

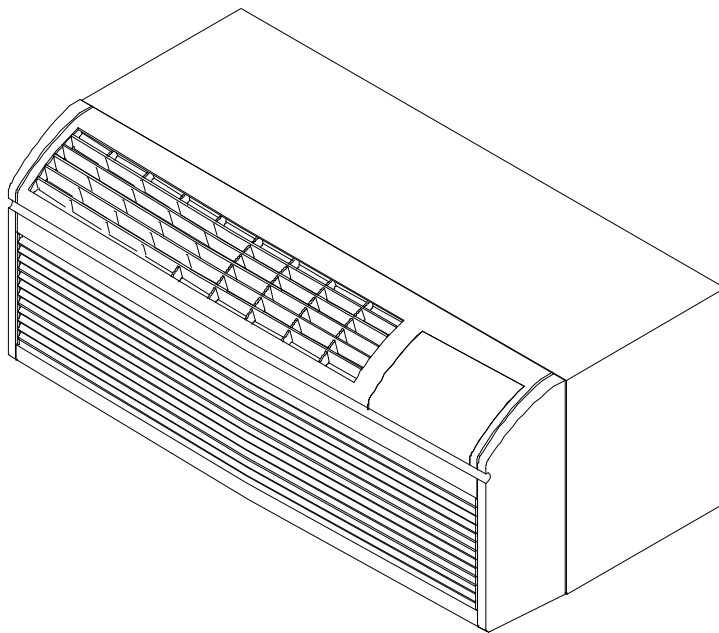
Parts

Package Terminal Air Conditioners (Sea Coast Protected Standard)

This manual replaces RP4210004 Rev. 2.

Models and manufacturing
numbers in this manual

PTC073A25AC	P1202301R
PTC073A35CA	P1202302R
PTC074A35CA	P1202326R
PTC093A25AC	P1202303R
PTC093A35CA	P1202304R
PTC094A35CA	P1202310R
PTC123A00CA	P1202330R
PTC123A35CA	P1202306R
PTC123A50CA	P1202331R
PTC124A35CA	P1202312R
PTC125A30CA	P1202332R
PTC153A35CA	P1202307R
PTC153A50CA	P1202308R
PTC154A00CA	P1202329R
PTC154A35CA	P1202313R



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

RP4210004
Revision 3
February 1998

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 - 19

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

Rev. 3: Added P1202331R PTC123A50CA, P1202332R PTC125A30CA

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)

Expanded Model and Color Nomenclature:

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

Functional Parts

Part

No:

Description:

D6879850	CAPACITOR (M5, M13, M14)
D6879833	CAPACITOR (M1, M2, M3, M4)
D6879846	CAPACITOR (M15)
D6789025	CAPACITOR-METAL (M10, M12)
D6789049	CAPACITOR-POLY (M6, M7)
D6879842	CAPACITOR-ROUND (M9)
D6879844	CAPACITOR-ROUND (M8, M11)
D9871717	COMP-PROTECTED (M9)
D9871715	COMP-PROTECTED (M5, M13, M14)
D9871712	COMP-PROTECTED (M11)
D9871720	COMP-PROTECTED (M3, M4)
D9871721	COMP-PROTECTED (M8)
D9871711	COMP-PROTECTED (M1, M2)
D9871722	COMP-PROTECTED (M6, M7)
D9871723	COMP-PROTECTED (M10, M12, M15)
11114401	CORD-250V 15A (M1, M3, M13)
11114501	CORD-250V 20A (M2, M4, M5, M6)
11114601	CORD-250V 30A (M7, M14)
11114701	CORD-277V-20A (M8, M9, M10, M11, M12, M15)
11046703	DISC-THERMOSTAT (M1, M2, M3, M4, M8, M11)
11046702	DISC-THERMOSTAT (M5, M6, M7, M9, M10, M12, M13, M14, M15)
A3410402	FUSE-15A (M12)
A3410403	FUSE-20A (M8, M9, M10, M11)
11116202	HTR 3 2.5 KW ASSY (M1, M3)
11116203	HTR 3 3.5KW ASSY (M2, M4, M5, M6)
11177801	HTR 3 5.0 KW ASSY (M14)
11116205	HTR 3 5.0KW ASSY (M7)
11116208	HTR 4 3.7 KW ASSY (M8, M9, M10, M11, M15)
11114906	MOTOR-FAN (M10, M12, M15)
11114901	MOTOR-FAN (M1, M2, M3, M4)
11114905	MOTOR-FAN (M9)
11114903	MOTOR-FAN (M6, M7)
11114904	MOTOR-FAN (M8, M11)
11114902	MOTOR-FAN (M5, M13, M14)
D6961636	OVERLOAD (M1, M2)
D6961612	OVERLOAD (M5, M13, M14)
D6961607	OVERLOAD (M6, M7)
D6961657	OVERLOAD (M10, M12)
D6961637	OVERLOAD (M11)
D6961639	OVERLOAD (M3, M4)
D6961642	OVERLOAD (M8)
D6961643	OVERLOAD (M9)
D6961658	OVERLOAD (M15)
11043301	PC BOARD

Functional Parts

Part

No: Description:

SPECIAL PARTS

11115801 INSTR-CHAS INSTAL
11113301 MANUAL-OWNERS (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14)
20163302 MANUAL-OWNERS (M15)

Expanded Model and Color Nomenclature

M1 - PTC073A25CA	P1202301R
M2 - PTC073A35CA	P1202302R
M3 - PTC093A25CA	P1202303R
M4 - PTC093A35CA	P1202304R
M5 - PTC123A35CA	P1202306R
M6 - PTC153A35CA	P1202307R
M7 - PTC153A50CA	P1202308R
M8 - PTC094A35CA	P1202310R
M9 - PTC124A35CA	P1202312R
M10 - PTC154A35CA	P1202313R
M11 - PTC074A35CA	P1202326R
M12 - PTC154A00CA	P1202329R
M13 - PTC123A00CA	P1202330R
M14 - PTC123A50CA	P1202331R
M15 - PTC125A30CA	P1202332R

