HYDRAULIC FILTER HF-100

The HF-100 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: Technical polymer

External coating: Heavy weight epoxy paint

PERFORMANCE CHARACTERISTICS

Type of cleaning: Hydraulic suction.

Cleaning activation: Automatic by differential pressure, time or manual

Maximum working pressure: 10 bar

Minimum pressure for self-cleaning: 2.5 bar

Filtration degree: Available 130 microns

Installation: Vertical

MODELS

CODE	SIZE	FLANGE	M3/H	PRESSURE MAXIMA	PRESSURE MINIMUM	CTM 2	RRP (€)
12050004	3"	80	40	8 BAR	2.5 BAR	1317	2010
12050005	3"S	80	50	8 BAR	2.5 BAR	1975	2320
12050006	4"	100	70	8 BAR	2.5 BAR	1975	2598

ACCESSORIES





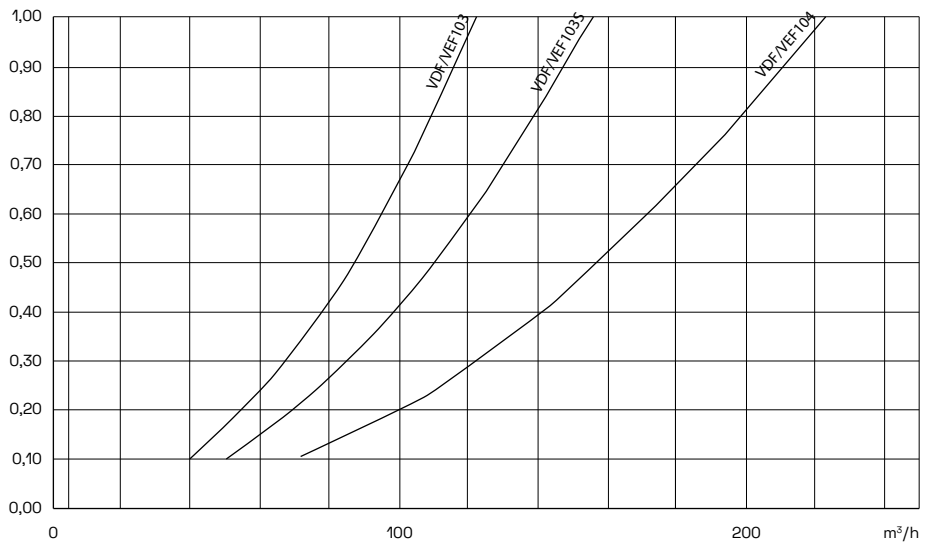


CLEANING SCHEDULER		
CODE	VOLTAGE	RRP (€)
12042003	LATCH	**390**
12042004	24V/AC	**415**

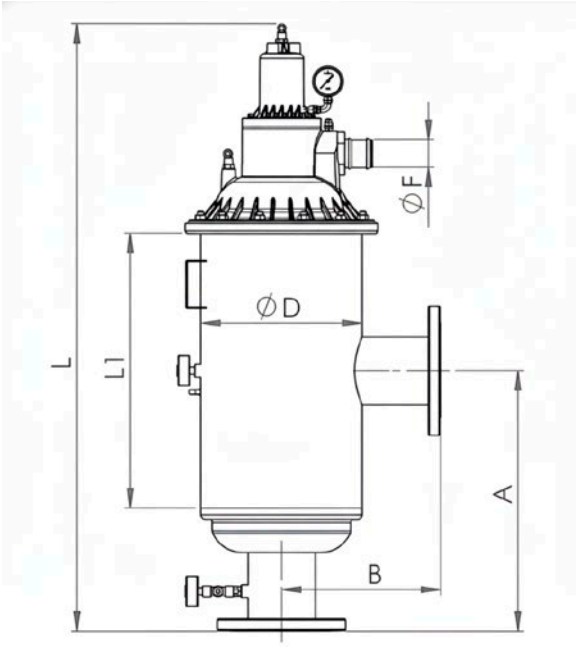
LONG DISTANCE SOLENOID		
CODE	MODEL	RRP (€)
11021039	LATCH	**48**
11021032	LATCH	**48**
11021038	24/AC	**52**

butterfly valve
SEE PAGE

PRESSURE LOSS



DIMENSIONS



SIZE	FLANGE	A (MM)	B (MM)	L1 (MM)	L (MM)	D (INCH)	F (INCH)	WASHING (M³/H)	FLOW RATE MAX (M³/H)	SURFACE (CM²)	Weight (kg)
3"	80	390	270	365	920	10	2	12	40	1317	35
3"S	80	440	270	465	1020	10	2	18	50	1975	40
4"	100	440	270	465	1020	10	2	18	70	1975	45

FILTRATION TABLE

MODEL	HIGH QUALITY	MEDIUM QUALITY	LOW QUALITY
3"	50 M3/H	30 M3/H	20 M3/H
3"S	70 M3/H	50 M3/H	30 M3/H
4"	80 m3/h	60 m3/h	40 m3/h