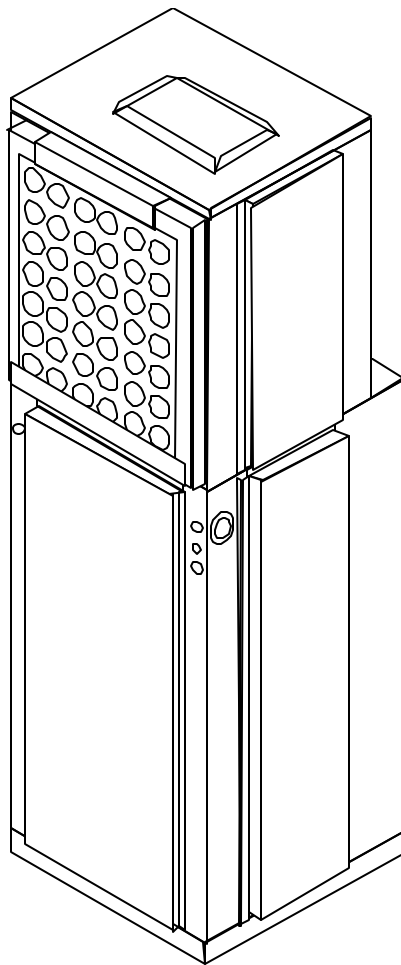


Models and manufacturing
numbers in this manual

VTH123A02AA	P1233504R
VTH123A03AA	P1233505R
VTH123A04AA	P1233506R
VTH123A05AA	P1233507R
VTH183A00AA	P1233508R
VTH183A03AA	P1233509R
VTH183A04AA	P1233510R
VTH183A05AA	P1233511R
VTH183A06AA	P1233512R
VTH183A08AA	P1233513R
VTH183A75AA	P1233514R

Parts

Vertical Package Terminal Air Conditioner Heat Pump Units



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 performed by an unqualified person.



RP4272001
Revision 0
July 2001

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.

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

Consumer Affairs Department
Amana Heating and Air Conditioning
1810 Wilson Parkway
Fayetteville, TN 37334
877-254-4729-Telephone
931-438-2922-Facsimile

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

International Division
Amana Heating and Air Conditioning
1810 Wilson Parkway
Fayetteville, TN 37334
931-438-3632-Telephone
931-438-2922-Facsimile

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Functional Parts List	5
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Views shown are for parts illustrations only, not servicing procedures.

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:

RF000095	2 KW HEATER ELEMENT (M1)
RF000096	3 KW HEATER ELEMENT (M2)
RF000121	3 KW HEATER ELEMENT (M6)
RF000122	4 KW HEATER ELEMENT (M10) (QTY 2)
RF000097	4 KW HEATER ELEMENT (M3, M7)
RF000123	5 KW HEATER ELEMENT (M11) (QTY 2)
RF000098	5 KW HEATER ELEMENT (M4)
RF000123	5 KW HEATER ELEMENT (M8)
RF000119	6 KW HEATER ELEMENT (M9)
RF000051	CAPACITOR 15/5 MF 370V (M1, M2, M3, M4)
RF000063	CAPACITOR 35/5 MF 370V (M5, M6, M7, M8, M9, M10, M11)
RF000049	CAPACITOR 5 MF 370V (M1, M2, M3, M4)
RF000083	COMPRESSOR (M1, M2, M3, M4)
RF000106	COMPRESSOR (M5, M6, M7, M8, M9, M10, M11)
RF000081	CONDENSER FAN MOTOR (M1, M2, M3, M4)
RF000108	CONDENSER FAN MOTOR (M5, M6, M7, M8, M9, M10, M11)
RF000043	CONTROL BOARD
RF000124	EVAPORATOR MOTOR (M5, M6, M7, M8, M9, M10, M11)
RF000100	EVAPORATOR MOTOR (M1, M2, M3, M4)
RF000044	FUSE