Front/Chassis

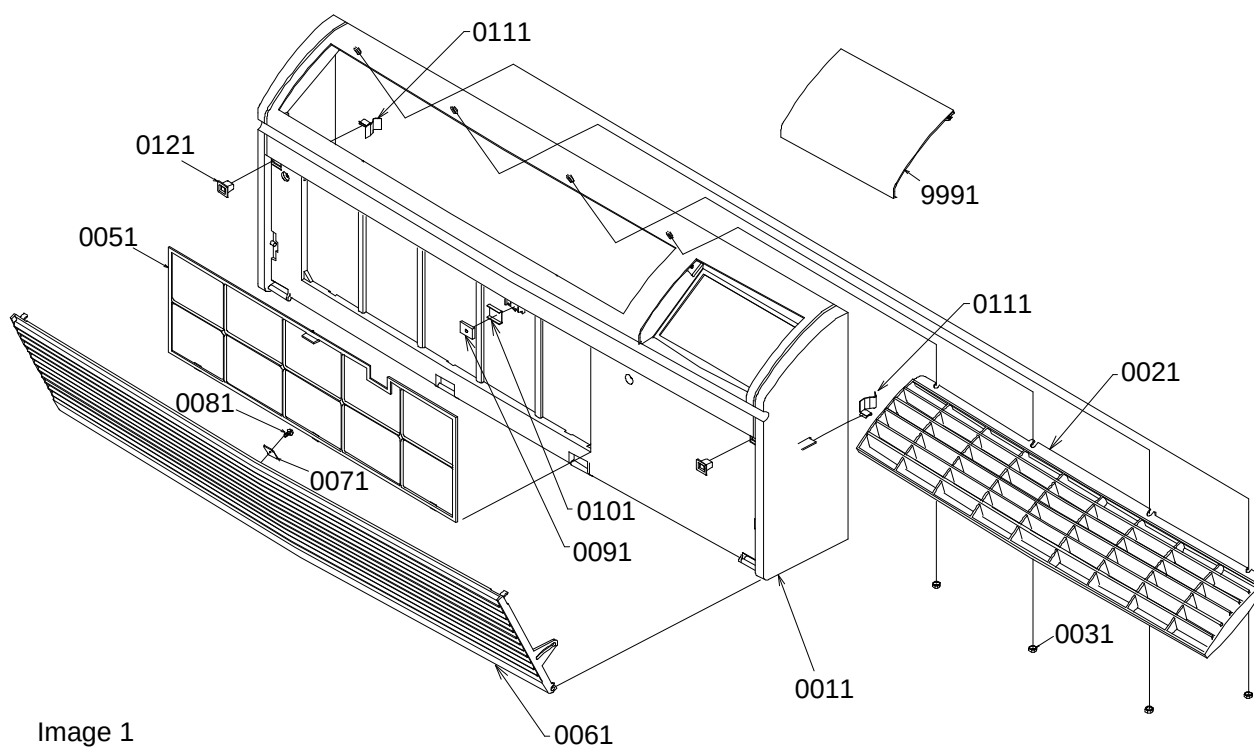
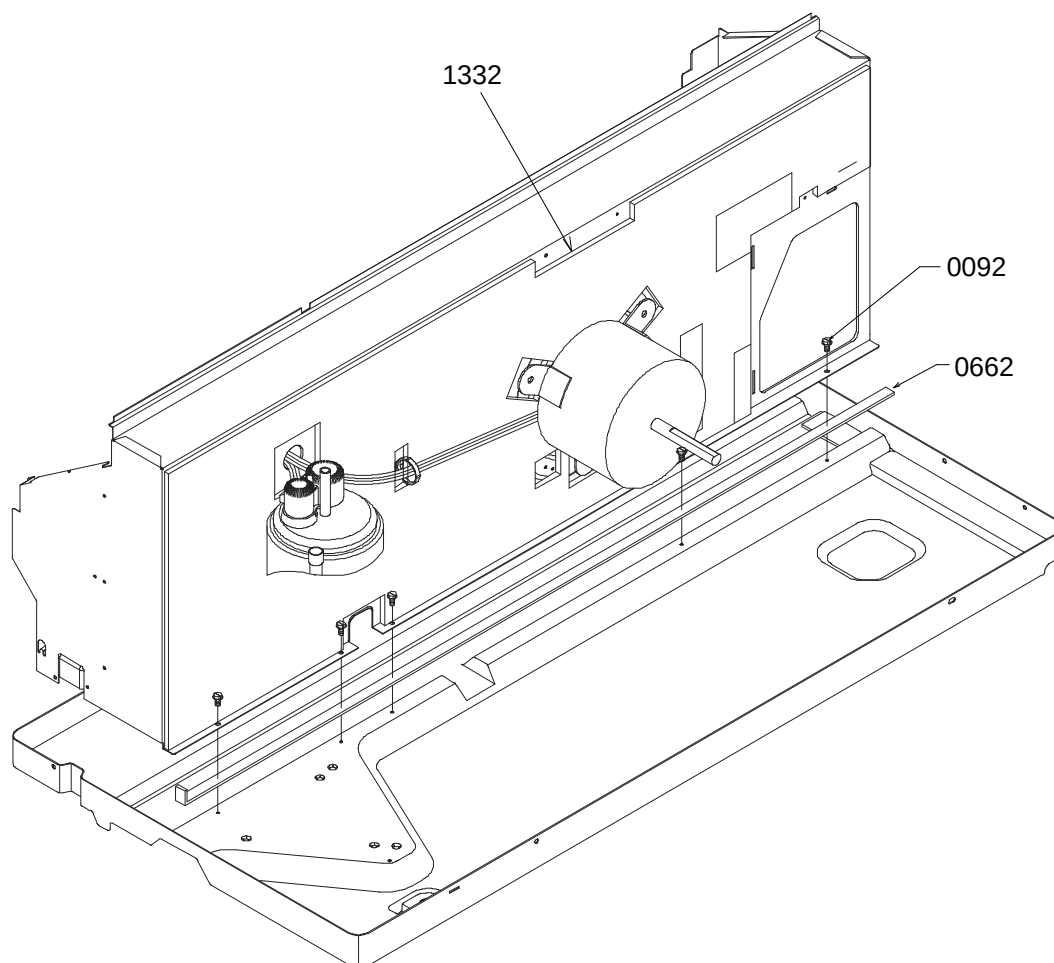


