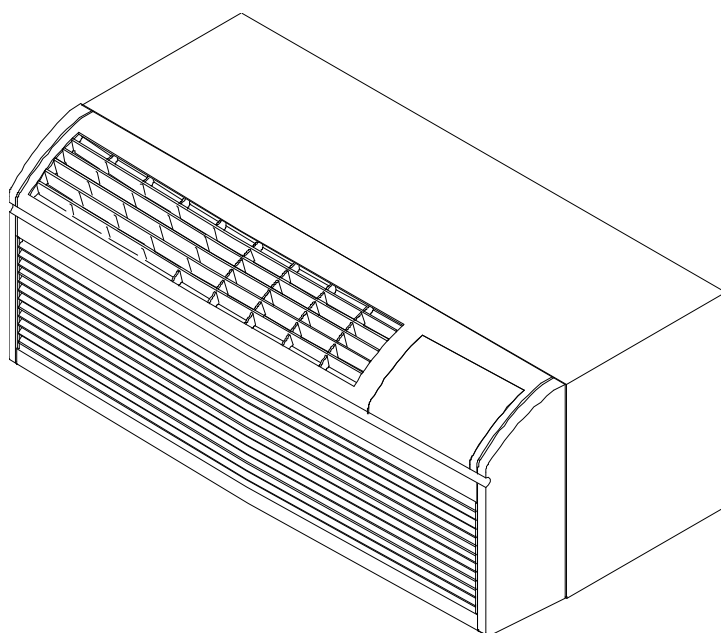


Models and manufacturing
numbers in this manual

PTH093A35MA	P1202289R
PTH123A35MA	P1202290R
PTH123A50MA	P1223549R
PTH153A35MA	P1202291R
PTH153A50MA	P1223559R

Parts

Package Terminal Air Conditioners (Heat Pump Models)



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

RP4220017
Revision 0
October 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
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
Amana IA 52204-0001
USA
319-622-5511--Telephone
319-622-8595--Facsimile

Index

Functional Parts List 5

Illustration and Parts 6 - 19

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

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:

D6879833	CAPACITOR (M1)
D6789051	CAPACITOR (M2, M4)
D6789049	CAPACITOR-POLY (M3, M5)
D6926116	COMP-PN 2K21S3R236A (M3, M5)
D6985807	COMP-PN 2P17S3R236A (M2, M4)
D6887711	COMP-PN 2R13S3R236A (M1)
11114501	CORD-250V 20A (M1, M2, M3)
11114601	CORD-250V 30A (M4, M5)
11046705	DISC-THERMOSTAT
11046702	DISC-THERMOSTAT
M0804204	FUSE-GLASS
10685008	HARNESS-COIL
11116203	HTR 3 3.5KW ASSY (M1, M2, M3)
11177801	HTR 3 5.0 KW ASSY (M4)
11116205	HTR 3 5.0KW ASSY (M5)
11114903	MOTOR-FAN (M3, M5)
11114901	MOTOR-FAN (M1)
11114902	MOTOR-FAN (M2, M4)
D6961639	OVERLOAD (M1)
D6961612	OVERLOAD (M2, M4)
D6961607	OVERLOAD (M3, M5)
11043301	PC BOARD
C8873917	RELAY (M4)
B1158411	TSTAT-DISC TYPE (M1, M2, M3)
B1158410	TSTAT-DISC TYPE (M1, M2, M3)
B1158418	TSTAT-DISC TYPE (M4)
B1158416	TSTAT-DISC TYPE (M5)
B1158408	TSTAT-DISC TYPE (M5)
B1158417	TSTAT-DISC TYPE (M4)

SPECIAL PARTS

11113301	MANUAL-OWNERS
RP4220017	MANUAL-PARTS

Expanded Model and Color Nomenclature

M1 - PTH093A35MA	P1202289R
M2 - PTH123A35MA	P1202290R
M3 - PTH153A35MA	P1202291R
M4 - PTH123A50MA	P1223549R
M5 - PTH153A50MA	P1223559R