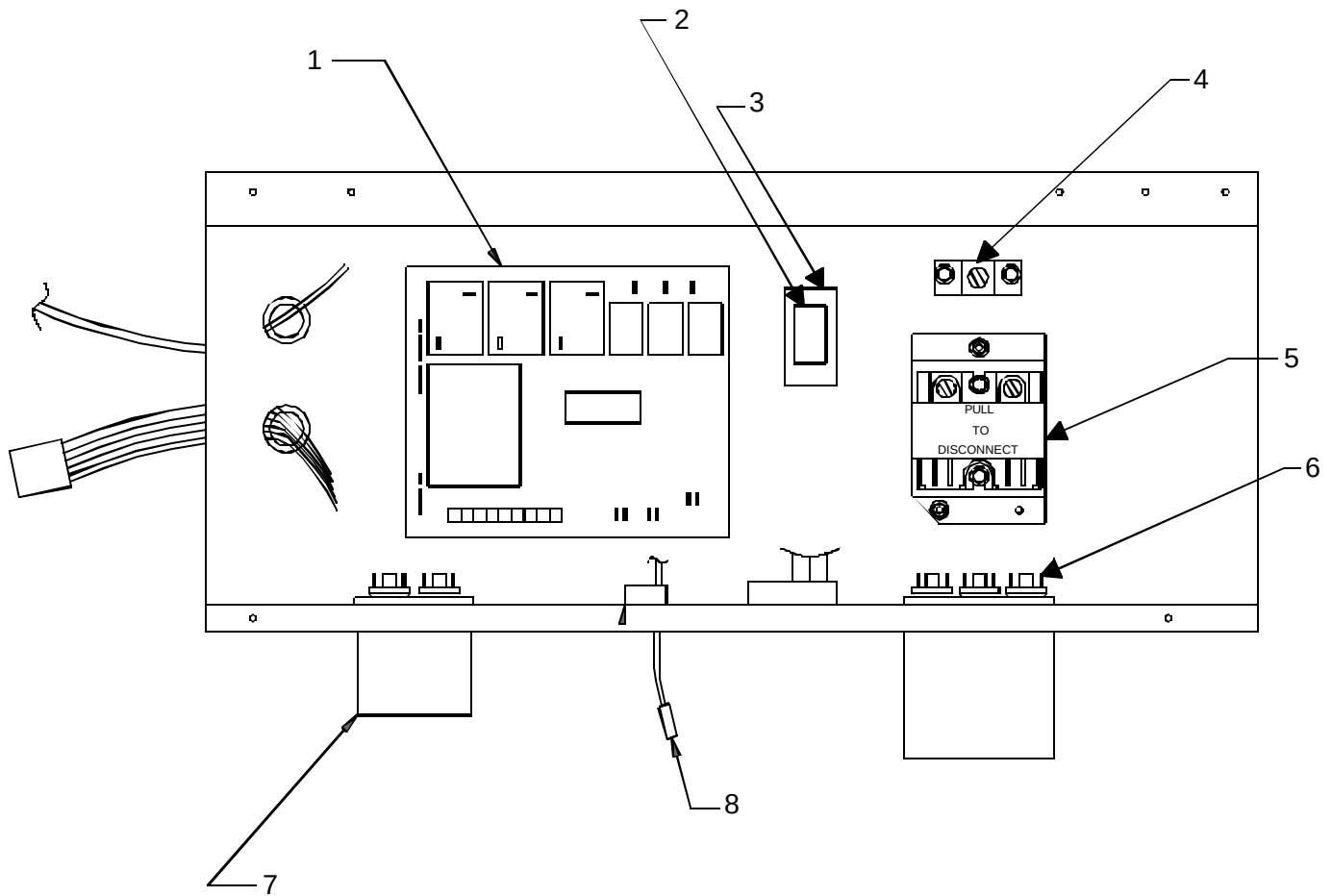
SPECIAL PARTS

20292301	INSTALL INSTRUCTIONS
RP4272001	PARTS MANUAL
RS4900003	SERVICE MANUAL

Expanded Model and Color Nomenclature

M1 - VTH123A02AA	P1233504R
M2 - VTH123A03AA	P1233505R
M3 - VTH123A04AA	P1233506R
M4 - VTH123A05AA	P1233507R
M5 - VTH183A00AA	P1233508R
M6 - VTH183A03AA	P1233509R
M7 - VTH183A04AA	P1233510R
M8 - VTH183A05AA	P1233511R
M9 - VTH183A06AA	P1233512R
M10 - VTH183A08AA	P1233513R
M11 - VTH183A75AA	P1233514R