Image 2



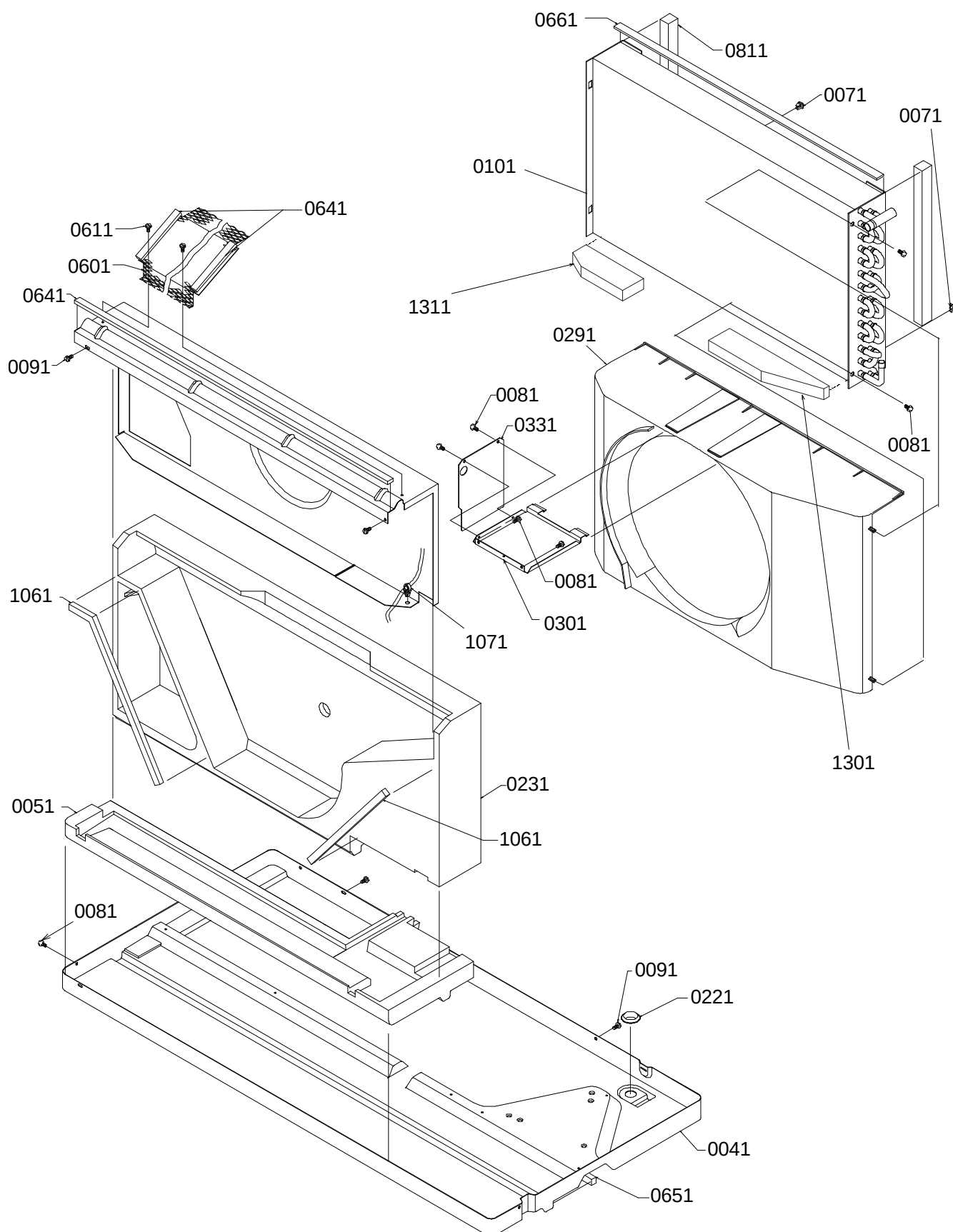
Front/Chassis

Ref. No:	Part No:	Description:	Ref. No:	Part No:	Description:
<i>Image 1</i>					
0011	11042701	FRONT			
0021	11167401	GRILLE-DISCHARGE			
0031	M0293604	PALNUT (QTY 4)			
0051	11045201	FILTER			
0061	11042602V	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			
<i>Image 2</i>					
0092	M0216716	SCREW-SM (QTY AR)			
0662	10839803	GASKET-CROSS LINK (QTY AR)			
1332	20208601	INSUL-PARTITION PNL			

Expanded Model and Color Nomenclature

M1 - PTC073A25CA	P1202301R
M2 - PTC073A35CA	P1202302R
M3 - PTC093A25CA	P1202303R
M4 - PTC093A35CA	P1202304R
M5 - PTC123A35CA	P1202306R
M6 - PTC153A35CA	P1202307R
M7 - PTC153A50CA	P1202308R
M8 - PTC094A35CA	P1202310R
M9 - PTC124A35CA	P1202312R
M10 - PTC154A35CA	P1202313R
M11 - PTC074A35CA	P1202326R
M12 - PTC154A00CA	P1202329R
M13 - PTC123A00CA	P1202330R
M14 - PTC123A50CA	P1202331R
M15 - PTC125A30CA	P1202332R

