

# User Manual

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## A7 Lite RO Water Purifier WJ2908-ROC60

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Please read the instruction manual carefully before operating and keep it properly for future reference.

**ANGEL**



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WeChat for customer service

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## Warning

To ensure the best taste of the water, please try to use the water purifier as much as possible after the installation in the first day. Use the RO water for kitchen cleaning or switch on the faucet for 20 minutes every 2 hours after installation. Flush the system more than 7 times to activate the RO membrane and enjoy the best taste of the purified RO water.

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

The appliance is only to be used with the power supply unit provided with the appliance

**Please observe following warning tips that are important to avoid risk and injury.**

1



Please read the instruction carefully before operation and keep it properly for future reference.

2



The product is a house hold product, should be used under room temperature of 4°C to 40°C, avoid direct sunshine.

3



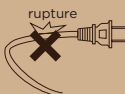
Unplug the unit if not use for more than 72 hours

4



This PS1000 must be used with the designated RO filter.

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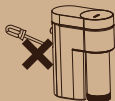
This product can only use after being installed and tested by Angel customer service personal. Confirm the quantity of all accessories in carton.

6



If power cord is damaged, replace it by Angel authorized dealer.

7



For your safety, please contact Angel customer service for maintenance. Do not disassembly the machine by yourself.

8



Feed water temperature exceed 38°C or below 5°C may damage RO membrane.

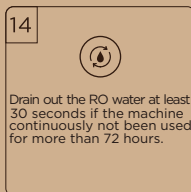
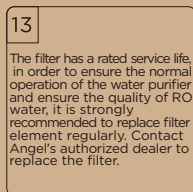
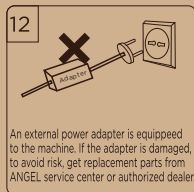
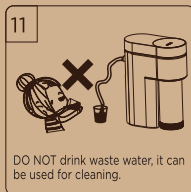
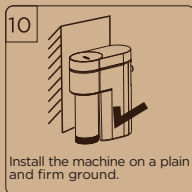
9



Blocking of waste water pipe may damage the machine.

## Warning

Please observe following warning tips that are important to avoid risk and injury.



**Tips: Install presure reducing valve in the water inlet if water presure  $\geq 0.4\text{Mpa}$ , it's normal the machine will has larger noise level when water presure  $\leq 0.15\text{Mpa}$ .**

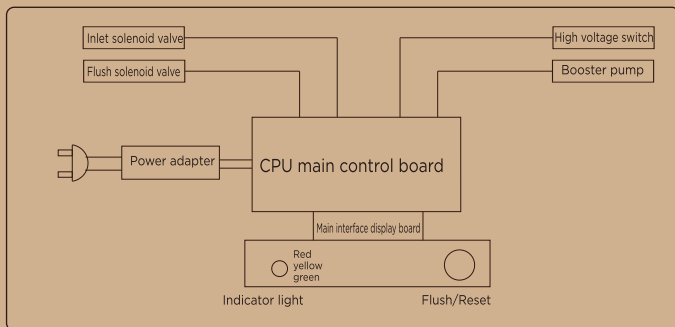
## Water contacted Parts and materials

Part name	Material	Quantity	Life time	Specification
PS 1000	Polypropylene shell, folded PP cotton, carbon fiber	1 pc	no more than 6-12months	$\phi 101 \times 329\text{mm}$
Anti-scale filter	Polypropylene shell, phosphate granules	1 pc	no more than 12 months	$\phi 41 \times 98\text{mm}$
RO membrane filter	Polypropylene shell, polyamide	1 pc	no more than 24-72months	$\phi 102 \times 358\text{mm}$
Nano whisker/ Active carbon rod filter	PP filter shell, Active carbon rod, Nano zno whisker	1 pc	no more than 6-12months	$\phi 52 \times 160\text{mm}$

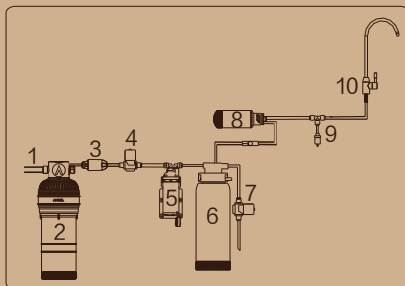
(1)Life time of filter is based on regular family water usage, feeding water temperature range is 5-38°C,water pressure is 0.1-0.3Mpa,and feeding water is municipal tap water.