Front/Chassis

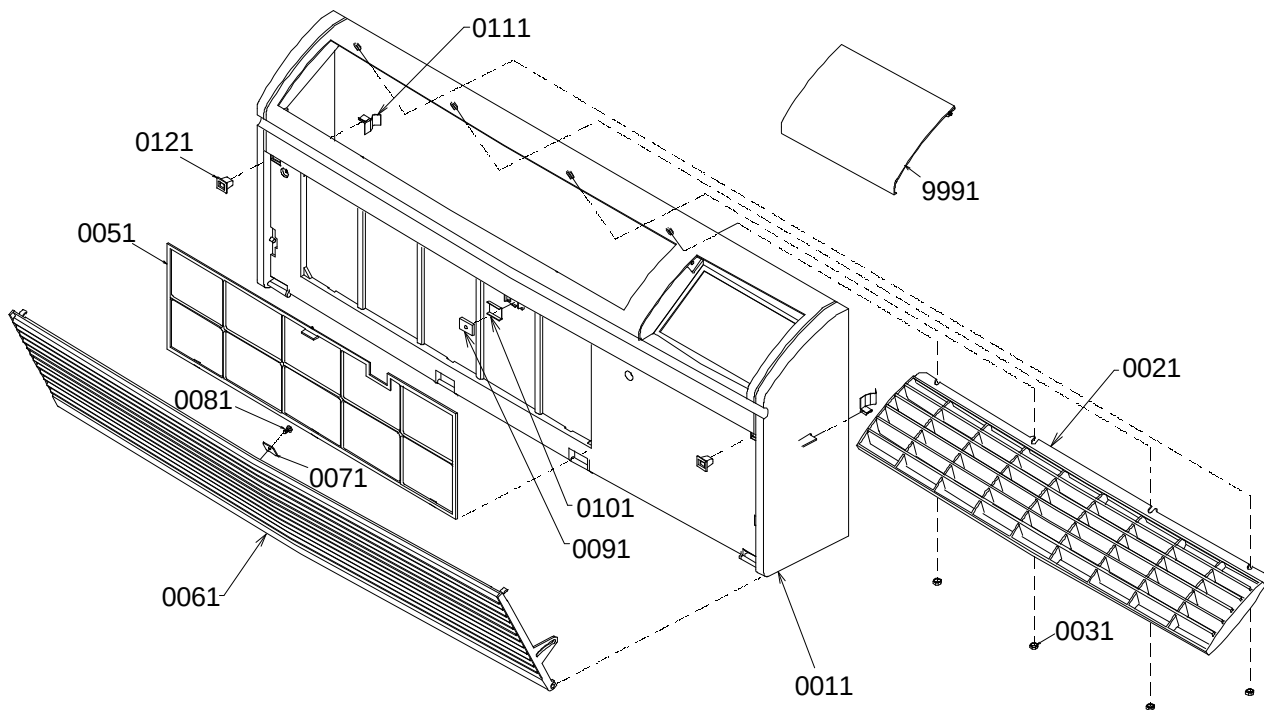
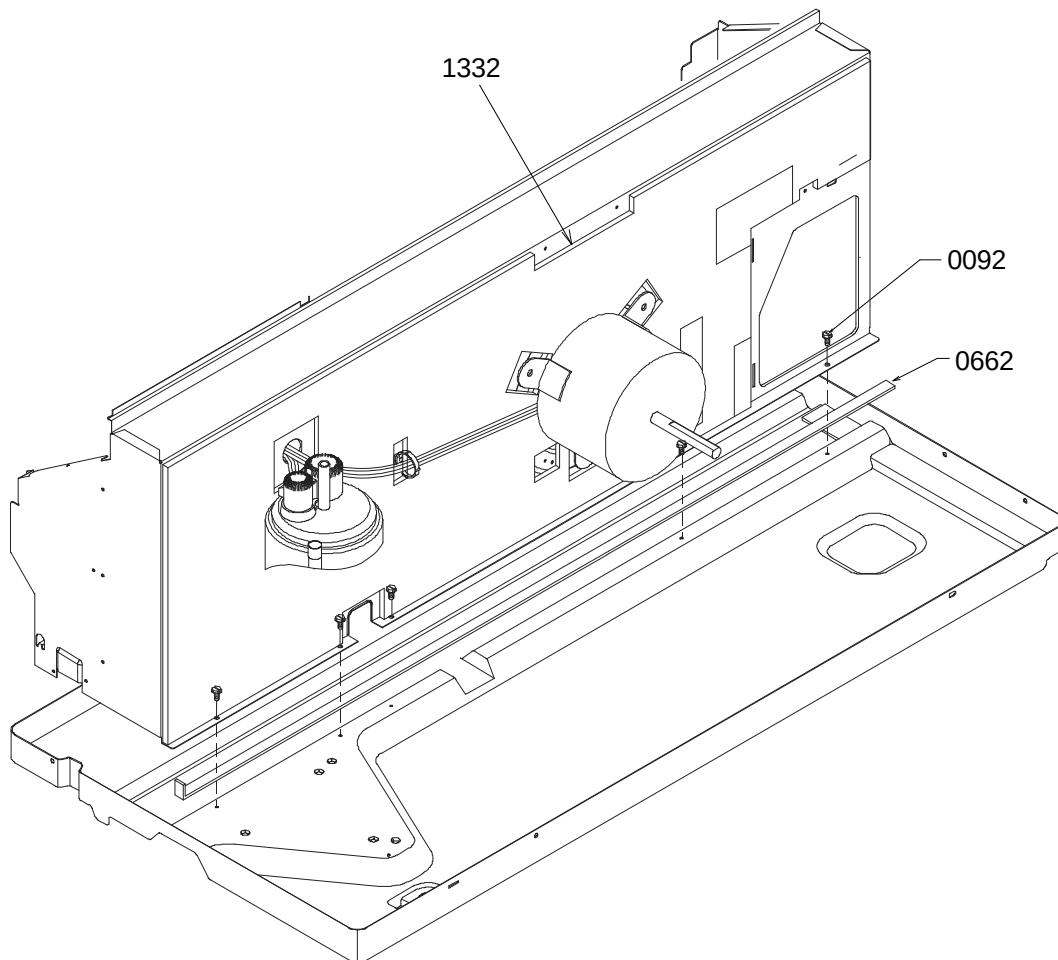


