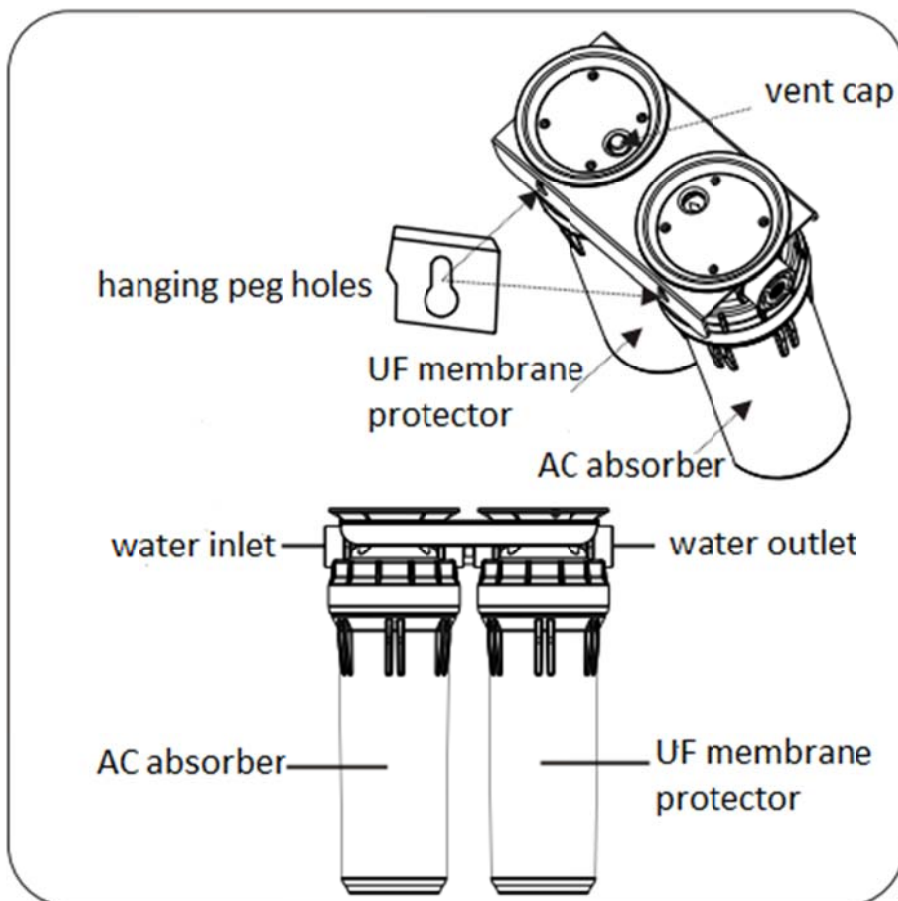


LH5-2 User Manual



1. Product Components and Performance

This product consists of activated carbon absorber and UF membrane protector and other components, used to filter municipal tap water. The filter materials are adopted activated carbon (AC) and UF membrane. AC adsorbs residual chlorine and small molecule organic matter in water, improve the drinking water taste; the pore size of PVC alloy capillary UF membrane is only 0.01 micron which can totally remove bacteria, virus and other impurities from water, to ensure the drinking water safety.



