

Y-Strainer

Series FY / FY-LCM



Data-Sheet

DN 50 (2") – DN 300 (12")

Stand 02.2018

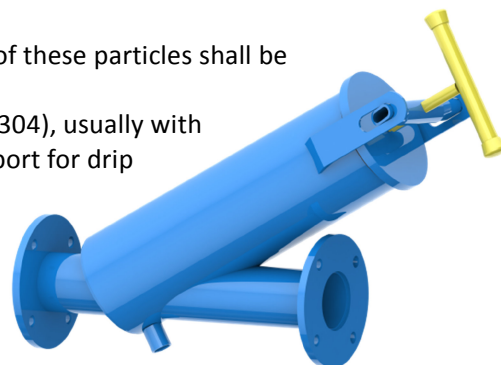


General

Filtration is produced by the retention of particles on suspension. The size of these particles shall be superior to the holes of screen.

Filtration cartridge is composed of a perforated stainless steel screen (AISI-304), usually with 2 mm holes for sprinkler irrigation and 125 micron (AISI-304) with PVC support for drip irrigation. Under request, can be manufactured with other different filtration degrees.

At inlet and outlet exists plugs for manometer $\frac{1}{4}$ ".



General safety instructions



- To prevent accidents, the installation, connection and commissioning may only be carried out by authorized and qualified personnel.



Note:

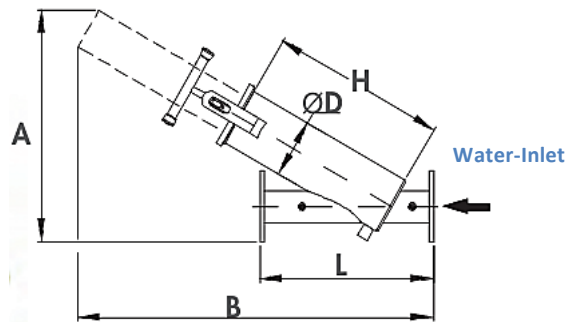
- When installed in open air, the filter must be protected from frost.
- The flow depends on the dirt load and fineness.

Product-details

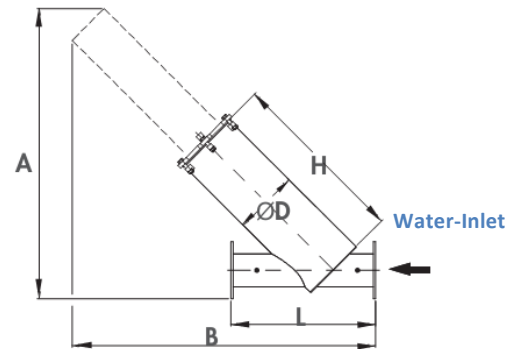
Model	FY-2	FY-3	FY-4-165	FY-4-220	FY-5	FY-6	FY-8	FY-10	FY-12
Inlet/Outlet	DN 50 Thread 2"	DN 80 Flange 3"	DN 100 Flange 4"	DN 100 Flange 4"	DN 125 Flange 5"	DN 150 Flange 6"	DN 200 Flange 8"	DN 250 Flange 10"	DN 300 Flange 12"
Working pressure	10 bar (16 bar on request)								
Temperature	50 °C (95 °C on request)								
Max. Flow	20 m³/h	40 m³/h	80 m³/h	100 m³/h	125 m³/h	150 m³/h	300 m³/h	400 m³/h	475 m³/h
Screen area	1.498 cm²	2.004 cm²	2.960 cm²	3.120 cm²	3.120 cm²	5.456 cm²	11.028 cm²	13.696 cm²	17.120 cm²
Dimension (mm)	450	495	695	695	695	725	1.000	1.000	1.250
Weight empty (kg)	13	20	26	35	37	66	136	162	228
Filtration degree	100, 125, 200, 500, 1000, 2000 µm (other on request)								
Materials									
Filter housing	Carbon steel S-235-JR, Epoxi-Polyester (Stainless steel on request)								
Screen	Stainless steel AISI 316 on PVC-Support, Stainless steel AISI 304								
Seals	EPDM								
Screws	Double chrome quality, 5.6 and 5.8								
Filter lid	Carbon steel S-235-JR, Epoxi-Polyester								