Image 1

Image 2



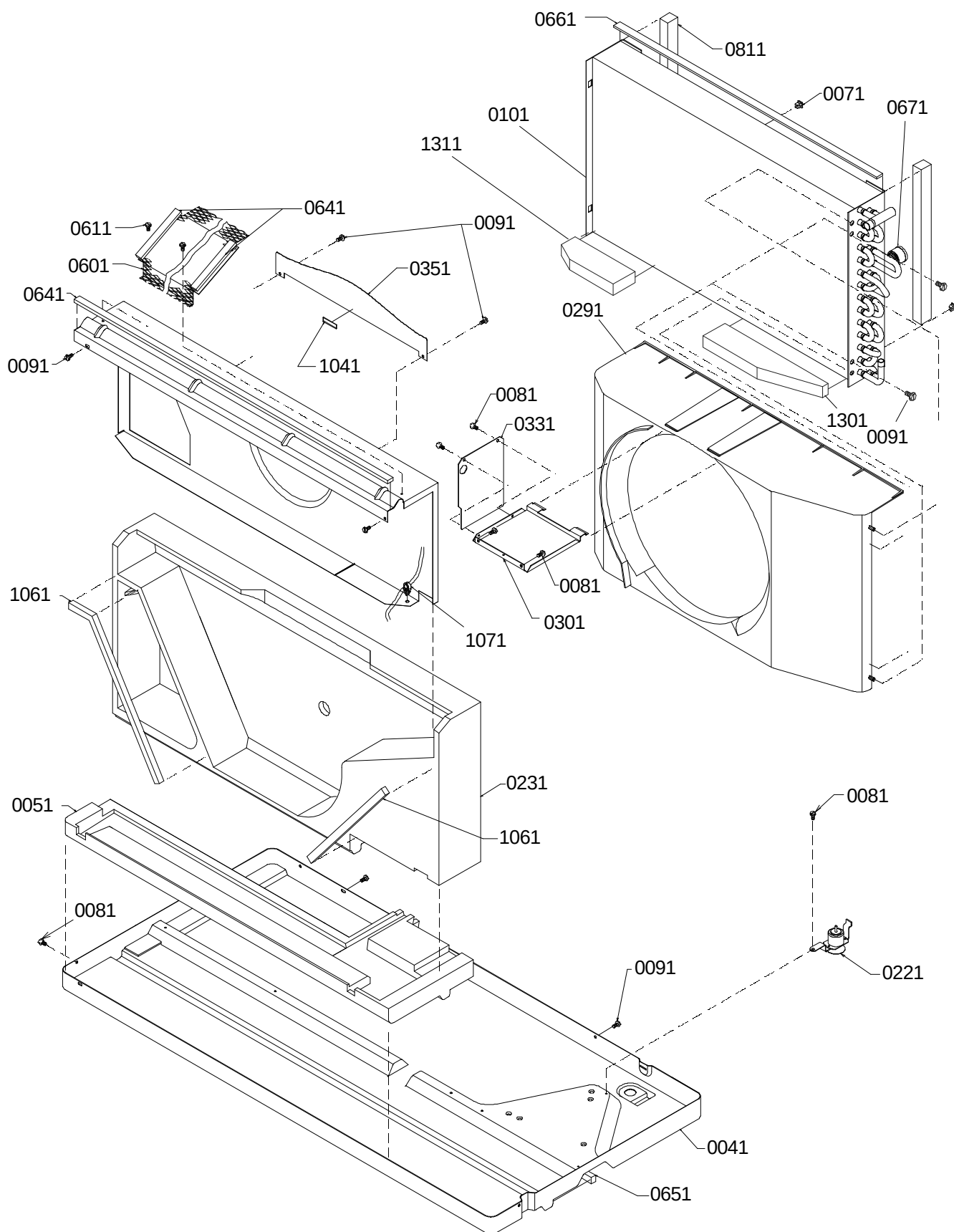
Front/Chassis

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 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			
<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 - PTH093A35MA	P1202289R
M2 - PTH123A35MA	P1202290R
M3 - PTH153A35MA	P1202291R
M4 - PTH123A50MA	P1223549R
M5 - PTH153A50MA	P1223559R

Chassis



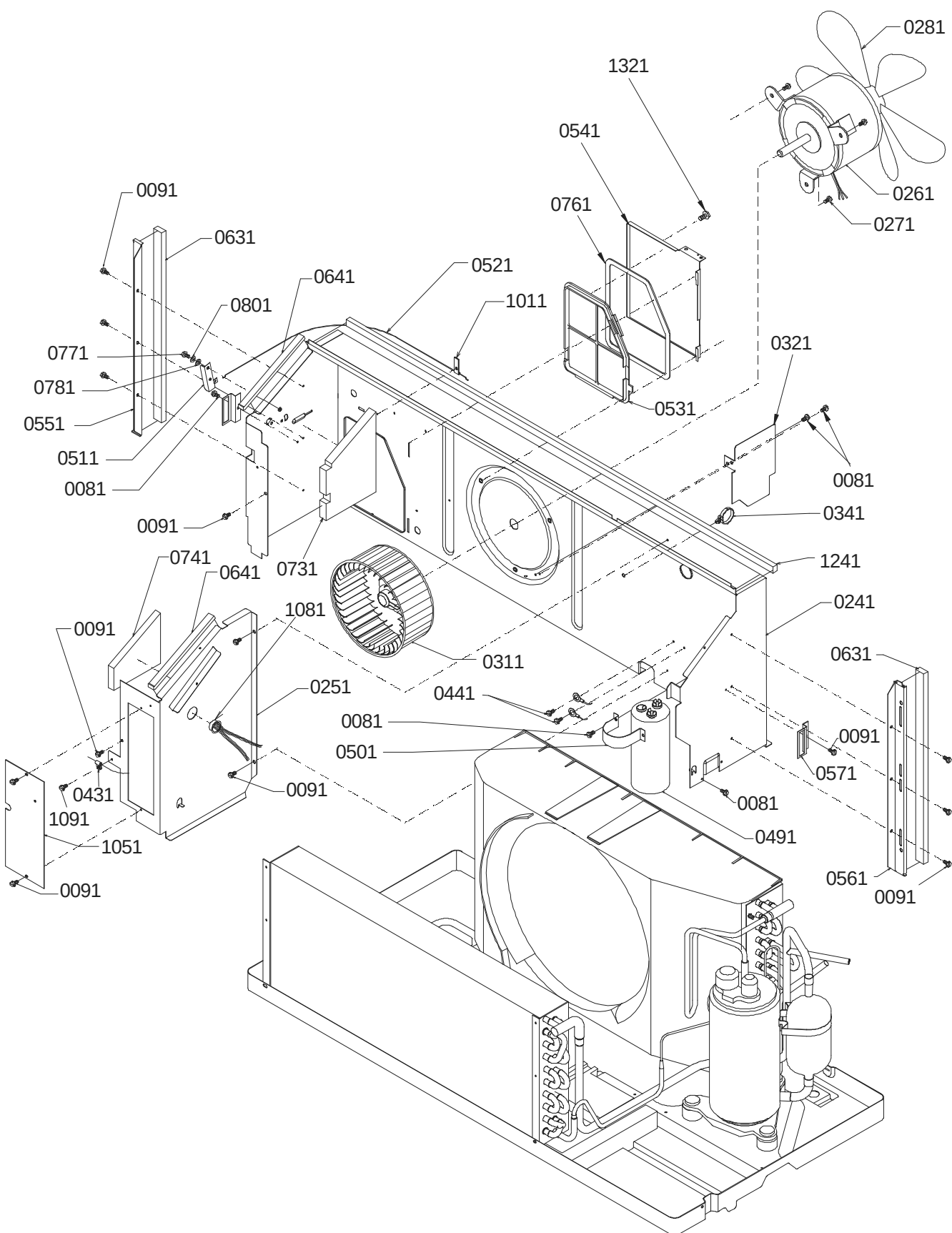
Chassis

Ref. No:	Part No:	Description:	Ref. No:	Part No:	Description:
<i>Image 1</i>					
0041	11042507	BASEPAN-PNT			
0051	11044702	PAD-EVAPORATOR			
0071	A3315701	GROMMET (QTY AR)			
0081	M0211216	SCREW-SM (QTY AR)			
0091	M0216716	SCREW-SM (QTY AR)			
0101	20007502	COND ASSY (M2, M3, M4, M5)			
0101	20007503	COND ASSY (M1)			
0221	11043402	VALVE-DRAIN PAN			
0231	11045801	SCROLL-BLOWER			
0291	11167301	SHROUD-CONDENSER			
0301	11044201	BRACE-TIE			
0331	11046501	BAFFLE-TOP			
0351	11043902	BLW IN EX PNT			
0601	11123906	DISCH SCREEN-PNT			
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)			
0671	11046705	DISC-THERMOSTAT			
0811	10839712	GASKET-URETHANE (QTY AR)			
1041	10839722	GASKET-URETHANE			
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 - PTH093A35MA	P1202289R
M2 - PTH123A35MA	P1202290R
M3 - PTH153A35MA	P1202291R
M4 - PTH123A50MA	P1223549R
M5 - PTH153A50MA	P1223559R

