



Household Filter Housing (HT) Instruction Manual



Content

© Notice	2-3
© Know Your Product	4
© Instructional Manual	5

Notice

1. Please follow the instruction manual to install and carry out a test for the housing.
2. This product is designed for filter equipment and used for water filtration only. Please do not use for other purposes to avoid danger.
3. This product is classified as a pressure vessel, and only professional or mechanical specialists can install and operate it.
4. Please read through the instruction manual before moving, installation and operation.
5. Please check the product and make sure that there are no any damages or components missing before installation. If the product is damaged, deformed or leaking, please stop operation.
6. Please choose the right cartridge filters for the water system before usage.
7. Please follow design specification to operate and take attention on the design pressure and operating pressure range.
8. The filter housing must be installed and fixed on the flat ground. Please do not install on the vibration ground.
9. Please do not open the top cover before installation and piping.
10. It is suggested to attach pressure control valve to keep stable water pressure to avoid sudden pressure change and result of leakage.

11. It may cause filter housing damage under sudden turn on and shut down of ball valve.

Moreover, to prevent damage caused by excess flow and reverse flow.

12. Be sure to release the internal pressure of the filter housing completely before filter cartridges replacement. Please be cautious of fluid ejection during high temperature usage.

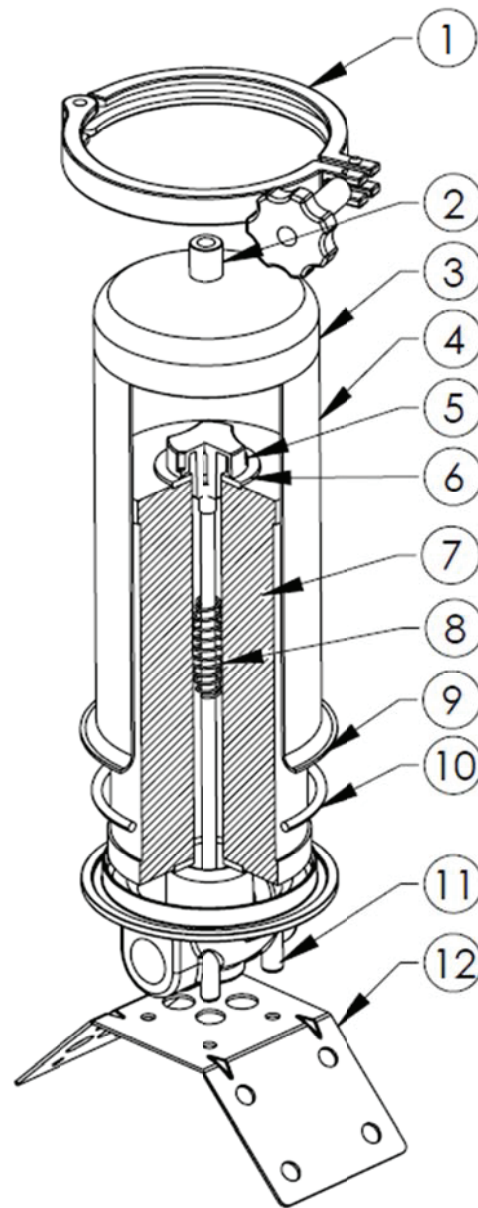
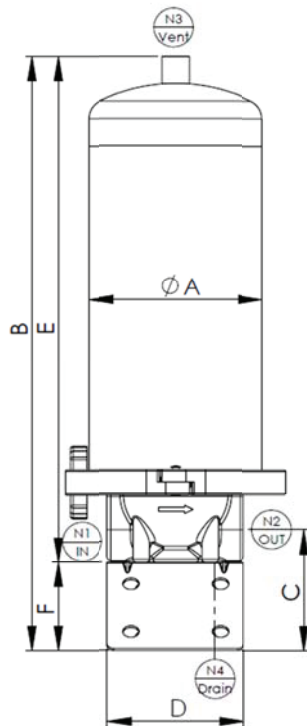
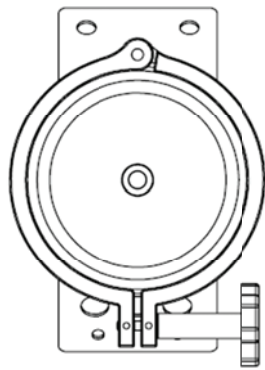
13. Please use the suitable O-ring and check it regularly. Please replace it if necessary.

Deterioration or damaged of O-ring may cause fluid leakage.

14. The internal plastics components will be deteriorated after long-term use. Please check it regularly and replace it if deterioration or damage is found

Know Your Product

No.	Description	No.	Description	No.	Description
1	Clamp	2	Vent	3	Bottom Cover
4	Shell	5	Nut	6	Gasket
7	Filter Cartridge	8	Screw Rod	9	Shell Flange
10	O-Ring	11	Head	12	Mounting Bracket



Instruction Manual

1. **Fixing The Filter Housing :**

- a. Fix the housing by using ⑫ mounting bracket on the wall or ground

2. **Piping :**

- a. Connect the water N1 port inlet and N2 outlet to the main pipe.
- b. Install the exhaust valve and pressure gauge on ②vent.

3. **Operate The Filter Housing And Install The Internal Parts :**

- a. Release ① clamp in clockwise direction, and take out ④ shell.
- b. Unfasten ⑤ nut in clockwise direction and remove. Insert the cartridge into the shell and fasten ⑤ nut in counterclockwise direction.
- c. Make sure ⑩ gasket is placed in the groove.
- d. Put ④shell from the top down in parallel and place on the top of ⑩gasket
- e. Clamp ⑨shell flange and ⑪head together and fasten nut tightly in clockwise direction

4. **Testing :**

Open ②port vent and pour water in. Close ②vent port when the water full out from vent port.

Check whether there is leakage.

5. **Stop Leaking :**

- a. Please close N1 inlet port、unfasten ②vent port to release internal pressure of the filter housing while liquid leakage occur.
- b. Unfasten ①Clamp, and fasten it tightly again.
- c. Open N1 inlet port and add pressure gradually to check if leakage occurs.
- d. Please open N1 inlet and N2 outlet ports to start filtration if no liquid leakage occurs.

6. **Stop Running :**

- a. To stop filtration operation, please close inlet and outlet ports first to stop the flow inside.
- b. Open the vent to release pressure slowly.
- c. To make sure internal pressure is released completely and then open the filter housing