12 SPU Control



12 SPU Control

Ref. Part

No: No: Description:

Ref. Part

No: No: Description:

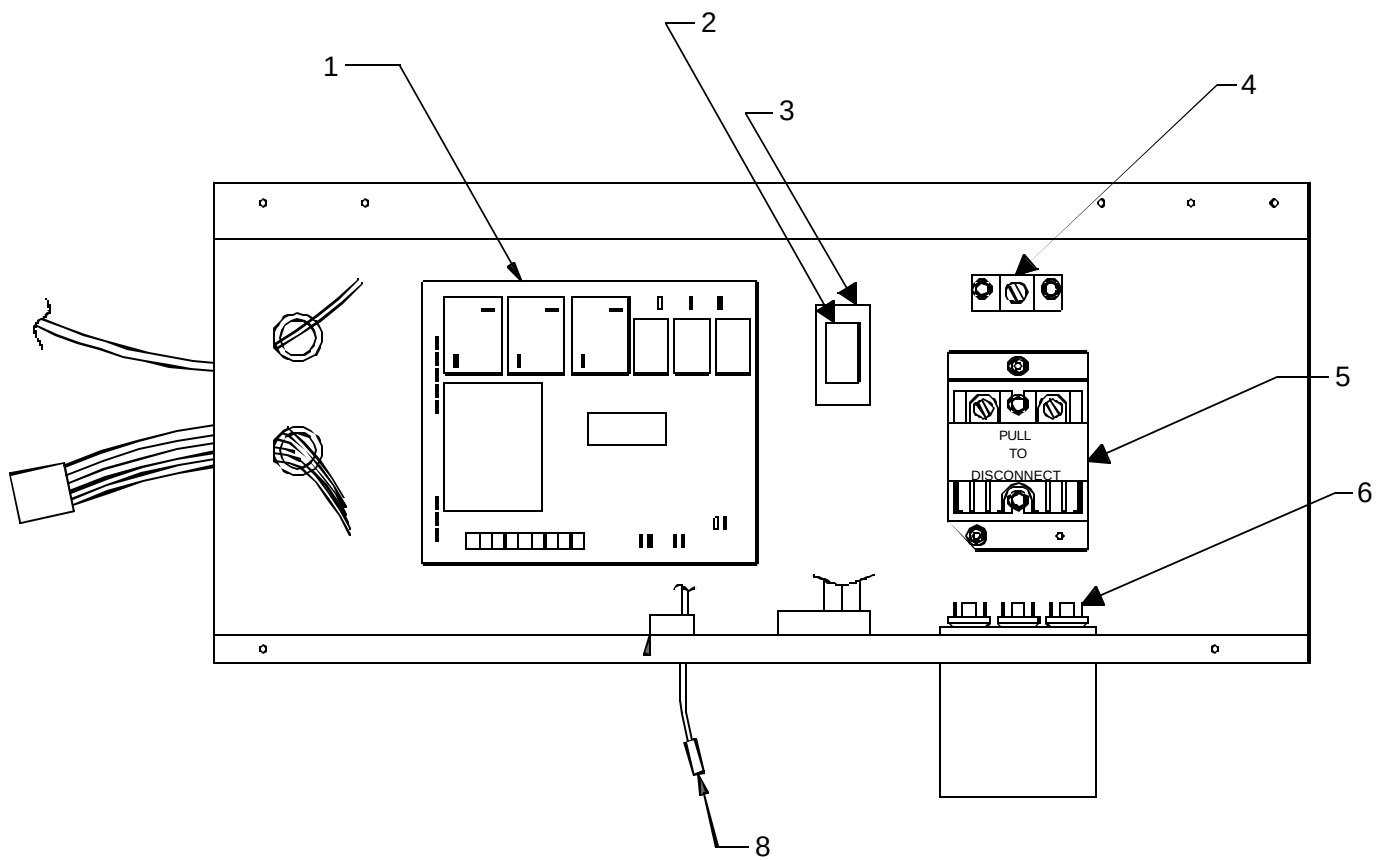
Image 1:

11	RF000043	CONTROL BOARD
21	RF000044	FUSE
31	RF000045	FUSE BLOCK
41	RF000046	GROUNDING LUG
51	RF000047	DISCONNECT SWITCH
61	RF000051	CAPACITOR 15/5 MF 370V (M1, M2, M3, M4)
71	RF000049	CAPACITOR 5 MF 370V (M1, M2, M3, M4)
81	RF000050	LOW AMBIENT SWITCH

Expanded Model and Color Nomenclature

M1 - VTH123A02AA	P1233504R
M2 - VTH123A03AA	P1233505R
M3 - VTH123A04AA	P1233506R
M4 - VTH123A05AA	P1233507R
M5 - VTH183A00AA	P1233508R
M6 - VTH183A03AA	P1233509R
M7 - VTH183A04AA	P1233510R
M8 - VTH183A05AA	P1233511R
M9 - VTH183A06AA	P1233512R
M10 - VTH183A08AA	P1233513R
M11 - VTH183A75AA	P1233514R

18 SPU Control



18 SPU Control

Ref. Part

No: No: Description:

Ref. Part

No: No: Description:

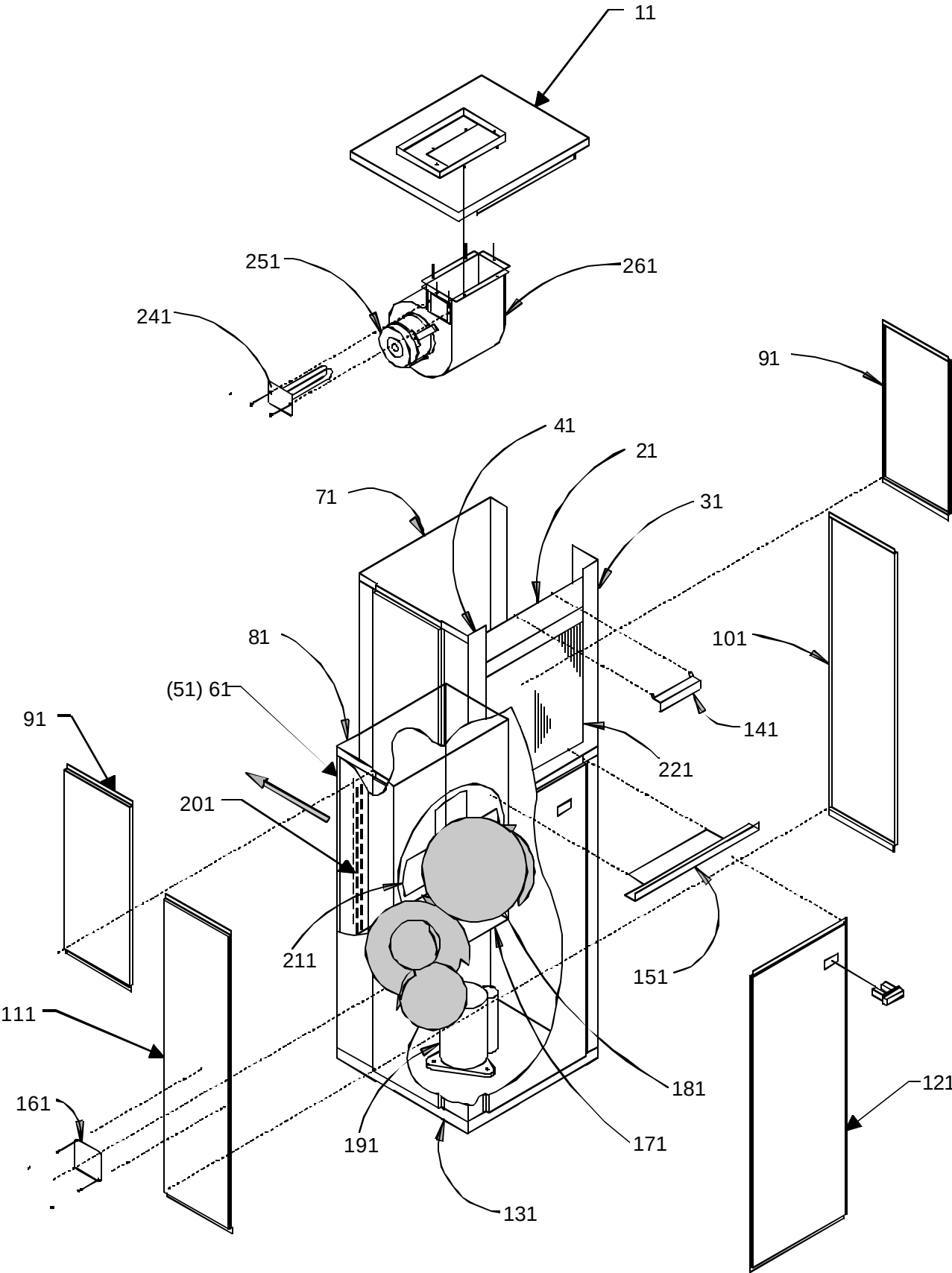
Image 1:

