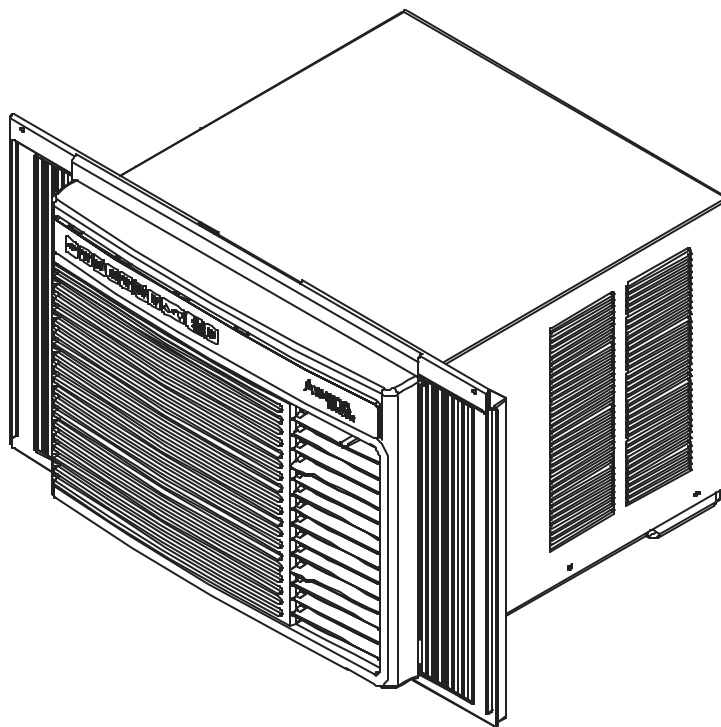


Parts

5,000 Btu Room Air Conditioner



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.



RP4310001
Revision 0
March 2002

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

Illustration and Parts 6 - 11

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:
20103504	BOARD-CONTROL PC
D6789062	CAPACITOR-ROUND
D6887714	COMP 2R7U126A-6A
20068303	COND COIL ASSY
20057501	CORD-POWER
20068205	EVAP COIL ASSY
20109601	FAN-COND
20055901	FILTER-PORTABLE
20109904	MOTOR-FAN
D6961672	OVERLOAD
B1394401	STRAINER
20109701	WHEEL-BLOWER

SPECIAL PARTS

20058201	INSTR-INSTALL
20058002	MANUAL-OWNERS
RP4100009	MANUAL-PARTS
RS4100007	SERVICE MANUAL
RT4100055	TECH SHEET

Expanded Model and Color Nomenclature

M1 - MC05A1TA1	P1214620R
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This exploded view diagram illustrates the assembly of a server chassis. The components are labeled with reference numerals:

- 5811**: Top cover or door assembly.
- 4001**: Side panel or baffle.
- 4901**: Front panel or door.
- 4501**: Top rail or guide.
- 4601**: Bottom rail or guide.
- 3301**: Mounting bracket or support.
- 2701**: Cable management component.
- 5501**: Cable or connector.
- 3901**: Internal component or module.
- 3801**: Mounting bracket or support.
- 3501**: Mounting bracket or support.
- 4301**: Front panel or door.
- 4111**: Mounting bracket or support.
- 3301**: Mounting bracket or support.
- 3401**: Mounting bracket or support.
- 2401**: Mounting bracket or support.
- 2801**: Mounting bracket or support.
- 2601**: Mounting bracket or support.
- 3701**: Mounting bracket or support.
- 0021**: Mounting bracket or support.
- 0031**: Mounting bracket or support.
- 5801**: Mounting bracket or support.
- 0011**: Mounting bracket or support.
- 4201**: Mounting bracket or support.

