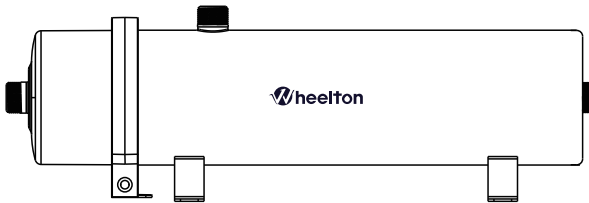




PIPELINE ULTRAFILTRATION WATER PURIFIER INSTRUCTION MANUAL



Model: WHT-UF100009 WHT-UF200009 WHT-UF300009

Note:

Please read carefully before installation.

Please keep it well for further reference.

Data in this instruction manual is subject to alternation without prior notice.

Contents

Precautions	-----	1
Product Introduction	-----	2
• Technical Parameter	-----	2
• Features	-----	2
• Filter Introduction	-----	2
Packing List	-----	3
Installation Guide	-----	3
Maintenance	-----	4-6
• Use And Maintenance	-----	4-5
• Failure Analysis	-----	6
Content of Restricted Substances	-----	7






- Please close the inlet valve before going out to prevent water leakage caused by unstable water pressure.
- If the water is cut off or not used for a long time, please turn on the tap water to drain the sewage from the pipes before using it again.

Notices

Precautions

Note: All contents of this item are related to safety, so please make sure that users comply with them.
The precautions in this item are only for the proper use of this product.
The precautions explain the dangers, the magnitude of the hazards, and the possible accidents.

 Prohibition	Any content with this mark is an act that must be prohibited, otherwise it may cause damage to the product or endanger the personal safety of the user.
 Warning	For the content with this mark, the user must operate strictly in accordance with the requirements, otherwise it may cause product damage or endanger the personal safety of the user.
 Attention	Users must pay attention to the content with this mark, otherwise it may cause product damage or other losses due to improper operation.



Prohibition

1. Do not use other accessories without the manufacturer's permission, which may cause mechanical failure.
2. In case of failure, the main switch of the water pipe should be turned off immediately, and do not leave the defective product in working condition.



Warning

1. Children and incapacitated persons should use this product under the supervision of their guardians.
2. All pipeline construction processes should comply with the relevant regulations of the local authorities.



Attention

1. If you need to purchase extra accessories for installation purposes, please choose high-quality accessories.
2. The applicable water source of this product is municipal tap water, the applicable water pressure is 0.1-0.4Mpa, the applicable water temperature is 5-38 C , and the ambient temperature is 4-40 C . It is strictly prohibited to use it beyond the range.
3. If the water pressure exceeds the range, please install a pressure reducing valve. This product is recommended for indoor installation. There should be a floor drain for drainage within 1.5 meters around the installation to avoid product leakage and other losses that may be caused by poor drainage.
4. When the product is not used or unattended for more than 3 days, please cut off the water source to prevent the "water hammer" impact caused by unstable water pressure, resulting in damage to the product or water leakage.

Product Introduction

1、Technical parameters

Product	Wheelton Pipeline Ultrafiltration Water Purifier		
Model	WHT-UF1000	WHT-UF2000	WHT-UF3000
Item No.	WHT-UF100009	WHT-UF200009	WHT-UF300009
Applicable Water Quality	Municipal tap water		
Water Inlet Pressure	0.1MPa-0.4MPa/1-4 Bar		
Working Pressure	0.1MPa-0.4MPa/1-4 Bar		
Applicable Water Temperature	5°C-38°C		
Ambient Humidity	≤90%		
Ambient Temperature	4°C-40°C		
Water Flow	16.7L/min	33.3L/min	50L/min
Capacity	10000L	15000L	20000L
Product Dimension	430*125*125mm	575*125*125mm	625*125*125mm

Note: Due to the continuous improvement of the product, the above parameters may be changed, please refer to the product nameplate.

