

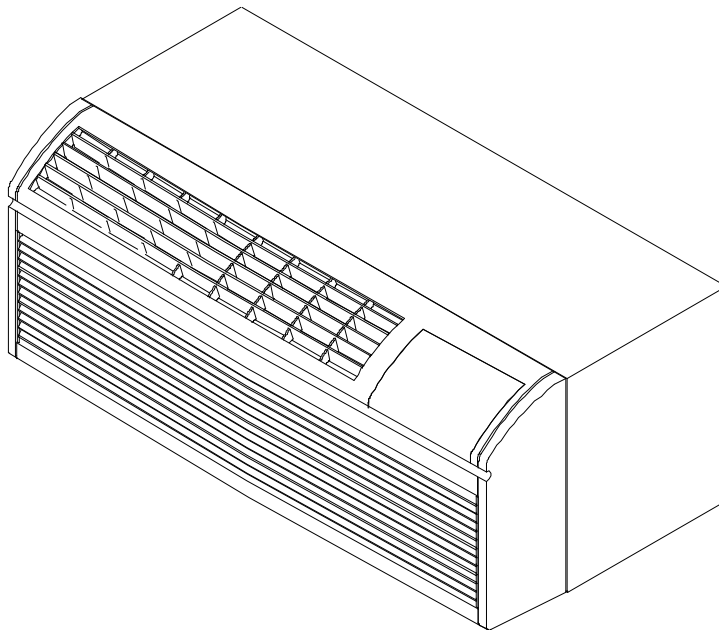
Models and manufacturing
numbers in this manual

PTH093A35DA	P1202602R
PTH094A35DA	P1202606R
PTH123A35DA	P1202603R
PTH153A50DA	P1202610R

Parts

Package Terminal Air Conditioner (Heat Pump Models)

Parts Manual for
Amana®



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
Raytheon Appliances

RP4220007
Revision 0
May 1997

Important Information

Raytheon Appliances 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, Raytheon Appliances 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, Raytheon Appliances
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, Raytheon Appliances
2800 220th Trail
PO Box 8901
Amana IA 52204-0001
USA
319-622-5511--Telephone
319-622-8595--Facsimile

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Functional Parts List 5

Illustration and Parts 6 - 17

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:

D6879823	CAPACITOR (M2, M4)
D6879833	CAPACITOR (M1)
D6879844	CAPACITOR-ROUND (M3)
D6985807	COMP-PN 2P17S3R236A (M2, M4)
D6887711	COMP-PN 2R13S3R236A (M1)
D6887712	COMP-PN 2R13S3R276A (M3)
11114501	CORD-250V 20A (M1, M2)
11114601	CORD-250V 30A (M4)
11114701	CORD-277V-20A (M3)
11046702	DISC-THERMOSTAT (M1, M3)
11046702	DISC-THERMOSTAT (M2, M4)
11046705	DISC-THERMOSTAT
A3410403	FUSE-20A (M3)
M0804204S	FUSE-GLASS
10685008	HARNESS-COIL
11116203	HTR 3 3.5KW ASSY (M1, M2)
11177801	HTR 3 5.0 KW ASSY (M4)
11116208	HTR 4 3.7 KW ASSY (M3)
11114904	MOTOR-FAN (M3)
11114902	MOTOR-FAN (M2, M4)
11114901	MOTOR-FAN (M1)
D6961642	OVERLOAD (M3)
D6961639	OVERLOAD (M1)
D6961612	OVERLOAD (M2, M4)
11043301	PC BOARD
11125301	PUMP-CONDENSATE
C8873917	RELAY (M1, M2, M3)
C8873917	RELAY (M4) (QTY 2)
B1378501	XFMR (M1, M2, M4)
11172101	XFMR (M3)