Chassis



Chassis

Ref. No:	Part No:	Description:	Ref. No:	Part No:	Description:
<i>Image 1</i>					
0081	M0211216	SCREW-SM (QTY AR)			
0091	M0216716	SCREW-SM (QTY AR)			
0241	11045504	PARTITION PANEL			
0251	11167503	PANEL-MID PART			
0261	11114901	MOTOR-FAN (M1)			
0261	11114902	MOTOR-FAN (M2, M4)			
0261	11114903	MOTOR-FAN (M3, M5)			
0271	M0224956	SCREW-TAP R (QTY 3)			
0281	20046501	FAN-PL. COND.			
0311	11044101	WHEEL-BLOWER			
0321	20245401	BAFFLE-COND INLET			
0341	M0118702	CLIP-GUIDE			
0431	M0108104	CLAMP-TUBE			
0441	M0227803	SCREW-TC (QTY AR)			
0491	D6789051	CAPACITOR (M2, M4)			
0491	D6879833	CAPACITOR (M1)			
0491	D6789049	CAPACITOR-POLY (M3, M5)			
0501	C6300502	STRAP-CAPACITOR			
0511	11046302	LEVER ARM			
0521	11115401	CABLE			
0531	11046201	FILTER-VENT			
0541	11046104	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)			
0771	M0220757	SCREW-SHLDR			
0781	M0273701	WASHER-SPRING			
0801	M0270529	WASHER-FLAT			
1011	M0108103	CLAMP-TUBE			
1051	11167602	COVER-ACCESS			
1081	A4554801	BUSHING-SNAP			
1091	M0216529	SCREW-SM (QTY AR)			
1241	10839814	GASKET-FOAM (QTY AR)			
1321	M0233706	SCREW-SD			

Expanded Model and Color Nomenclature

M1 - PTH093A35MA	P1202289R
M2 - PTH123A35MA	P1202290R
M3 - PTH153A35MA	P1202291R
M4 - PTH123A50MA	P1223549R
M5 - PTH153A50MA	P1223559R