Pic 1 Product Components

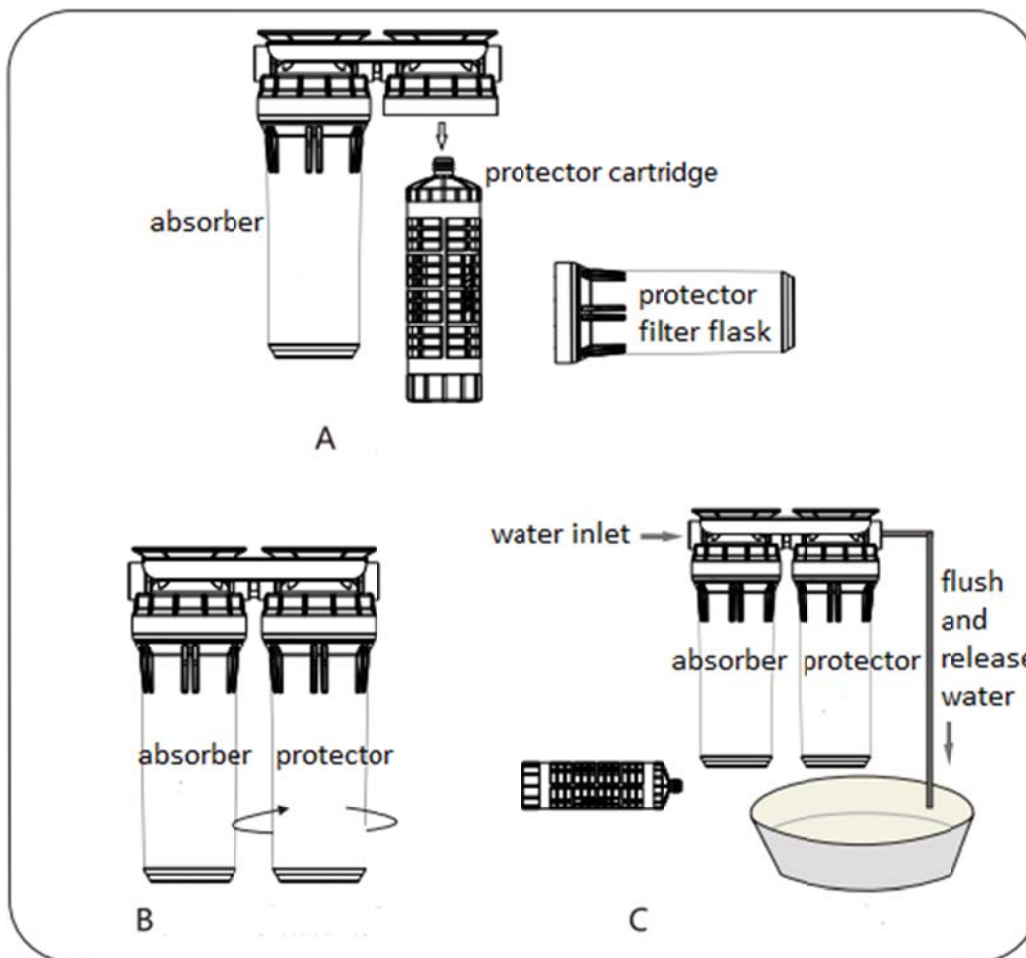
2. Cleaning Method

There is some disinfectant in UF membrane protector, it should wash out the disinfectant before installation and use, and wash the AC absorber.

1) Wash AC absorber

Open the packaging and take out the water filter, select a flushing place which has sewer and place a basin under the water filter. Make sure the cartridge of UF membrane protector has not been installed in the filter flask (if it already installed, use special spanner to unscrew the filter flask, take out the cartridge, retighten the filter flask); then connect the water inlet with water inflow, flush the AC cartridge, open the water outlet to release the water to the basin or sewer.

During the flushing process, it might come out black water because of the tiny carbon powder, it is normal phenomenon. Flush 8~10 minutes until the water becomes clear. (See pic 2)