SPECIAL PARTS

11045201	FILTER
RP4220007	MANUAL PARTS
11113301	MANUAL-OWNERS

Expanded Model and Color Nomenclature

M1 - PTH093A35DA	P1202602R
M2 - PTH123A35DA	P1202603R
M3 - PTH094A35DA	P1202606R
M4 - PTH123A50DA	P1202610R

Front/Chassis

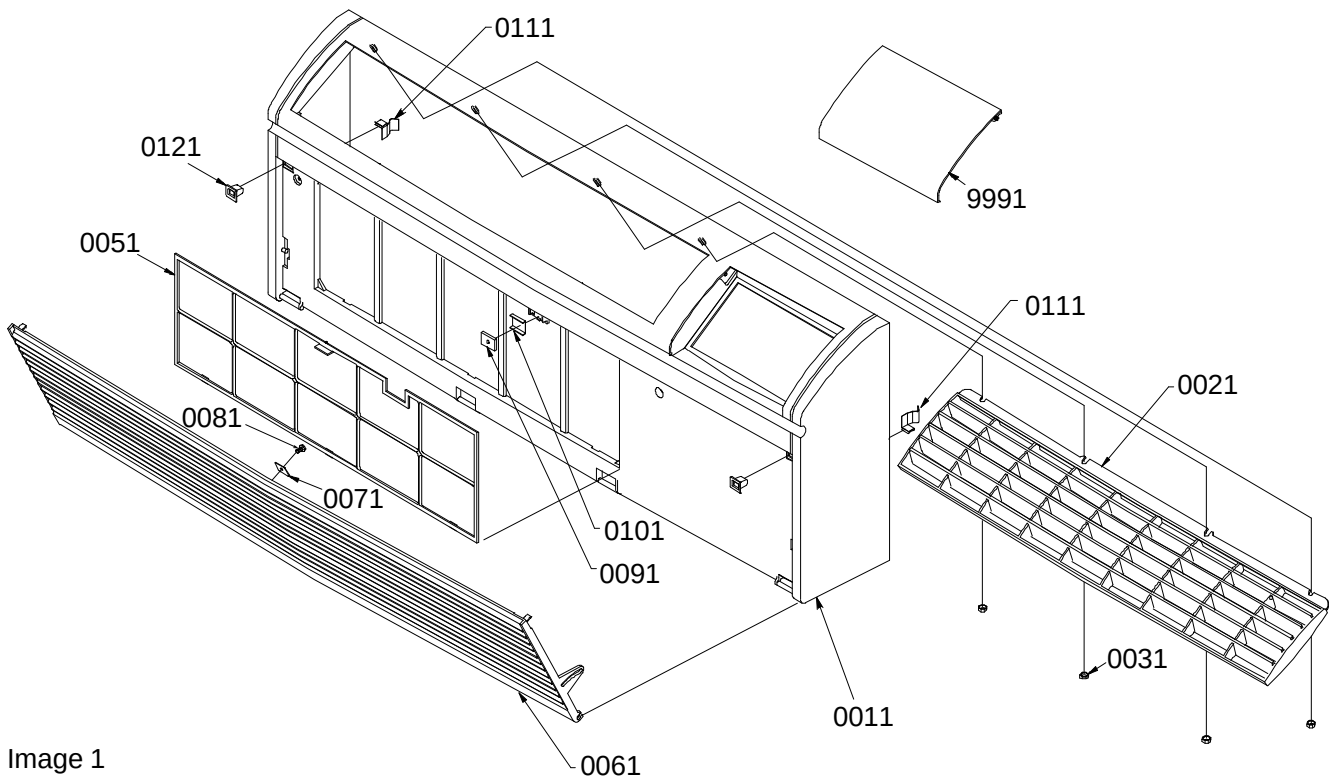
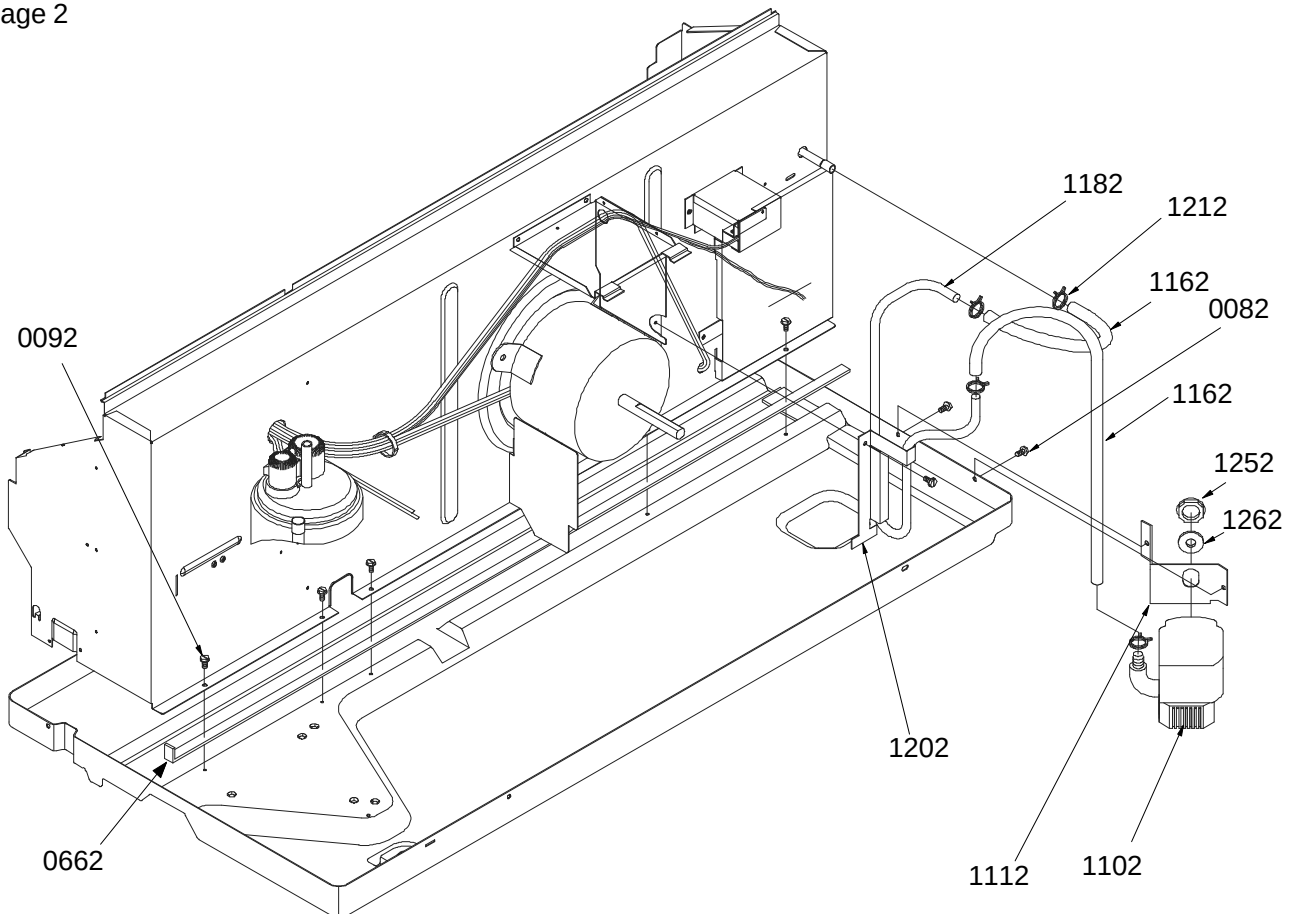