2、Features

1. The shell of the product is made of high-quality stainless steel, corrosion resistant and its service life is longer;
2. Using external pressure ultrafiltration membrane, high filtration accuracy and high water quality after filtration;
3. The whole machine has a flushing function, keeps the filter clean and extends filter life;
4. Large flow rate to meet the needs of the whole house water;
5. The product uses food-grade materials and can be used with confidence.

3、Filter Introduction

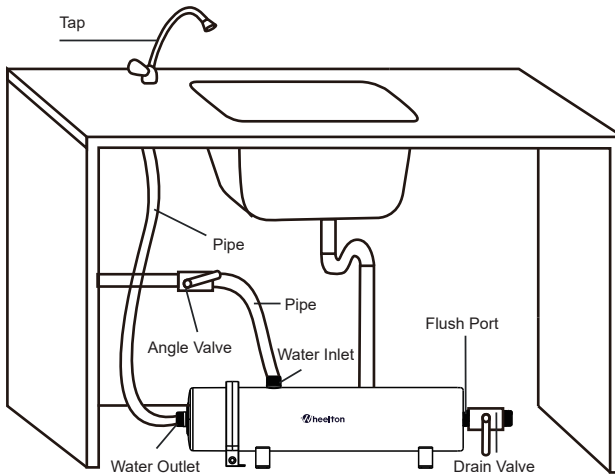
Item	Function Introduction
UF Membrane	It can filter tiny suspended impurities in tap water, such as sediment, rust, colloid, bacteria, etc.

Packing List

Item	QTY	Note
Ultrafiltration Water Purifier	1 Set	
Accessories Bag	1 Set	Corrugated Pipe x 2PCS
		NPT Adapters x 3PCS
		Expansion Screw x 4 Sets
		Instruction x 1
		Drain Valve x 1 PC
		Teflon tape x 1 Roll
		Random
		Included

Note: Accessories may vary from batch to batch. If you have any questions, please contact customer service.

Installation Guide



Note:

1. The water purifier must be flushed when it is used for the first time.
2. In order to ensure the quality of the filtered water, the water purifier needs to be flushed regularly.
3. When the water purifier is not used for a long time, it needs to be flushed before reuse.

Flushing:

After the machine is properly installed, the flushing procedure is as follows:

- (1) Open the water inlet valve.
- (2) Open the drain valve and tap at the same time.
- (3) Let the machine rinse itself for 5-10 minutes until the water comes out clear.

Note: It is normal if foam appears during the rinsing process.

Maintenance

Use And Maintenance

1. Service life of ultrafiltration membrane: 2 Years

The service life of the membrane will vary due to the differences in the inlet water temperature, water pressure, water quality, filtered water volume and use environment.

Note: This product is designed for tap water, but it can also be used for other water qualities such as well water. If it is used for tap water, with proper use and maintenance, the service life of the membrane can reach 3-5 years or even longer.

Please define the replacement time of the membrane according to the specific usage.

2. Water Purifier Flushing

After using for a period of time, the retained substances in the water will accumulate on the surface of the membrane, which will affect the water flow of the membrane. Therefore, the membrane must be flushed regularly.

1) Flushing method:

To ensure the stable operation of the water purifier, please open the tap and drain valve as much as possible during use to flush the membrane directly.

Reference steps:

Quickly open the drain valve, flush for 20 seconds, then quickly close the drain valve for 5 seconds, and repeat the operation for several times continuously.

2) Flushing time and frequency

a. Rinse 2-3 times before the first use every day.

b. When the amount of filtered water is significantly reduced, rinse for about 10 minutes.

c. When the water purifier is not used for a period of time, it should be flushed regularly, 2-3 times every two days.

d. Due to the different water quality in different areas, for areas with poor water quality, it is necessary to increase the frequency of flushing.

3. Shake washing of water purifier

When repeated flushing still fails to increase the filtered water flow, you can follow the steps below to shake and wash:

Take out the water purifier, fill it with 2/3 volume of water, plug the water inlet and outlet of the water purifier with plugs, shake vigorously for about 5-10 minutes, and then drain the residual liquid. Repeat this operation for 3-5 times. Reinstall the water purifier and rinse for 1 minute.

