



### ***Uninterrupted filtration in all field !***

**Filternox®** PFH models are standard piston type, and their inlet-outlet range varies from 4" to 10" and their capacity range varies 100 m<sup>3</sup>/hour to 400 m<sup>3</sup>/hour.

**Filternox®** PFH models with their special stainless steel mesh provide larger filtration area compared to competitive devices.

**Filternox®** PFH models, with their stainless steel structure, hydraulic pressure operation without requiring any additional power, manual coarse screen and automatic self-cleaning fine screen provide better performance in all industrial applications as well as in irrigation and water treatment fields.

# PFH

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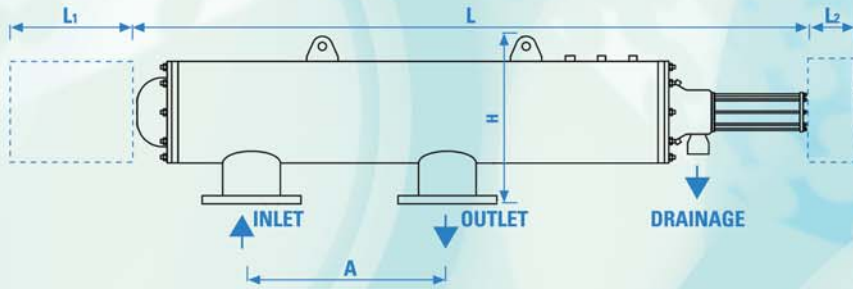
### FINE SCREEN RANGE

Micron 15 30 40 50 80 100 120 150 200 300 400 800 1500 3000

## General Technical Specifications

- Body Material : AISI 304 L (316 L optional)
- Screen Material : AISI 316 L
- Max. Operating Pressure : 10 bar
- Min. Inlet Pressure Required : 2 bar
- During Back-Flush : 2 bar
- Max. Operating Temperature : 60 °C
- Headloss at Max. Flow Rate : 0.2 bar
- Approximate Back-Flush Time : 20-30 sec. max.
- Approximate Back-Flush Water Consumption : 150-200 l/back-flush
- Control System : Hydraulic or Electric

For high pressure high temperature and different materials, custom made filters can be produced.



### Standard PFH Models

MODEL	Diameters Inlet / Outlet		Max. Flow Rate (m <sup>3</sup> /h)	Surface Area (cm <sup>2</sup> )	A Min. (mm)	L (mm)	L <sub>1</sub> (mm)	L <sub>2</sub> (mm)	H (mm)	Weight (Kg)	
	(inch)	(DN)								Full	Empty
PFH 110404	4	100	100	4800	900	1970	1300	500	455	175	95
PFH 110604	4	100	100	7200	900	2445	1700	500	455	220	110
PFH 110406	6	150	120	4800	900	1970	1300	500	455	190	105
PFH 110606	6	150	140	7200	900	2445	1700	500	455	235	120
PFH 112406	6	150	180	4800	900	2055	1300	500	535	275	115
PFH 112606	6	150	200	7200	900	2585	1700	500	530	300	135
PFH 112608	8	200	320	7200	900	2585	1700	500	530	310	140
PFH 112610	10	250	400	7200	900	2585	1700	500	535	325	150

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