

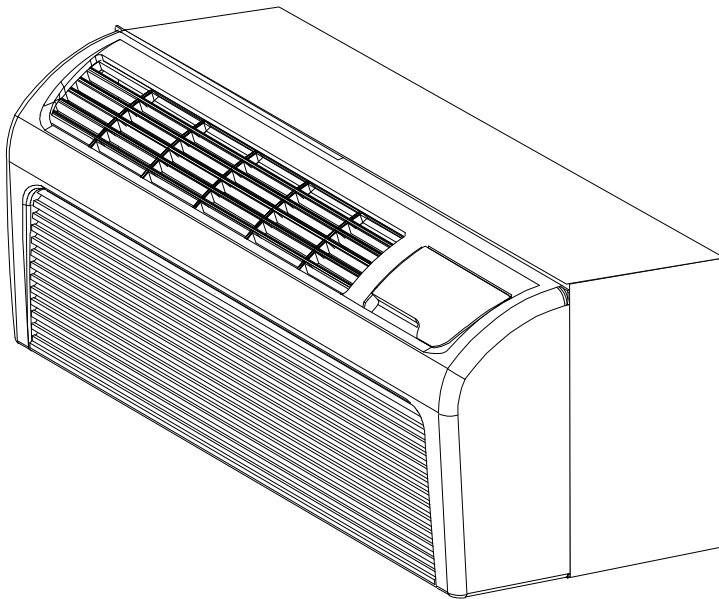
Models and manufacturing
numbers in this manual

PTC073B35AE	P1248801R
PTC074B35AE	P1248804R
PTC093B35AE	P1248802R
PTC094B20AE	P1248862R
PTC094B35AE	P1248805R
PTC123B35AE	P1248803R
PTC124B35AE	P1248806R
PTC153B35AE	P1248813R
PTC154B35AE	P1248814R

Service Parts

PTC* AE Package Terminal Air Conditioner

This manual replaces RP4210031.



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

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RP4210031
Revision 1
April 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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Views shown are for parts illustrations only, not servicing procedures.

Revision 1: Adds model PTC094B35AE

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 and Color Nomenclature:

Example	
M1 - Model#1	P _____
M2 - Model#2	P _____
M3 - Model#3	P _____

Functional Parts

Part

No:

Description:

D6789051	CAPACITOR (M3, M5)
D6789025	CAPACITOR-METAL (M8)
D6789049	CAPACITOR-POLY (M7)
D6789060	CAPACITOR-ROUND (M6)
D6789054	CAPACITOR-ROUND (M1, M2, M9)
D6789063	CAPACITOR-ROUND (M4)
D6926121	COMPRESSOR 2K21T236A-7A (M7)
D6926122	COMPRESSOR 2K21T276A-6A (M8)
D6985807	COMPRESSOR-PN 2P17S3R236A (M3)
D6985810	COMPRESSOR-PN 2P17S3R276A (M6)
D6887711	COMPRESSOR-PN 2R13S3R236A (M2)
D6887712	COMPRESSOR-PN 2R13S3R276A (M5, M9)
D6887715	COMPRESSOR-PN 2R9U236A6A (M1)
D6887716	COMPRESSOR-PN 2R9U276A6A (M4)
20466202	CONDERSOR ASSY (M1, M4)
20456603	CONDERSOR ASSY (M2, M5, M9)
20456602	CONDERSOR ASSY (M3, M6, M7, M8)
20284918	DRYER-FILTER (M7, M8)
20284917	DRYER-FILTER (M3, M6)
20284916	DRYER-FILTER (M2, M5)
20284915	DRYER-FILTER (M1, M4)
20284916	DRYER-FILTER PTC (M9)
20473902	EVAPORATOR ASSY (M1, M4)
20457202	EVAPORATOR ASSY (M2, M5, M9)
20456702	EVAPORATOR ASSY (M3, M6, M7, M8)
A3410403	FUSE-20A (M4, M5, M6, M8)
20460608	HEATER 4 3.7KW ASSY (M4, M5, M6, M8)
20460613	HEATER 3 3.5KW ASSY (M1, M2, M3, M7)
20253529	HEATER MODULE (M9)
20295702	INDOOR THERMISTOR
11114910	MOTOR-FAN (M6, M8)
11114907	MOTOR-FAN (M1, M2, M9)
11114909	MOTOR-FAN (M3, M7)
11114908	MOTOR-FAN (M4, M5)
20295701	OUTDOOR THERMISTOR
20475302	PC BOARD (M9)
20295502	PC BOARD (M1, M2, M3, M4, M5, M6, M7, M8)
11044101	WHEEL-BLOWER

Functional Parts

Part No:	Description:
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SPECIAL PARTS

RP4210031	MANUAL PARTS
RS4900003	MANUAL SERVICE
11113307	MANUAL-OWNERS (M1, M2, M3, M4, M5, M6, M7, M8)
11113309	MANUAL-OWNERS (M9)
PDB-PTAC	PRODUCT DATA BOOKS
11046402	WARRANTY

Expanded Model and Color Nomenclature

M1 - PTC073B35AE	P1248801R
M2 - PTC093B35AE	P1248802R
M3 - PTC123B35AE	P1248803R
M4 - PTC074B35AE	P1248804R
M5 - PTC094B35AE	P1248805R
M6 - PTC124B35AE	P1248806R
M7 - PTC153B35AE	P1248813R
M8 - PTC154B35AE	P1248814R
M9 - PTC094B20AE	P1248862R

