

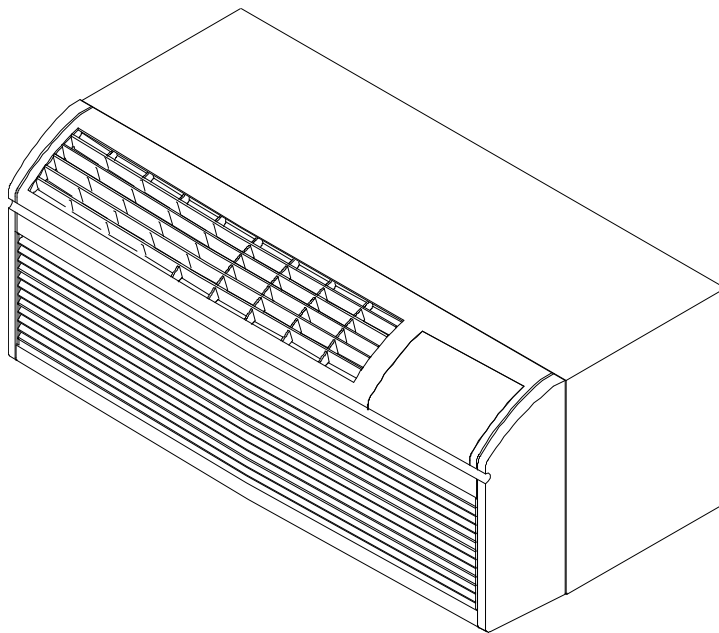
Models and manufacturing
numbers in this manual

PTC093A35BA	P1216302R
PTC093A35JA	P1217802R
PTC094A35BA	P1216306R
PTC094A35JA	P1217806R
PTC123A35BA	P1216303R
PTC123A50BA	P1216321R
PTC123A50JA	P1217819R
PTC153A50BA	P1216323R

Parts

Package Terminal Air Conditioners (PTAC)

This manual replaces RP4210003 Rev. 2.



This manual is to be used by qualified appliance technicians only. Amana does not assume any responsibility for property damage or personal injury for improper service procedures done by an unqualified person.

Amana

RP4210003
Revision 2
March 1999

Important Information

Amana 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, Amana also recommends contacting an authorized technician and using authorized factory parts. Locate an authorized technician by calling 800-NATLSVC (800-628-5782).

For assistance within the U.S.A. contact:

Consumer Affairs Department
Amana
2800 220th Trail
PO Box 8901
Amana IA 52204-0001
319-622-5511--Telephone
319-622-2977--Facsimile

For assistance outside the U.S.A. contact:

International Division
Amana
2800 220th Trail
PO Box 8901
Amana IA 52204-0001
USA
319-622-5511--Telephone
319-622-8595--Facsimile

Index

Functional Parts List 4 - 5

Illustration and Parts 6 - 17

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

Added Model PTC1153A50BA (P1216323R)

Text Codes:

- AR - As Required
- 0000 - Not Shown
- 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)
- NA - Not Available

Expanded Model and Color Nomenclature:

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

Functional Parts

Part

No:

Description:

B1160701	BOARD-TERM
D6879833	CAPACITOR (M1, M6)
D6789051	CAPACITOR (M2, M4, M8)
D6789049	CAPACITOR-POLY (M5)
D6879844	CAPACITOR-ROUND (M3, M7)
D6926116	COMP-PN 2K21S3R236A (M5)
D6985807	COMP-PN 2P17S3R236A (M2, M4, M8)
D6887711	COMP-PN 2R13S3R236A (M1, M6)
D6887712	COMP-PN 2R13S3R276A (M3, M7)
11114501	CORD-250V 20A (M1, M2, M6)
11114601	CORD-250V 30A (M4, M5, M8)
11114701	CORD-277V-20A (M3, M7)
11046703	DISC-THERMOSTAT (M1, M3, M6, M7)
11046702	DISC-THERMOSTAT (M2, M4, M5, M8)
11149201	FAN-MUFFIN (M1, M2, M3, M4, M5)
A3410403	FUSE-20A (M3, M7)
M0804204	FUSE-GLASS
11116203	HTR 3 3.5KW ASSY (M1, M2, M6)
11177801	HTR 3 5.0 KW ASSY (M4, M8)
11116205	HTR 3 5.0KW ASSY (M5)
11116208	HTR 4 3.7 KW ASSY (M3, M7)
11172801	MOTOR
11114904	MOTOR-FAN (M3, M7)
11114903	MOTOR-FAN (M5)
11114902	MOTOR-FAN (M2, M4, M8)
11114901	MOTOR-FAN (M1, M6)
D6961639	OVERLOAD (M1, M6)
D6961642	OVERLOAD (M3, M7)
D6961607	OVERLOAD (M5)
D6961612	OVERLOAD (M2, M4, M8)
11043301	PC BOARD
C8873917	RELAY (M4, M8)
C8873932	RELAY
B1337701	SWITCH-PADDLE
B1158416	TSTAT-DISC TYPE (M5)
B1158417	TSTAT-DISC TYPE (M4, M8)
B1158418	TSTAT-DISC TYPE (M4, M8)
B1158408	TSTAT-DISC TYPE (M5)
B1158414	TSTAT-DISC TYPE (M3, M7)
B1158410	TSTAT-DISC TYPE (M1, M2, M6)
B1158411	TSTAT-DISC TYPE (M1, M2, M6)
B1158415	TSTAT-DISC TYPE (M3, M7)
11172101	XFMR (M3, M7)
B1378501	XFMR (M1, M2, M4, M5, M6, M8)