Compressor/Tubing

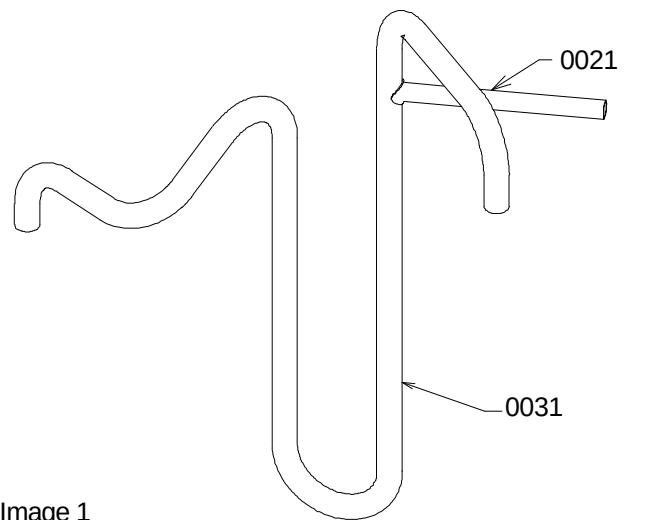


Image 1

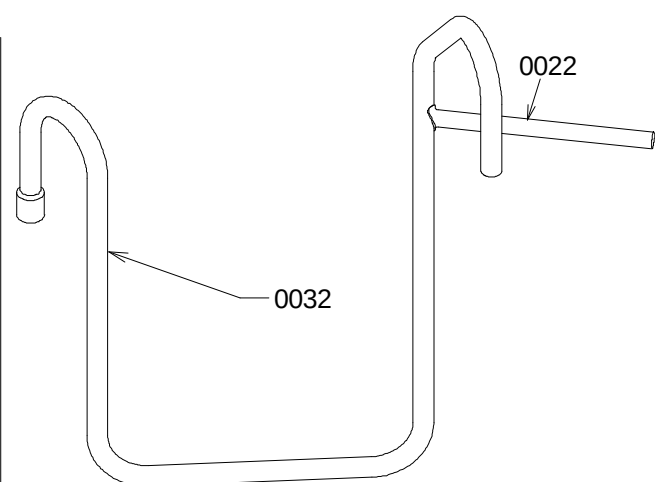
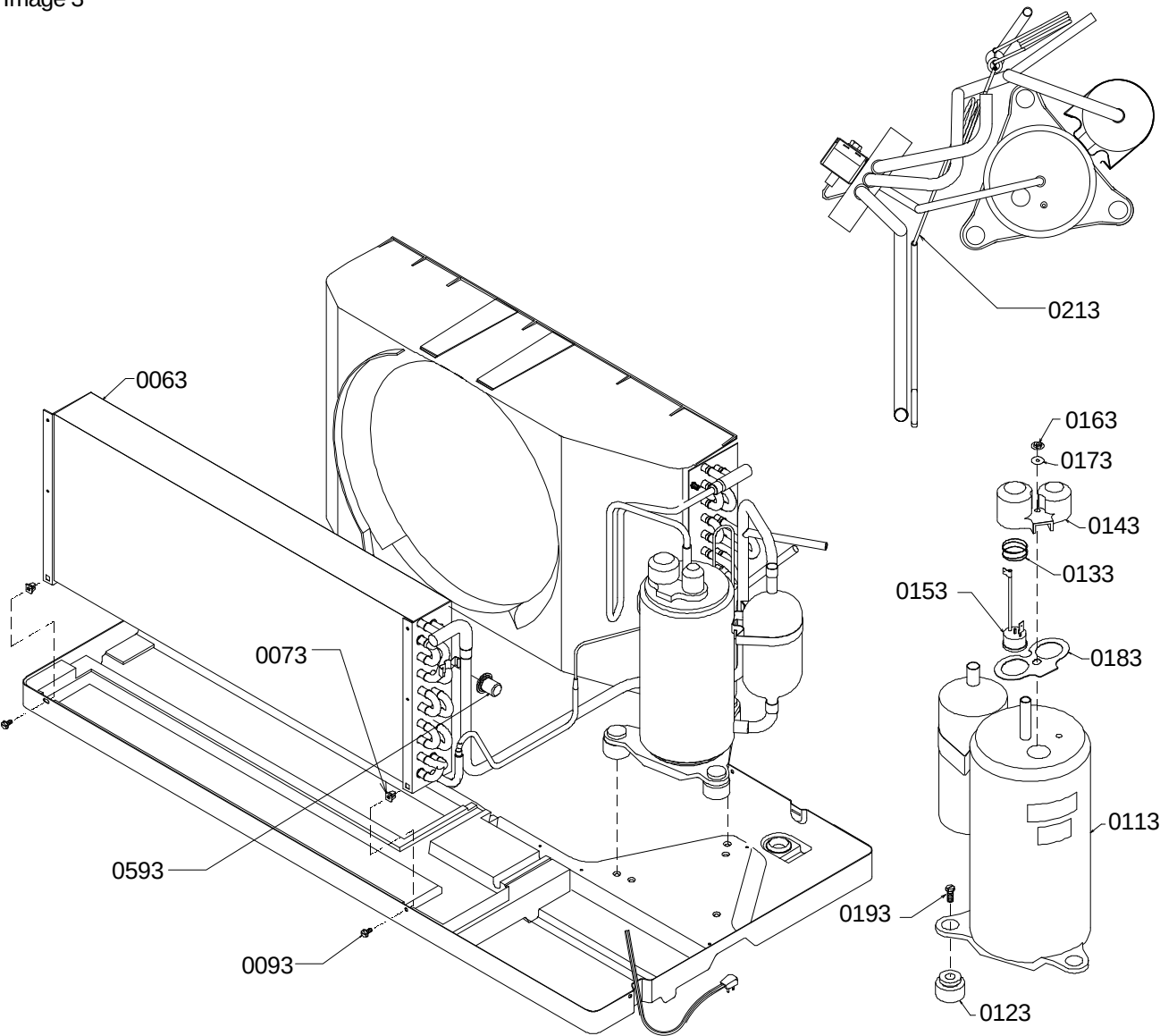


Image 2

Image 3



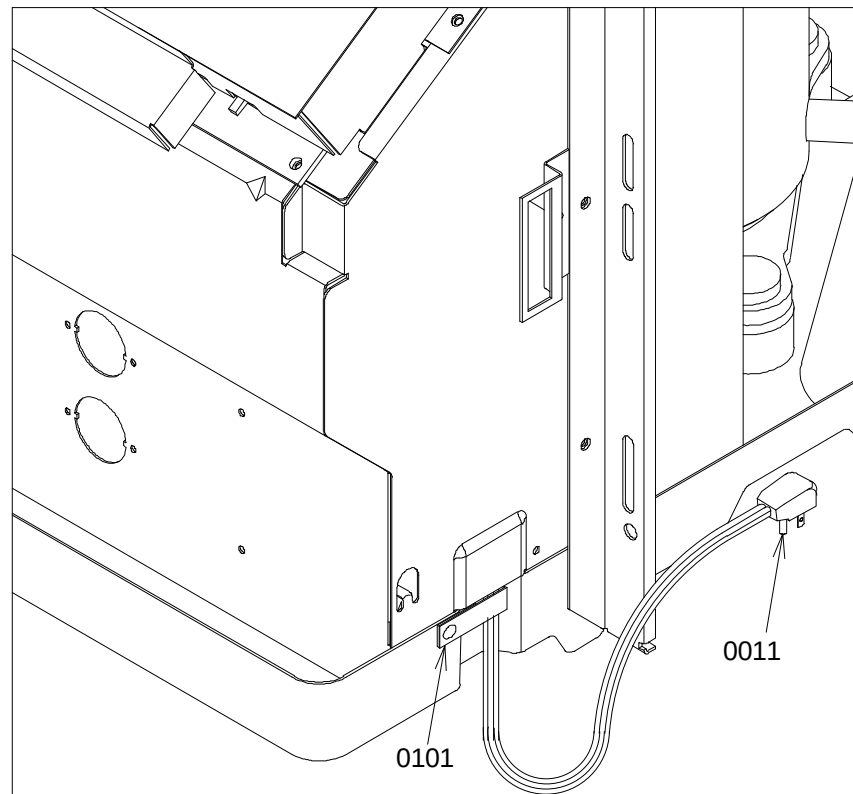
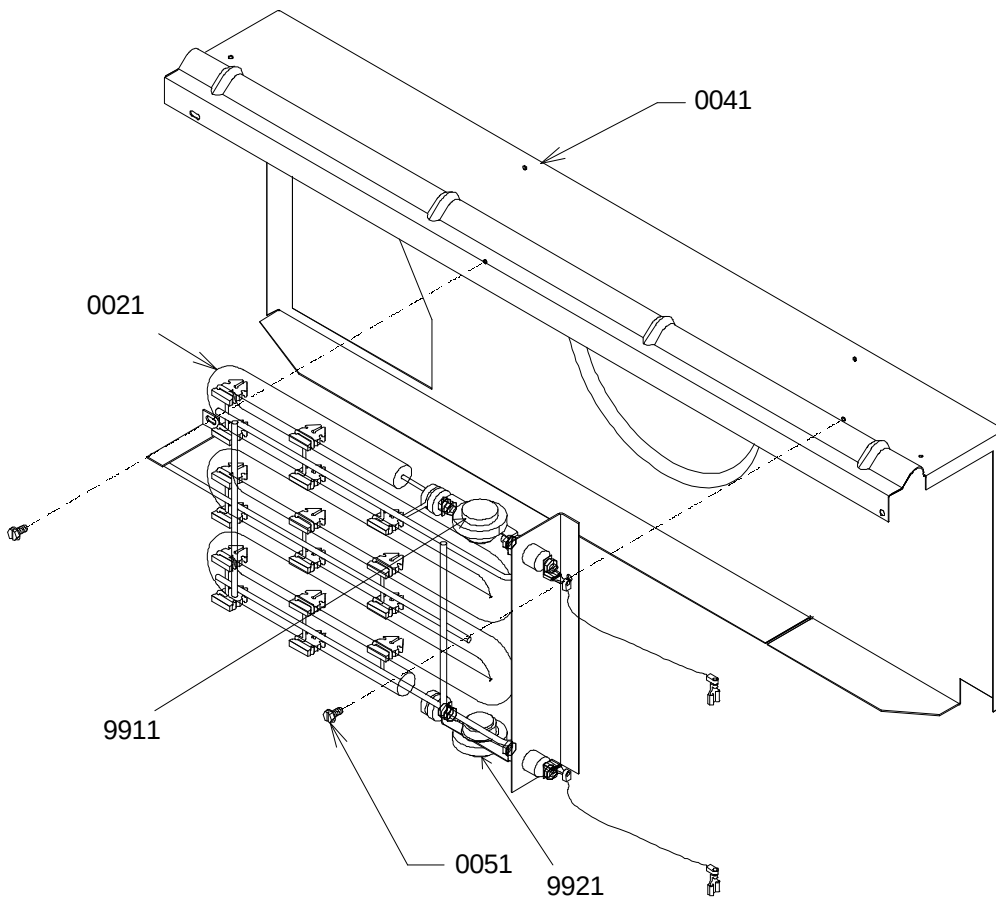
Compressor/Tubing