Chassis Assembly

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

Image 1:

0011	20050202	FRONT FRAME
0021	20051001	LOUVER-HORIZ (QTY 2)
0031	20051102	RETAINER,LOUVER
2401	20055502	SPRING-EXHAUST DOOR
2601	20051302	DOOR-EXHAUST
2701	20055403	SCROLL-BLOWER TOP
2801	20055605	ACTUATOR-EXH DR
3301	20051501	BASE-PIVOT (QTY 2)
3401	20111201	LOUVER-VERT (QTY 3)
3501	20051401	GANG BAR-VERT LOUVER
3701	M0321202	TIE-ELEC LG (QTY AR)
3801	20075601	CLIP-T'STAT
3901	M0103902	CLAMP-SPEED
4001	10839801	GASKET-CROSS LINK (QTY AR)
4111	M0219730	SCREW-SM (QTY AR)
4201	20050301	INSERT-PORTABLE
4301	20055901	FILTER-PORTABLE
4501	20055001	CURT FRAME ASSY-LH ALSO AVAILABLE IN BAG ASSEMBLY
4601	20055002	CURT FRAME ASSY-RH ALSO AVAILABLE IN BAG ASSEMBLY
4901	20083201	GRILLE-CONDENSER
5501	10839706	GASKET .500 X .500 (QTY AR)
5801	10839724	GASKET 1.00 X .50 (QTY AR)
5811	20082201	TIE-STRAP

Expanded Model and Color Nomenclature

M1 - MC05A1TA1	P1214620R
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Control & Outer Case Assembly