Functional Parts

Part No:	Description:
----------	--------------

SPECIAL PARTS

11115801	INSTR-CHAS INSTAL
11113301	MANUAL-OWNERS
RP4210003	MANUAL-PARTS

Expanded Model and Color Nomenclature

M1 - PTC093A35BA	P1216302R
M2 - PTC123A35BA	P1216303R
M3 - PTC094A35BA	P1216306R
M4 - PTC123A50BA	P1216321R
M5 - PTC153A50BA	P1216323R
M6 - PTC093A35JA	P1217802R
M7 - PTC094A35JA	P1217806R
M8 - PTC123A50JA	P1217819R

Front/Chassis

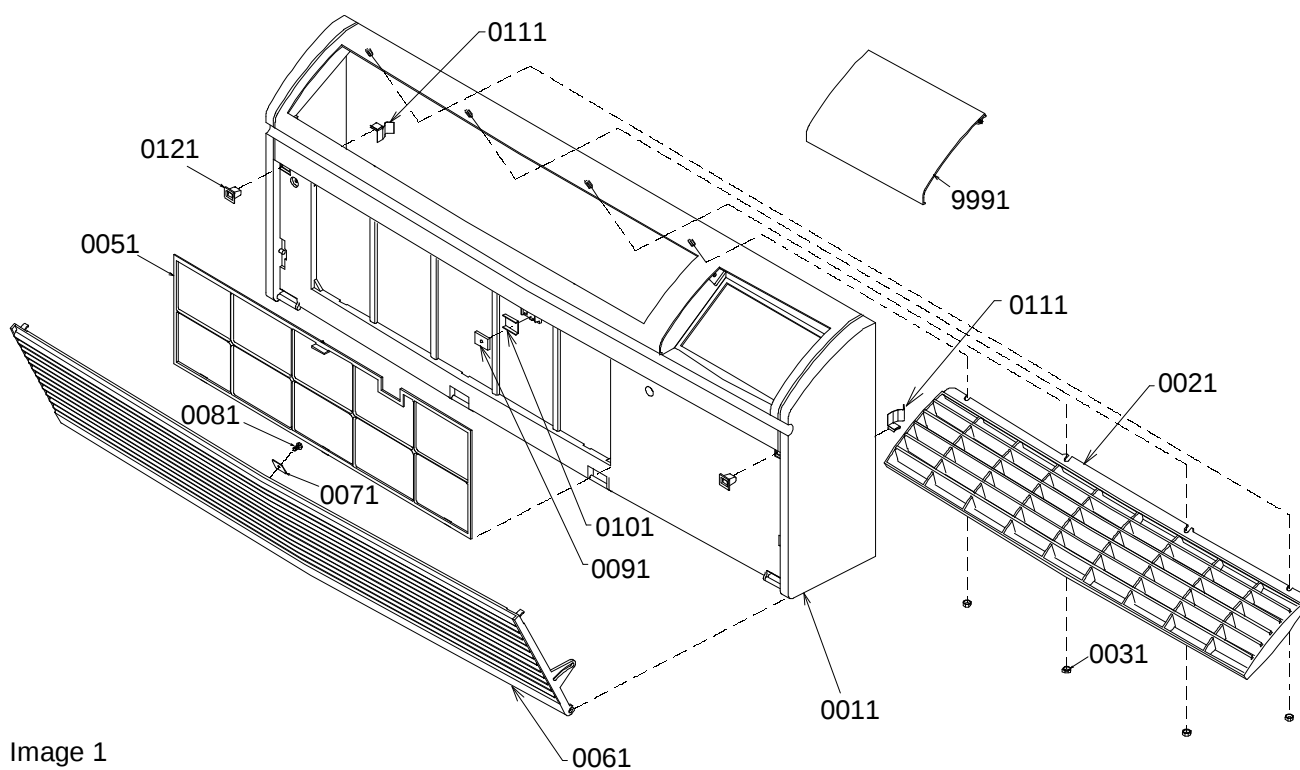
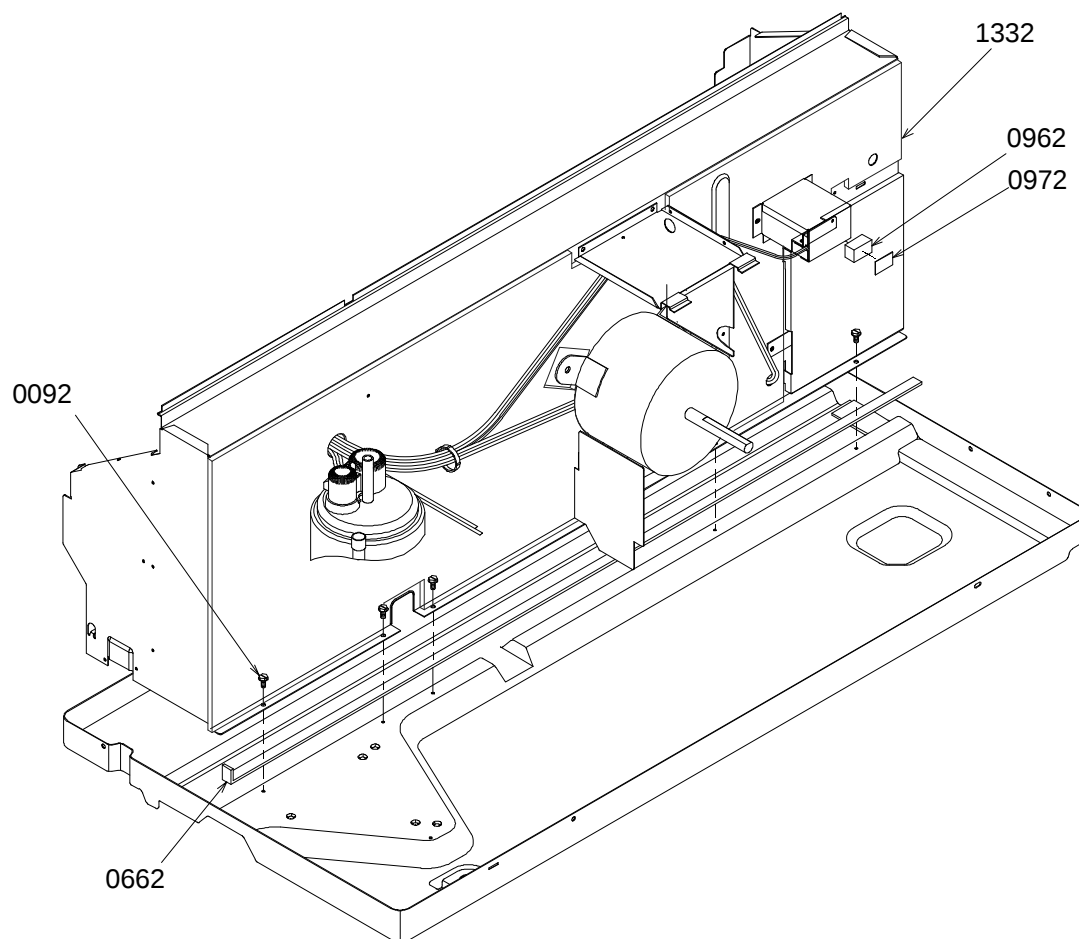