11	RF000043	CONTROL BOARD
21	RF000044	FUSE
31	RF000045	FUSE BLOCK
41	RF000046	GROUNDING LUG
51	RF000047	DISCONNECT SWITCH
61	RF000063	CAPACITOR 35/5 MF 370V (M5, M6, M7, M8, M9, M10, M11)
81	RF000050	LOW AMBIENT SWITCH

Expanded Model and Color Nomenclature

M1 - VTH123A02AA	P1233504R
M2 - VTH123A03AA	P1233505R
M3 - VTH123A04AA	P1233506R
M4 - VTH123A05AA	P1233507R
M5 - VTH183A00AA	P1233508R
M6 - VTH183A03AA	P1233509R
M7 - VTH183A04AA	P1233510R
M8 - VTH183A05AA	P1233511R
M9 - VTH183A06AA	P1233512R
M10 - VTH183A08AA	P1233513R
M11 - VTH183A75AA	P1233514R

12 SPU Exploded View



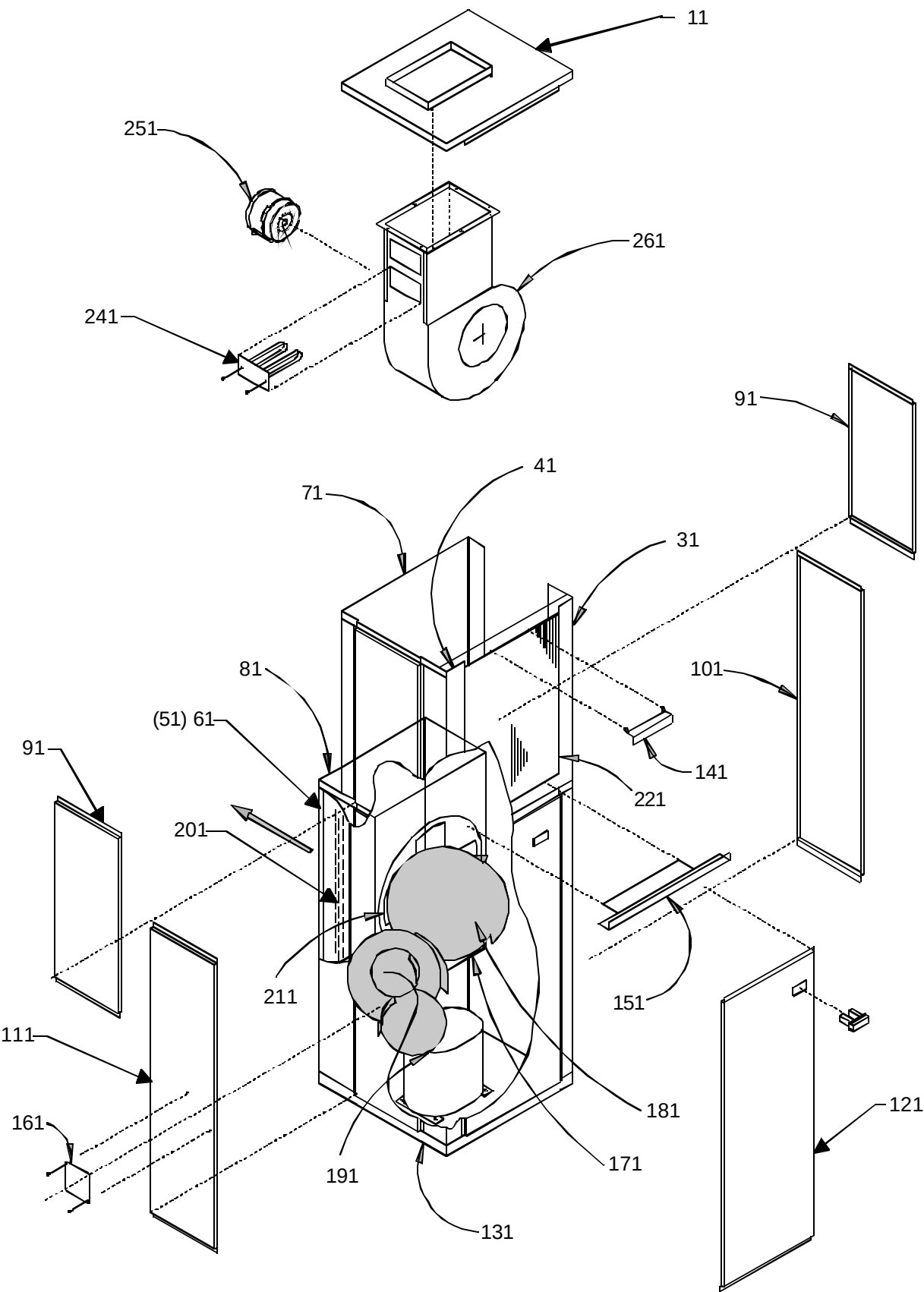
12 SPU Exploded View

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>			
11	RF000064	TOP PANEL (M1, M2, M3, M4)	
21	RF000065	EVAP BAFFLE (M1, M2, M3, M4)	
31	RF000066	FRONT R. CORNER POST	
41	RF000067	FRONT L. CORNER POST	
51	RF000068	REAR R. CORNER POST	
