HYDRAULIC FILTER HF-150

The HF-150 self-cleaning mesh filter is a filtration system designed to operate continuously without the need for electrical power, using the system's hydraulic pressure and a cleaning manifold with suction nozzles close to the mesh. Self-cleaning is automatically activated when a preset pressure differential is reached.







MATERIAL CHARACTERISTICS

Body: Carbon steel

Mesh: Stainless steel 316

Lids: Polypropylene (PP)

Cleaning nozzles: Polymer.

External coating: Heavy weight epoxy paint

PERFORMANCE CHARACTERISTICS

Cleaning type: Hydraulic suction

Cleaning activation: Automatic by differential pressure, time or manual

Maximum working pressure: 10 bar

Minimum pressure for self-cleaning: 2.5 bar

Working flow: From 100 m³/h to 320 m³/h, depending on model

MODELS

CODE	SIZE	FLANGE	FLOW RATE (M3/H)	PRESSURE MAXIMA	PRESSURE MINIMUM	CTM 2	RRP (€)
12051010	4" S	100	100	8 BAR	2.5 BAR	3951	**3100**
12051011	6"	150	180	8 BAR	2.5 BAR	5268	**4800**
12051012	6"S	150	220	8 BAR	2.5 BAR	7902	**5900**
12051013	8"	200	320	8 BAR	2.5 BAR	7902	**6600**

ACCESSORIES



CLEANING SCHEDULER		
CODE	VOLTAGE	RRP (€)
12042003	LATCH	**390**

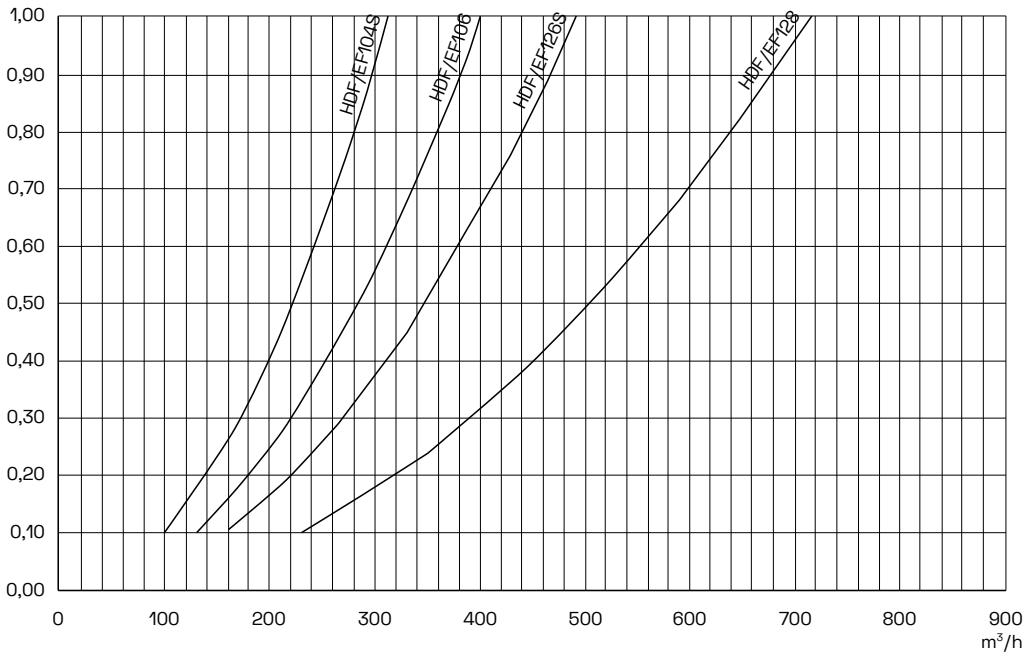


LONG DISTANCE SOLENOID		
CODE	MODEL	RRP (€)
11021039	LATCH	**48**

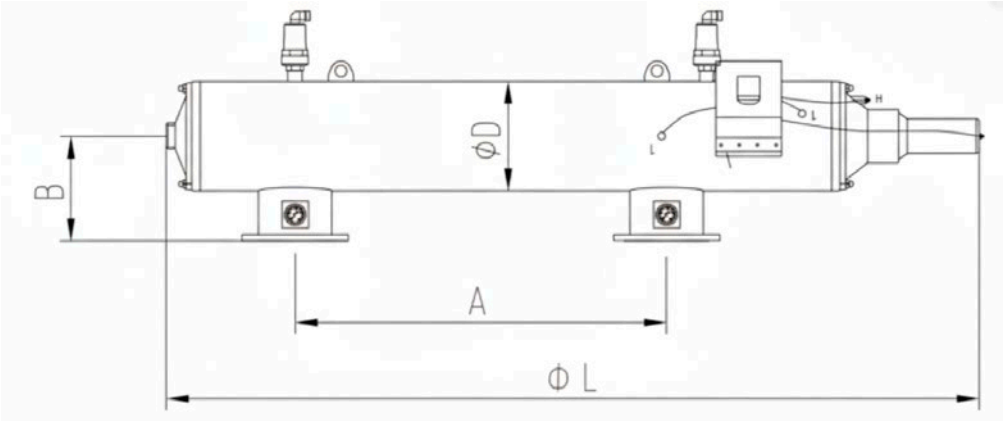


butterfly valve
SEE PAGE

PRESSURE LOSS



DIMENSIONS



CODE	SIZE	FLANGE	A (MM)	B (MM)	L (MM)	D (INCH)		SURFACE (CM²)	Weight (kg)
12051010	4" S	100	600	287	1800	10	4,1	3951	81
12051011	6"	150	900	287	2110	10	5	5268	93
12051012	6" S	150	1100	312	2510	12	6,6	7902	130
12051013	8"	200	1100	312	2510	12	6,6	7902	133

FILTRATION TABLE

MODEL	HIGH QUALITY	MEDIUM QUALITY	LOW QUALITY
4S	80 m3/h	60 m3/h	40 m3/h
6"	100 m3/h	80 m3/h	70 m3/h
6"S	160 m3/h	110 m3/h	90 m3/h
8	190 m3/h	130 m3/h	110 m3/h