Image 1

Image 2



Front/Chassis

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1

0011	11042701	FRONT
0021	11167401	GRILLE-DISCHARGE
0031	M0293604	PALNUT (QTY AR)
0051	11045201	FILTER
0061	11042602	GRILLE-INTAKE
0071	11047101	STRIKE
0081	M0253217	SCREW-TF
0091	11047301	MAGNET
0101	11047201	HOLDER-MAGNET
0111	11045102	CLIP-SIDE (QTY 2)
0121	10690002	DOOR CATCH ASSY (QTY 2)
9991	11143301	DOOR ASSY-AMANA

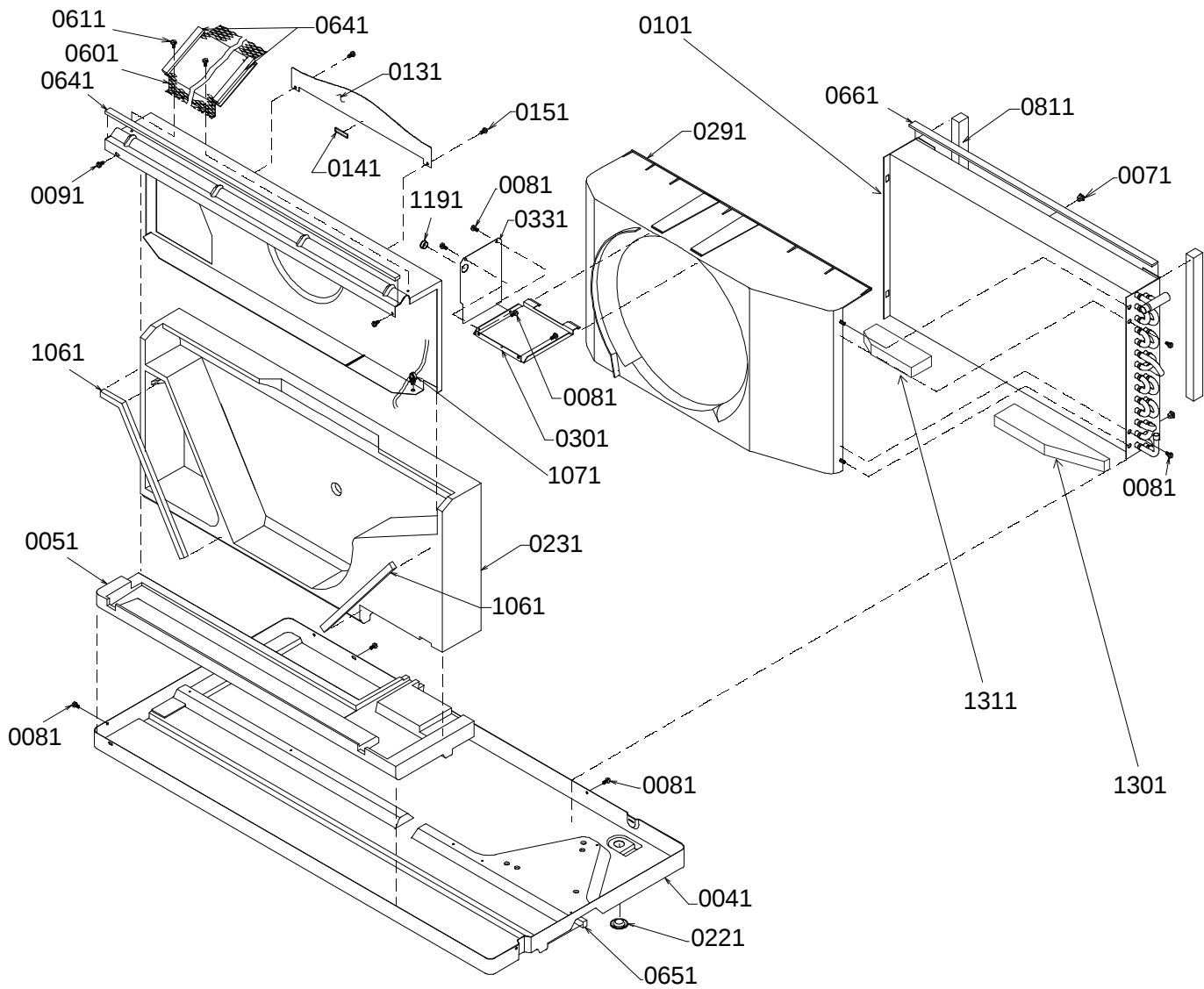
Image 2

0092	M0216716	SCREW-SM (QTY AR)
0662	10839803	GASKET-CROSS LINK (QTY AR)
0962	11178201	INSUL
0972	11178301	BUMPER
1332	20208601	INSUL-PARTITION PNL