Ref. No:	Part No:	Description:	Ref. No:	Part No:	Description:
<i>Image 1</i>					
0021	A4528927	TUBE-PROCESS (M2, M3, M4, M5)			
0031	20210801	TUBE-SUCTION (M2, M3, M4, M5)			
<i>Image 2</i>					
0022	A4528920	TUBE-PROCESS (M1)			
0032	20042201	TUBE-SUCTION (M1)			
<i>Image 3</i>					
0000	M0211345	SCREW-SM (QTY AR)			
0063	11165603	EVAP ASSY (M2, M3, M4, M5)			
0063	11165703	EVAP ASSY (M1)			
0073	A3315701	GROMMET (QTY AR)			
0093	M0216716	SCREW-SM (QTY AR)			
0113	D6926116	COMP-PN 2K21S3R236A (M3, M5)			
0113	D6985807	COMP-PN 2P17S3R236A (M2, M4)			
0113	D6887711	COMP-PN 2R13S3R236A (M1)			
0123	A3448601	GROMMET (M2, M3, M4, M5) (QTY 3)			
0123	A4622801	GROMMET (M1) (QTY 3)			
0133	A3436901	SPRING-OVERLOAD			
0143	10329001	COVER-TERM			
0153	D6961607	OVERLOAD (M3, M5)			
0153	D6961612	OVERLOAD (M2, M4)			
0153	D6961639	OVERLOAD (M1)			
0163	A3436601	NUT-TERM COVER			
0173	A3436801	GASKET-NUT			
0183	A3436701	GASKET-TERM COVER			
0193	M0253610	SCREW-SHLDR (M2, M3, M4, M5) (QTY 3)			
0193	M0253661	SCREW-SHLDR (M1) (QTY 3)			
0213	11194602	CAPILLARY WELD (M1)			
0213	11194802	CAPILLARY WELD (M3, M5)			
0213	11195303	CAPILLARY WELD (M2, M4)			
0593	11046702	DISC-THERMOSTAT			

Expanded Model and Color Nomenclature

M1 - PTH093A35MA	P1202289R
M2 - PTH123A35MA	P1202290R
M3 - PTH153A35MA	P1202291R
M4 - PTH123A50MA	P1223549R
M5 - PTH153A50MA	P1223559R

Heater



Heater

Ref. No:	Part No:	Description:	Ref. No:	Part No:	Description:
<i>Image 1</i>					
0011	11114501	CORD-250V 20A (M1, M2, M3)			
0011	11114601	CORD-250V 30A (M4, M5)			
0021	11116203	HTR 3 3.5KW ASSY (M1, M2, M3)			
0021	11177801	HTR 3 5.0 KW ASSY (M4)			
0021	11116205	HTR 3 5.0KW ASSY (M5)			
0041	11044304	BLWR INTK-PNT			
0051	M0216716	SCREW-SM (QTY AR)			
0101	M0103906	CLAMP-SPEED			
9911	B1158410	TSTAT-DISC TYPE (M1, M2, M3)			
9911	B1158416	TSTAT-DISC TYPE (M5)			
9911	B1158417	TSTAT-DISC TYPE (M4)			
9921	B1158408	TSTAT-DISC TYPE (M5)			
9921	B1158411	TSTAT-DISC TYPE (M1, M2, M3)			
9921	B1158418	TSTAT-DISC TYPE (M4)			

Expanded Model and Color Nomenclature

M1 - PTH093A35MA	P1202289R
M2 - PTH123A35MA	P1202290R
M3 - PTH153A35MA	P1202291R
M4 - PTH123A50MA	P1223549R
M5 - PTH153A50MA	P1223559R

