



TR Filter Cartridge Housing Instruction Manual



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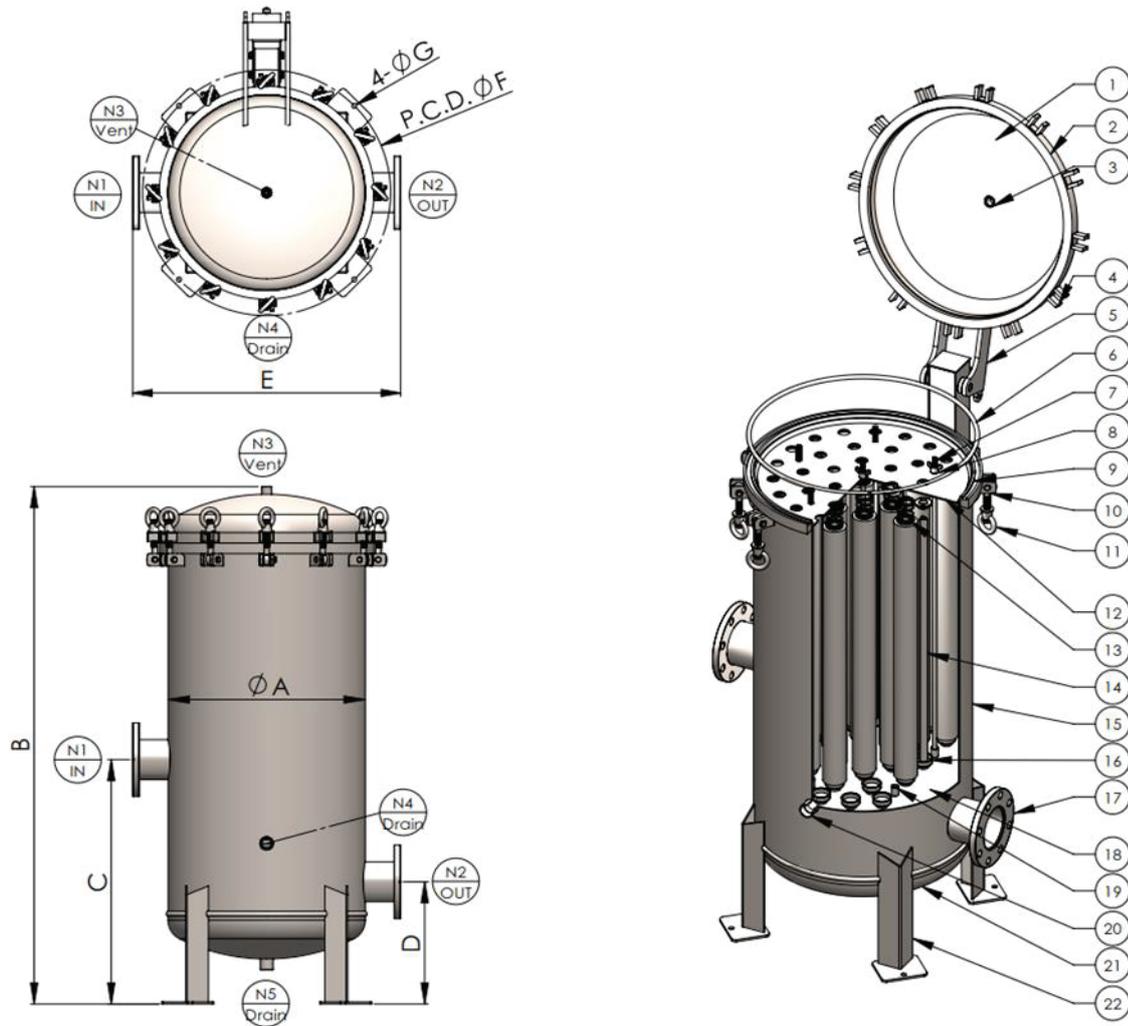
Notice

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.	Description	No.	Description	No.	Description
1	TopCover	2	Top Cover Flange	3	Vent
4	Eye Nut Socket	5	RaiseCover Units	6	O-ring
7	Threaded Rod	8	Nut	9	Shell Flange
10	Eye Bolt Socket	11	Eye Bolt	12	Pressure Plate
13	Springs	14	Cartridge Post	15	Shell Flange
16	Pedestal	17	Outlet	18	Cartridge Support Plate
19	Nut	20	Drain	21	Bottom Cover
22	Support Leg				



Instruction Manual

1. Fix the filter housing :

- a. Adjust ⑫ support leg and put the filter housing into the proper position, then fix it on the ground or board.

2. Pipe :

- a. Connect ⑰ Inlet and ⑰ Outlet to the main pipe.
- b. Install the exhaust valve and pressure gauge at ③ Vent.

3. Open the filter housing and install the internal parts :

- a. Loosen the ⑪ Eye bolt and open the ① Top cover. Take out the safety latch, which is attached on the ⑤ Raises cover unit, to fix the ① Top cover.
- b. After fixed the ① Top cover, please unfasten the ⑧ Nut, and take out ⑫ Pressure plate, ⑬ Springs.
- c. Align the center of the filter cartridge with the ⑭ Cartridge post and insert it. ⑬ Springs aim to the center of cartridge hole and place on the top of the cartridge (Spring cover downward)
- d. The holes of ⑫ Pressure plate aim to the ⑦ threaded rod and put it down in parallel. Please check if ⑬ Springs aimed to the leading hole.
- e. Fasten the ⑧ Nut in clockwise direction and the installation of the internal cartridge is done.
- f. Make sure ⑥ O-ring is in the groove.

- g. Take the safety latch back to the original place. Align the ①Top cover with ⑥O-ring and close it tightly.
- h. Align the center of the U-shape with ⑩Eye bolt socket and fasten ⑪Eye bolt tightly.

4. Testing :

- a. Close ⑳Drain, open ③Vent.
- b. Pour in water until water comes out from ③Vent, and then close the vent valve.
- c. Keep the above step for 30 minutes and checks whether there is leaking.

5. Stop leakage :

- a. If the leakage was found, please close ⑰Inlet and unfasten ③Vent to relieve the inner pressure.
Then fasten ⑪Eye bolt tightly again.
- b. Open ⑰Inlet and increase pressure slowly and check if there is any leakage.
- c. If not, please open ⑰Inlet and ⑰outlet to start working.

6. Stop running :

- a. Please close ⑰Inlet and ⑰Outlet first.
- b. Stop running water and open ③Vent.
- c. Please open the filter housing after relieving the inner pressure.