



PPT Series

PPH Plastic Single Size #2 Bag Filter Housing

Description



PPT Series Top Entering Type PPH Plastic Single Bag Filter Housing, equipped with standard size #2 ($\Phi 7'' \times 32''$) filter bag. The PPH plastic bag housing is designed and manufactured according to the international standard, which can match the filter bags of international famous brands (such as EATON, FSI, PALL, etc.). The body of plastic bag housing adopts a one-piece design, the structure is firm and reliable, and there is no welding point, which completely solves the concern of liquid leakage. Increase the space design of the inner wall of the mesh basket and the bucket and the bottom of the mesh basket and the bucket, so that the liquid filtration channel is more unobstructed, thereby reducing the energy consumption of the pump. PPH bag filter housing contains UV-resistant material, light weight, durable, suitable for use in various climates, and has good corrosion resistance to most chemicals.

Features

- Acid and alkali resistant and high temperature resistant, PPH bag filter housing has good corrosion resistance to most chemicals
- The water inlet and outlet are connected by flange, which is sturdy and durable, and can be used with international standard pipe flanges
- This bag housing is designed and manufactured according to the international standard, which can match with the size #2 ($\Phi 7'' \times 32''$) filter bag
- The excellent sealing design of the mesh basket, the inner wall of the bucket, the ring mouth of the filter bag and the inner wall of the mesh basket prevents leakage inside the bucket
- The polished barrel wall design can not only prevent the liquid medicine from crystallizing on the barrel wall, but also facilitate manual cleaning, and it is convenient and quick to replace the filter bag

Specification

Housing Material	PPH (Polypropylene Homopolymer)
Housing Direction	Vertical
Bag Size	Size #2: $\Phi 7'' \times 32'' L (\Phi 180 \times 810 \text{mm})$
Number of Bag	Single
Housing Thickness	16mm
Filtration Rating	1 μm - 800 μm
Connection	Top Port and Side Port
Inlet/Outlet Type	Flange
Inlet/Outlet Size	DN65
Sealing Type	Screwing Cap Type
Seal Material	Viton

Application

- Desalination
- Petrochemical
- Industrial Waste
- Electronics Industry
- Biological Engineering
- Electroplating Industry
- Pharmaceutical Industry

Operation Data

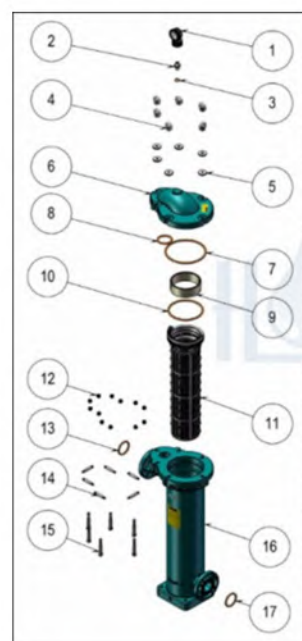
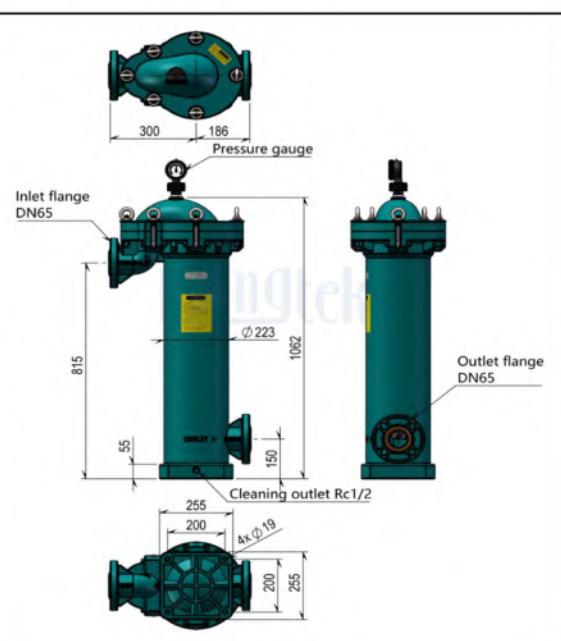
Operation Data for PPH Single Bag Filter Housing

Max. Temperature	90°C
Max. Pressure	116psi (8bar)
Liquid Flow Direction	Top entering and side out
Flow Rate	Size #2 ($\Phi 7'' \times 32''$): 40m ³ /h
Filtration Area	Size #2 ($\Phi 7'' \times 32''$): 0.5m ²
Bag Housing Capacity/Weight	Size #2 ($\Phi 7'' \times 32''$): 32L/24.2KG

Tech Support

Components & Drawing of PPT Series PPH Bag Filter Housing

Components	Main material	
1	Pressure gauga	Need or not
2	Pressure gauga joint	PP
3	O-ring	FKM
4	Rings nut	SS316
5	Spacer	SS316
6	Upper cover	PPH
7	Housing O-ring	FKM
8	lutlet O-ring	FKM
9	Pressure ring	PPH
10	Basket O-ring	FKM
11	Basket O-ring	PPH
12	Nut	PPH
13	Filter inlet o-ring	FKM
14	Screw	SS316
15	Screw	SS316
16	Filter Housing	PPH
17	Outlet O-ring	FKM

Order Information

PPT	Bag Dimensions	Number of Bag	Inlet/Outlet Size (Flange)
PPT Series PPH Single Bag Filter Housing - Top Entering Type	S2 = Size #2 ($\Phi 7'' \times 32''$)	1 = 1pc	N65 = DN65

For Example:

PPT-S2-1-N65

PPT Series Top Entering Type PPH Single Bag Filter Housing - Size #2: $\Phi 7'' \times 32''$ - 1pc - DN65

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