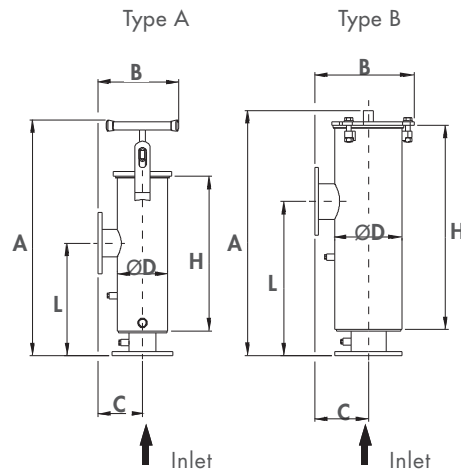
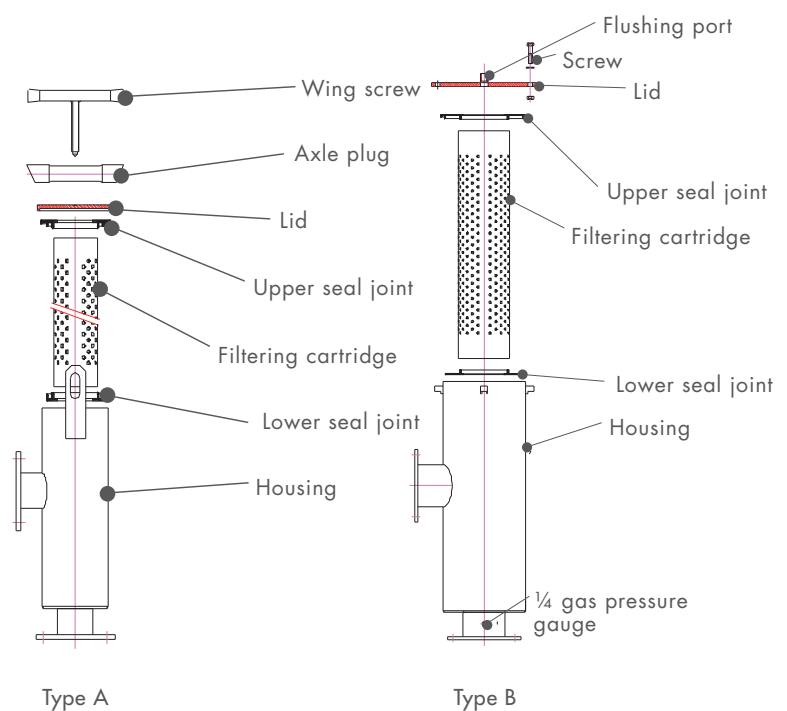


L pattern steel filters



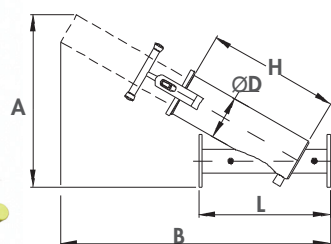
Model	Connection	Filtering surface (cm ²)	Flow rate (m ³ /h) drip & disc cartridge	Flow rate (m ³ /h) sprinkler cartridge	Dimensions (mm)						Type	Weight (kg.)
					C	L	D	H	A	B		
FL-2	Thread 2"	1498	20	24	140	350	165	377	605	255	A	12
FL-3	Flange 3"	2004	40	48	145	365	165	502	750	265		19
FL-4 Ø165	Flange 4"	2960	80	96	150	500	165	749	1015	265		23
FL-4 Ø220	Flange 4"	3120	100	120	175	500	220	659	800	320	B	32
FL-5	Flange 5"	3120	100	120	175	500	220	659	800	320		34

- PVC cartridge with molded plastic tube that supports an AISI 316 stainless steel screen for filtration degrees up to 125 microns.
- AISI 304 stainless steel cartridge with a 2 mm coarse screen
- Polypropylene disc cartridge for filtration degrees up to 130 microns (water flows in opposite direction to the screen).