Front/Chassis

Image 1

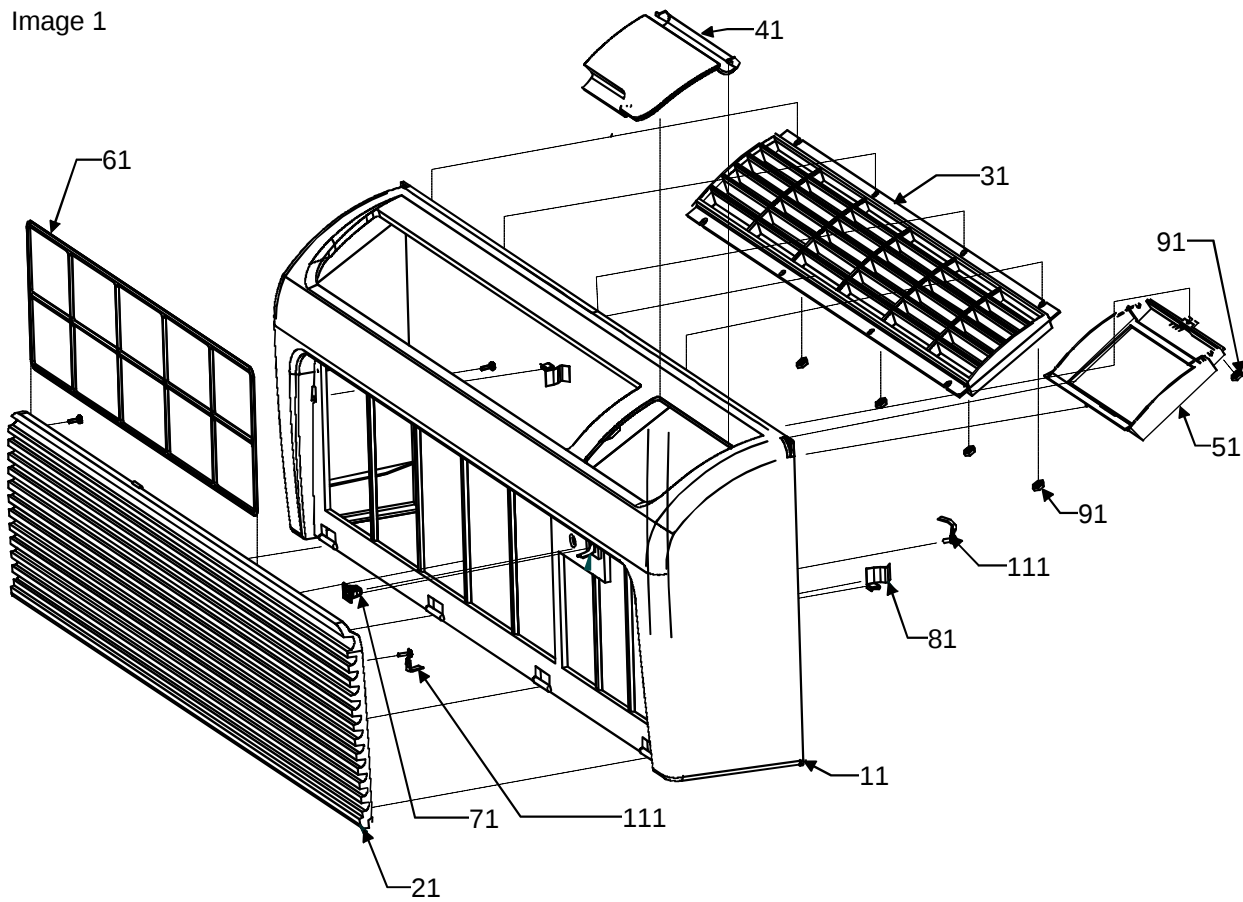
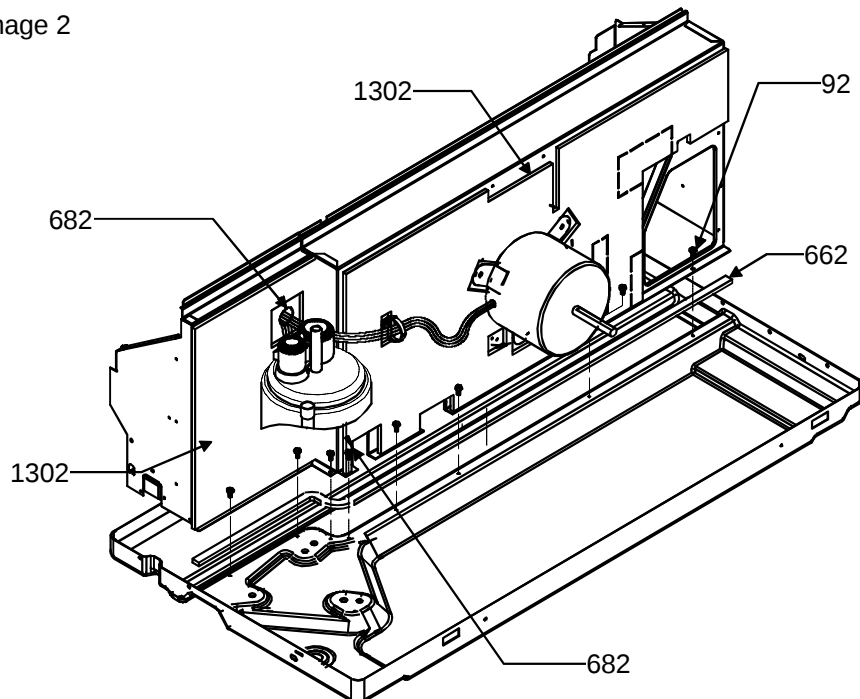


Image 2



Front/Chassis

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

11	20415201	FRONT
21	20415402	GRILLE-INTAKE
31	20415301	GRILLE-EXHAUST
41	20415901	DOOR ASSY-AMANA
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 GRIL (QTY 2)