Chassis



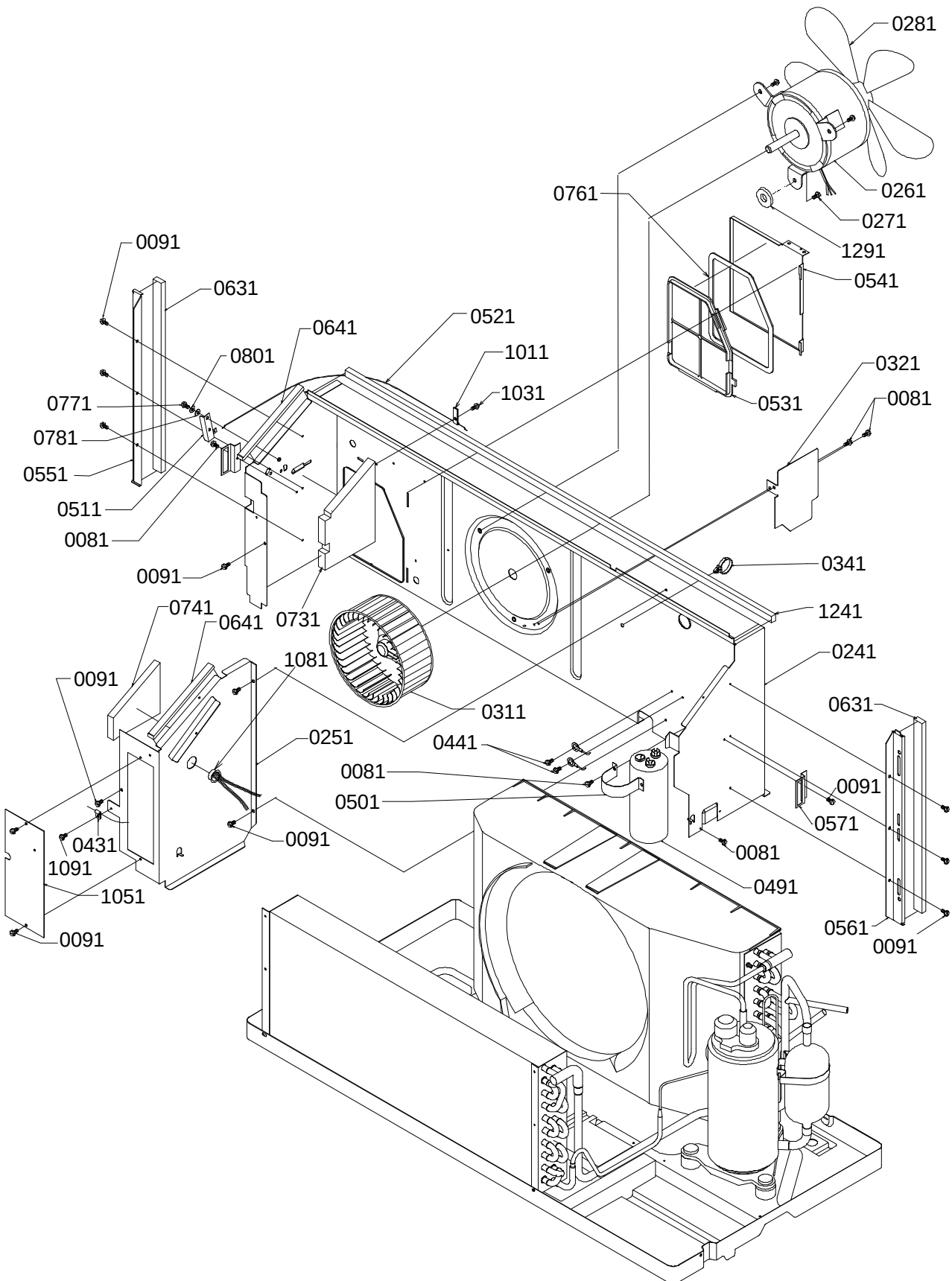
Chassis

Ref. No:	Part No:	Description:	Ref. No:	Part No:	Description:
<i>Image 1</i>					
0041	11042508	BASEPAN-PNT			
0051	11044702	PAD-EVAPORATOR			
0071	A3315701	GROMMET (QTY AR)			
0081	M0211216	SCREW-SM (QTY AR)			
0091	M0216716	SCREW-SM (QTY AR)			
0101	D9871921	COND ASSY-PNT (M3, M4, M8)			
0101	D9871922	COND ASSY-PNT (M1, M2, M11)			
0101	D9871923	COND ASSY-PNT (M5, M6, M7, M9, M10, M12, M13, M14, M15)			
0221	A3080003	PLUG-BUTTON			
0231	11045801	SCROLL-BLOWER			
0291	11167301	SHROUD-CONDENSER			
0301	11044202	TIE BRACE-PNT			
0331	11046502	TOP BAFF-PNT			
0601	11123905	SCREEN-DISCH			
0611	M0204517	SCREW-SM STL ZINC (QTY 2)			
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			
1301	20189701	INSUL-COND RH			
1311	20189801	INSUL-COND LH			

Expanded Model and Color Nomenclature

M1 - PTC073A25CA	P1202301R
M2 - PTC073A35CA	P1202302R
M3 - PTC093A25CA	P1202303R
M4 - PTC093A35CA	P1202304R
M5 - PTC123A35CA	P1202306R
M6 - PTC153A35CA	P1202307R
M7 - PTC153A50CA	P1202308R
M8 - PTC094A35CA	P1202310R
M9 - PTC124A35CA	P1202312R
M10 - PTC154A35CA	P1202313R
M11 - PTC074A35CA	P1202326R
M12 - PTC154A00CA	P1202329R
M13 - PTC123A00CA	P1202330R
M14 - PTC123A50CA	P1202331R
M15 - PTC125A30CA	P1202332R

Chassis



Chassis

Ref. No:	Part No:	Description:	Ref. No:	Part No:	Description:
<i>Image 1</i>			Expanded Model and Color Nomenclature		
0081	M0211216	SCREW-SM (QTY AR)	M1 - PTC073A25CA	P1202301R	
0091	M0216716	SCREW-SM (QTY AR)	M2 - PTC073A35CA	P1202302R	
0241	11045503	PARTITION PANEL-PNT	M3 - PTC093A25CA	P1202303R	
0251	11167503	PANEL-MID PART	M4 - PTC093A35CA	P1202304R	
0261	11114901	MOTOR-FAN (M1, M2, M3, M4)	M5 - PTC123A35CA	P1202306R	
0261	11114902	MOTOR-FAN (M5, M13, M14)	M6 - PTC153A35CA	P1202307R	
0261	11114903	MOTOR-FAN (M6, M7)	M7 - PTC153A50CA	P1202308R	
0261	11114904	MOTOR-FAN (M8, M11)	M8 - PTC094A35CA	P1202310R	
0261	11114905	MOTOR-FAN (M9)	M9 - PTC124A35CA	P1202312R	
0261	11114906	MOTOR-FAN (M10, M12, M15)	M10 - PTC154A35CA	P1202313R	
0271	M0224956	SCREW-TAP R (QTY 3)	M11 - PTC074A35CA	P1202326R	
0281	20046501	FAN-PL. COND.	M12 - PTC154A00CA	P1202329R	
0311	11044101	WHEEL-BLOWER	M13 - PTC123A00CA	P1202330R	
0321	11045402	COND INLET BAFF-PNT	M14 - PTC123A50CA	P1202331R	
0341	M0118702	CLIP-GUIDE	M15 - PTC125A30CA	P1202332R	
0431	M0108104	CLAMP-TUBE			
0441	M0227803	SCREW-TC (QTY 2)			
0491	D6879833	CAPACITOR (M1, M2, M3, M4)			
0491	D6879846	CAPACITOR (M15)			
0491	D6879850	CAPACITOR (M5, M13, M14)			
0491	D6789025	CAPACITOR-METAL (M10, M12)			
0491	D6789049	CAPACITOR-POLY (M6, M7)			
0491	D6879842	CAPACITOR-ROUND (M9)			
0491	D6879844	CAPACITOR-ROUND (M8, M11)			
0501	C6300502	STRAP-CAPACITOR CO (M1, M2, M3, M4, M5, M6, M7, M8, M9, M11, M13, M14)			
0501	C6300503	STRAP-CAPACITOR CO (M10, M12, M15)			
0511	11046302	LEVER ARM			
0521	11115401	CABLE			
0531	11046201	FILTER-VENT			
0541	11046103	VENT DOOR-PNT			
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)			
0771	M0220757	SCREW-SHLDR			
0781	M0273701	WASHER-SPRING			
0801	M0270529	WASHER-FLAT			
1011	M0108103	CLAMP-TUBE			
1031	M0211016	SCREW-SM			
1051	11167602	COVER-ACCESS			
1081	A4554801	BUSHING-SNAP			
1091	M0216529	SCREW-SM (QTY AR)			
1241	10839814	GASKET-FOAM (QTY AR)			
1291	M0270543	WASHER-FLAT			