Image 1

Image 2



Front/Chassis

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

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	11145501	DOOR CATCH ASSY (QTY 2)
9991	11143301	DOOR ASSY-AMANA

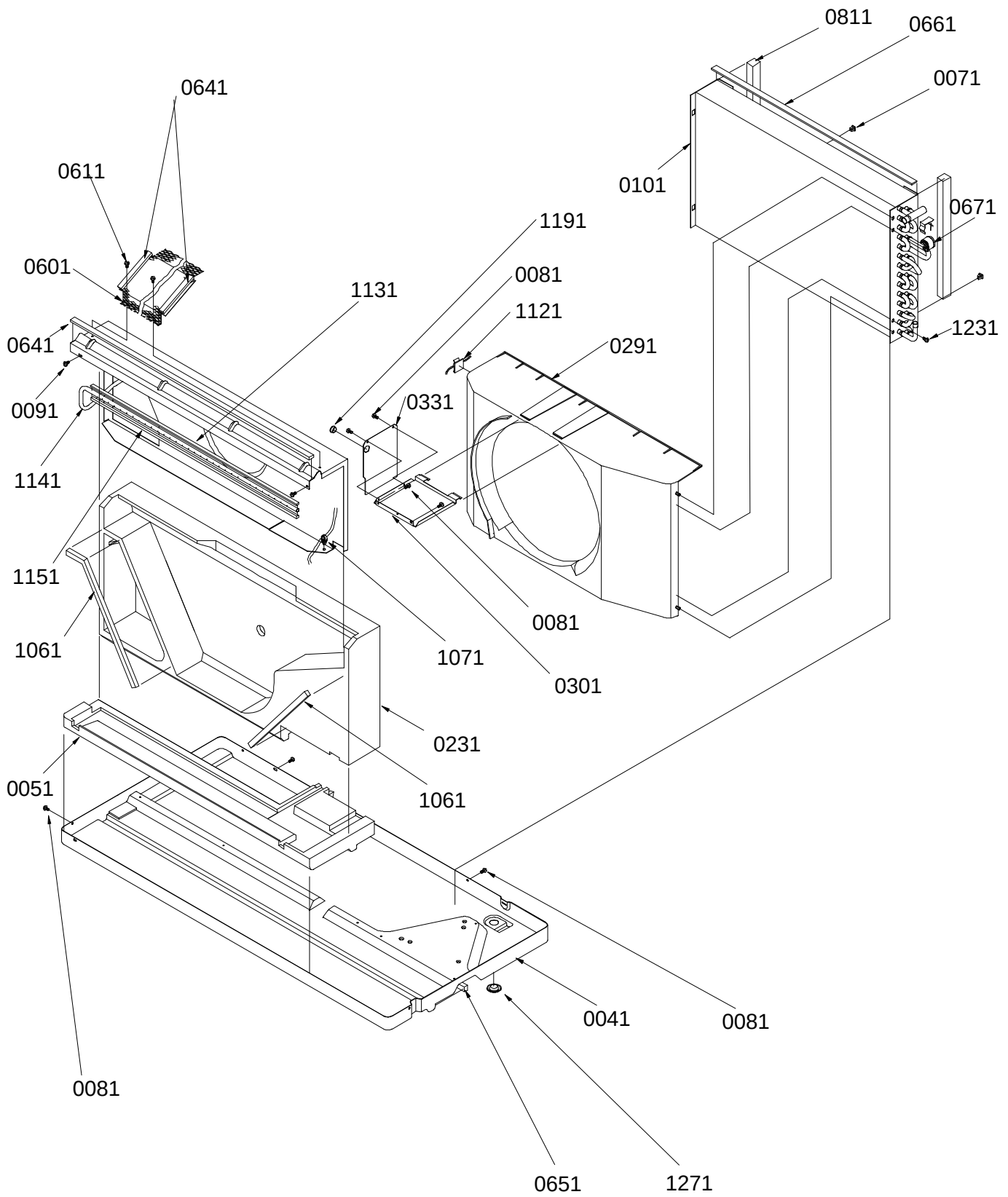
Image 2

0082	M0211216	SCREW-SM (QTY AR)
0092	M0216716	SCREW-SM (QTY AR)
0662	10839803	GASKET-CROSS LINK (QTY AR)
1102	11125301	PUMP-CONDENSATE
1112	20185701	BRKT-COND PUMP
1162	A3435001	TUBE-VINYL (QTY AR)
1182	11165901	TUBE-RESTRICTOR
1202	11135901	BRKT-RESTRICTOR
1212	M0119204	CLAMP-HOSE (QTY 4)
1252	10100401	NUT-COND PUMP
1262	M0270542	WASHER-FLAT

Expanded Model and Color Nomenclature

M1 - PTH093A35DA	P1202602R
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M3 - PTH094A35DA	P1202606R
M4 - PTH123A50DA	P1202610R