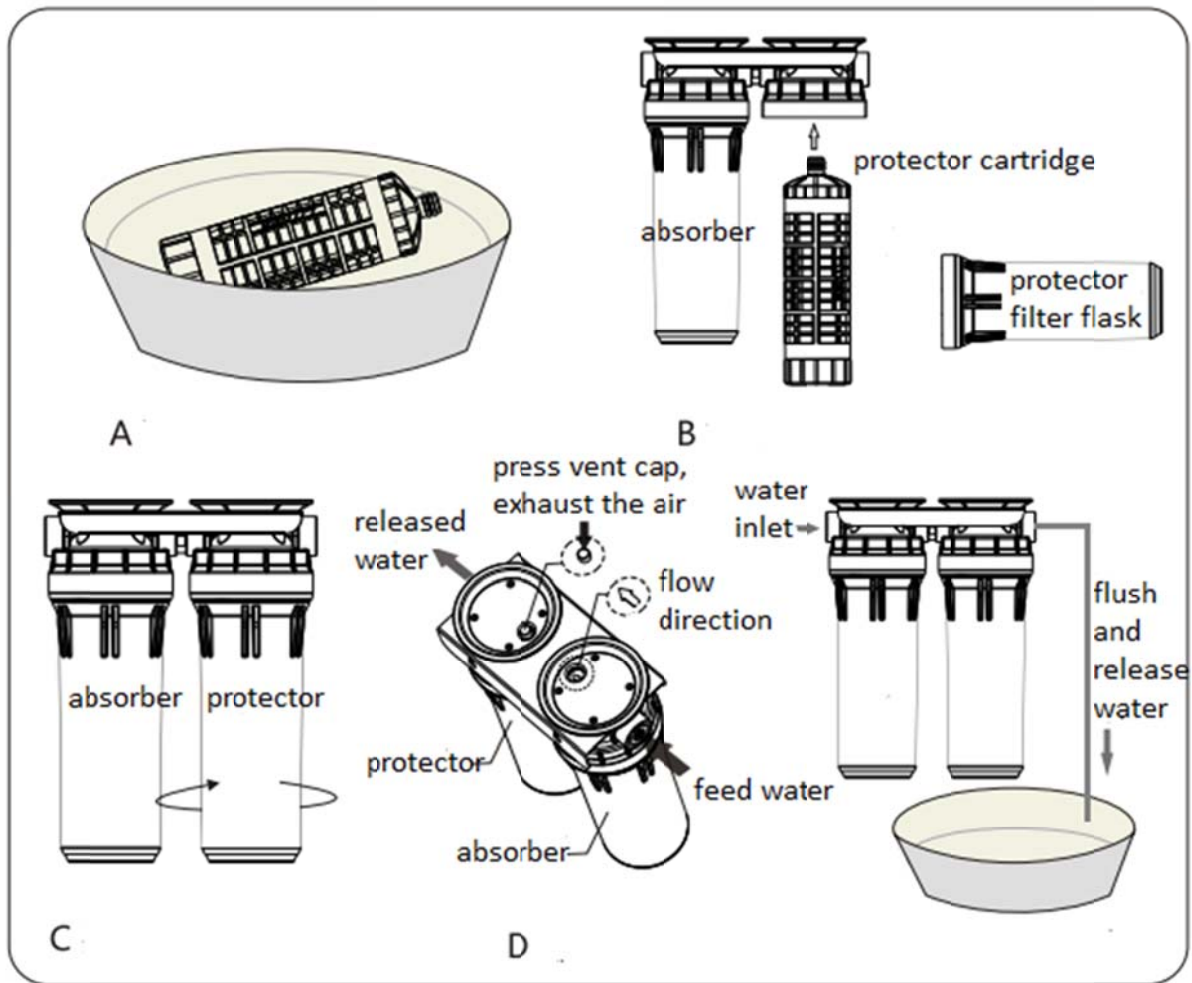
Pic 2 AC absorber flushing schematic

- A. Unscrew the filter flask, take out the cartridge
- B. Tighten the protector filter flask
- C. Connect with water inflow to flush

2) Wash UF membrane protector

Take a basin of tap water or purified water which can submerge the UF membrane protector, open the protector packaging and take out the cartridge. Submerge the cartridge into the water and rinse

3~5 times; put the cartridge in the protector filter flask, use special spanner to tighten the filter flask; connect the water inlet with water inflow, open the water inlet valve and close the water outlet valve, check if it leak; meanwhile press and hold the vent cap (near the clevis) on the top of the protector filter flask, exhaust the air in the filter flask; at last open the water outlet valve release the water to the basin or sewer. Flush 8~10 minutes until no disinfectant smell. (See pic 3)

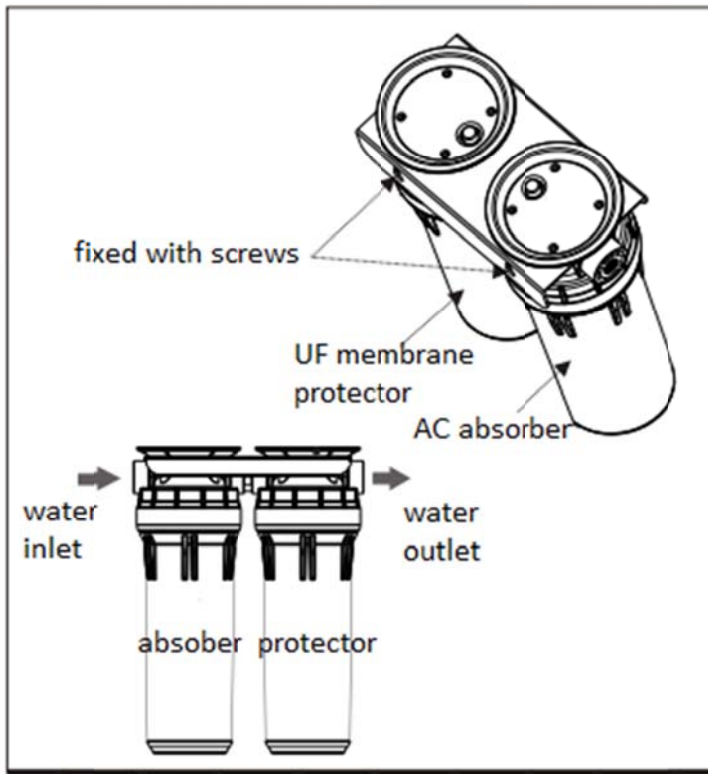


Pic 3 UF membrane protector flushing schematic

- A. Soak and rinse the protector cartridge
- B. Install the protector cartridge back to the water filter
- C. Tighten the protector filter flask
- D. Exhaust the air in the filter flask, flush with water inflow