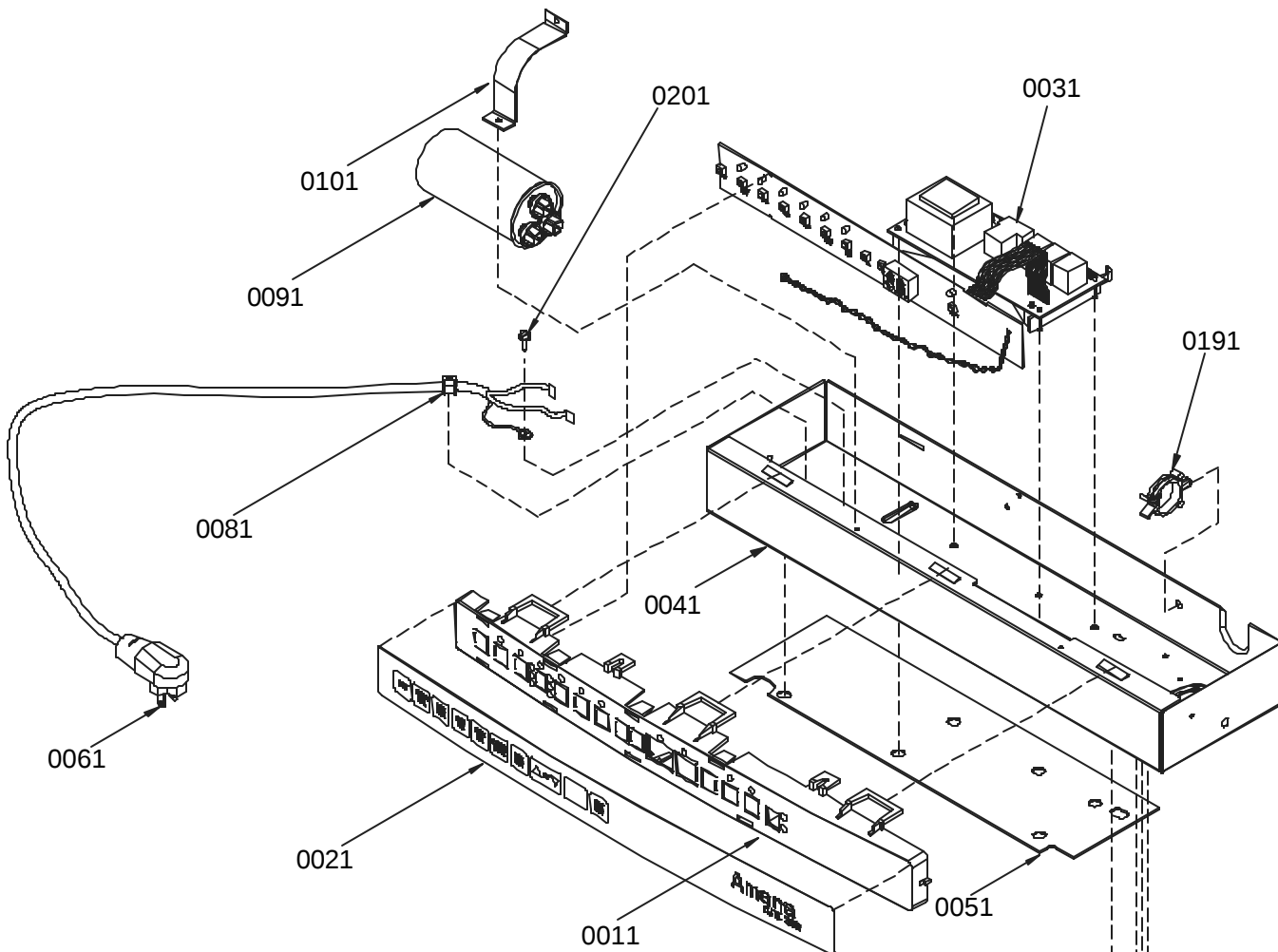


Image 1

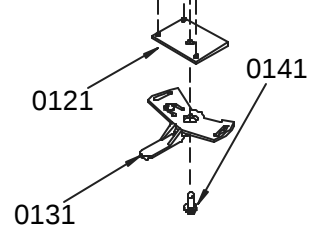
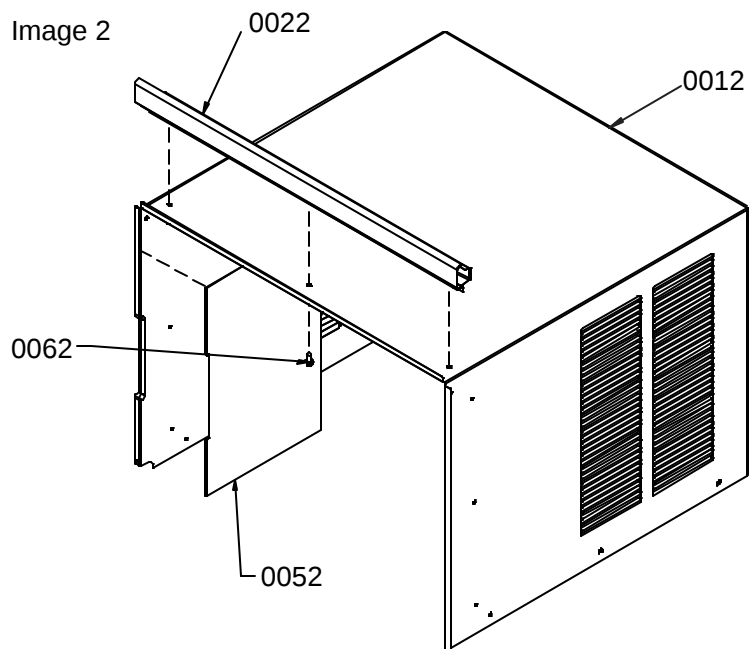
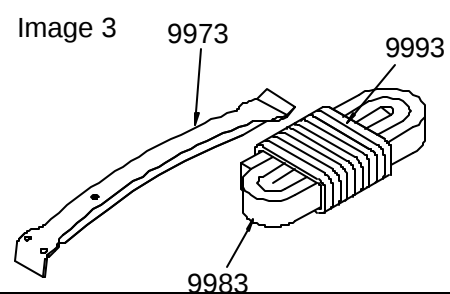
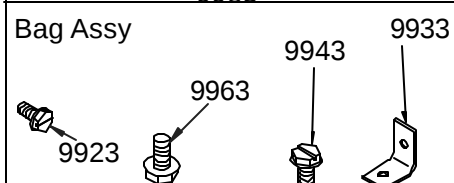