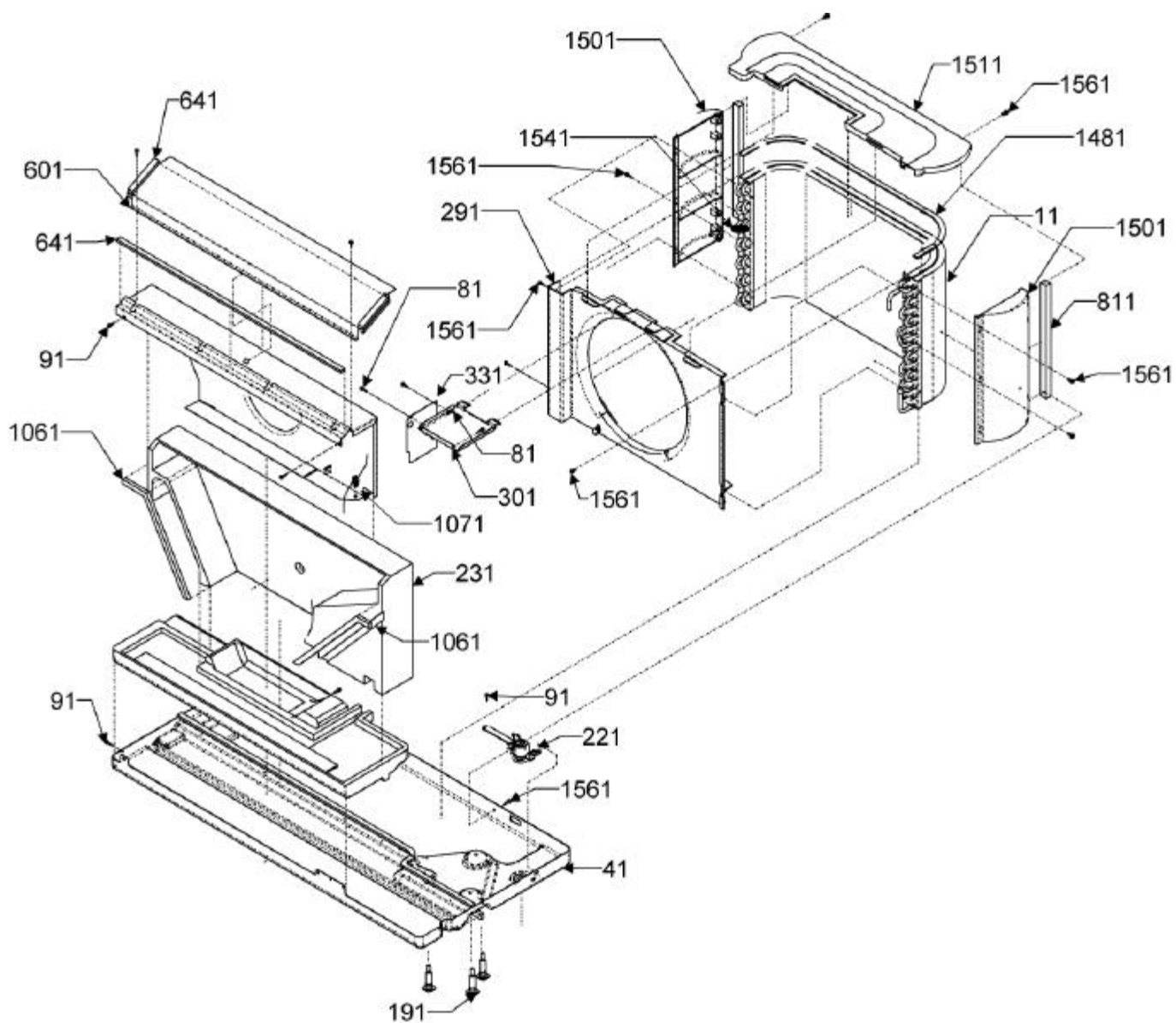
Image 2:

92	M0216716	SCREW-SM (QTY AR)
662	10839823	GASKET-.12X.50X41 (M1, M2, M3, M4, M5, M6, M7, M8)
662	10839828	GASKET-.12X.50X43 (M9)
682	M0275521	SEALER-PLASTIC (QTY 2)
1302	20417402	INSULATION-PARTITION PANEL

Expanded Model and Color Nomenclature

M1 - PTC073B35AE	P1248801R
M2 - PTC093B35AE	P1248802R
M3 - PTC123B35AE	P1248803R
M4 - PTC074B35AE	P1248804R
M5 - PTC094B35AE	P1248805R
M6 - PTC124B35AE	P1248806R
M7 - PTC153B35AE	P1248813R
M8 - PTC154B35AE	P1248814R
M9 - PTC094B20AE	P1248862R