Compressor/Tubing

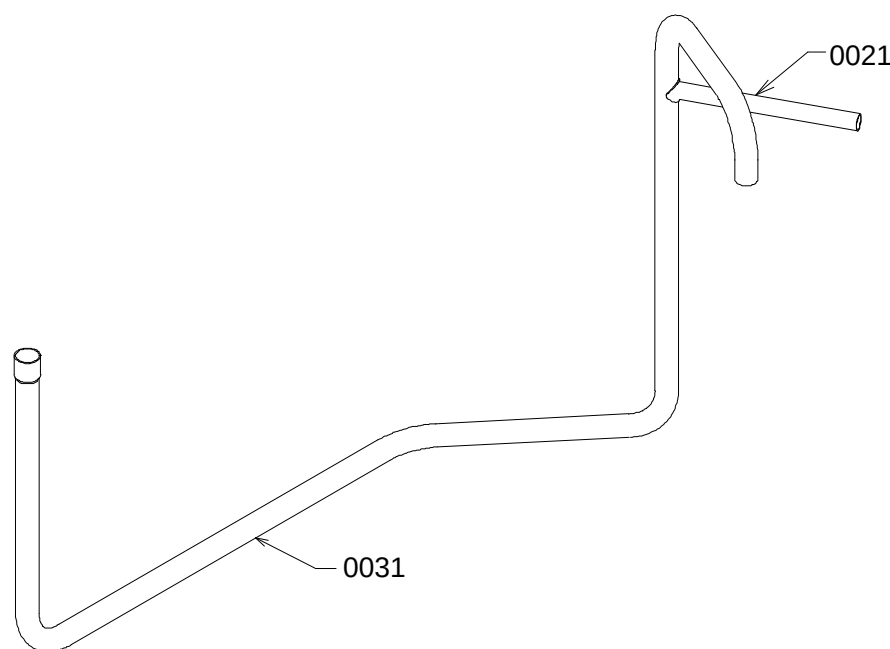
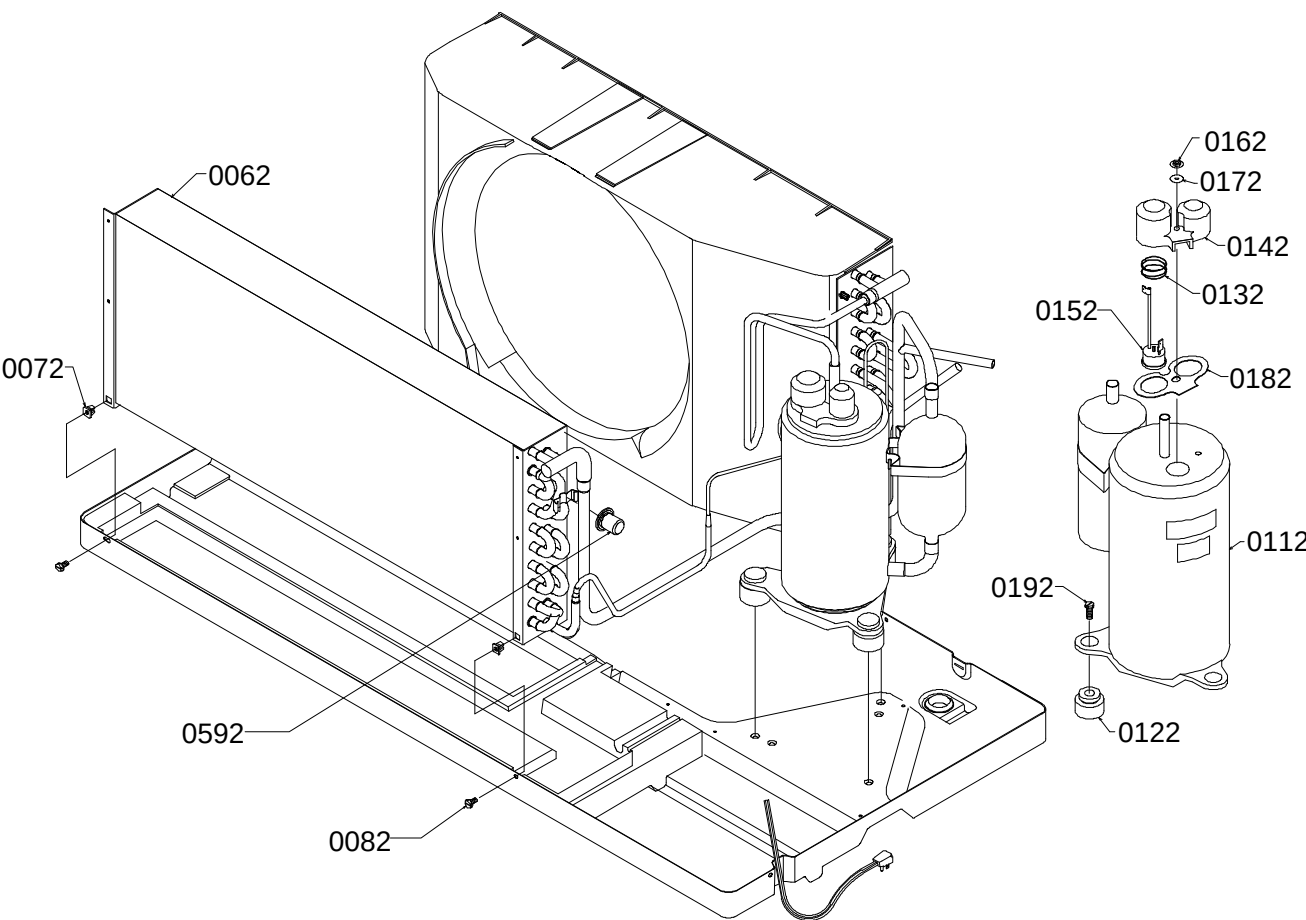


Image 1

Image 2



Compressor/Tubing

Ref. No:	Part No:	Description:	Ref. No:	Part No:	Description:
<i>Image 1</i>			Expanded Model and Color Nomenclature		
0021	A4528920	TUBE-PROCESS (M1, M2, M3, M4, M8, M11)	M1 - PTC073A25CA	P1202301R	
0021	A4528927	TUBE-PROCESS (M5, M6, M7, M9, M10, M12, M13, M14, M15)	M2 - PTC073A35CA	P1202302R	
0031	11144601	TUBE-SUCTION (M5, M6, M7, M9, M10, M12, M13, M14, M15)	M3 - PTC093A25CA	P1202303R	
0031	11194101	TUBE-SUCTION (M1, M2, M11)	M4 - PTC093A35CA	P1202304R	
0031	11194301	TUBE-SUCTION (M3, M4, M8)	M5 - PTC123A35CA	P1202306R	
<i>Image 2</i>			M6 - PTC153A35CA	P1202307R	
0000	M0211345	SCREW-SM (QTY AR)	M7 - PTC153A50CA	P1202308R	
0062	11165603	EVAP ASSY (M5, M6, M7, M9, M10, M12, M13, M14, M15)	M8 - PTC094A35CA	P1202310R	
0062	11165703	EVAP ASSY (M3, M4, M8)	M9 - PTC124A35CA	P1202312R	
0062	11165803	EVAP ASSY (M1, M2, M11)	M10 - PTC154A35CA	P1202313R	
0072	A3315701	GROMMET (QTY 4)	M11 - PTC074A35CA	P1202326R	
0082	M0211216	SCREW-SM (QTY AR)	M12 - PTC154A00CA	P1202329R	
0112	D9871711	COMP-PROTECTED (M1, M2)	M13 - PTC123A00CA	P1202330R	
0112	D9871712	COMP-PROTECTED (M11)	M14 - PTC123A50CA	P1202331R	
0112	D9871715	COMP-PROTECTED (M5, M13, M14)	M15 - PTC125A30CA	P1202332R	
0112	D9871717	COMP-PROTECTED (M9)			
0112	D9871720	COMP-PROTECTED (M3, M4)			
0112	D9871721	COMP-PROTECTED (M8)			
0112	D9871722	COMP-PROTECTED (M6, M7)			
0112	D9871723	COMP-PROTECTED (M10, M12, M15)			
0122	A3448601	GROMMET (M5, M6, M7, M9, M10, M12, M13, M14, M15) (QTY 3)			
0122	A4622801	GROMMET (M1, M2, M3, M4, M8, M11) (QTY 3)			
0132	A3436901	SPRING-OVERLOAD			
0142	10329001	COVER-TERM			
0152	D6961607	OVERLOAD (M6, M7)			
0152	D6961612	OVERLOAD (M5, M13, M14)			
0152	D6961636	OVERLOAD (M1, M2)			
0152	D6961637	OVERLOAD (M11)			
0152	D6961639	OVERLOAD (M3, M4)			
0152	D6961642	OVERLOAD (M8)			
0152	D6961643	OVERLOAD (M9)			
0152	D6961657	OVERLOAD (M10, M12)			
0152	D6961658	OVERLOAD (M15)			
0162	A3436601	NUT-TERM COVER			
0172	A3436801	GASKET-NUT			
0182	A3436701	GASKET-TERM COVER			
0192	M0253610	SCREW-SHLDR (M5, M6, M7, M9, M10, M12, M13, M14, M15) (QTY 3)			
0192	M0253661	SCREW-SHLDR (M1, M2, M3, M4, M8, M11) (QTY 3)			
0592	11046702	DISC-THERMOSTAT (M5, M6, M7, M9, M10, M12, M13, M14, M15)			
0592	11046703	DISC-THERMOSTAT (M1, M2, M3, M4, M8, M11)			