Chassis



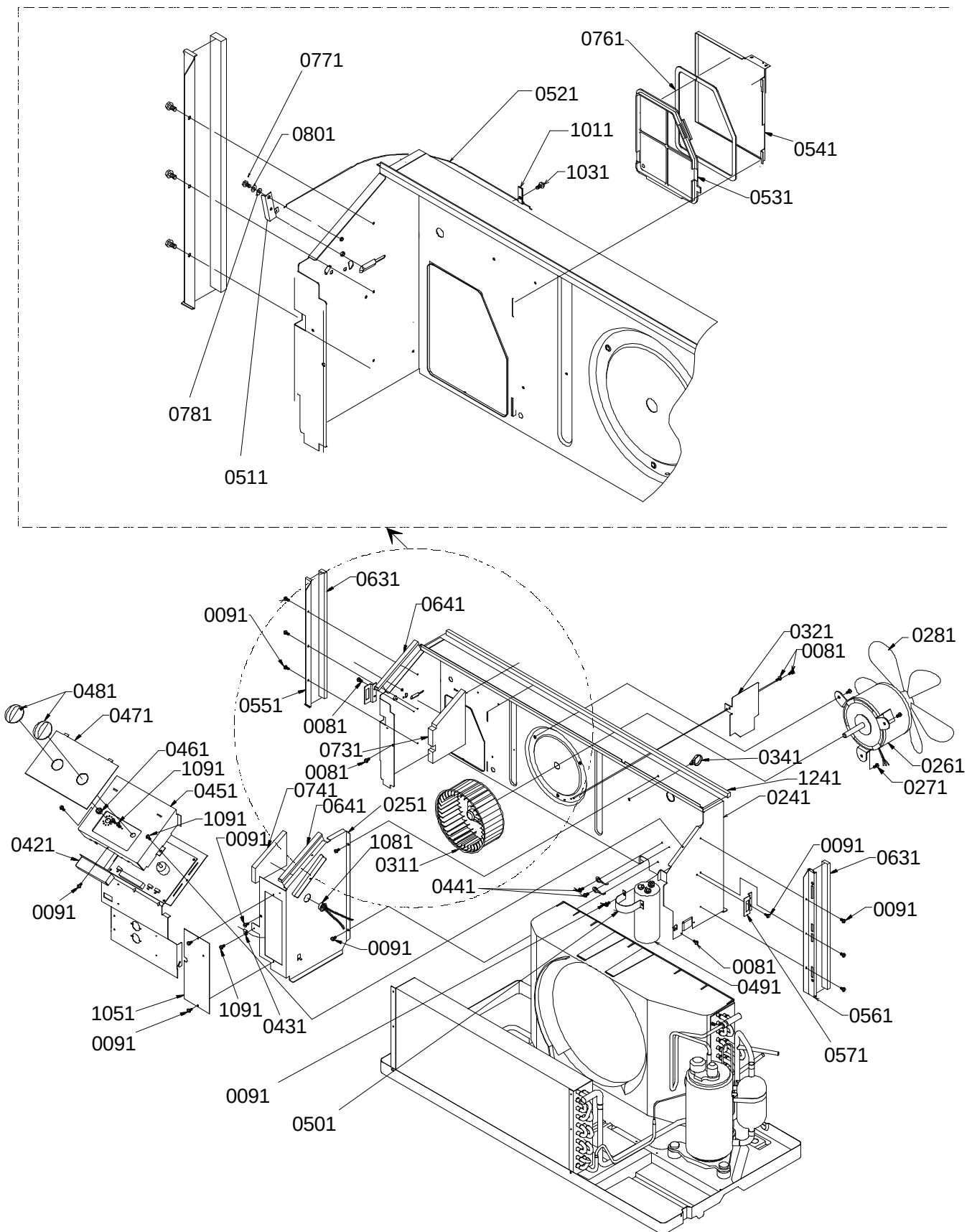
Chassis

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 2)			
0081	M0211216	SCREW-SM (QTY AR)			
0091	M0216716	SCREW-SM (QTY AR)			
0101	20007502	COND ASSY (M2, M4)			
0101	20007503	COND ASSY (M1, M3)			
0231	11045801	SCROLL-BLOWER			
0291	11167301	SHROUD-CONDENSER			
0301	11044201	BRACE-TIE			
0331	11046501	BAFFLE-TOP			
0601	11123904	DISCH-SCREEN-PNT			
0611	M0213217	SCREW-SM (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)			
1061	10839716	GASKET-URETHANE (QTY AR)			
1071	M0120801	CLIP-GUIDE			
1121	M0104102	CLIP-CORD			
1131	10839802	GASKET-CROSS LINK (QTY AR)			
1141	20011202	TUBE-CONDENSATE			
1151	10839813	GASKET-FOAM (QTY AR)			
1191	A4554812	SNAP BUSHING			
1231	M0233716	SCREW-SD (QTY AR)			
1271	A3080003	PLUG-BUTTON			