Expanded Model and Color Nomenclature

M1 - PTC093A35BA	P1216302R
M2 - PTC123A35BA	P1216303R
M3 - PTC094A35BA	P1216306R
M4 - PTC123A50BA	P1216321R
M5 - PTC153A50BA	P1216323R
M6 - PTC093A35JA	P1217802R
M7 - PTC094A35JA	P1217806R
M8 - PTC123A50JA	P1217819R

Chassis



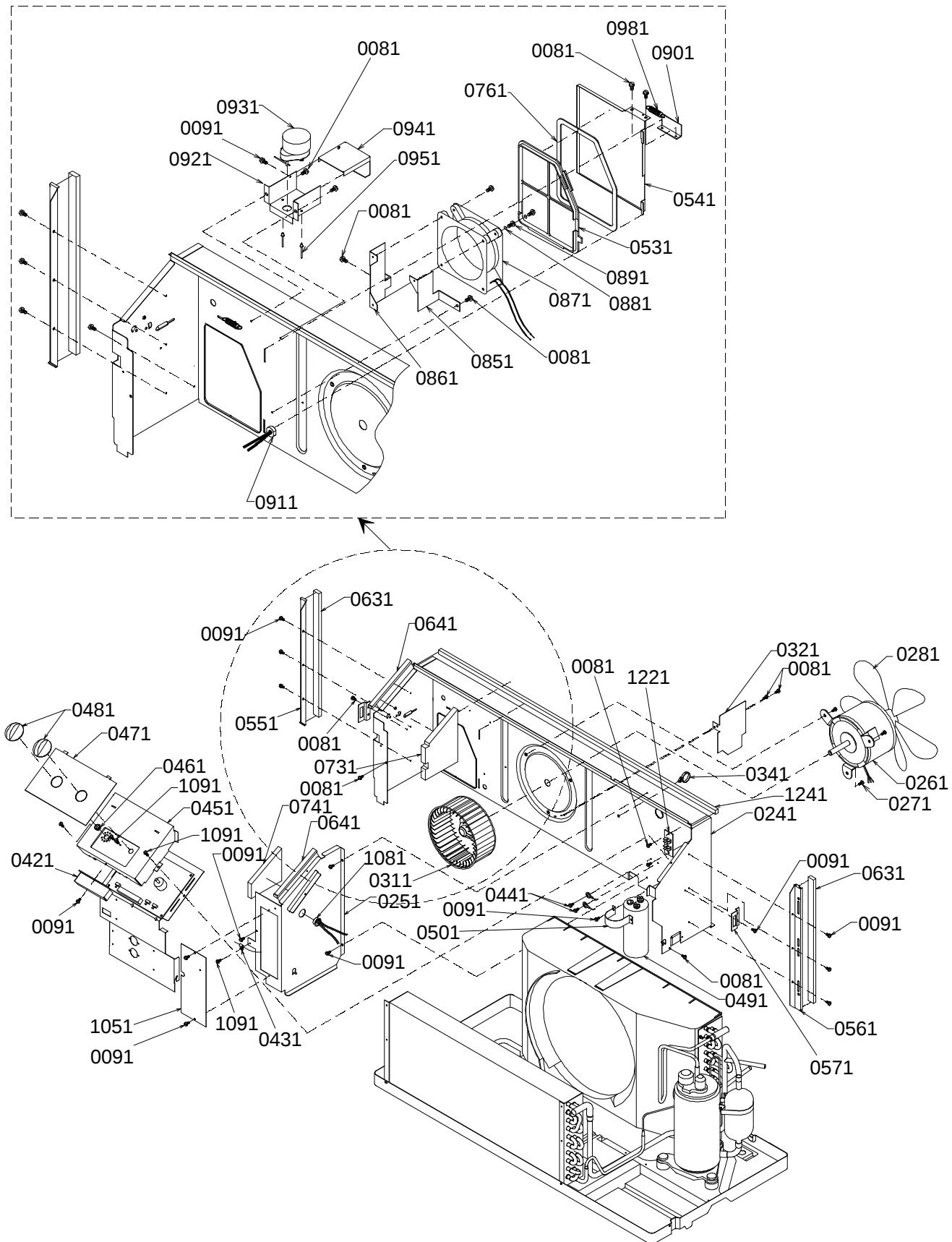
Chassis

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1</i>			
0041 11042507	BASEPAN-PNT PTAC02		
0051 11044702	PAD-EVAPORATOR		
0071 A3315701	GROMMET (QTY AR)		
0081 M0211216	SCREW-SM (QTY AR)		
0091 M0216716	SCREW-SM (QTY AR)		
0101 20007503	COND ASSY (M2, M4, M5, M8)		
0101 20007602	COND ASSY (M1, M3, M6, M7)		
0131 11043902	BLW IN EX PNT PTAC03		
0141 10839722	GASKET-URETHANE		
0151 M0216716	SCREW-SM (QTY AR)		
0221 A3080003	PLUG-BUTTON		
0231 11045801	SCROLL-BLOWER		
0291 11167301	SHROUD-CONDENSER		
0301 11044201	BRACE-TIE		
0331 11046501	BAFFLE-TOP		
0601 11123905	SCREEN-DISCH		
0611 M0204517	SCREW-SM STL ZINC (QTY AR)		
0641 10839705	GASKET-URETHANE (QTY AR)		
0651 10839808	GASKET-FOAM (QTY AR)		
0661 10839803	GASKET-CROSS LINK (QTY AR)		
0811 10839712	GASKET-URETHANE (QTY AR)		
1061 10839716	GASKET-URETHANE (QTY AR)		
1071 M0120801	CLIP-GUIDE		
1191 A4554812	SNAP BUSHING		
1301 20189701	INSUL-COND RH		
1311 20189801	INSUL-COND LH		

