



AUTOMATIC SELF-CLEANING FILTER

[www.filternox.com](http://www.filternox.com)

# PFH

## Standard Models With Piston



## Uninterrupted Filtration in All Field

**Filternox**<sup>®</sup> PFH models are standard piston type, and their inlet-outlet range varies from 2" to 18" and their capacity range varies from 15 m<sup>3</sup>/h to 1200 m<sup>3</sup>/h.

**Filternox**<sup>®</sup> PFH models with their special stainless steel screen provide larger filtration area compared to competitive devices.

**Filternox**<sup>®</sup> PFH models, with their stainless steel structure, hydraulic control 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

## General Technical Specifications

<b>Body Material</b>	: AISI 304L (AISI 316L optional)	<b>Headloss at Max. Flow Rate</b>	: 0.2 bar
<b>Screen Material</b>	: AISI 316L	<b>Appr. Back-Flush Time</b>	: max. 20-30 sec.
<b>Max. Operating Pressure</b>	: 10 bar (16-25 bar optional)	<b>Appr. Back-Flush Water Consumption</b>	: 100-200 l/back-flush
<b>Min. Inlet Pressure Required</b>		<b>Control System</b>	: Hydraulic or Electric
<b>During Back-Flush</b>	: 2 bar	<b>Fine Screen Range</b>	: 10 - 3000 micron
<b>Max. Operating Temperature</b>	: 60°C (90°C optional)		

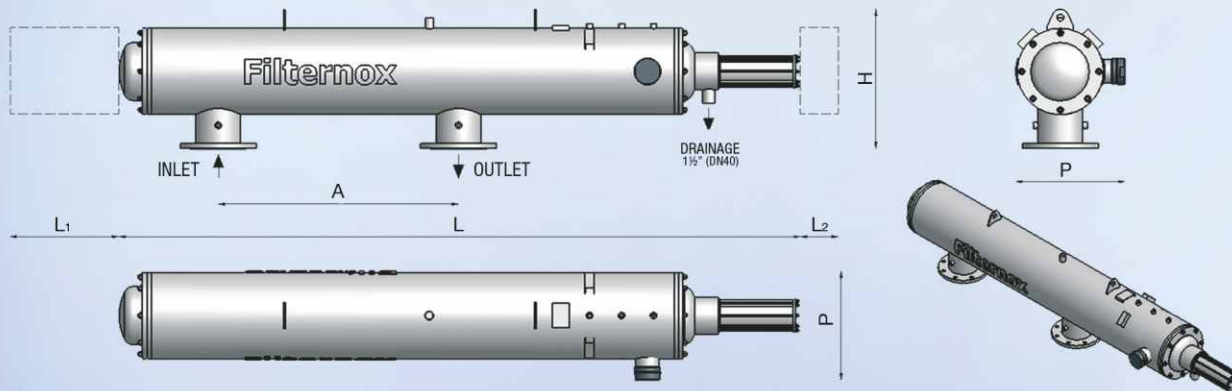
For low pressure (0.5-2bar) and different materials, custom made filter can be produced.

For larger surface area, please contact to the Filternox® local representatives.

## Standard PFH Models

Model	FLOW RATE (m³/h)	SURFACE AREA (cm²)	INLET-OUTLET DIAMETER		DIMENSIONS						WEIGHT	
			(inch)	(mm)	A	L	L1	L2	H	P	(Empty) (kg)	(Full)
PFH 110202	15-25	2400	2	50	450	1531	900	200	468	369	70	142
PFH 110404	40-100	4800	4	100	900	1931	1300	200	468	369	95	175
PFH 110604	60-120	7200	4	100	900	2431	1700	200	468	369	110	220
PFH 110406	40-130	4800	6	150	900	2031	1300	200	478	369	105	190
PFH 110606	60-160	7200	6	150	900	2431	1700	200	478	369	120	235
PFH 112406	40-160	4800	6	150	900	2031	1300	200	529	394	115	275
PFH 112606	60-200	7200	6	150	900	2531	1700	200	529	394	135	300
PFH 112608	80-320	7200	8	200	900	2531	1700	200	529	402	140	310
PFH 114608	100-360	9600	8	200	900	2670	1800	200	561	431	170	360
PFH 112610	100-400	7200	10	250	900	2531	1700	200	549	430	150	325
PFH 114610	120-500	9600	10	250	900	2670	1800	200	581	446	180	370
PFH 114612	140-600	9600	12	300	900	2670	1800	200	611	471	185	395
PFH 116614	160-750	12000	14	350	1200	2670	1800	200	661	526	210	430
PFH 118616	200-1000	14400	16	400	1250	2913	1800	200	712	581	240	475
PFH 120618	250-1200	16200	18	450	1250	2926	1800	200	763	632	265	515

Dimensions and technical specifications are only for information. Antel-Filternox® reserves the right to modify them. Please contact Antel-Filternox® or local representative for actual and detailed information.



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