Expanded Model and Color Nomenclature

M1 - PTH093A35DA	P1202602R
M2 - PTH123A35DA	P1202603R
M3 - PTH094A35DA	P1202606R
M4 - PTH123A50DA	P1202610R

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	11045502	PARTITION PANEL			
0251	11167503	PANEL-MID PART			
0261	11114901	MOTOR-FAN (M1)			
0261	11114902	MOTOR-FAN (M2, M4)			
0261	11114904	MOTOR-FAN (M3)			
0271	M0224956	SCREW-TAP R (QTY 3)			
0281	20046501	FAN-CONDENSER			
0311	11044101	WHEEL-BLOWER			
0321	11045401	BAFFLE-COND INLET			
0341	M0118702	CLIP-GUIDE			
0421	11045601	COVER-TERM BLOCK			
0431	11196701	CLIP-T'STAT SENSOR			
0441	M0227803	SCREW-TC (QTY 2)			
0451	11044401	COVER-CONTROL PANEL			
0461	M0117902	CLIP-TUBULAR			
0471	20005701	PLATE-ESC			
0481	11042902	KNOB-CONTROL (QTY 2)			
0491	D6879823	CAPACITOR (M2, M4)			
0491	D6879833	CAPACITOR (M1)			
0491	D6879844	CAPACITOR-ROUND (M3)			
0501	C6300502	STRAP-CAPACITOR			
0511	11046302	LEVER ARM			
0521	11115401	CABLE			
0531	11046201	FILTER-VENT			
0541	11046102	DOOR-VENT			
0551	11044902	SEAL-L SIDE			
0561	11044901	SEAL-R SIDE			
0571	11191701	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	10839721	GASKET-URETHANE (QTY AR)			
0771	M0220757	SCREW-SHLDR			
0781	M0273701	WASHER-SPRING			
0801	M0270529	WASHER-FLAT			
1011	M0108103	CLAMP-TUBE			
1031	M0211016	SCREW-SM			
1051	11167601	COVER-ACCESS			
1081	A4554801	BUSHING-SNAP			
1091	M0216529	SCREW-SM (QTY AR)			
1241	10839814	GASKET-FOAM (QTY AR)			

