

VaVie Water Purifier

Installation Instructions

Thank you for purchasing VaVie water purifier. Please read the instructions carefully before use. Please keep this booklet for later reference.

Model: LM1000-A

No: LM201300102

Dear customers:

Thank you for using VaVie series of products. Our water purifier can completely eliminate your worries of drinking water, ensuring you can always enjoy the fresh and healthy high-quality drinking water.

Before you use our water purifier, we recommend that you carefully read the installation instructions and accept our proposal, which can make the purifier always in its first-class condition giving fresh, high-quality drinking water. Please contact your local dealer or service center, if you encounter difficulties, or have any comments and suggestions.

China Service Hotline : +86 53288196668

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FEATURES:

VaVie - LeMillion can completely remove sediment, rust, bacteria, colloid, macromolecular organic molecules and other harmful substances from water, and retain the beneficial minerals and trace elements. The water thus produced meets the WHO drinking standards.

Pure physical filtration, no chemicals added.

Uses advanced UF membrane with minimum dissolved matter's molecular weight cut-off at 50000 Dalton.

High production volume exceeds the minimum needs of common kitchen.

No electricity and no waste water, energy saving and safe.

Advanced auto concentration discharge feature, water produced is always up to the standard.

The filter lasts at least 3 years, economic and convenient.

Easy to install in cabinet, space saving and convenient installation.

TECHNICAL PARAMETERS:

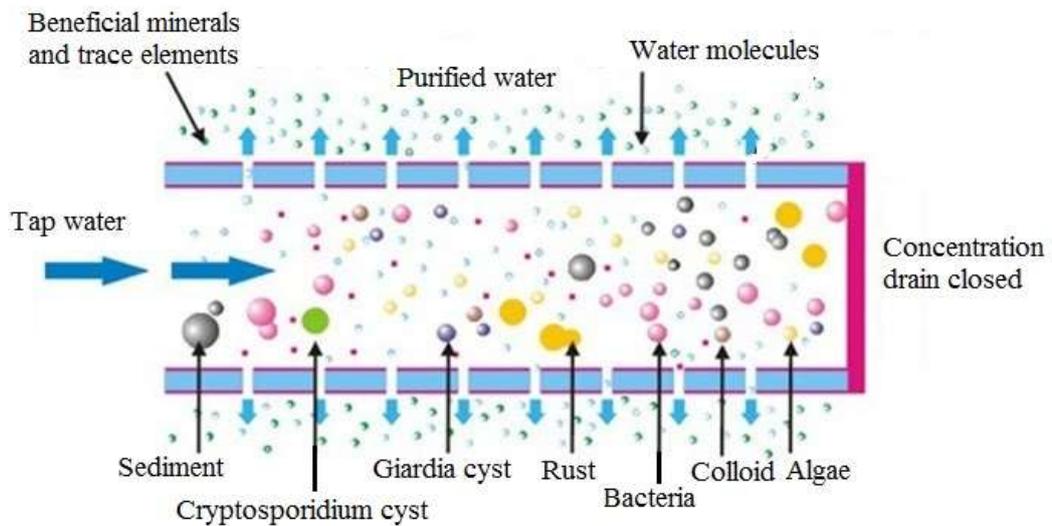
Name	Vavie Water Purifier
Series	LeMillion
Model	LM1000-A
No.	LM201300102
Purified water flux	10.0 L/Min
Water resource	city tap water
Environment temperature	5~40°C
Water temperature	5~38°C
Water pressure	0.1~0.4MPa
Perform standard	WHO Guidelines for Drinking Water Quality (2011)

Note:

Specifications varies with improving model, above specifications applies only to current model.

OPERATING PRINCIPLE:**1. The operating principle of ultrafiltration**

Ultrafiltration is a kind of liquid separation process with relevance to the size of membrane aperture. The driving force is the pressure difference on both sides of membrane, and the filter media is the ultrafiltration membrane. At a certain pressure, when the liquid flows through the membrane surface, the small pores on the membrane surface only allows water molecules, to produce filtered purified water. The liquid retained down by the membrane becomes concentrated liquid. Thus we can achieve the purification of raw water by using this separation process.



Our company has developed a high precision ultrafiltration membrane for the water purifier. The filter pore size of ultrafiltration membrane inside our water purifier is only about $0.02\mu\text{m}$, which only allows water molecules and beneficial minerals and trace elements in water to pass through. Because the volume of the smallest bacteria are $0.2\mu\text{m}$ or more, bacteria and material which are much larger than bacteria, such as colloid, rust, suspended solids, sediment, organic molecules, can be retained down. Thus the water purification process can be achieved.

Also people's drinking water safety is not effectively protected due to the secondary pollution of city tap water pipe, the danger of fertilizers, pesticides and other mineral pollution in rural drinking water. Our water purifier is a green product and drinking water can be purified by the use of the pressure of the tap water itself. Thus your family's drinking water safety can be ensured.

2. The operating principle of water purifier

The operating principle of pipeline water purifier includes produce water and rinse.