61	RF000069	REAR L. CORNER POST	
71	RF000070	REAR VERTICAL PANEL	
81	RF000071	MIDDLE PANEL	
91	RF000072	UPPER ACCESS PANEL L&R	
101	RF000073	LOWER R. ACCESS PANEL	
111	RF000074	LOWER L. ACCESS PANEL	
121	RF000075	FRONT ACCESS PANEL	
131	RF000076	BASEPAN ASM	
141	RF000077	UPPER FILTER CLIP	
151	RF000078	BOTTOM FILTER HOLDER	
151	RF000078	BOTTOM FILTER HOLDER	
161	RF000079	VENT COVER PLATE	
171	RF000080	CONDENSER FAN SHROUD	
181	RF000081	CONDENSER FAN MOTOR (M1, M2, M3, M4)	
191	RF000083	COMPRESSOR (M1, M2, M3, M4)	
201	RF000086	CONDENSER COIL (M1, M2, M3, M4)	
211	RF000087	CONDENSER FAN	
221	RF000118	EVAPORATOR (M1, M2, M3, M4)	
241	RF000095	2 KW HEATER ELEMENT (M1)	
241	RF000096	3 KW HEATER ELEMENT (M2)	
241	RF000097	4 KW HEATER ELEMENT (M3, M7)	
241	RF000098	5 KW HEATER ELEMENT (M4)	
251	RF000100	EVAPORATOR MOTOR (M1, M2, M3, M4)	
261	RF000101	EVAP. BLOWER HOUSING (M1, M2, M3, M4)	