(2)To ensure water quality and water purifier works normally, it is suggested to replace filter regularly base on instruction,ratedfilter lifetime will change based on feeding water temperature, water pressure, feeding water quality.

## Electric control schematic diagram



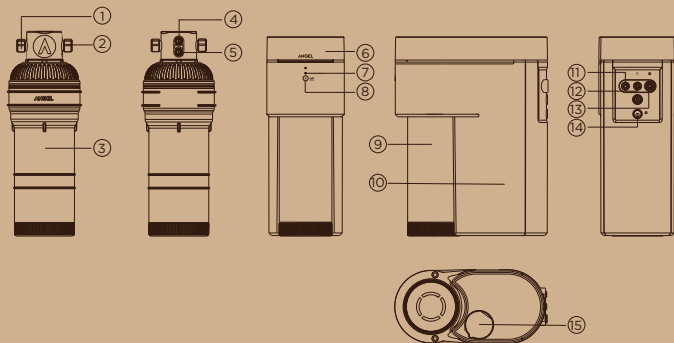
## Water purification flow diagram



Remark: For reference only, please refer to actual product

No	Name
1	Bellow
2	PS 1000
3	Anti-scale filter
4	Water inlet solenoid valve
5	Booster pump
6	Reverse osmosis filter
7	Flushing solenoid valve
8	Active carbon rod filter
9	High voltage switch
10	Water purifier faucet

## Product introduction

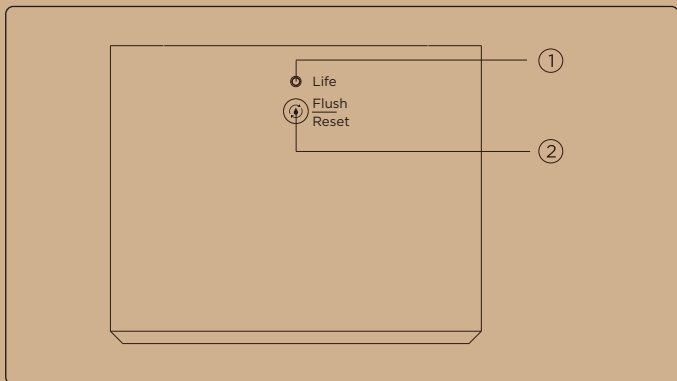


No.	Item	No.	Item	No.	Item	No.	Item
1	Water inlet connector	5	Pressure release connector	9	RO Filter	13	Water inlet connector
2	Purified water connector	6	Shield	10	Booster pump	14	Power supply
3	Compound filter	7	Filter lifetime indicator	11	Waste water connector	15	Active carbon rod filter
4	Purified water connector	8	Flush/Reset	12	RO water connector		

## Product specification

Model No.	WJ2908-ROC60
Applicable water source	Municipal tap water
Applicable water temperature	5℃-38℃
Room temperature	4℃-40℃
Water inlet pressure	0.1MPa-0.3MPa
Working pressure	0.4MPa-0.6MPa
RO water flow	1.0L/min
Rated purified water capacity	5000L
Power Supply	220V-50Hz
Rated power	70W
Eclectic shock proof class	II
Attention	Regularly flush and replace filters

## Control panel introduction



### 1. Lifetime indicator

It is composed of a three-color lamp (red, yellow and green) to indicate the different lifetime of the filter.

Green light indicates the filter is normal.

Yellow light indicates the filter is about to expire.

Red light indicates the filter is expired and need to be replaced.

### 2. Flush/reset button

2.1 Press the flush/reset button to turn flush mode on and off.

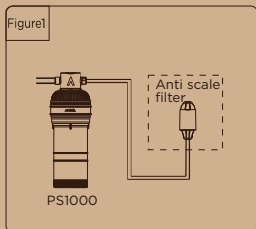
2.2 Keep press flush/reset key for 6 seconds to enter reset mode, touch flush/reset key again within 6 seconds to reset filter lifetime, then return to normal working time. If the flush/reset key is not touched again within 6 seconds, exit filter reset mode and return to normal working mode.

## Packing list

Name	Unit	Quantity
RO water purifier	pc	1
PS1000	pc	1
PE tube(1/4")	pc	1
PE tube(3/8" )	pc	1
Digital faucet	pc	1
Accessories	pc	1
AC power adaptor	pc	1

## Installation

After purchase users should contact Angel after sales service for free installation and tests. please confirm all the accessories in the carton are sufficient and complete.



