



SM Sanitary Cartridge Filter Housing Instruction Manual



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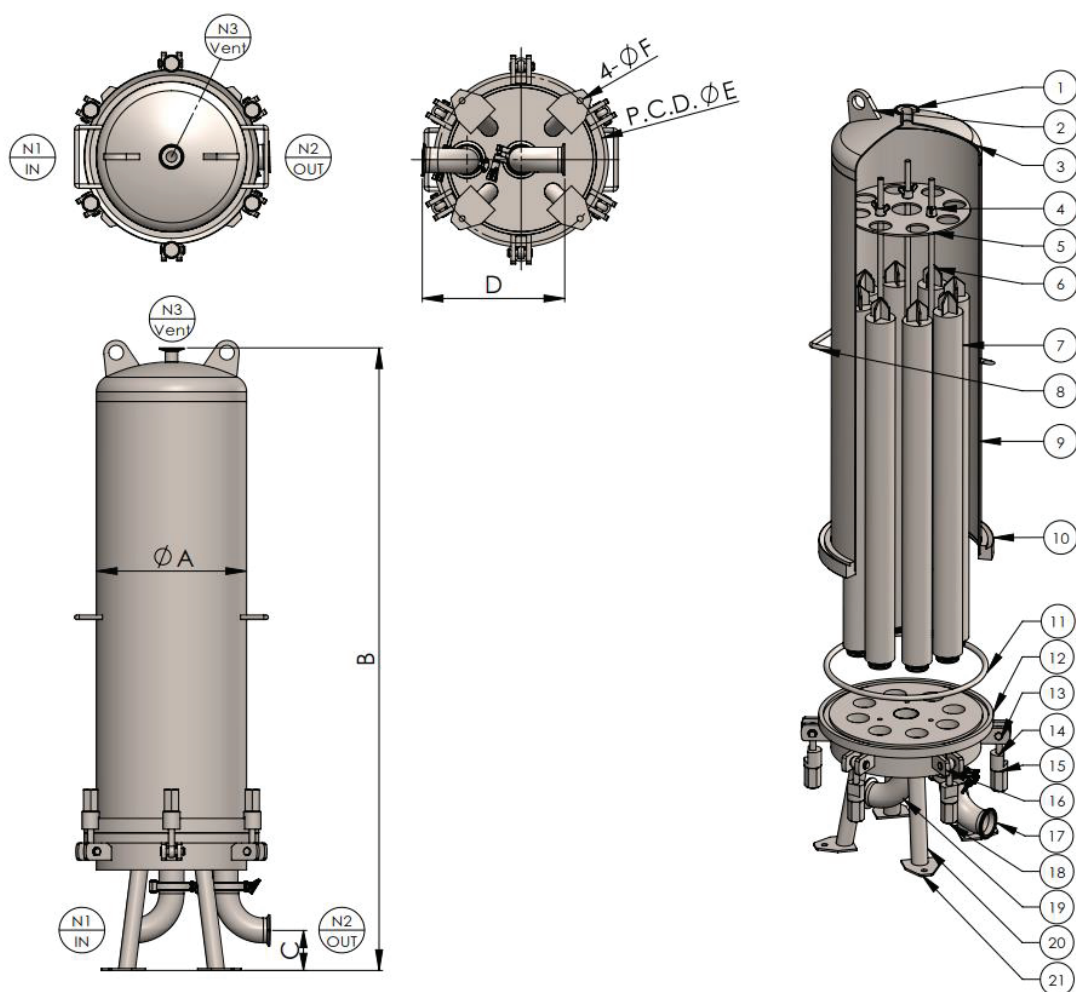
Notice

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	Vent	2	Lug	3	Top Cover
4	Nut	5	Pressure Plate	6	Center Post
7	Filter Cartridge	8	Handle	9	Shell
10	Top Cover Flange	11	O-Ring	12	Base
13	Spindle	14	Eye Bolt	15	Padlock
16	Eye Bolt Socket	17	Outlet	18	Nut
19	Inlet	20	Support Leg	21	Leg Base Plate



Instruction Manual

1. Fix :

- a. Adjust 20 Support leg and put the filter housing into the proper position, then fix it on the ground or board.

2. Pipe :

- a. Connect the 19 Inlet and 17 Outlet to the main pipe.
- b. Install the exhaust valve and pressure gauge at the 1 Vent.

3. Open the filter and install the internal parts :

- a. Unfasten the ⑱Nut and remove it. Lift up and remove ⑨Shell. Fasten the ⑥Center post and aims to the center with cartridge and insert it. Put ⑤pressure plate and fasten the ④Nut. The installation of the internal cartridge is done.
- b. Check the ⑪O-ring; be sure it is in the groove.
- c. Put 9 Shell from the top down in parallel and place on the top of ⑪O-ring. Buckle up ⑮Padlock with 10 Shell flange tightly.

4. Testing :

- a. Open the 1 Vent and pour the water in until water comes from 1 Vent.
- b. Check the exhaust valve at 1 Vent.
- c. Keep the above step for 30 minutes and checks whether there is leaking.

5. Stop leaking :

- a. If the leakage was found, please close 19 Inlet and loosen 1 Vent to relieve the inner pressure.
- b. Unfasten the ⑱nut and reinstall internal components. Open ⑲Inlet, increase pressure slowly and check if any point is leaking.
- c. If not, please open ⑲Inlet and 17 Outlet to start working.

6. Stop running :

- a. Please close ⑲Inlet and 17 Outlet first.
- b. Stop running water and open 1 Vent.
- c. Please open the filter housing after relieving the inner pressure.