Chassis



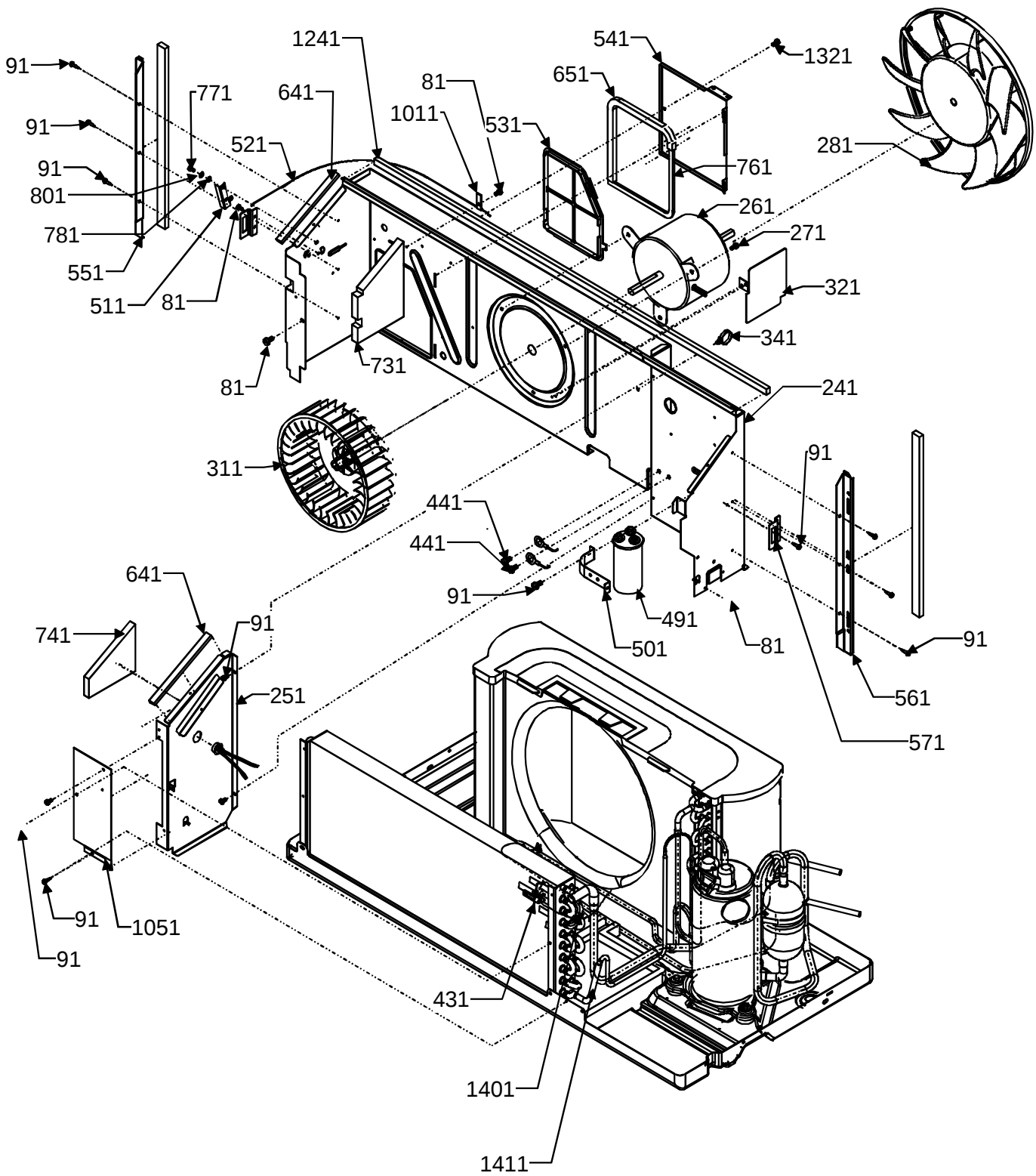
Chassis

Ref. Part No:	Description:	Ref. Part No:	Description:
<i>Image 1:</i>			
11	20456602	CONDERSOR ASSY (M3, M6, M7, M8)	
11	20456603	CONDERSOR ASSY (M2, M5, M9)	
11	20466202	CONDERSOR ASSY (M1, M4)	
41	20403505	BASEPAN PNT	
51	20403802	PAD-EVAP PTC	
81	M0211216	SCREW-SM (QTY AR)	
91	M0216716	SCREW-SM (QTY AR)	
191	M0253661	BOLT SHOULDER (M9)	
191	20109101	BOLT-SHOULDER (M1, M2, M3, M4, M5, M6, M7, M8)	
221	A3080003	PLUG-BUTTON (M1, M2, M3, M4, M5, M6, M7, M8)	
221	M0570807	PLUG-BUTTON (M9)	
231	20356701	SCROLL-BLOWER (M1, M2, M3, M4, M5, M6, M7, M8)	
231	20356702	SCROLL-BLOWER	
291	20401301	SHROUD-CONDENSOR	
301	11044201	BRACE-TIE	
331	20417701	BAFFLE-TOP	
601	11123904	SCREEN-DISCHARGE	
641	20455902	GASKET .50X.25 NIT (QTY 5)	
811	20455901	GASKET .62X.75 NIT (QTY 2)	
1061	10839706	GASKET .50X.50 (QTY 2)	
1071	M0120801	CLIP-GUIDE	
1481	10839812	GASKET-.12X.50 (QTY 2)	
1501	20357001	SIDE COVER-CONDENSOR (QTY 2)	
1511	20396701	TOP COVER-CONDENSOR	
1541	M0321202	TIE-ELEC LG (QTY 2)	
1551	M0322201	TIE-ELEC	
1561	M0211018	SCREW-SM #8-5/8LG (QTY AR)	

Expanded Model and Color Nomenclature

M1 - PTC073B35AE	P1248801R
M2 - PTC093B35AE	P1248802R
M3 - PTC123B35AE	P1248803R
M4 - PTC074B35AE	P1248804R
M5 - PTC094B35AE	P1248805R
M6 - PTC124B35AE	P1248806R
M7 - PTC153B35AE	P1248813R
M8 - PTC154B35AE	P1248814R
M9 - PTC094B20AE	P1248862R

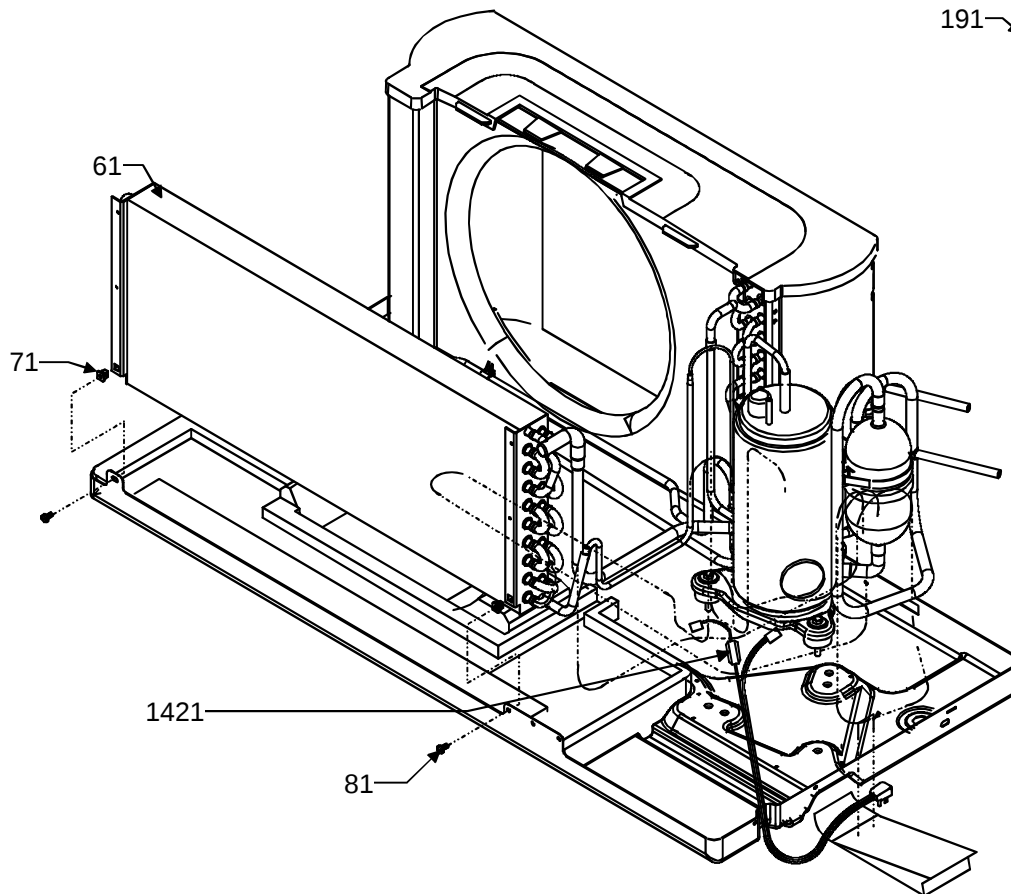
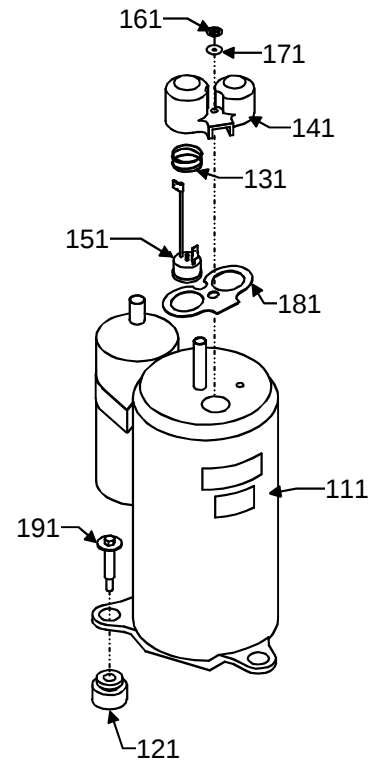
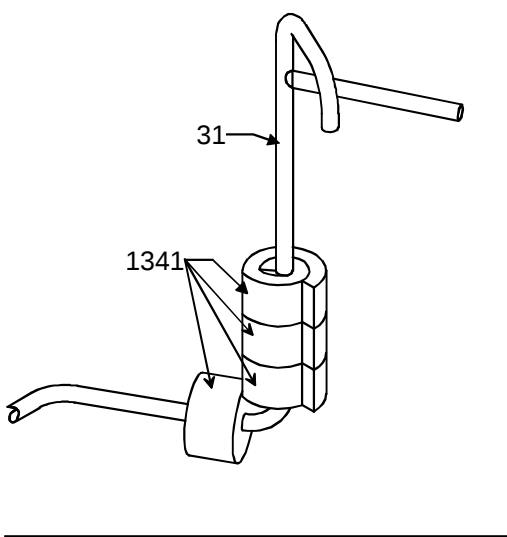
Chassis