Water producing process

Tap water flows into the inlet of the water purifier. A variety of bacteria, rust, colloid, sediment, suspended solids, organic molecules and other harmful substances can be retained down by the ultrafiltration membrane, and beneficial minerals and trace elements in water are obtained. Purified water which flows out from the outlet of water dispenser becomes clean, hygienic, safe drinking water.

Rinse process

Close the water purifier outlet tap and quickly open the flush port switch (if flush port directly connects to the water tap, you can directly open the tap). The tap water flows into the purifier inlet, then quickly through the ultrafiltration membrane and then flows out from the flush port. The harmful substances retained on the ultrafiltration membrane can be washed away in time, in case of blockage.

The factors of water production

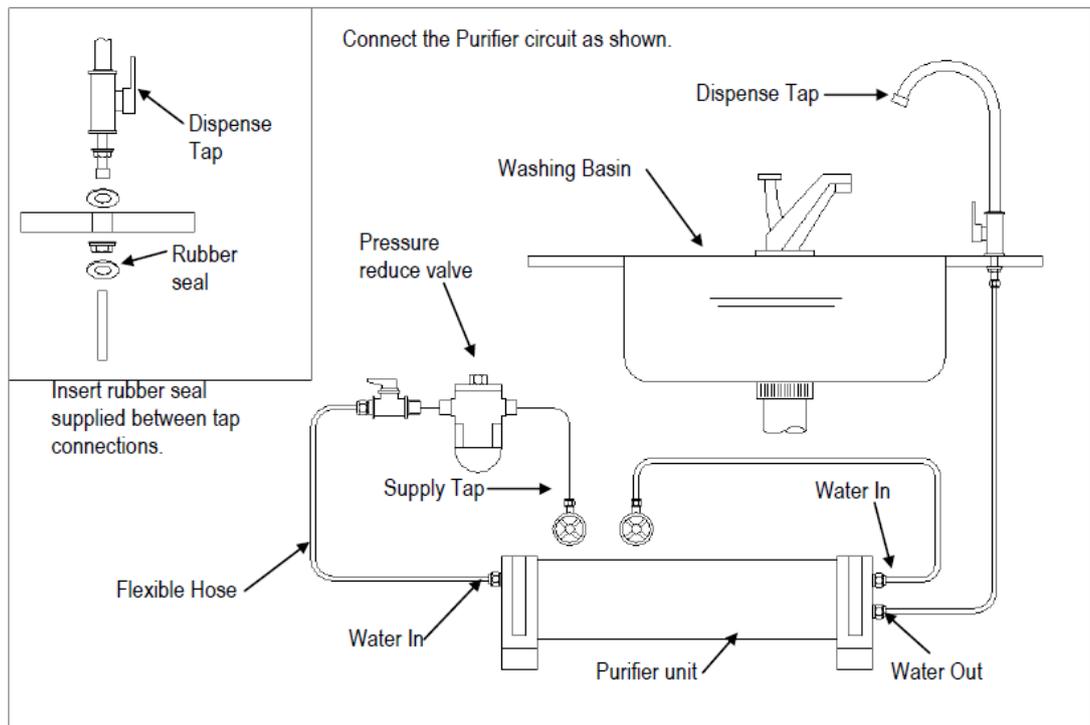
- 1) Water pressure: if water pressure is lower than 0.3MPa, water production will increase with increase in water pressure.
- 2) Water quality: when water quality is relatively poor, water production will decrease.
- 3) Water flow: if water flow is low or inlet pipe diameter is too small, water production will decrease.
- 4) Rinse: rinsing in time can effectively restore the flux of water purifier.

The factors of water quality

- 1) Ultrafiltration membrane filter wires are broken or have leakage points.
- 2) Seal is damaged or extruded

The factors of service life

- 1) Water pressure: if water pressure is higher than 0.4MPa or the fluctuation of inlet water pressure is too fast, ultrafiltration membrane filter may be damaged.
- 2) Water quality: If water quality is relatively poor, the water dispensing capacity of the water purifier will decrease, and the life span of water purifier reduces.
- 3) Rinse frequency: Frequent flushing and cleaning the filter will greatly extend the life span of water purifier.

INSTALLATION INSTRUCTIONS:**Installation Circuit :****Note:**

During installation process, the seals of water purifier must be prevented from being extruded. The plug cap can only play the role of dust-proof, and cannot be used as plugs.

The purifier can be installed in different ways depending on the layout of the house. For example, the purifier can be put into a cabinet or hung on the wall. Please note installation location should avoid direct sunlight. Also the water purifier cannot be installed outdoors in regions of freezing burst.

- 1) Open the packaging and take out of the water purifier. According to the user requirement, install the purifier in proper position.
- 2) Close the main inlet ball valve. If there is already a tap on the cabinet, you can put the tap as flush port of the water purifier. Select a suitable location on the cabinet to install purified water tap.
- 3) Install reducing valve to tap water pipe, then connect reducing valve with the outlet of the water purifier by braided hoses.
- 4) Connect the purified water outlet with purified water tap by braided hoses.
- 5) Connect the tap water tap with the flush port.