Expanded Model and Color Nomenclature

M1 - PTC093A35BA	P1216302R
M2 - PTC123A35BA	P1216303R
M3 - PTC094A35BA	P1216306R
M4 - PTC123A50BA	P1216321R
M5 - PTC153A50BA	P1216323R
M6 - PTC093A35JA	P1217802R
M7 - PTC094A35JA	P1217806R
M8 - PTC123A50JA	P1217819R

Chassis



Chassis

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1</i>		Expanded Model and Color Nomenclature	
0081 M0211216	SCREW-SM (QTY AR)	M1 - PTC093A35BA	P1216302R
0091 M0216716	SCREW-SM (QTY AR)	M2 - PTC123A35BA	P1216303R
0241 11045504	PARTITION PANEL	M3 - PTC094A35BA	P1216306R
0251 11167503	PANEL-MID PART	M4 - PTC123A50BA	P1216321R
0261 11114901	MOTOR-FAN (M1, M6)	M5 - PTC153A50BA	P1216323R
0261 11114902	MOTOR-FAN (M2, M4, M8)	M6 - PTC093A35JA	P1217802R
0261 11114903	MOTOR-FAN (M5)	M7 - PTC094A35JA	P1217806R
0261 11114904	MOTOR-FAN (M3, M7)	M8 - PTC123A50JA	P1217819R
0271 M0224956	SCREW-TAP R (QTY AR)		
0281 20046501	FAN-PL. COND.		
0311 11044101	WHEEL-BLOWER		
0321 20245401	BAFFLE-COND INLET		
0341 M0118702	CLIP-GUIDE		
0421 11045601	COVER-TERM BLOCK		
0431 M0108104	CLAMP-TUBE		
0441 M0227803	SCREW-TC (QTY AR)		
0451 11044401	COVER-CONTROL PANEL		
0461 M0117902	CLIP-TUBULAR		
0471 20005701	PLATE-ESC		
0481 11042902	KNOB-CONTROL (QTY 2)		
0491 D6789051	CAPACITOR (M2, M4, M8)		
0491 D6879833	CAPACITOR (M1, M6)		
0491 D6789049	CAPACITOR-POLY (M5)		
0491 D6879844	CAPACITOR-ROUND (M3, M7)		
0501 C6300502	STRAP-CAPACITOR		
0531 11046201	FILTER-VENT		
0541 11046102	DOOR-VENT		
0551 11044902	SEAL-L SIDE		
0561 11044901	SEAL-R SIDE		
0571 11191702	BRKT-PART PAN (QTY 2)		
0631 10839807	GASKET-CROSS LINK (QTY AR)		
0641 10839705	GASKET-URETHANE (QTY AR)		
0731 11122901	INSUL-LEFT		
0741 11123001	INSUL-RIGHT		
0761 10839810	GASKET-CROSS LINK (QTY AR)		
0851 11135801	BRKT-R FAN (M1, M2, M3, M4, M5)		
0861 11145801	BRKT-L FAN (M1, M2, M3, M4, M5)		
0871 11149201	FAN-MUFFIN (M1, M2, M3, M4, M5)		
0881 M0272802	WASHER-LOCK (M1, M2, M3, M4, M5) (QTY AR)		
0891 M0211011	SCREW-SM (M1, M2, M3, M4, M5) (QTY AR)		
0901 11166301	BRKT-POWER VENT		
0911 M0370005	RELIEF-STRAIN (M1, M2, M3, M4, M5)		
0921 11166101	BRKT-MOTOR		
0931 11172801	MOTOR		
0941 11166201	COVER-BRKT		
0951 A4539606	RIVET-POP (QTY AR)		
0981 11166401	SPRING-EXTENSION		
1051 11167602	COVER-ACCESS		
1081 A4554801	BUSHING-SNAP		
1091 M0216529	SCREW-SM (QTY AR)		
1221 B1160701	BOARD-TERM		
1241 10839814	GASKET-FOAM (QTY AR)		