Chassis

Ref Part No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>		Expanded Model and Color Nomenclature	
81	M0211216	SCREW-SM (QTY AR)	M1 - PTC073B35AE P1248801R
91	M0216716	SCREW-SM (QTY AR)	M2 - PTC093B35AE P1248802R
241	20403101	PANEL-PARTITON (M1, M2, M3, M4, M5, M6, M7, M8)	M3 - PTC123B35AE P1248803R
241	20403104	PANEL-PTN PNT PTC (M9)	M4 - PTC074B35AE P1248804R
251	20403302	PANEL-MID PARTITON	M5 - PTC094B35AE P1248805R
261	11114907	MOTOR-FAN (M1, M2, M9)	M6 - PTC124B35AE P1248806R
261	11114908	MOTOR-FAN (M4, M5)	M7 - PTC153B35AE P1248813R
261	11114909	MOTOR-FAN (M3, M7)	M8 - PTC154B35AE P1248814R
261	11114910	MOTOR-FAN (M6, M8)	M9 - PTC094B20AE P1248862R
271	M0224956	SCREW-TAP R (QTY 3)	
281	20414601	FAN-PL. CONDENSOR	
311	11044101	WHEEL-BLOWER	
321	20245401	BAFFLE-COND INLT (M1, M2, M3, M4, M5, M6, M7, M8)	
321	20480901	BAFFLE-COND INLT PT (M9)	
341	M0118702	CLIP-GUIDE	
431	20075601	CLIP-T'STAT	
441	M0227803	SCREW-TC (QTY 2)	
491	D6789051	CAPACITOR (M3, M5)	
491	D6789025	CAPACITOR-METAL (M8)	
491	D6789049	CAPACITOR-POLY (M7)	
491	D6789054	CAPACITOR-ROUND (M1, M2, M9)	
491	D6789060	CAPACITOR-ROUND (M6)	
491	D6789063	CAPACITOR-ROUND (M4)	
501	C6300502	STRAP-CAPACITOR	
511	11046302	LEVER ARM	
521	11115401	CABLE	
531	11046201	FILTER-VENT (M1, M2, M3, M4, M5, M6, M7, M8)	
531	20304003	FILTER-VENT (M9)	
541	11046105	DOOR-VENT	
551	20416201	SEAL-LEFT SIDE	
561	20416101	SEAL-RIGHT SIDE	
571	11191702	BRACKET-PTN PNL (M1, M2, M3, M4, M5, M6, M7, M8)	
571	11191703	BRKT-PART PAN (M9)	
641	20455902	GASKET .50X.25 NIT (QTY 5)	
651	10839808	GASKET-.37X.50 (QTY 5)	
731	11122901	INSULATION-LEFT	
741	11123001	INSULATION-RIGHT	
761	10839810	GASKET-.18X.38	
771	M0220757	SCREW-SHOULDER	
781	M0273701	WASHER-SPRING	
801	M0270529	WASHER-FLAT	
1011	M0108103	CLAMP-TUBE	
1051	20410801	COVER-ACCESS	
1241	10839807	GASKET-.37X.75 (QTY 3)	
1321	M0238833	SCREW-SHOULDER	
1401	20295701	OUTDOOR THERMISTOR	
1411	20295705	THERMISTOR (M9)	