I. Installation of Anti scale filter (as shown in Figure 1)

II. Connect reverse osmosis purifier and connect power supply (as shown in Figure 2)

1. Turn on faucet, water purifier will start to work then automatically flush the system for 10 seconds before enter normal working mode.

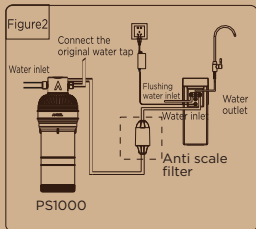
2. Turn off faucet, water purifier will stop water purification process.

3. Pipeline inspection: In pilot running, check if there is any leakage or loose parts, modules and connectors.

4. Cleanup: Reorganize inlet, outlet and waste water tube and tighten them then clear up kitchen.

5. Flush: When first time install or replace reverse osmosis filter, to secure most clean water and best taste, we suggest every 2 hours start purify process and direct drain out RO water and keep 20 minutes, repeat 7 times to fully ensure the taste and activate the performance of RO membrane.

6. Enjoy the purified RO water after flushing.



## Filter replacement

Remark: To replace the filter, first turn off the water supply valve, then turn on the faucet to drain out water in machine, power off the machine to replace filters.

1. Turn off the water supply valve, the turn on faucet to drain out the water in machine.

2. Power off the machine after water completely drained out, remove the machine and put it on a firm and plain ground.

3. Twist out to remove old filter and twist in new filter.

4. Fix the water purifier in original position.

5. Check and adjust all water pipes and valves to correct positions.

6. Turn on faucet, switch on the power supply, press "flush/reset" to flush as required.

7. Please contact Angel authorized dealer when filter needs to be replaced.




## Hazardous substance statement


Parts name	Hazardous substance					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Chromium (Cr, VI)	PBB	PBDE
PCB	X	O	O	O	O	O
Power adapter	X	O	O	O	O	O
Accessory	X	O	O	O	O	O
Sensor	X	O	O	O	O	O
Fuselage	O	O	O	O	O	O
Filter element	O	O	O	O	O	O
Pipe joint	O	O	O	O	O	O

O: Indicate that the content of this hazardous substance in all homogeneous materials of the part is less than limit specified in GB/T26572-2011 Annex II

X: Indicate that content of this hazardous substance at least in one homogeneous material of the parts exceed limit specified in GB/T26572-2011 Annex II

According to electronics industry standard SJ/T11364-2014 and related regulation, the product and its internal or external components may contain environment friendly use period (EFUP) label. The EFUP label on the product may differ from label on components and use period on components takes priority over other EFUP label on the product.

 AC adaptor

 RO water purifier

## Product maintenance guide

Problem	Cause	Solution
Water purifier does not make water	PS 1000 is blocked. PS 1000 output water flow is too low. RO membrane is blocked. The power supply is not connected. Control board failure	Please contact Angel after-sales service personnel for maintenance
Water leakage at the connection	The joint sealing ring is damaged. The sealing ring of the filter drum is damaged	Turn off water source and contact Angel after sales service personnel
The purified water has peculiar smell	The water is not used for a long time and it is not flushed as required during initial installation. Raw water has peculiar smell	Drain off the water with peculiar smell and rinse the water again as required.
Low purified water pressure	Water pipes leakage	Turn off water source and contact Angel after sales service personnel
The waste water pipe is not drained	Filter blocked	Angel after sales service personnel
Long running water of waste water pipe	Check valve damaged Water inlet, solenoid valve damaged	Turn off water source and contact Angel after sales service personnel
The water purifier does not stop	RO membrane is seriously blocked. Fatigue damage of high-voltage switch The water inlet solenoid valve is damaged	Please contact angel's after-sales personnel to replace the damaged parts in time
Loud noise	Water pressure below 0.15Mpa The whole machine resonates with its surroundings. Internal water pipe interference. The front filter element is blocked. Front end equipment does not discharge	Increase water inlet pressure Shock absorption with pearl cotton Adjust the internal pipeline Or contact Angel after-sales service personnel to replace the damaged parts in time

### Shenzhen Angel Drinking Water Industrial Group Co.

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图号	ZY-WJ2908-SMS-05	型号	见图纸	名称	说明书	材料	80g牛皮纸	版本	20.12	设计	聂军伟	内审		审核		批准	
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