Compressor/Tubing

Image 1

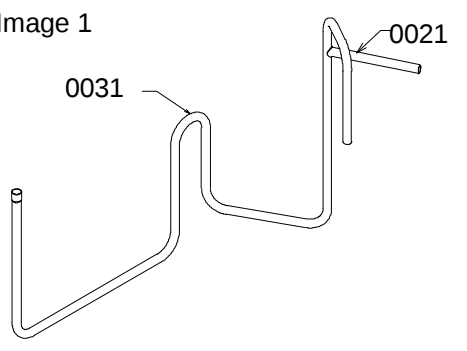
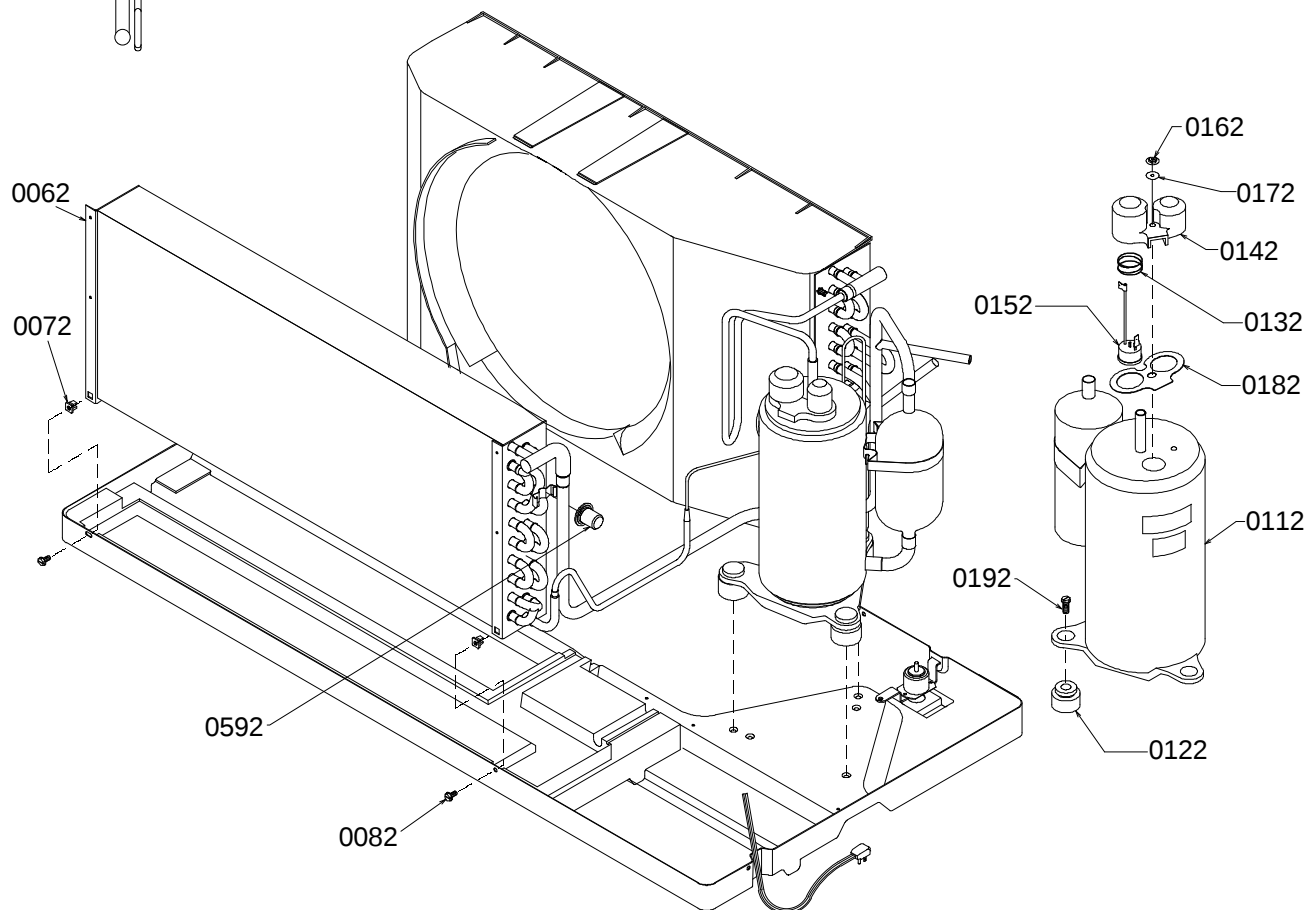
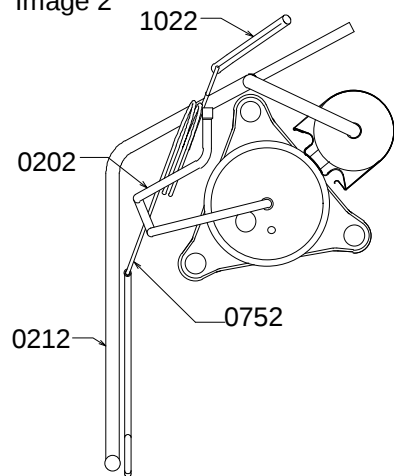


Image 2



Compressor/Tubing

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

Image 1

0021 A4528920	TUBE-PROCESS (M1, M3, M6, M7)
0021 A4528927	TUBE-PROCESS (M2, M4, M5, M8)
0031 11144601	TUBE-SUCTION (M2, M4, M5, M8)
0031 11194301	TUBE-SUCTION (M1, M3, M6, M7)