Compressor/Tubing



Compressor/Tubing

Ref Part No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>		Expanded Model and Color Nomenclature	
31	20416301	TUBE-SUCTION (M3, M6, M7, M8)	M1 - PTC073B35AE P1248801R
31	20480101	TUBE-SUCTION (M1, M4)	M2 - PTC093B35AE P1248802R
31	20480201	TUBE-SUCTION (M2, M5)	M3 - PTC123B35AE P1248803R
31	20476704	TUBE-SUCTION PTC (M9)	M4 - PTC074B35AE P1248804R
61	20456702	EVAPORATOR ASSY (M3, M6, M7, M8)	M5 - PTC094B35AE P1248805R
61	20457202	EVAPORATOR ASSY (M2, M5, M9)	M6 - PTC124B35AE P1248806R
61	20473902	EVAPORATOR ASSY (M1, M4)	M7 - PTC153B35AE P1248813R
71	A3315701	GROMMET (QTY 2)	M8 - PTC154B35AE P1248814R
81	M0211216	SCREW-SM (QTY AR)	M9 - PTC094B20AE P1248862R
111	D6926121	COMPRESSOR 2K21T236A-7A (M7)	
111	D6926122	COMPRESSOR 2K21T276A-6A (M8)	
111	D6985807	COMPRESSOR-PN 2P17S3R236A (M3)	
111	D6985810	COMPRESSOR-PN 2P17S3R276A (M6)	
111	D6887711	COMPRESSOR-PN 2R13S3R236A (M2)	
111	D6887712	COMPRESSOR-PN 2R13S3R276A (M5, M9)	
111	D6887715	COMPRESSOR-PN 2R9U236A6A (M1)	
111	D6887716	COMPRESSOR-PN 2R9U276A6A (M4)	
121	A3448602	GROMMET (M1, M2, M3, M4, M5, M6, M7, M8)	
121	A4622801	GROMMET (M9)	
131	A3436901	SPRING-OVERLOAD	
141	20120103	COVER-TERM (M1, M2, M3, M4, M5, M6, M7, M8)	
141	10329001	COVER-TERM REISSU (M9)	
151	D4976682	OVERLOAD (M7)	
151	D6961612	OVERLOAD (M3)	
151	D6961636	OVERLOAD (M1)	
151	D6961637	OVERLOAD (M4)	
151	D6961639	OVERLOAD (M2)	
151	D6961642	OVERLOAD (M5, M9)	
151	D6961643	OVERLOAD (M6)	
151	D6961657	OVERLOAD (M8)	
161	A3436601	NUT-TERM COVER	
171	A3436801	GASKET-NUT	
181	A3436701	GASKET-TERM COVER	
191	M0253661	BOLT SHOULDER (M9)	
191	20109101	BOLT-SHOULDER (M1, M2, M3, M4, M5, M6, M7, M8)	
1341	11154803	SEALER-RUBBER BASED	
1421	20320702	CLAMP ON FERRITE	
NS	20476604	TUBE WELD-SUCT PTC (M9)	
NS	20476901	TUBE-DISCH PTC (M9)	

Blower Partition/Power Cord

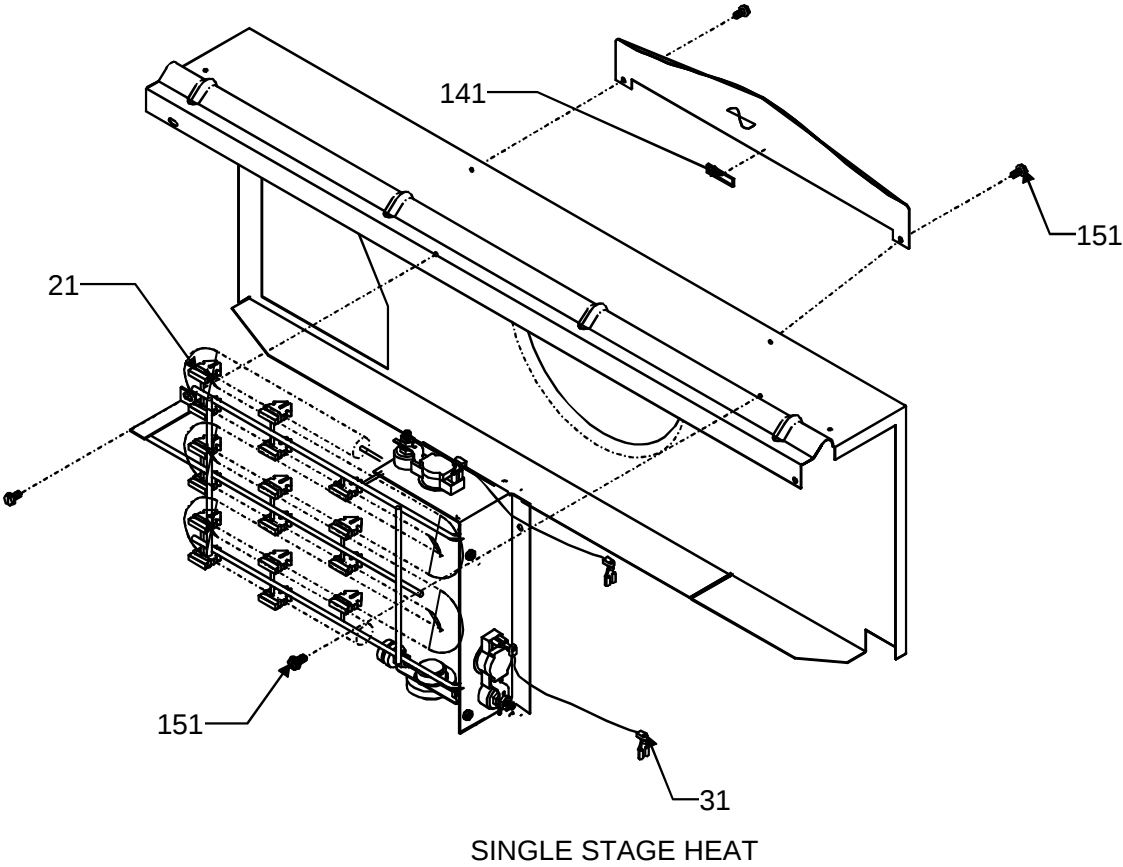
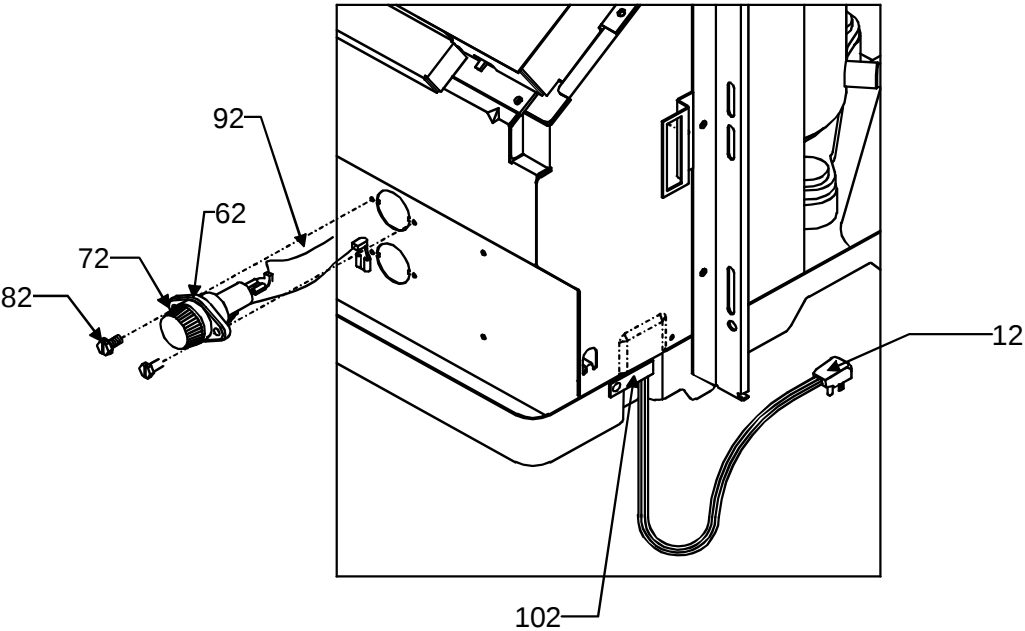