Expanded Model and Color Nomenclature

M1 - PTH093A35DA	P1202602R
M2 - PTH123A35DA	P1202603R
M3 - PTH094A35DA	P1202606R
M4 - PTH123A50DA	P1202610R

Compressor/Tubing

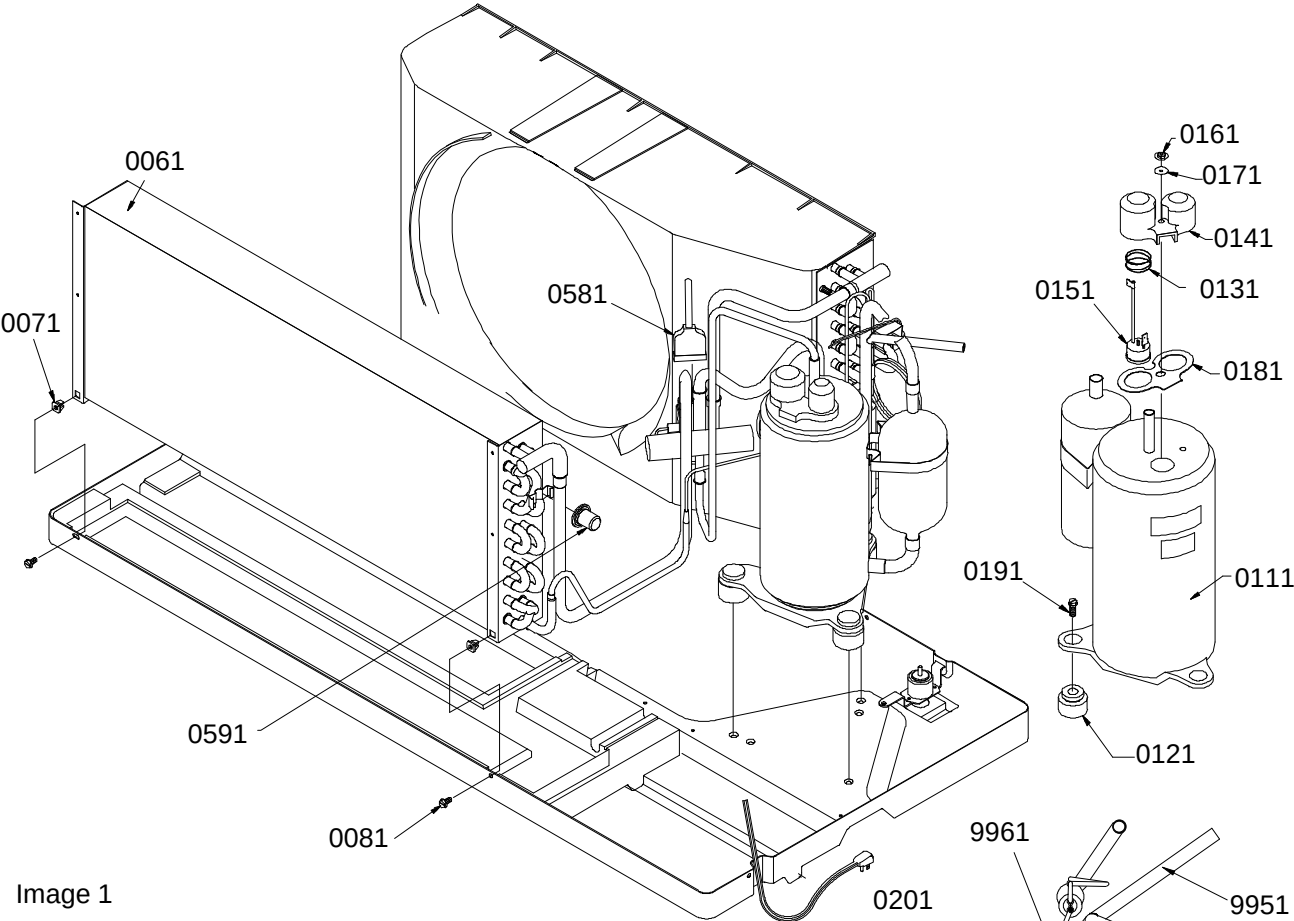


Image 1

Image 2

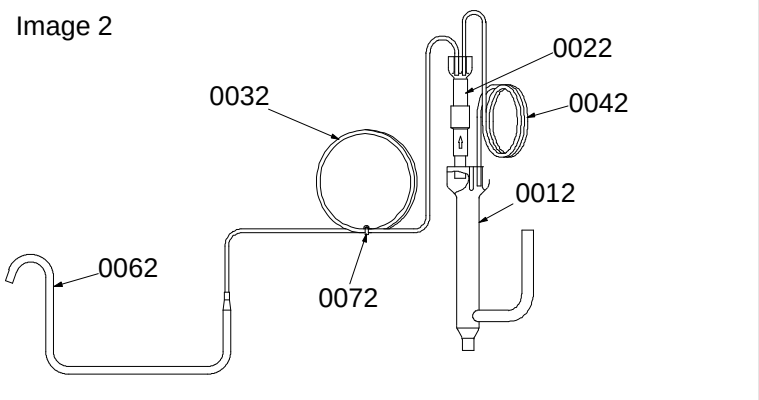


Image 3

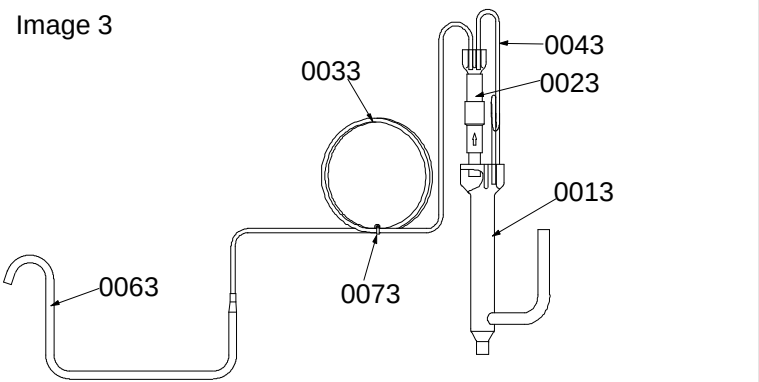
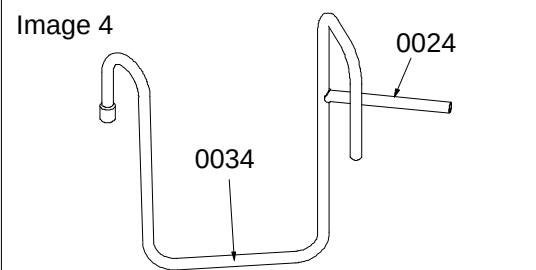