Control Panel

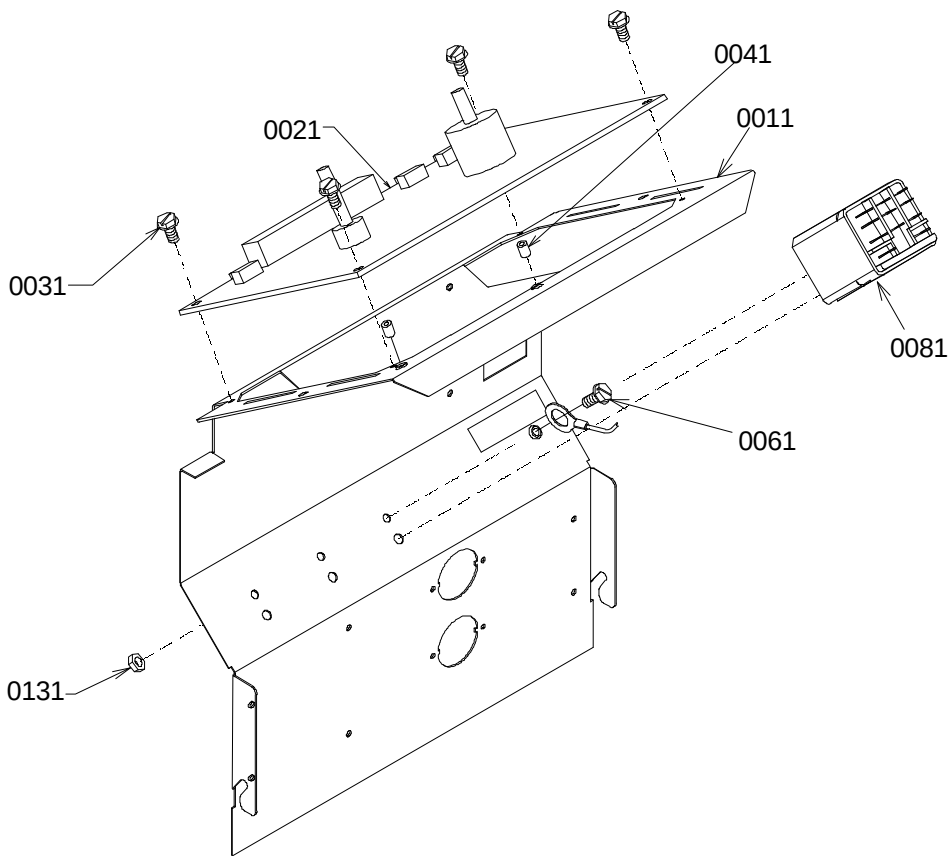
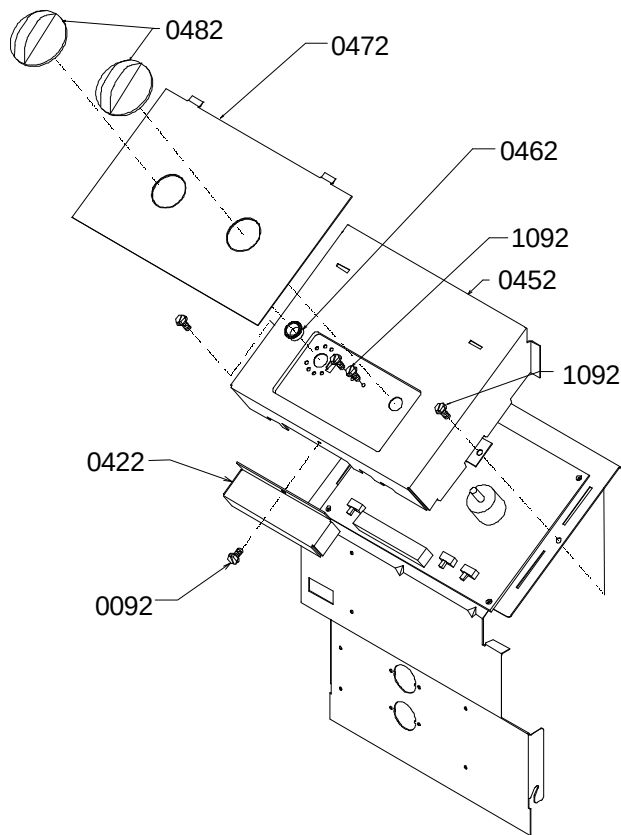


Image 1

Image 2



Control Panel

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

0000	M0804204	FUSE-GLASS
0011	11044501	PANEL-CONTROL
0021	11043301	PC BOARD
0031	M0216529	SCREW-SM (QTY AR)
0041	M0590702	SUPPORT (QTY 2)
0061	M0227803	SCREW-TC
0081	C8873917	RELAY (M4)
0131	M0282005	NUT-KEPS (M4)

Image 2

0092	M0216716	SCREW-SM (QTY AR)
0422	11045601	COVER-TERM BLOCK
0452	11044401	COVER-CONTROL PANEL
0462	M0117902	CLIP-TUBULAR
0472	20005701	PLATE-ESC
0482	11042902	KNOB-CONTROL (QTY 2)
1092	M0216529	SCREW-SM (QTY AR)

Expanded Model and Color Nomenclature

M1 - PTH093A35MA	P1202289R
M2 - PTH123A35MA	P1202290R
M3 - PTH153A35MA	P1202291R
M4 - PTH123A50MA	P1223549R
M5 - PTH153A50MA	P1223559R