Tubing

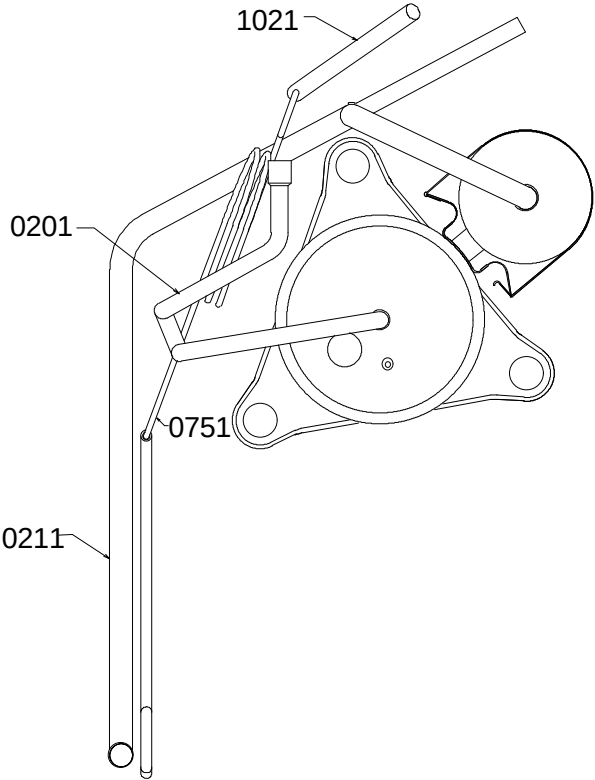
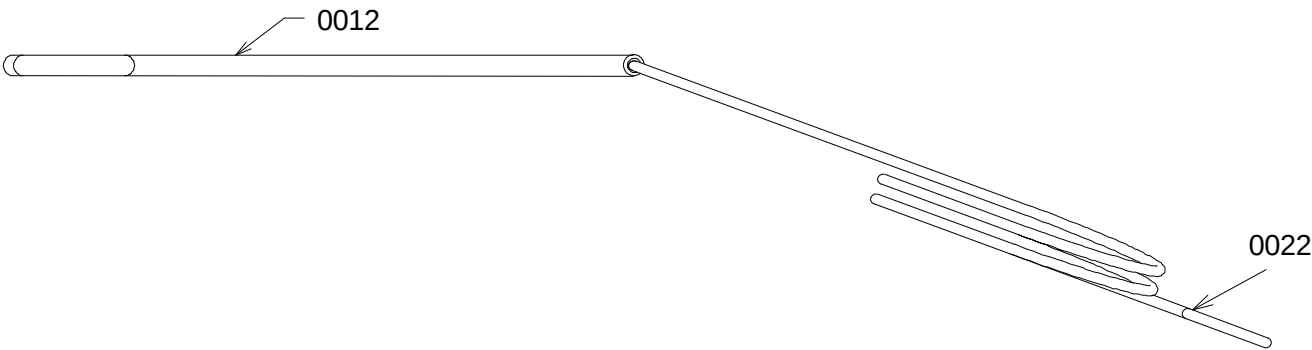


Image 1

Image 2



Tubing

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

Image 1

0201	11178502	TUBE-DISCH (M6, M7, M10, M12, M15)
0201	11194201	TUBE-DISCH (M1, M2, M3, M4, M8, M11)
0201	11180101	TUBE-DISCHARGE (M5, M9, M13, M14)
0211	11144501	SUCTION TUBE WELD (M5, M6, M7, M9, M10, M12, M13, M14, M15)
0211	11194401	SUCTION TUBE WELD (M1, M2, M11)
0211	11194501	SUCTION TUBE WELD (M3, M4, M8)
0751	11168102	CAPILLARY WELD (M1, M2, M11)
0751	11168202	CAPILLARY WELD (M3, M4, M8)
0751	11171501	CAPILLARY WELD (M5, M9, M13, M14)
0751	11171601	CAPILLARY WELD (M6, M7, M10, M12)
0751	11171602	CAPILLARY WELD (M15)
1021	B1394401	STRAINER