Image 3



Bag Assy



Control & Outer Case Assembly

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

0011	20052801	HOUSING-CONTROL
0021	20057701	OVERLAY-PORT-QZ
0031	20103504	BOARD-CONTROL PC
0041	20054601	BOX-CONTROL
0051	20069801	INS-CLOSED CELL FOAM
0061	20057501	CORD-POWER
0081	M0103902	CLAMP-SPEED
0091	D6789062	CAPACITOR-ROUND
0101	C6300511	STRAP-CAPACITOR
0121	20050701	BLOCK-INDEXING,VENT
0131	20050801	LEVER-CONTROL,VENT
0141	M0245104	SCREW-SM
0191	M0118702	CLIP-GUIDE
0201	M0227803	SCREW-TC
NS	10839705	GASKET .500 X .250 (QTY AR)

Image 2:

0012	20050002	OUTERCASE-PPNT
0022	20055101	RAIL-TOP
0052	20059601	INS-1/8 CLSD CELL
0062	M0254917	SCREW-SM (QTY AR)

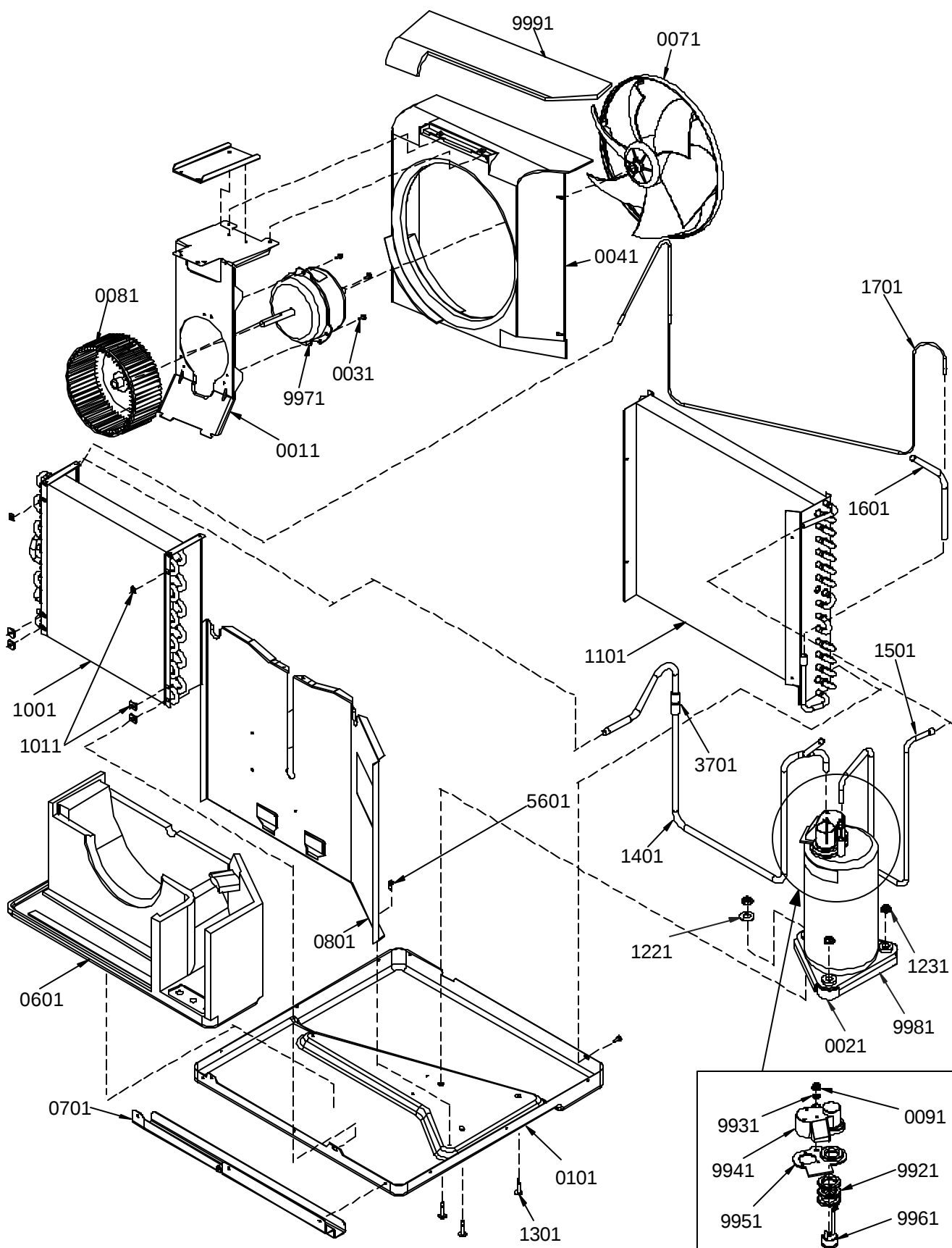
Image 3: Installation Hardware

9923	M0213032	SCREW-SM (QTY 3) ALSO AVAILABLE IN BAG ASSEMBLY
9933	10661401	BRKT-WINDOW STOP ALSO AVAILABLE IN BAG ASSEMBLY
9943	M0200001	SCREW-ADJ ALSO AVAILABLE IN BAG ASSEMBLY
9963	M0211020	SCREW-SM #8-7/8 (QTY 3) ALSO AVAILABLE IN BAG ASSEMBLY
9973	11075307	SUPPORT-SAFETY
9983	10839702	GASKET 1.50 X .750 ALSO AVAILABLE IN BAG ASSEMBLY
9993	10839720	GASKET .500 X .250 (QTY AR) ALSO AVAILABLE IN BAG ASSEMBLY
NS	10228312	BAG ASSY NEEDED FOR INSTALLATION) INCLUDES BRKT- WINDOW STOP, SCREWS, ADJUSTING FOOT