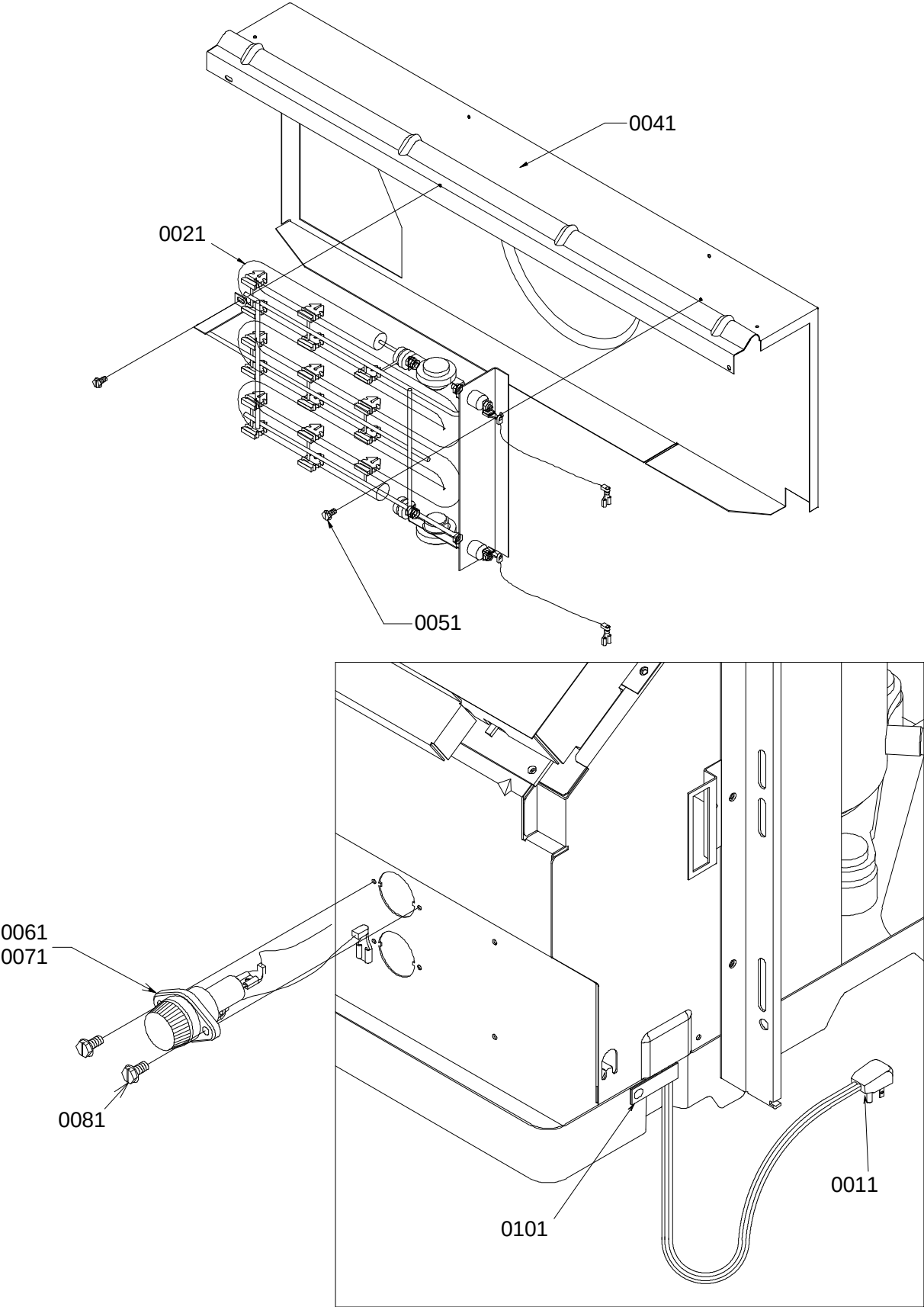
Image 4



Compressor/Tubing

Ref. No:	Part No:	Description:	Ref. No:	Part No:	Description:								
<i>Image 1</i>			Expanded Model and Color Nomenclature										
0000	M0211345	SCREW-SM (QTY AR)	<table><tr><td>M1 - PTH093A35DA</td><td>P1202602R</td></tr><tr><td>M2 - PTH123A35DA</td><td>P1202603R</td></tr><tr><td>M3 - PTH094A35DA</td><td>P1202606R</td></tr><tr><td>M4 - PTH123A50DA</td><td>P1202610R</td></tr></table>			M1 - PTH093A35DA	P1202602R	M2 - PTH123A35DA	P1202603R	M3 - PTH094A35DA	P1202606R	M4 - PTH123A50DA	P1202610R
M1 - PTH093A35DA	P1202602R												
M2 - PTH123A35DA	P1202603R												
M3 - PTH094A35DA	P1202606R												
M4 - PTH123A50DA	P1202610R												
0061	11165603	EVAP ASSY (M2, M4)											
0061	11165703	EVAP ASSY (M1, M3)											
0071	A3315701	GROMMET (QTY 4)											
0081	M0211216	SCREW-SM (M1, M3, M4)											
0111	D6985807	COMP-PN 2P17S3R236A (M2, M4)											
0111	D6887711	COMP-PN 2R13S3R236A (M1)											
0111	D6887712	COMP-PN 2R13S3R276A (M3)											
0121	A3448601	GROMMET (M2, M4) (QTY 3)											
0121	A4622801	GROMMET (M1, M3) (QTY 3)											
0131	A3436901	SPRING-OVERLOAD											
0141	10329001	COVER-TERM											
0151	D6961612	OVERLOAD (M2, M4)											
0151	D6961639	OVERLOAD (M1)											
0151	D6961642	OVERLOAD (M3)											
0161	A3436601	NUT-TERM COVER											
0171	A3436801	GASKET-NUT											
0181	A3436701	GASKET-TERM COVER											
0191	M0253610	SCREW-SHLDR (M2, M4) (QTY 3)											
0191	M0253661	SCREW-SHLDR (M1, M3) (QTY 3)											
0201	11116805	REV VALVE WELD (M2, M4)											
0201	11180203	REV VALVE WELD (M1)											
0201	11180204	REV VALVE WELD (M3)											
0211	11194601	CAPILLARY WELD (M1, M3)											
0211	11195301	CAPILLARY WELD (M2, M4)											
0581	10685008	HARNESS-COIL											
0591	11046702	DISC-THERMOSTAT (M1, M3)											
0591	11046702	DISC-THERMOSTAT (M2, M4)											
9951	11192501	SUCTION TUBE WELD (M2, M4)											
9951	20042301	SUCTION TUBE WELD (M1, M3)											
9961	11117101	TUBE-CONDENSER (M2, M4)											
9961	11180001	TUBE-CONDENSER (M1, M3)											
9971	11192201	TUBE-DISCH (M1, M3)											
9971	11116901	TUBE-DISCHARGE (M2, M4)											
9981	11117001	TUBE-EVAPORATOR											
9991	10702002	REV VALVE ASSY (M1, M2, M4)											
9991	10702003	REV VALVE ASSY (M3)											
<i>Image 2</i>													
0012	B1257808	STRAINER											
0022	C6469901	VALVE-CHECK											
0032	11194901	TUBE-CAPILLARY (M2, M4)											
0042	11195001	TUBE-CAPILLARY (M2, M4)											
0062	11177501	ELBOW											
0072	M0322801	TIE-ELEC											
<i>Image 3</i>													
0013	B1257808	STRAINER											
0023	C6469901	VALVE-CHECK											
0033	11122802	TUBE-CAPILLARY (M1, M3)											
0043	11194701	TUBE-CAPILLARY (M1, M3)											
0063	11177501	ELBOW											
0073	M0322801	TIE-ELEC											
<i>Image 4</i>													
0024	A4528920	TUBE-PROCESS (M1, M3)											
0024	A4528927	TUBE-PROCESS (M2, M4)											
0034	11192601	TUBE-SUCTION (M2, M4)											
0034	20042201	TUBE-SUCTION (M1, M3)											