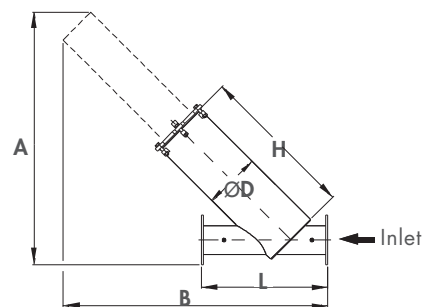


STEEL FILTERS

Y pattern steel filters



Type A



Type B

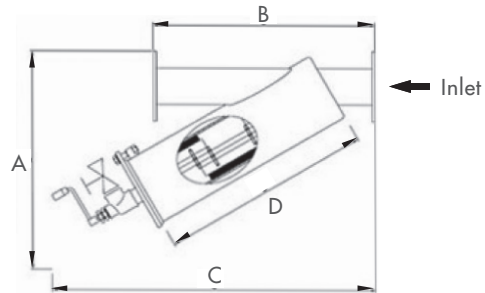
Model	Connection	Filtering surface (cm ²)	PVC cartridge and discs cartridge flow (m ³ /h)	Stainless steel cartridge Flow rate (m ³ /h)	Dimensions (mm)					Type	Weight (kg.)
					L	D	H	A	B		
FY-2	Thread 2"	1498	20	24	450	165	377	550	780	A	13
FY-3	Flange 3"	2004	40	48	495	165	502	680	1025		20
FY-4-165	Flange 4"	2960	80	96	695	165	749	935	1565		26
FY-4-220	Flange 4"	3120	100	120	695	220	659	860	1345		35
FY-5	Flange 5"	3120	100	120	695	220	659	870	1345	B	37
FY-6	Flange 6"	5456	150	180	725	323	894	1500	1560		66
FY-8	Flange 8"	11028	300	360	1000	406	1133	1905	2055		136
FY-10	Flange 10"	13696	400	480	1000	406	1408	2300	2450		162
FY-12	Flange 12"	17120	475	570	1250	457	1674	2300	3135		228

- AISI 304 stainless steel cartridge with a 2 mm coarse screen.
- PVC cartridge with molded plastic tube that supports an AISI 316 stainless steel screen for filtration degrees up to 125 microns
- Polypropylene disc cartridge for filtration degrees up to 130 microns (water flows in opposite direction to the screen).



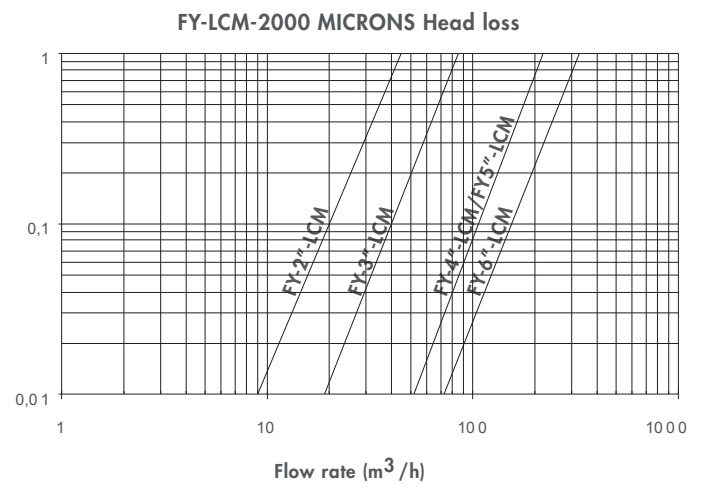
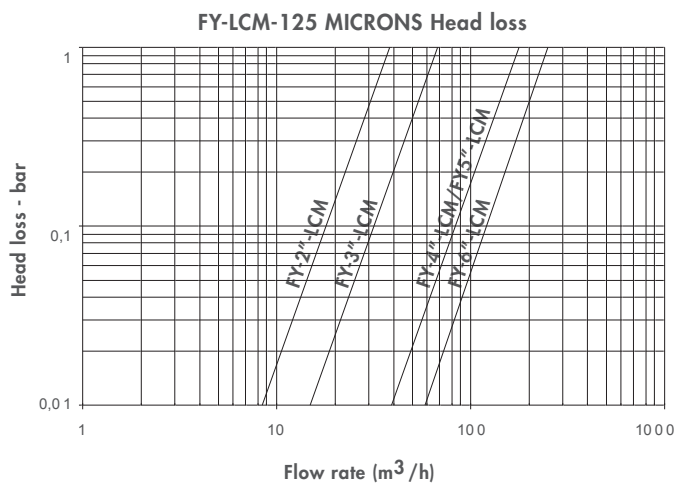
Note: Other filtration degrees available on demand.

