

# FA High Flow Single Filter Cartridge Housing Instruction Manual



## Contents

◎ Notice.....	2 - 3
◎ Know Your Product.....	4
◎ Instruction Manual.....	5 - 6

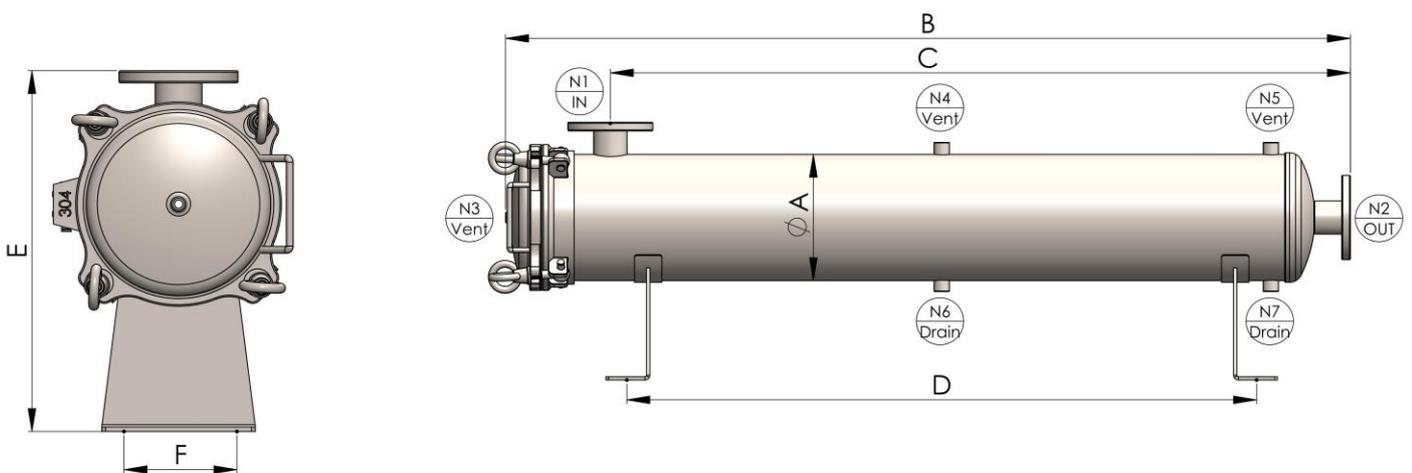
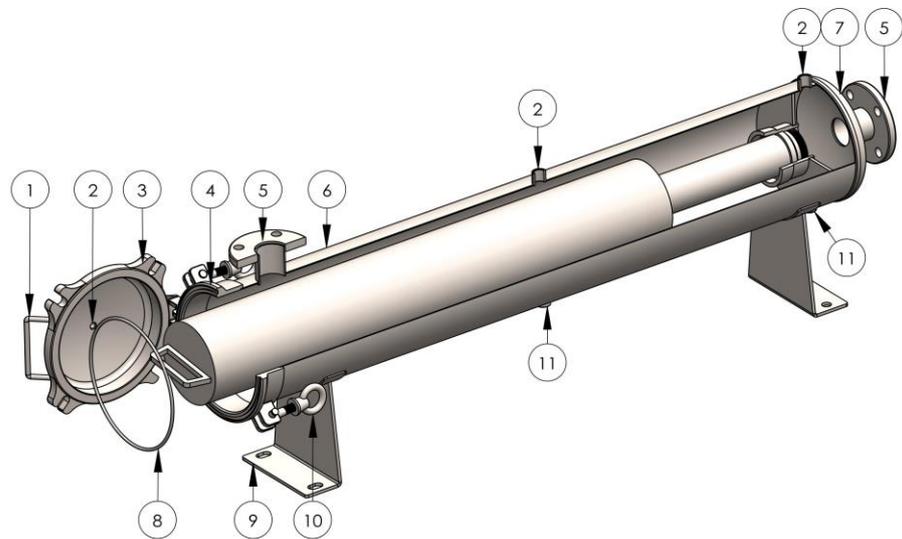
## Notice

1. Please install and test the housing according to the product instruction manual.
2. This product is designed for filter equipment used for water filtration only; please don't use it on other purpose to avoid danger.
3. This product is categorized as pressure vessel, only professional or well-trained person who can install and operate it.
4. Please read through the instruction manual before moving, installing and using this product.
5. Please check the product and make sure that there is no any damage or components lost before installing it. If the product was damaged, deformed or leaking, please stop using the housing.
6. Please make sure that if the fluid is suitable for the filter before using.
7. Please use the product according to the instruction manual and make sure that the design pressure and the operating pressure are in the required range.
8. The filter housing must be installed and fixed on the level ground. Please do not fix it on the uneven ground.
9. Please do not open the top cover randomly before piping.
10. Installing the pressure control valve is suggested to keep the water pressure from the suddenly increased/decreased water pressure happens.

11. Please avoid rapid switching of the ball valve and continuous countercurrent which may cause damage to filter and housing while using the product.
12. Be sure to relieve the pressure inside the filter housing completely before replacing filter cartridges.  
Please be cautious with the possibility of fluid ejection when it is at a high temperature.
13. Please use the suitable O-ring and check it regularly then replace it if necessary. Deterioration or damage of the O-ring may cause fluid leakage.
14. The internal plastics components will deteriorate by long-term use. Please check it regularly and replace it if deterioration or damage is found.

## Know Your Product

No.	名稱	Description	No.	名稱	Description	No.	名稱	Description
1.	把手	Handle	2.	排氣口	Vent	3.	上蓋	Top Cover
4.	桶唇	Shell flange	5.	出入水口	Port Inlet/Outlet	6.	桶體	Shell
7.	端板	Bottom cover	8.	O 型環	O-ring	9.	腳架	Support leg
10.	單眼螺絲組	Eye bolt	11.	排放口	Drain			



# Instruction Manual

## 1. Fix the filter housing :

- a. Adjust ⑨Support leg and put the filter housing into the proper position, then fix it on the ground or board.

## 2. Pipe :

- a. Connect ⑤Inlet and Outlet to the main pipe.
- b. Install the exhaust valve and pressure gauge at ②Vent.

## 3. Open the filter housing and installation :

- a. Open ②Vent to relieve pressure from the filter housing before opening the ③Top cover. To make sure the housing is completely empty by opening ⑪Drain.
- b. Loosen the ⑩Eye bolt on the cover and swing the ③Top cover out of position.
- c. Align and insert the filter cartridge on the center post. Push the cartridge into the housing until it is fully seated. To ensure proper cartridge seating, gently twist the handle back and forth while pushing the cartridge into the housing.
- d. Please be sure ⑧O-ring is in the groove before close the ③Top cover.
- e. After alignment, close the ③Top cover and fasten ⑩Eye bolt tightly.

#### 4. Testing :

- a. Close ⑪ Drain and open ② Vent.
- b. Pour in water until water comes out from ② Vent, and then close the vent valve.
- c. Keep the above step for 30 minutes and checks whether there is leakage point.

#### 5. Stop leakage :

- a. If the leakage was found, please close ⑤ Inlet and unfasten ② Vent to relieve the inner pressure.
- b. Align the ⑧ O-ring and fasten the ⑩ Eye bolt tightly again.
- c. Open ⑤ Inlet and increase pressure slowly and check if there is any leakage.
- d. If not, please open ⑤ Inlet and ⑤ Outlet to start working.

#### 6. Stop running :

- a. Please close ⑤ Inlet and ⑤ Outlet first, stop running water and open ② Vent.
- b. Please open the filter housing after relieving the internal pressure.