
M4 - PTC073B00PJ	P1250526R
M5 - PTC123B00PJ	P1250527R
M6 - PTC153B00PJ	P1250528R