Image 1

Image 2



Blower Partition/Power Cord

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

21	20460608	HEATER 4 3.7KW ASSY (M4, M5, M6, M8)
21	20460612	HEATER 3 2.5KW ASSY (M9)
21	20460613	HEATER 3 3.5KW ASSY (M1, M2, M3, M7)
31	20260805	WIRE-JUMPER BR34 (QTY 2)
141	10839722	GASKET .25X.06
151	M0216716	SCREW-SM (QTY 2)

Image 2:

12	11114401	CORD-250V 15A (M9)
12	11114501	CORD-250V 20A (M1, M2, M3, M7)
12	11114701	CORD-277V-20A (M4, M5, M6, M8)
62	C6476002	HOLDER-BAYONET FUSE (M4, M5, M6, M8)
72	A3410403	FUSE-20A (M4, M5, M6, M8)
82	M0213817	SCREW-SM (M4, M5, M6, M8)
92	10618850	WIRE-JUMPER BK18 (M4, M5, M6, M8)
102	M0103905	CLAMP-SPEED (M9)
102	M0103906	CLAMP-SPEED (M1, M2, M3, M4, M5, M6, M7, M8)

Expanded Model and Color Nomenclature

M1 - PTC073B35AE	P1248801R
M2 - PTC093B35AE	P1248802R
M3 - PTC123B35AE	P1248803R
M4 - PTC074B35AE	P1248804R
M5 - PTC094B35AE	P1248805R
M6 - PTC124B35AE	P1248806R
M7 - PTC153B35AE	P1248813R
M8 - PTC154B35AE	P1248814R
M9 - PTC094B20AE	P1248862R

Control Panel

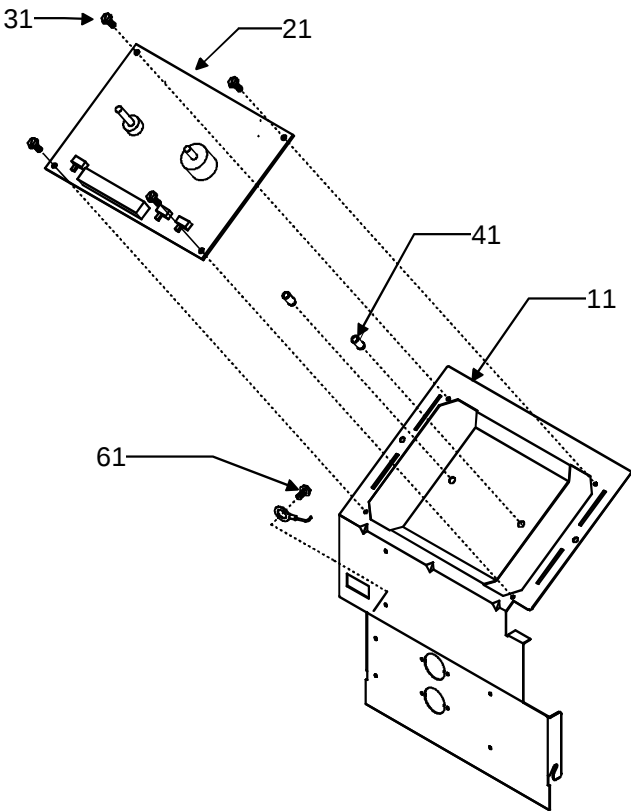
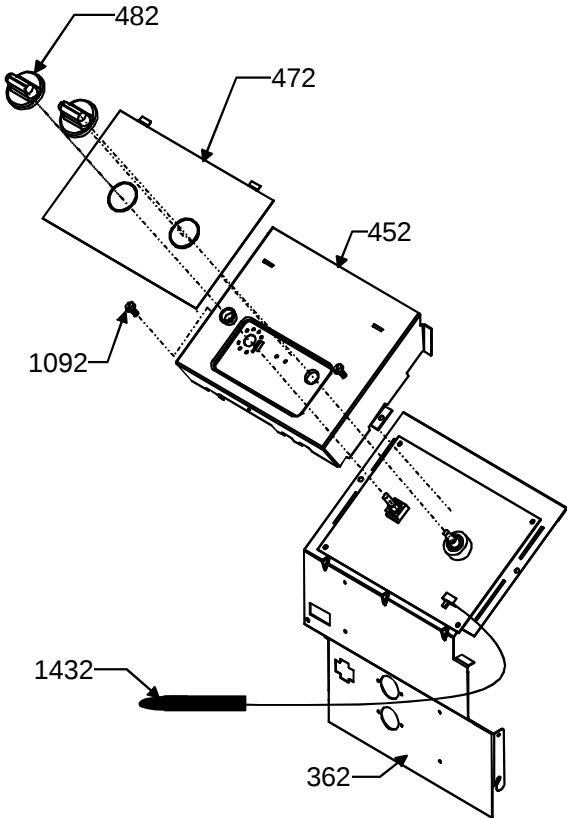