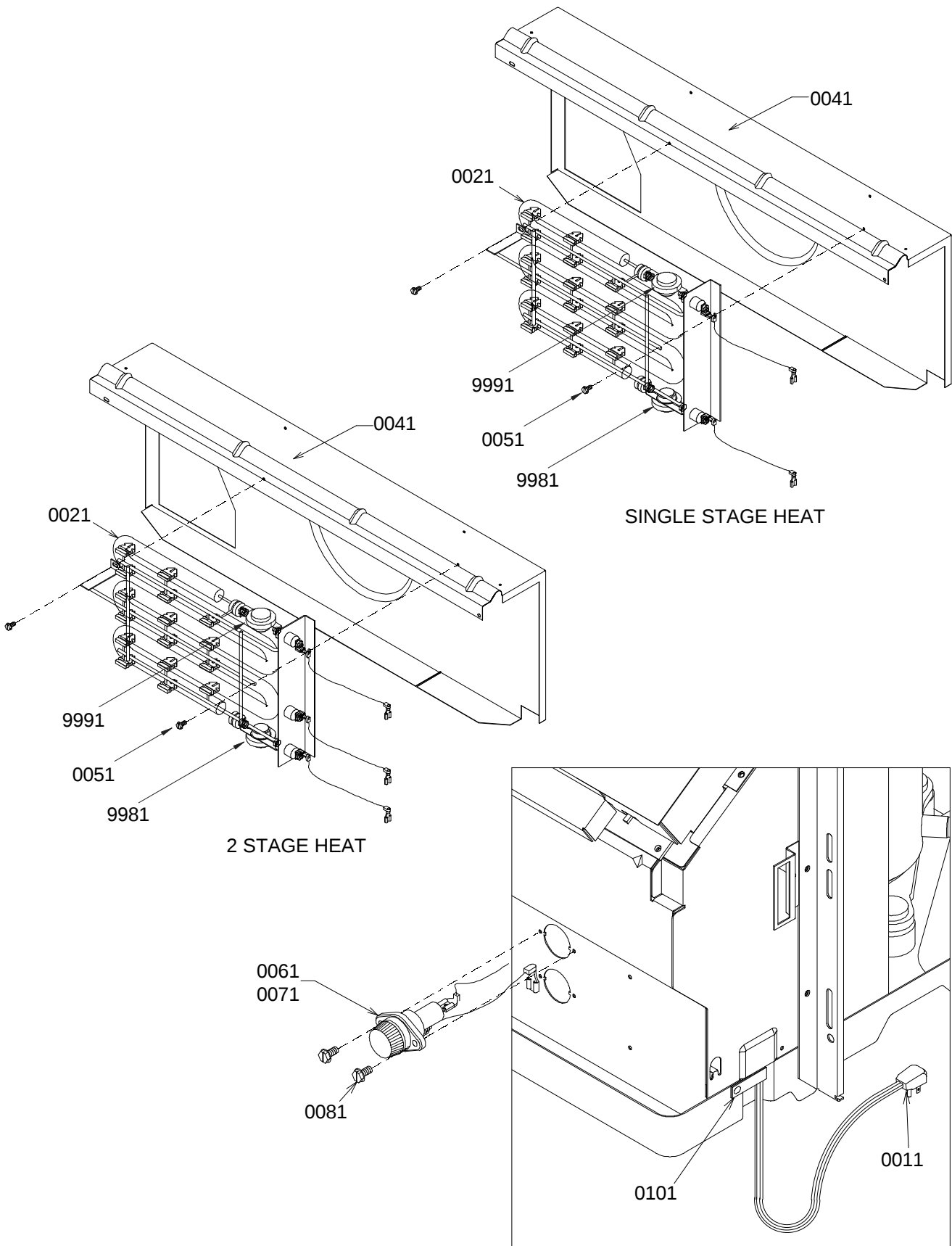
Image 2

0062 11165603	EVAP ASSY (M2, M4, M5, M8)
0062 11165703	EVAP ASSY (M1, M3, M6, M7)
0072 A3315701	GROMMET (QTY AR)
0082 M0211216	SCREW-SM (QTY AR)
0112 D6926116	COMP-PN 2K21S3R236A (M5)
0112 D6985807	COMP-PN 2P17S3R236A (M2, M4, M8)
0112 D6887711	COMP-PN 2R13S3R236A (M1, M6)
0112 D6887712	COMP-PN 2R13S3R276A (M3, M7)
0122 A3448601	GROMMET (M2, M4, M5, M8) (QTY 3)
0122 A4622801	GROMMET (M1, M3, M6, M7) (QTY 3)
0132 A3436901	SPRING-OVERLOAD
0142 10329001	COVER-TERM
0152 D6961607	OVERLOAD (M5)
0152 D6961612	OVERLOAD (M2, M4, M8)
0152 D6961639	OVERLOAD (M1, M6)
0152 D6961642	OVERLOAD (M3, M7)
0162 A3436601	NUT-TERM COVER
0172 A3436801	GASKET-NUT
0182 A3436701	GASKET-TERM COVER
0192 M0253610	SCREW-SHLDR (M2, M4, M5, M8) (QTY 3)
0192 M0253661	SCREW-SHLDR (M1, M3, M6, M7) (QTY 3)
0202 11178502	TUBE-DISCH (M5)
0202 11194201	TUBE-DISCH (M1, M3, M6, M7)
0202 11180101	TUBE-DISCHARGE (M2, M4, M8)
0212 11144501	SUCTION TUBE WELD (M2, M4, M5, M8)
0212 11194501	SUCTION TUBE WELD (M1, M3, M6, M7)
0592 11046702	DISC-THERMOSTAT (M2, M4, M5, M8)
0592 11046703	DISC-THERMOSTAT (M1, M3, M6, M7)
0752 11168202	CAPILLARY WELD (M1, M3, M6, M7)
0752 11171502	CAPILLARY WELD (M2, M4, M8)
0752 11171503	CAPILLARY WELD (M5)
1022 B1394401	STRAINER

Expanded Model and Color Nomenclature

M1 - PTC093A35BA	P1216302R
M2 - PTC123A35BA	P1216303R
M3 - PTC094A35BA	P1216306R
M4 - PTC123A50BA	P1216321R
M5 - PTC153A50BA	P1216323R
M6 - PTC093A35JA	P1217802R
M7 - PTC094A35JA	P1217806R
M8 - PTC123A50JA	P1217819R