Expanded Model and Color Nomenclature

M1 - VTH123A02AA	P1233504R
M2 - VTH123A03AA	P1233505R
M3 - VTH123A04AA	P1233506R
M4 - VTH123A05AA	P1233507R
M5 - VTH183A00AA	P1233508R
M6 - VTH183A03AA	P1233509R
M7 - VTH183A04AA	P1233510R
M8 - VTH183A05AA	P1233511R
M9 - VTH183A06AA	P1233512R
M10 - VTH183A08AA	P1233513R
M11 - VTH183A75AA	P1233514R

18 SPU Exploded View



18 SPU Exploded View

Ref. Part

No: No: Description:

Ref. Part

No: No: Description:

Image 1:

11	RF000102	TOP PANEL (M5, M6, M7, M8, M9, M10, M11)
31	RF000066	FRONT R. CORNER POST
41	RF000067	FRONT L. CORNER POST
51	RF000068	REAR R. CORNER POST
61	RF000069	REAR L. CORNER POST
71	RF000070	REAR VERTICAL PANEL
81	RF000071	MIDDLE PANEL
91	RF000072	UPPER ACCESS PANEL L&R
101	RF000073	LOWER R. ACCESS PANEL
111	RF000074	LOWER L. ACCESS PANEL
121	RF000075	FRONT ACCESS PANEL
131	RF000076	BASEPAN ASM
141	RF000077	UPPER FILTER CLIP
161	RF000079	VENT COVER PLATE
171	RF000080	CONDENSER FAN SHROUD
181	RF000108	CONDENSER FAN MOTOR (M5, M6, M7, M8, M9, M10, M11)
191	RF000106	COMPRESSOR (M5, M6, M7, M8, M9, M10, M11)
201	RF000108	CONDENSER COIL (M5, M6, M7, M8, M9, M10, M11)
211	RF000087	CONDENSER FAN
221	RF000089	EVAPORATOR (M5, M6, M7, M8, M9, M10, M11)
231	RF000092	COOLING PISTON (M1, M2, M3, M4)
231	RF000116	COOLING PISTON (M5, M6, M7, M8, M9, M10, M11)
231	RF000038	HEATING PISTON (M5, M6, M7, M8, M9, M10, M11)
231	RF000115	HEATING PISTON (M1, M2, M3, M4)
241	RF000121	3 KW HEATER ELEMENT (M6)
241	RF000122	4 KW HEATER ELEMENT (M10) (QTY 2)
241	RF000123	5 KW HEATER ELEMENT (M11) (QTY 2)
241	RF000123	5 KW HEATER ELEMENT (M8)
241	RF000119	6 KW HEATER ELEMENT (M9)
251	RF000124	EVAPORATOR MOTOR (M5, M6, M7, M8, M9, M10, M11)
261	RF000126	EVAP. BLOWER HOUSING (M5, M6, M7, M8, M9, M10, M11)

Expanded Model and Color Nomenclature

M1 - VTH123A02AA	P1233504R
M2 - VTH123A03AA	P1233505R
M3 - VTH123A04AA	P1233506R
M4 - VTH123A05AA	P1233507R
M5 - VTH183A00AA	P1233508R
M6 - VTH183A03AA	P1233509R
M7 - VTH183A04AA	P1233510R
M8 - VTH183A05AA	P1233511R
M9 - VTH183A06AA	P1233512R
M10 - VTH183A08AA	P1233513R
M11 - VTH183A75AA	P1233514R