Heater



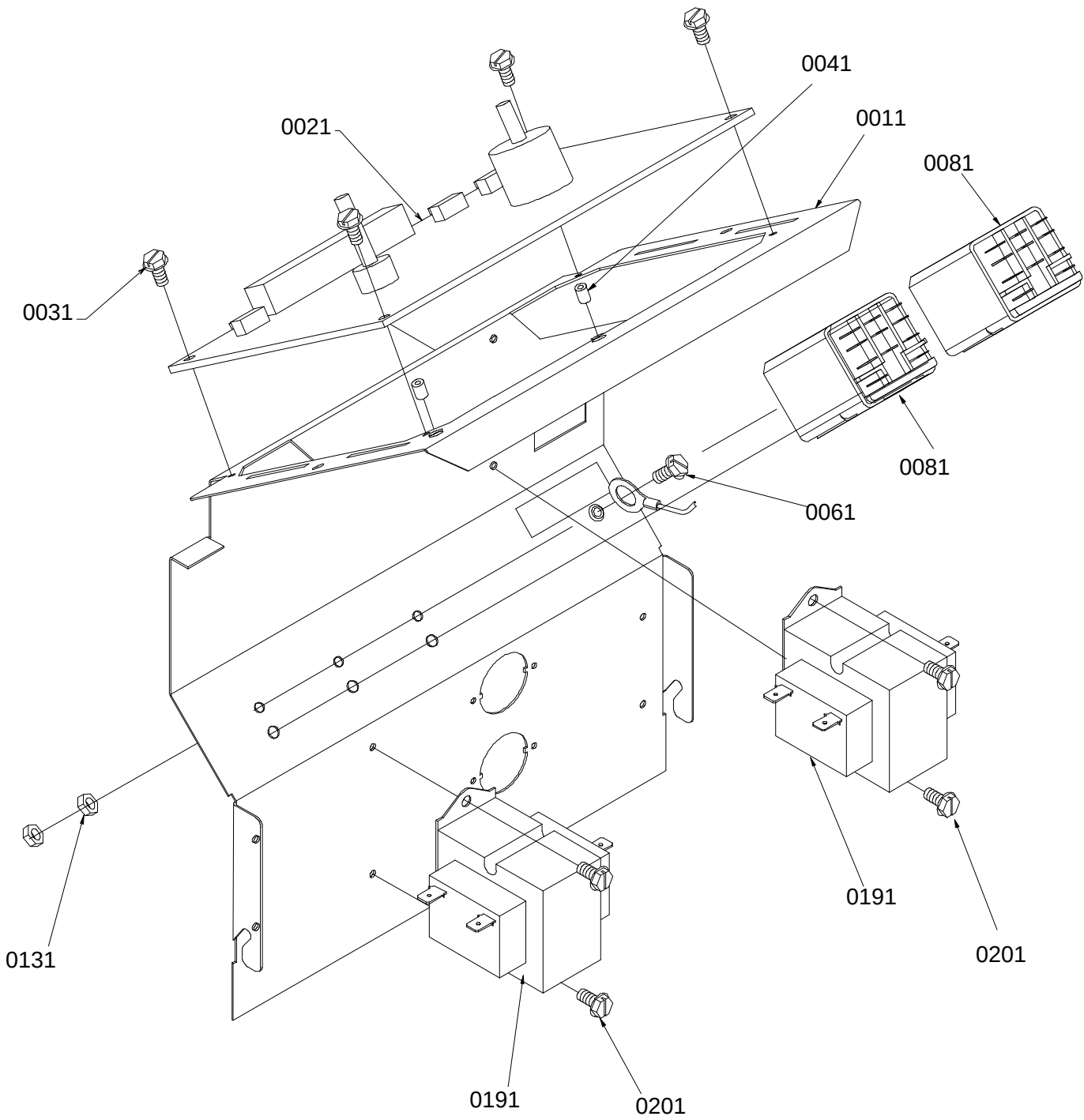
Heater

Ref. No:	Part No:	Description:	Ref. No:	Part No:	Description:
<i>Image 1</i>					
0011	11114501	CORD-250V 20A (M1, M2)			
0011	11114601	CORD-250V 30A (M4)			
0011	11114701	CORD-277V-20A (M3)			
0021	11116203	HTR 3 3.5KW ASSY (M1, M2)			
0021	11177801	HTR 3 5.0 KW ASSY (M4)			
0021	11116208	HTR 4 3.7 KW ASSY (M3)			
0041	11044304	BLOWER INTAKE-PNT (M1, M2, M3)			
0041	11044304	BLOWER INTAKE-PNT (M4)			
0051	M0216716	SCREW-SM (QTY AR)			
0061	C6476002	HOLDER-BAYONET FUSE (M3)			
0071	A3410403	FUSE-20A (M3)			
0081	M0213817	SCREW-SM (M3)			
0101	M0103906	CLAMP-SPEED			

Expanded Model and Color Nomenclature

M1 - PTH093A35DA	P1202602R
M2 - PTH123A35DA	P1202603R
M3 - PTH094A35DA	P1202606R
M4 - PTH123A50DA	P1202610R

Control Panel



Control Panel

Ref. No:	Part No:	Description:	Ref. No:	Part No:	Description:
<i>Image 1</i>					
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) (QTY 2)			
0081	C8873917	RELAY (M1, M2, M3)			
0131	M0282005	NUT-KEPS (QTY AR)			
0191	11172101	XFMR (M3)			
0191	B1378501	XFMR (M1, M2, M4)			
0201	M0216716	SCREW-SM (QTY AR)			

Expanded Model and Color Nomenclature

M1 - PTH093A35DA	P1202602R
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M4 - PTH123A50DA	P1202610R