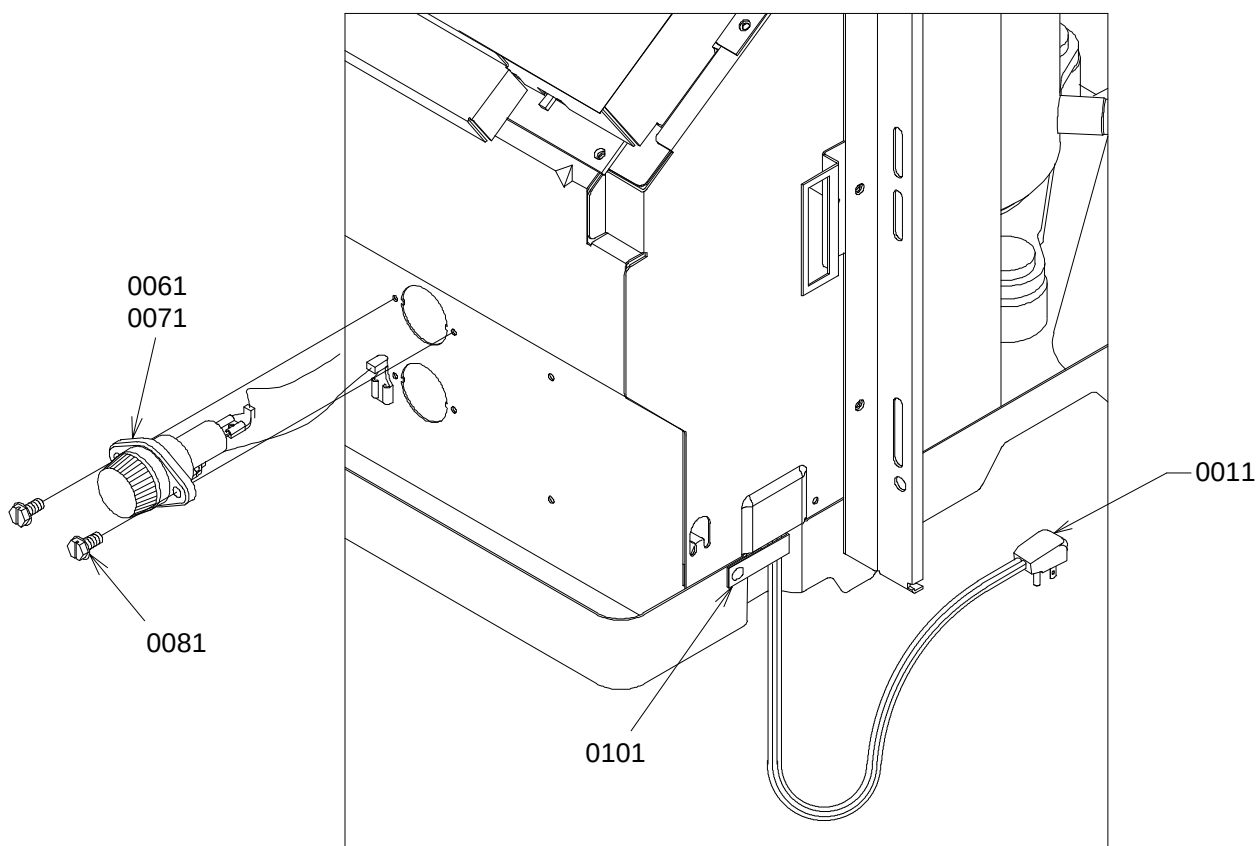
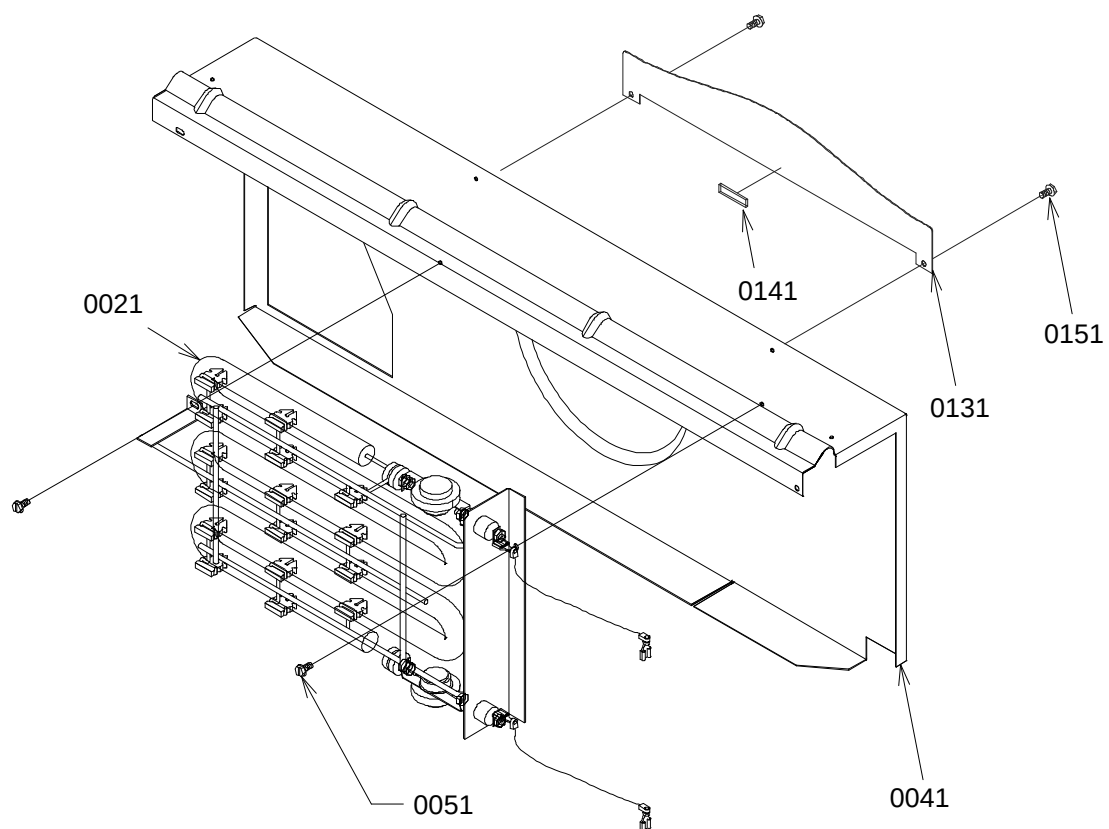
Image 2

0012	11122803	TUBE-CAPILLARY (M5, M9, M13, M14)
0012	11122805	TUBE-CAPILLARY (M6, M7, M10, M12)
0012	11122807	TUBE-CAPILLARY (M15)
0012	20208401	TUBE-CAPILLARY (M1, M2, M11)
0012	20208501	TUBE-CAPILLARY (M3, M4, M8)
0022	11177501	ELBOW (M5, M6, M7, M9, M10, M12, M13, M14, M15)
0022	11177502	ELBOW (M1, M2, M3, M4, M8, M11)

Expanded Model and Color Nomenclature

M1 - PTC073A25CA	P1202301R
M2 - PTC073A35CA	P1202302R
M3 - PTC093A25CA	P1202303R
M4 - PTC093A35CA	P1202304R
M5 - PTC123A35CA	P1202306R
M6 - PTC153A35CA	P1202307R
M7 - PTC153A50CA	P1202308R
M8 - PTC094A35CA	P1202310R
M9 - PTC124A35CA	P1202312R
M10 - PTC154A35CA	P1202313R
M11 - PTC074A35CA	P1202326R
M12 - PTC154A00CA	P1202329R
M13 - PTC123A00CA	P1202330R
M14 - PTC123A50CA	P1202331R
M15 - PTC125A30CA	P1202332R

Heater



Heater

Ref. No:	Part No:	Description:	Ref. No:	Part No:	Description:
<i>Image 1</i>					
0011	11114401	CORD-250V 15A (M1, M3, M13)			
0011	11114501	CORD-250V 20A (M2, M4, M5, M6)			
0011	11114601	CORD-250V 30A (M7, M14)			
0011	11114701	CORD-277V-20A (M8, M9, M10, M11, M12, M15)			
0021	11116202	HTR 3 2.5 KW ASSY (M1, M3)			
0021	11116203	HTR 3 3.5KW ASSY (M2, M4, M5, M6)			
0021	11177801	HTR 3 5.0 KW ASSY (M14)			
0021	11116205	HTR 3 5.0KW ASSY (M7)			
0021	11116208	HTR 4 3.7 KW ASSY (M8, M9, M10, M11, M15)			
0041	11044304	BLOWER INTAKE-PNT			
0051	M0216716	SCREW-SM (QTY 2)			
0061	C6476002	HOLDER-BAYONET FUSE (M8, M9, M10, M11, M12)			
0071	A3410402	FUSE-15A (M12)			
0071	A3410403	FUSE-20A (M8, M9, M10, M11)			
0081	M0213817	SCREW-SM (M8, M9, M10, M11, M12) (QTY 2)			
0101	M0103905	CLAMP-SPEED (M1, M3, M13)			
0101	M0103906	CLAMP-SPEED (M2, M4, M5, M6, M7, M8, M9, M10, M11, M12, M14, M15)			
0131	11043902	BLOW INTK EXT-PNT			
0141	10839722	GASKET-URETHANE			
0151	M0216716	SCREW-SM (QTY 2)			