Expanded Model and Color Nomenclature

M1 - MC05A1TA1	P1214620R
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Chassis Assembly



Chassis Assembly

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

Image 1:

0011	20053906	BRACKET-FAN
0021	C6466001	GROMMET-COMP (QTY 3)
0031	M0254830	SCREW-TAP-R (QTY 3)
0041	20051203	SHROUD-CONDENSER
0071	20109601	FAN-COND
0081	20109701	WHEEL-BLOWER
0091	A3436601	NUT-TERM COVER
0101	20053703	BASEPAN
0601	20055303	SCROLL-BLOWER BTM
0701	20055201	RAIL-BOTTOM
0801	20053806	PANEL-PARTITION
1001	20068205	EVAP COIL ASSY
1011	M0586001	GROMMET-SCREW (QTY AR)
1101	20068303	COND COIL ASSY
1221	20113001	WASHER-CUP
1231	20112901	NUT-PALNUT (QTY AR)
1301	20109101	BOLT-SHOULDER (QTY 3)
1401	20120601	SUCTION WELD
1501	20116901	DISCHARGE TUBE
1601	B1394401	STRAINER
1701	20058704	CAPILLARY ASSY
3701	M0321202	TIE-ELEC LG (QTY AR)
5601	M0216716	SCREW-SM
9921	A3436901	SPRING-OVERLOAD
9931	A3436801	GASKET-NUT
9941	20120101	CAP-COMP TERM COVER
9941	10329001	COVER-TERM
9951	A3436701	GASKET-TERM COVER
9961	D6961672	OVERLOAD
9971	20109904	MOTOR-FAN
9981	D6887714	COMP 2R7U126A-6A
9991	20076902	INSUL COND-SHROUD

Expanded Model and Color Nomenclature

M1 - MC05A1TA1	P1214620R
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