Installation tools:

- a) Wrench – 1
- b) Pipe Wrench - 1
- c) Screwdriver - 1
- d) Impact drill - 1
- e) Drill - 1
- f) Tape measure – 1
- g) Impact drill ($\Phi 10$, 22) – each 1
- h) Ordinary drill ($\Phi 7$, 22) – each 1

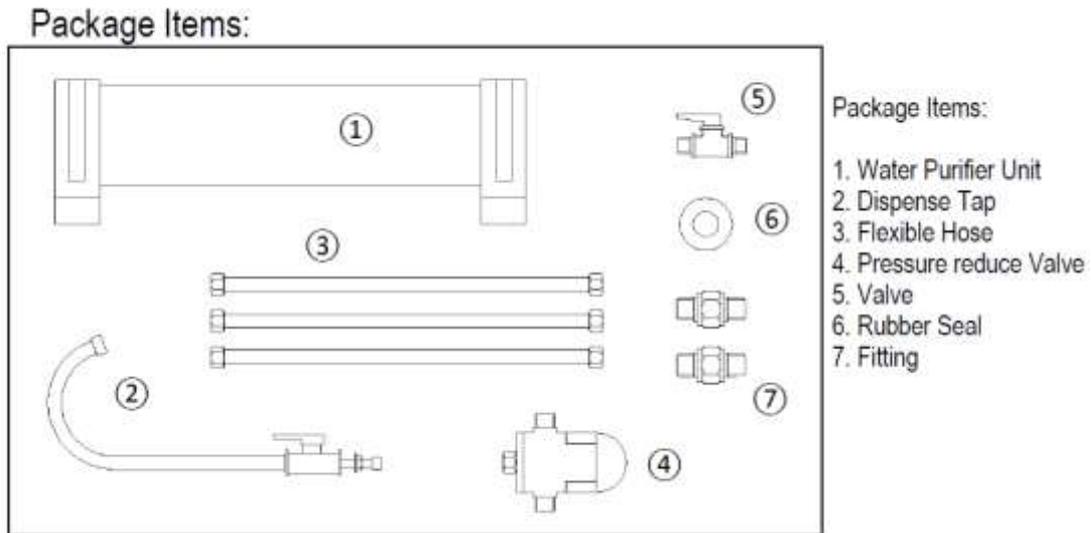
Use:

After installation, open the purified water tap and flush valve for 10 minutes. Then close flush valve and open the purified water tap for 5 minutes. The purified water can be used for drinking until there are no bubbles produced.

ATTENTION:

- 1) If water pressure is higher than 0.4MPa or the fluctuation of inlet water pressure is too fast, ultrafiltration membrane filter may be damaged.
- 2) If water quality is relatively poor, the water dispensing capacity of the water purifier will decrease, and the life span of water purifier reduces.
- 3) Frequent flushing and cleaning the filter will greatly extend the life span of water purifier.
- 4) Installation location should avoid direct sunlight
- 5) If the water purifier is not used for a long time, please rinse 20 seconds before the next use.
- 6) The total water production is related to the water quality, its usage and the operating conditions. Water quality is better, the total water production will rise, and vice versa. If rinse regularly, the total water production will rise. When the water purifier water production can not meet your requirements, please replace the filters.
- 7) The quality of purified water will not be affected by the reduced dispensing capacity and safe to consume.

PACKING LIST:



Note: The packing list is a reference configuration of the product, which may change with the update of products. Please refer to the actual contents.

S.No	Name	Quantity	Note
1	The host	1	
2	braided hose	3	
3	expansion screw	4	
4	Certificate	1	
5	Installation instructions	1	
6	Warranty card	1	Basis for the warranty

WARRANTY DESCRIPTION:

- 1) **Warranty period:** The warranty period is 1 year (excluding filter) from the date of purchase.
- 2) In case of water quality problems during the warranty period, it may be due to the purifier failure. Customers can take the completed warranty card and purchase invoices to local contracted service outlets for maintenance. Do not disassemble the purifier or you will lose the warranty rights. Our company does not assume any responsibility for the resulting quality problems or accidents.
- 3) The following are not within the scope of free warranty:
 - 3.1 Purifier damage due to consumers' improper use or maintenance or storage.
 - 3.2 Purifier damage due to the removal by the maintenance personnel of other

than our company.

3.3 No proof of purchase or the proof of purchase does not match with the product model.

3.4 The purifier is damaged due to force majeure.

3.5 Beyond the warranty period.

4) To facilitate quicker product repair, please keep the carton packaging during the free warranty period.

5) For non-free maintenance, we will only charge a reasonable fee for parts and materials. Our company will provide you with the best quality service.

TRITECH

Tritech (QingDao) Membrane Industry Co., Ltd.

Warranty card (Customers archive)

Service Hotline: 400--099--8766

Name					Zip code						
Address											
Telephone area code				Home Phone				Office Phone			
Work units											
Shop					Date of purchase						
					model						
Grade					Quality control personnel						
User confirmation	Voltage		Outlet		GFCI	Y		N		A	
	V		A								
Installer Signature					Customer Signature						
Suggestion											



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