Sweat Valve/Capillary Tubing

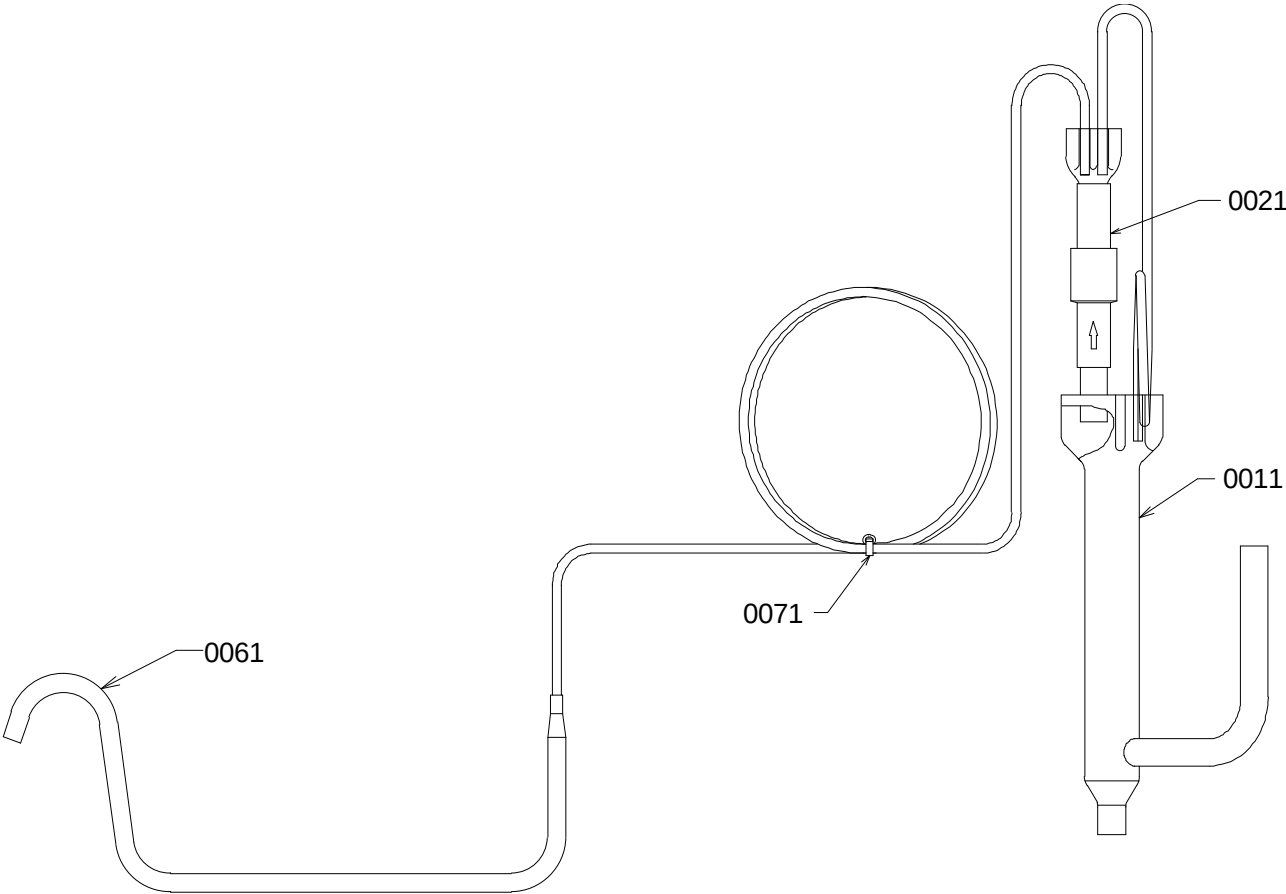
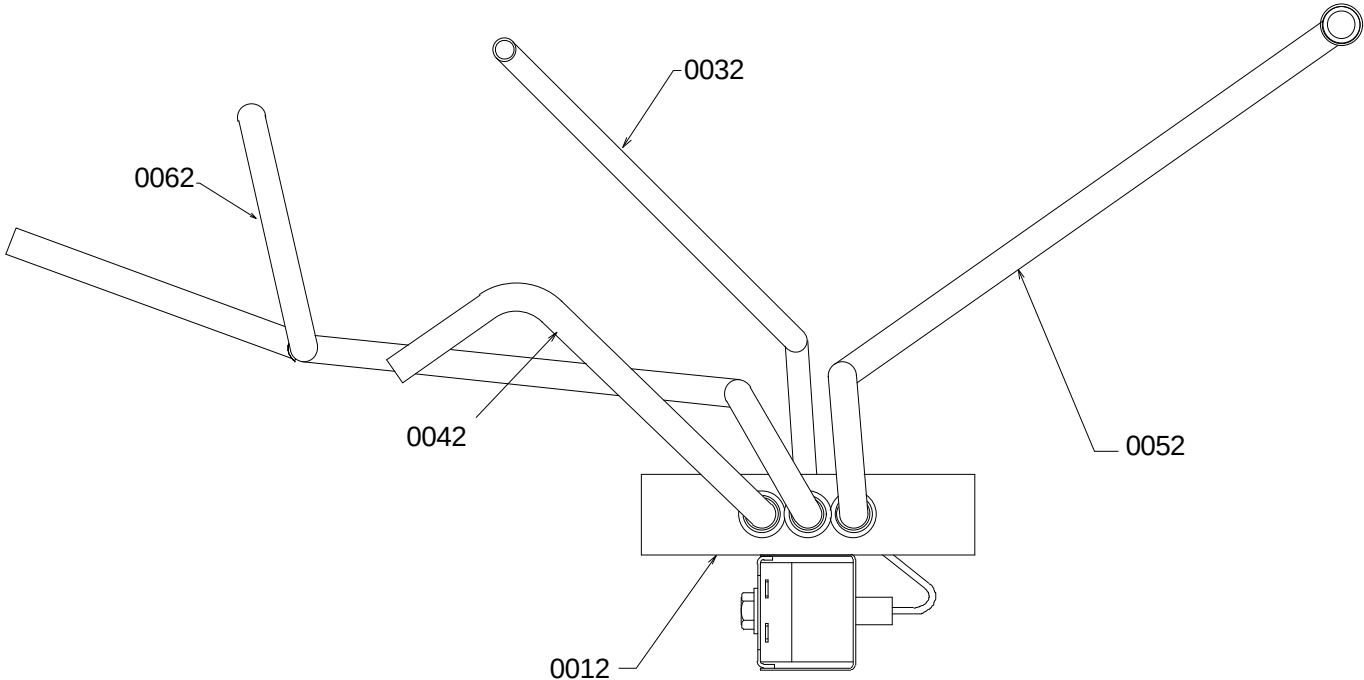


Image 1

Image 2



Sweat Valve/Capillary Tubing

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

0011	B1257808	STRAINER
0021	C6469901	VALVE-CHECK
0061	11177502	ELBOW
0071	M0322801	TIE-ELEC

Image 2

0012	20097701	REV VALVE ASSY
0032	11116902	TUBE-DISCH (M2, M4)
0032	11177902	TUBE-DISCH (M3, M5)
0032	11192202	TUBE-DISCH (M1)
0042	11117101	TUBE-CONDENSER (M2, M3, M4, M5)
0042	11180001	TUBE-CONDENSER (M1)
0052	11117001	TUBE-EVAPORATOR
0062	11192702	SUCTION TUBE WELD (M2, M3, M4, M5)
0062	20042301	SUCTION TUBE WELD (M1)

Expanded Model and Color Nomenclature

M1 - PTH093A35MA	P1202289R
M2 - PTH123A35MA	P1202290R
M3 - PTH153A35MA	P1202291R
M4 - PTH123A50MA	P1223549R
M5 - PTH153A50MA	P1223559R