Y pattern steel filters with manual brush



Model	Connection	Filtering surface (cm ²)	PVC cartridge flow rate (m ³ /h)	Stainless steel cartridge flow rate (m ³ /h)	Dimensions (mm)				Weight (kg.)
					A	B	C	D	
FY-2-LCM	Thread 2"	1498	20	24	495	450	690	377	20
FY-3-LCM	Flange 3"	2004	40	48	588	495	830	502	24
FY-4-LCM	Flange 4"	3120	100	120	672	695	1.004	659	36
FY-5-LCM	Flange 5"	3120	100	120	672	695	1.004	659	41
FY-6-LCM	Flange 6"	5456	150	180	1000	725	1.120	895	72

Y pattern filters head loss

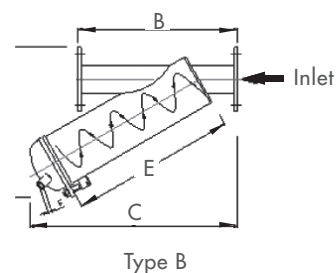
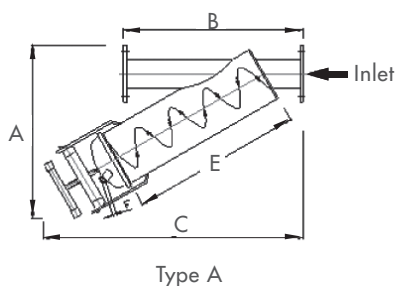


Standard technical data

- Manufacturing materials:
 - _ Carbon steel housing
 - _ Joints and bolts bichromate quality 5.6 and 5.8
 - _ PVC cartridge with molded plastic tube that supports an AISI 316 stainless steel screen for filtration degrees up to 125 microns.
 - _ AISI 304 stainless steel cartridge with a 2 mm coarse screen
- Surface treatment:
 - _ Surface blasting up to degree SA 2 1/2
 - _ Epoxy-polyester powder coating
- Maximum working pressure: 10 bar (Ask STF-Filtros for other working pressures availability)

Note: Other filtration degrees available on demand.

Y pattern steel filters with cyclone effect



Model	Connection	Filtering surface (cm ²)	PVC & Disc cartridge flow rate (m ³ /h)	St. Steel cartridge flow rate (m ³ /h)	Dimensions (mm)				Type	Weight (kg.)
					A	B	C	D		
FY-2-CIC	Thread 2"	1498	38	38	488	450	693	377	A	14
FY-3-CIC	Flange 3"	2004	55	55	583	495	837	502		21
FY-4-CIC	Flange 4"	3120	65	65	672	695	1.004	659		41
FY-5-CIC	Flange 5"	3120	65	65	672	695	1.004	659		42
FY-6-CIC	Flange 6"	5456	115	115	938	725	1.003	895	B	66

Note: Other filtration degrees available on demand.



Standard technical data

- Manufacturing materials:
 - _ Carbon steel housing
 - _ Joints and bolts bichromate quality 5.6 and 5.8
 - _ PVC cartridge with molded plastic tube that supports an AISI 316 stainless steel screen for filtration degrees up to 125 microns.
 - _ AISI 304 stainless steel cartridge with a 2 mm coarse screen
- Surface treatment:
 - _ Surface blasting up to degree SA 2 1/2
 - _ Epoxy-polyester powder coating
- Maximum working pressure: 10 bar (Ask STF-Filtros for other working pressures availability)

Note: Other non-standard specifications on demand.

Operation principle

- In metallic filters Y pattern, cyclonic effect, three processes are carried out to improve the filtration efficiency:
 - _ Coarse particles are separated by centrifugal effect.
 - _ Filtration through the stainless steel screen
 - _ Cartridge continuous backwashing, which is produced by the incidence of pressurized water in helical trajectory throughout the filtering cartridge surface.