Expanded Model and Color Nomenclature

M1 - PTC073A25CA	P1202301R
M2 - PTC073A35CA	P1202302R
M3 - PTC093A25CA	P1202303R
M4 - PTC093A35CA	P1202304R
M5 - PTC123A35CA	P1202306R
M6 - PTC153A35CA	P1202307R
M7 - PTC153A50CA	P1202308R
M8 - PTC094A35CA	P1202310R
M9 - PTC124A35CA	P1202312R
M10 - PTC154A35CA	P1202313R
M11 - PTC074A35CA	P1202326R
M12 - PTC154A00CA	P1202329R
M13 - PTC123A00CA	P1202330R
M14 - PTC123A50CA	P1202331R
M15 - PTC125A30CA	P1202332R

Control Panels

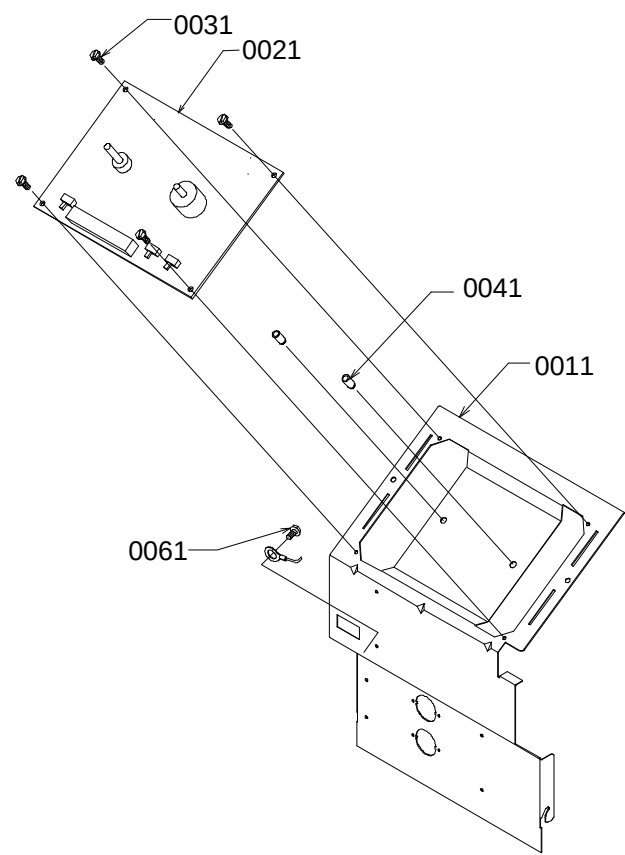
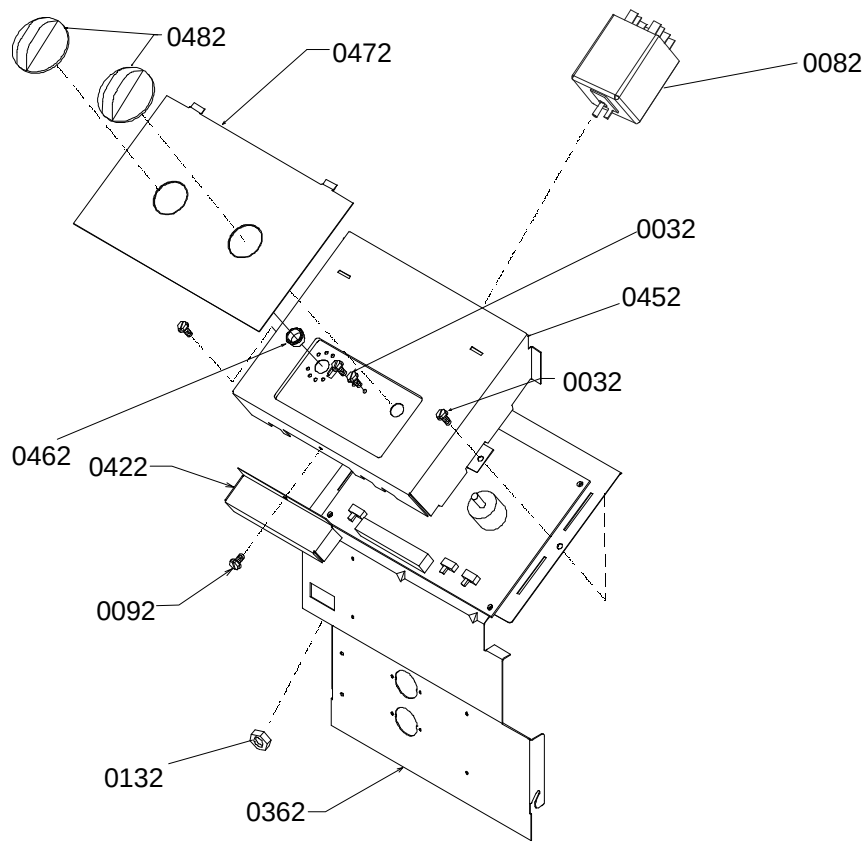


Image 1

Image 2



Control Panels

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

Image 1

0011	11044501	PANEL-CONTROL
0021	11043301	PC BOARD
0031	M0216529	SCREW-SM (QTY 4)
0041	M0590702	SUPPORT (QTY 2)
0061	M0227803	SCREW-TC

Image 2

0032	M0216529	SCREW-SM (QTY AR)
0082	C8873917	RELAY (M14)
0092	M0216716	SCREW-SM (QTY AR)
0132	M0282005	NUT-KEPS (M14)
0362	11121501	CONT PANEL ASSY (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M15)
0362	11191301	CONT PANEL ASSY (M14)
0422	11045601	COVER-TERM BLOCK
0452	11044401	COVER-CONTROL PANEL
0462	M0117902	CLIP-TUBULAR
0472	20005701	PLATE-ESC
0482	11042902	KNOB-CONTROL (QTY 2)

Expanded Model and Color Nomenclature

M1 - PTC073A25CA	P1202301R
M2 - PTC073A35CA	P1202302R
M3 - PTC093A25CA	P1202303R
M4 - PTC093A35CA	P1202304R
M5 - PTC123A35CA	P1202306R
M6 - PTC153A35CA	P1202307R
M7 - PTC153A50CA	P1202308R
M8 - PTC094A35CA	P1202310R
M9 - PTC124A35CA	P1202312R
M10 - PTC154A35CA	P1202313R
M11 - PTC074A35CA	P1202326R
M12 - PTC154A00CA	P1202329R
M13 - PTC123A00CA	P1202330R
M14 - PTC123A50CA	P1202331R
M15 - PTC125A30CA	P1202332R