Heater



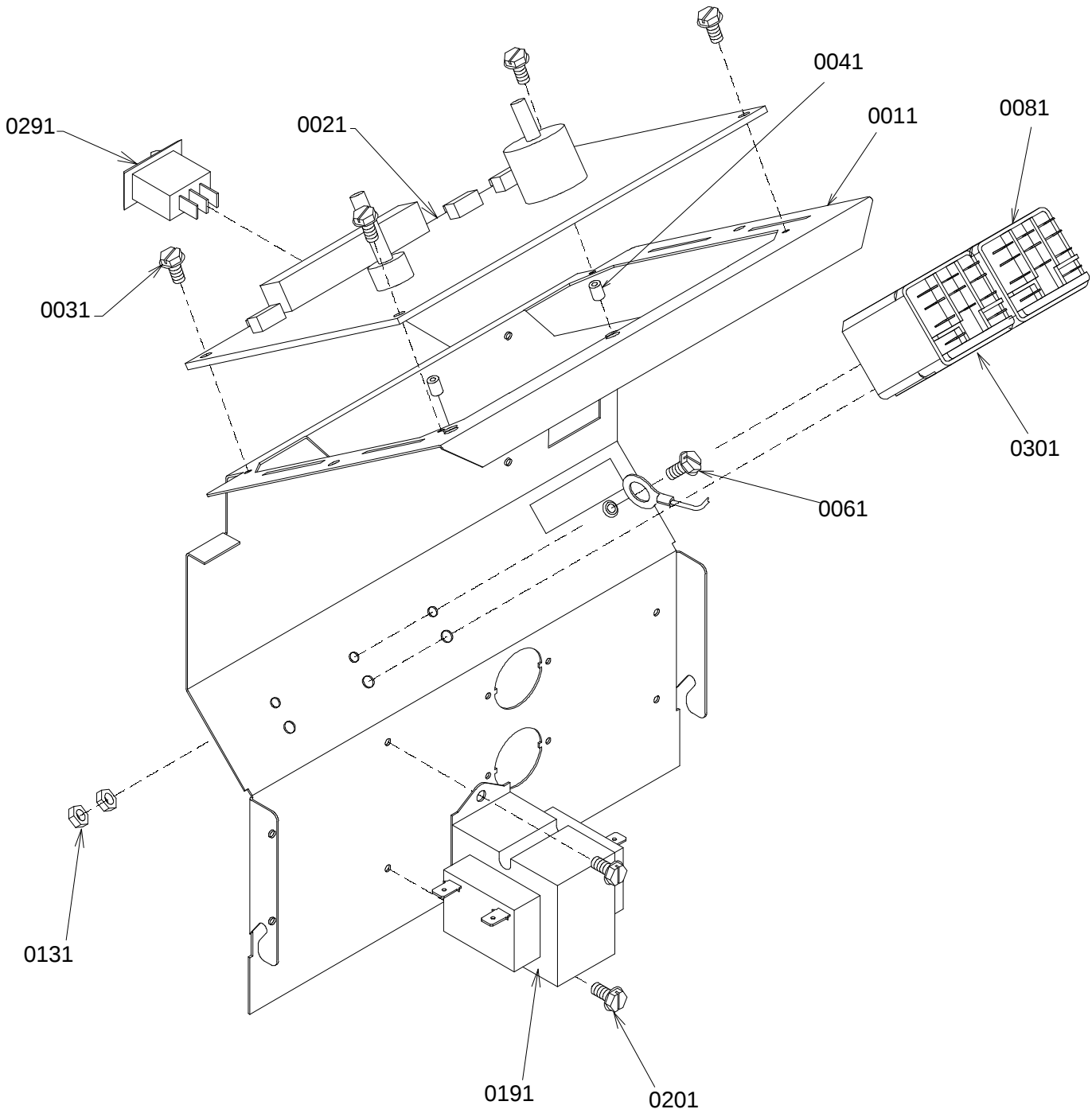
Heater

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1</i>			
0011 11114501	CORD-250V 20A (M1, M2, M6)		
0011 11114601	CORD-250V 30A (M4, M5, M8)		
0011 11114701	CORD-277V-20A (M3, M7)		
0021 11116203	HTR 3 3.5KW ASSY (M1, M2, M6)		
0021 11177801	HTR 3 5.0 KW ASSY (M4, M8)		
0021 11116205	HTR 3 5.0KW ASSY (M5)		
0021 11116208	HTR 4 3.7 KW ASSY (M3, M7)		
0041 11044304	BLWR INTK-PNT PTAC01		
0051 M0216716	SCREW-SM (QTY AR)		
0061 C6476002	HOLDER-BAYONET FUSE (M3, M7)		
0071 A3410403	FUSE-20A (M3, M7)		
0081 M0213817	SCREW-SM (M3, M7) (QTY AR)		
0101 M0103906	CLAMP-SPEED		
9981 B1158408	TSTAT-DISC TYPE (M5)		
9981 B1158411	TSTAT-DISC TYPE (M1, M2, M6)		
9981 B1158414	TSTAT-DISC TYPE (M3, M7)		
9981 B1158418	TSTAT-DISC TYPE (M4, M8)		
9991 B1158410	TSTAT-DISC TYPE (M1, M2, M6)		
9991 B1158415	TSTAT-DISC TYPE (M3, M7)		
9991 B1158416	TSTAT-DISC TYPE (M5)		
9991 B1158417	TSTAT-DISC TYPE (M4, M8)		

Expanded Model and Color Nomenclature

M1 - PTC093A35BA	P1216302R
M2 - PTC123A35BA	P1216303R
M3 - PTC094A35BA	P1216306R
M4 - PTC123A50BA	P1216321R
M5 - PTC153A50BA	P1216323R
M6 - PTC093A35JA	P1217802R
M7 - PTC094A35JA	P1217806R
M8 - PTC123A50JA	P1217819R

Control Panel



Control Panel

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1</i>			
0011 11044501	PANEL-CONTROL		
0021 11043301	PC BOARD		
0031 M0216529	SCREW-SM (QTY AR)		
0041 M0590702	SUPPORT (QTY AR)		
0061 M0227803	SCREW-TC		
0081 C8873917	RELAY (M4, M8)		
0131 M0282005	NUT-KEPS (QTY AR)		
0191 11172101	XFMR (M3, M7)		
0191 B1378501	XFMR (M1, M2, M4, M5, M6, M8)		
0201 M0216716	SCREW-SM (QTY AR)		
0291 B1337701	SWITCH-PADDLE		
0301 C8873932	RELAY		

Expanded Model and Color Nomenclature

M1 - PTC093A35BA	P1216302R
M2 - PTC123A35BA	P1216303R
M3 - PTC094A35BA	P1216306R
M4 - PTC123A50BA	P1216321R
M5 - PTC153A50BA	P1216323R
M6 - PTC093A35JA	P1217802R
M7 - PTC094A35JA	P1217806R
M8 - PTC123A50JA	P1217819R