Image 1

Image 2



Control Panel

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

11	11044505	PANEL-CONTROL
21	20295502	PC BOARD (M1, M2, M3, M4, M5, M6, M7, M8)
21	20475302	PC BOARD (M9)
31	M0216529	SCREW-SM (QTY 4)
41	M0590702	SUPPORT (QTY 2)
61	M0227803	SCREW-TC

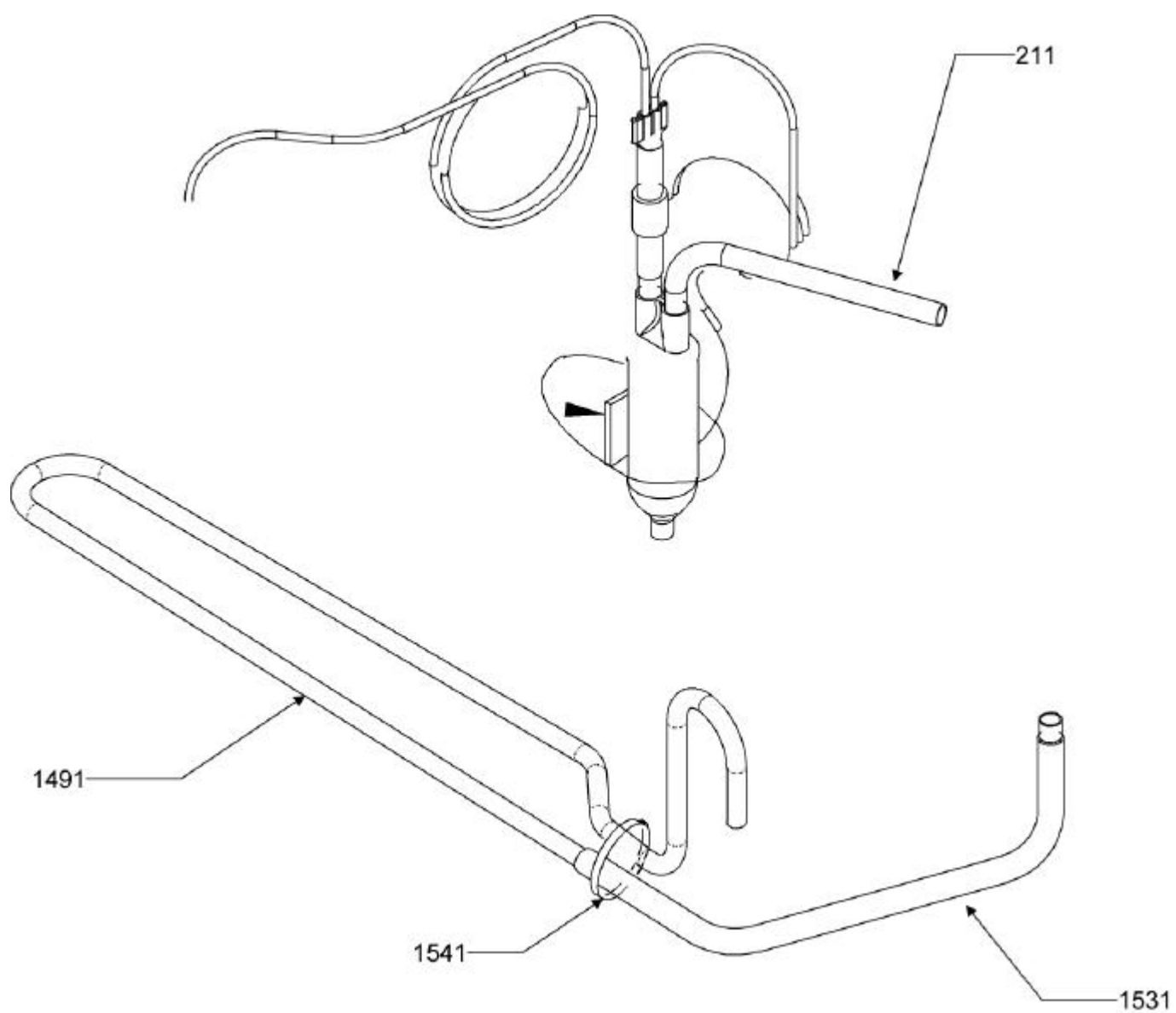
Image 2:

362	11121505	CONT PANEL ASSY (M1, M2, M3, M4, M5, M6, M7, M8)
362	20486001	CONT PANEL ASSY 230 (M9)
452	11044404	COVER-CONTROL PANEL
472	20480701	PLATE-ESCUTCHEN (M1, M2, M3, M4, M5, M6, M7, M8)
472	20480702	PLATE-ESCUTCHEN (M9)
482	11042903	KNOB-CONTROL (QTY 2)
1092	M0216529	SCREW-SM (QTY 2)
1432	20295702	INDOOR THERMISTOR

Expanded Model and Color Nomenclature

M1 - PTC073B35AE	P1248801R
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M3 - PTC123B35AE	P1248803R
M4 - PTC074B35AE	P1248804R
M5 - PTC094B35AE	P1248805R
M6 - PTC124B35AE	P1248806R
M7 - PTC153B35AE	P1248813R
M8 - PTC154B35AE	P1248814R
M9 - PTC094B20AE	P1248862R

Filter Drier Assembly



Filter Drier Assembly

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

211	20284915	DRYER-FILTER (M1, M4)
211	20284916	DRYER-FILTER (M2, M5)
211	20284917	DRYER-FILTER (M3, M6)
211	20284918	DRYER-FILTER (M7, M8)
211	20284916	DRYER-FILTER PTC (M9)
1491	20417101	TUBE- CONDENSOR (M1)
1491	20453901	TUBE-SUBCOOLER (M2, M3, M5, M6, M7, M8, M9)
1531	20477801	TUBE-V-SLIT (M9)
1531	20477802	TUBE-V-SLIT (M2, M3, M5, M6, M7, M8, M9)
1541	M0321202	TIE-ELEC LG (QTY 2)

Expanded Model and Color Nomenclature

M1 - PTC073B35AE	P1248801R
M2 - PTC093B35AE	P1248802R
M3 - PTC123B35AE	P1248803R
M4 - PTC074B35AE	P1248804R
M5 - PTC094B35AE	P1248805R
M6 - PTC124B35AE	P1248806R
M7 - PTC153B35AE	P1248813R
M8 - PTC154B35AE	P1248814R
M9 - PTC094B20AE	P1248862R