Dimension

Type A



Type B

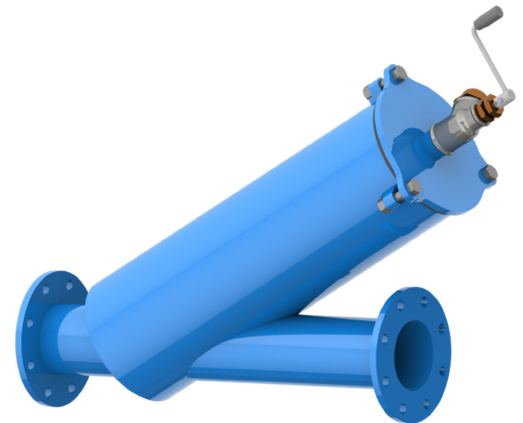
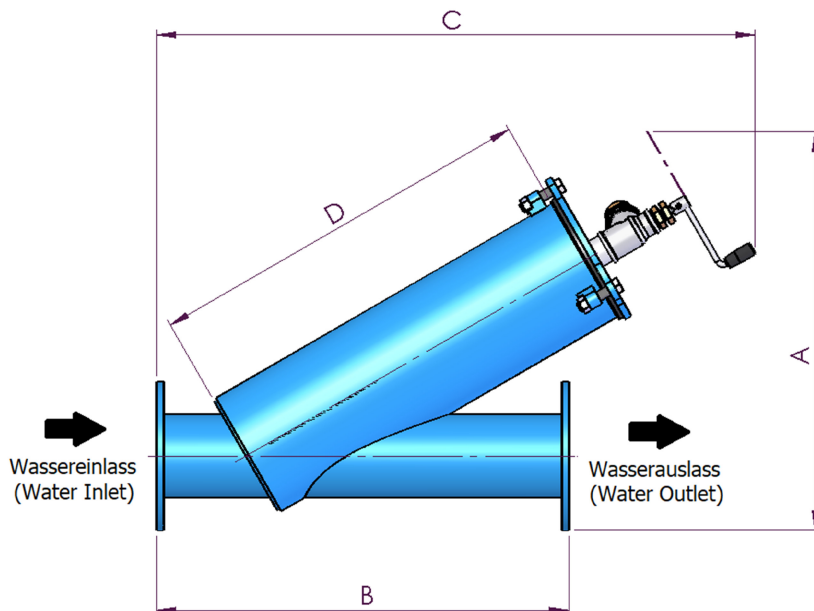


Model	Conne- ction	Screen area cm ²	Flow- rate m ³ /h	Type	Dimension L mm	Dimension D mm	Dimension H mm	Dimension A mm	Dimension B mm	Weight empty kg
FY-2	Thread 2"	1498	20	A	450	165	377	550	780	13
FY-3	Flange 3"	2004	40		495	165	502	680	1025	20
FY-4-165	Flange 4"	2960	80		695	165	749	935	1565	26
FY-4-220	Flange 4"	3120	100	B	695	220	659	860	1345	35
FY-5	Flange 5"	3120	125		695	220	659	870	1345	37
FY-6	Flange 6"	5456	150		725	323	894	1500	1560	66
FY-8	Flange 8"	11028	300		1000	406	1133	1905	2055	136
FY-10	Flange 10"	13696	400		1000	406	1408	2300	2450	162
FY-12	Flange 12"	17120	475		1250	457	1674	2300	3135	228



Y-Strainer with manual brush, Series FY-LCM

Model	Connection	Screen area cm ²	Flow rate m ³ /h	Flush connection Thread	Dimension A mm	Dimension B mm	Dimension C mm	Dimension D mm	Weight empty kg
FY-2-LCM	Thread 2"	1498	20	1"	495	450	690	377	20
FY-3-LCM	Flange 3"	2004	40	1"	588	495	830	502	24
FY-4-LCM	Flange 4"	3120	100	1 ¼"	672	695	1004	659	36
FY-5-LCM	Flange 5"	3120	125	1 ¼"	672	695	1004	659	41
FY-6-LCM	Flange 6"	5456	150	1 ¼"	1000	725	1120	895	72



Remark:

Pressure gauges are not included.

GEFA Certificates

ISO 9001 - OHSAS 18001 - ISO 14001

Zusätzlich zum Qualitätsmanagementsystem **ISO 9001** hat die GEFA Processtechnik GmbH jetzt auch für die Bereiche Arbeitsschutz (**OHSAS 18001**) und Umweltmanagement (**ISO 14001**) ein sichtbares Zeichen:



Die **OHSAS 18001** und **ISO 14001** Zertifizierungen sind weltweit anerkannte Standards mit dem Fokus auf Personenschutz, Arbeitssicherheit, Gesundheitsvorsorge und Umweltschutz.