Maintenance

4. Manual cleaning of ultrafiltration membranes

If normal flushing, backwashing and shaking washing are still unable to increase the filtered water flow, the membrane can also be taken out and cleaned manually.

1) Close the cold water angle valve, open the tap and drain valve to relieve pressure.

2) Unscrew the holding hoop, and use a slotted screwdriver to pry open the stainless steel housing.

3) Take out the membrane, rinse it gently in clean water, and gently rub the membrane filaments with your hands until the membrane filaments become clean. At this time, the impurities accumulated on the surface of the membrane have been cleaned.

4) Put the membrane back into the machine, reinstall it, and let the machine flush for about 5 minutes, and the water flow will be restored and you can use it normally.

Note:

Do not use too much force when cleaning by hand, so as not to damage the membrane filament and affect the filtration effect.

Put the membrane back into the machine, reinstall it, and let the machine flush for about 5 minutes, and the water flow will be restored and you can use it normally.

5. Replacement of ultrafiltration membrane

If all the above methods still cannot improve the water flow rate, the UF membrane may need to be replaced.

Take out the membrane according to step 4, replace with a new membrane, and put it back according to the original steps.

If you have other questions, please contact the after-sales service for help.

Maintenance

Failure Analysis

When the product fails, you can take the following methods first or contact the after-sales service for help.

Problem	Possible Causes	Correct Action
Water output decreased significantly	Clogged filter	Clean the filter or replace it with a new one
	Water pressure is too low	Install boost valve
	Ball valve not fully open	Check whether the water inlet ball valve is fully open
Poor filtered water quality	Filter failure	Replace the filter
	Not used for more than 3 days	Flush the machine and filter
	Poor water quality of water source	Confirm that the water source is municipal tap water
Water leakage	Pipe does not connect well	Cut off the water source, tighten the connector, or replace damaged parts and other accessories
	The sealing ring may be damaged	
	The water inlet tee or ball valve connector is damaged	

Content of Restricted Substances

Part name	Restricted substances					
	Pb	Hg	Cd	Cr(VI)	PBB	PBDE
Metal parts	○	○	○	○	○	○
Plastic parts	○	○	○	○	○	○
Cartridge components	○	○	○	○	○	○
Silicone, rubber parts	○	○	○	○	○	○
Electronic components (devices)	×	○	×	○	○	○
Copper structural parts	×	○	○	○	○	○
Packaging and printing components	○	○	○	○	○	○
Accessories	○	○	○	○	○	○

The table is prepared in accordance with the provisions of SJ/T11364.

O: Indicates that the content of the restricted substance in all homogeneous materials of the part is below the limit requirement specified in GB/T 26572.

x: Indicates that the content of the restricted substance in at least one homogeneous material of the part exceeds the limit specified in GB/T 26572.

* The parts in the detailed table are a summary of the main parts included in different models of products, whether the product contains the parts, subject to the actual configuration of the product.

* Other parts not listed in the schedule and their homogeneous materials do not contain restricted substances.

* The parts marked with "x" in the list cannot be replaced by restricted substances due to the technical development level of the industry.

Reminder:

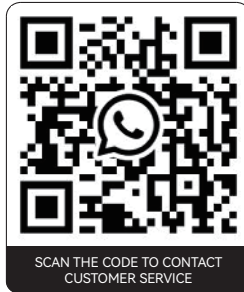
In order to protect the environment, it is your responsibility as a consumer to separate this product or its components from household waste after they are disposed of and send them to a qualified recycling site, where they will be sorted and dismantled and recycled in accordance with the relevant national regulations. For more information about the recycling of this product, please consult your local government or waste disposal agency.

Note: The water contact materials (mercury, lead, copper, hexavalent chromium precipitation) in the water purifier are in accordance with the requirements of the "Code of Hygienic Safety Evaluation for Drinking Water Distribution Equipment and Protective Materials".



Wheelton

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