3. Installation

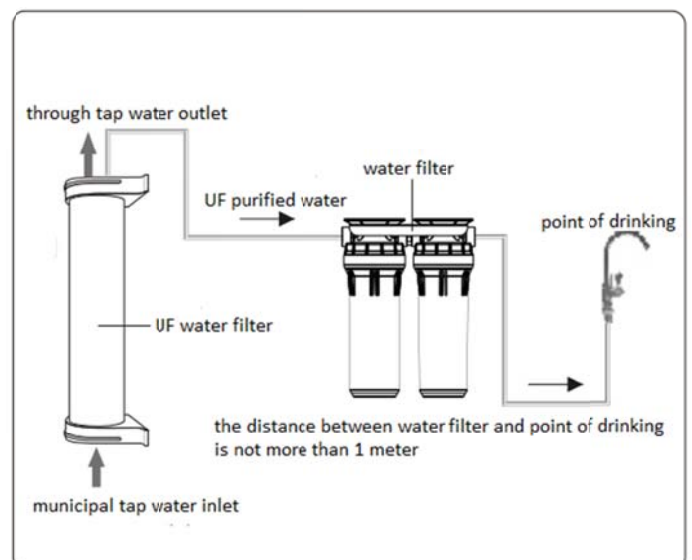
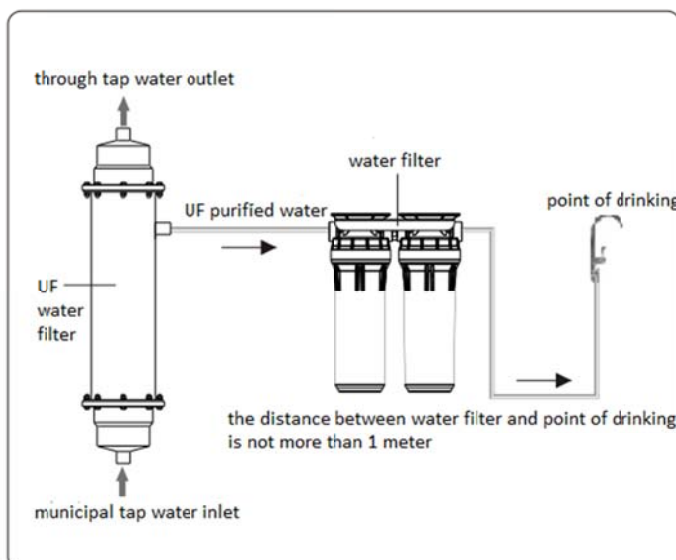
- 1) After cleaning the AC absorber and UF membrane protector, install this product in the cupboard or hang on the wall.
- 2) Wall-type installation: stick the product close to the wall; mark it on the wall with a pen in two hanging holes, and use the drill to drill the marked places on the wall; drive the expansion tubes in the holes, screw the product on.
- 3) It can be installed on the wooden fitting surface, no need to drill but to use screws.



Pic 4 Installation diagram

4. Connection with water filter and point of drinking water

This product suggest installing behind LITREE UF water filter, or in front of household drinking machine or drinking faucet, this can effectively prolong the product lifetime. After the product fixed, connect water inlet with UF water filter, connect purified water outlet with drinking machine or drinking faucet. (See pic 5)



Pic 5 Connection schematic

5. Usage Conditions and Performance Parameters

Model name	LH5-2 water filter
Dimension	240*112*321 mm
Purified water flux	1 L/min
Rated total purified water flow	1 m ³
Working pressure	0.08~0.35 MPa
Working temperature	5~45 °C
Required feed water quality	Municipal tap water
UF membrane filter cartridge	≥ 1 year
Activated carbon filter cartridge	≥ 3 months

6. Maintenance

In the condition of taking municipal tap water as raw water, the replacement cycle of cartridge is suggested as below:

Cartridge	Suggested replacement cycle
Stage 1 Activated carbon absorber	3 months
Stage 2 UF membrane protector	12 months

In the condition of taking UF purified water as raw water, the replacement cycle of cartridge is suggested as below:

Cartridge	Suggested replacement cycle
Stage 1 Activated carbon absorber	6 months
Stage 2 UF membrane protector	36 months

Warm tips: the replacement cycle above is estimated ideally as various water qualities in different areas. Please attention that the practical replacement cycle must be different based on different water quality.