

Pressure Filters & Screens



AQUA AURA
Leading Technologies



ASF Filters

ASF Filters

Description:

The simple manual screen filter with stainless steel housing: durable, economic and easy to maintain.

- Stainless steel housing and filter cartridge
- Interchangeable screens with several filtration degrees
- No mechanical moving parts
- Very durable and economic filtration choice
- Easy to install, maintain and clean/change cartridges
- Low pressure loss

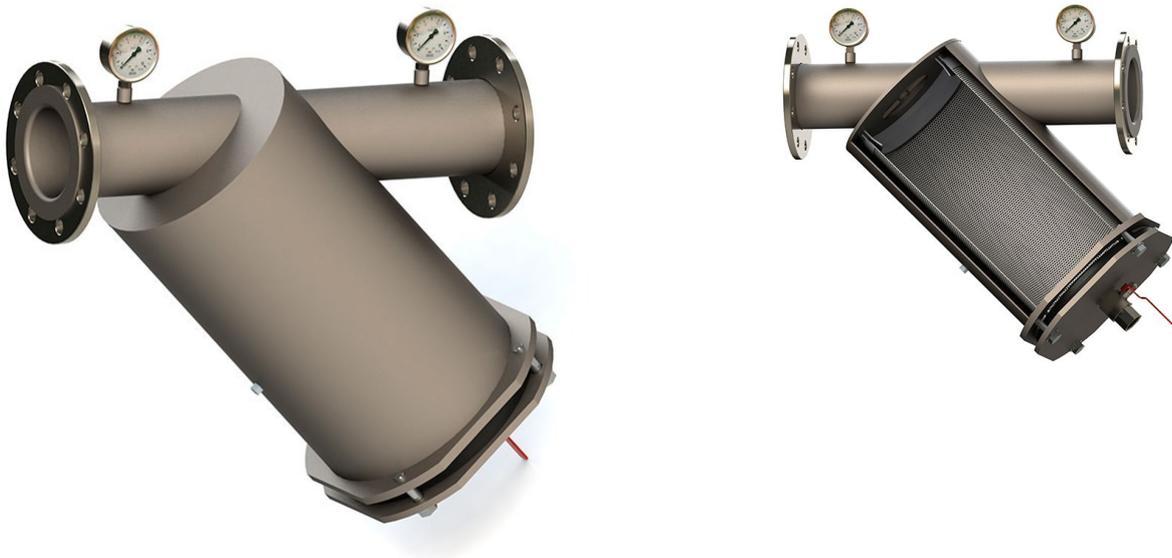
ASF filters can support flow rates of up to 600 m³/h (2642 US gpm) with five sizes of screens up to 8100 cm², with several multi-layers screens covering the range of filtration degree between 2000 and 25 µm and with different range of inlet/outlet connections between 2" and 10".

ASF filters can be equipped with automatic drain valve and magnetic kit to capture any particulate metal present in the water.

Available 2 controllers:

- AWC Timer (preset time, IP54)
- AWC Basic controller (preset time and/or manual start, IP54, 4DI, 4AI/DI, 4DO, LCD Display 1.5")

Images:



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Filter size - <i>Taglia filtro</i>	16	23	35	55	81
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General data - *Dati generali*

Inlet/outlet diameter Diametro connessioni IN/OUT	2" / 3" / 4" flanged EN 1092-1	3" / 4" / 6" flanged EN 1092-1	4" / 6" / 8" flanged EN 1092-1	4" / 6" / 8" flanged EN 1092-1	6" / 8" / 10" flanged EN 1092-1
Max flow rate Portata massima	100 m ³ /h 440 US gpm	180 m ³ /h 793 US gpm	270 m ³ /h 1189 US gpm	390 m ³ /h 1717 US gpm	600 m ³ /h 2642 US gpm
Max working pressure Pressione massima	10 bar 145 psi				
Max working temperature Temperatura massima	80 °C 140 °F				

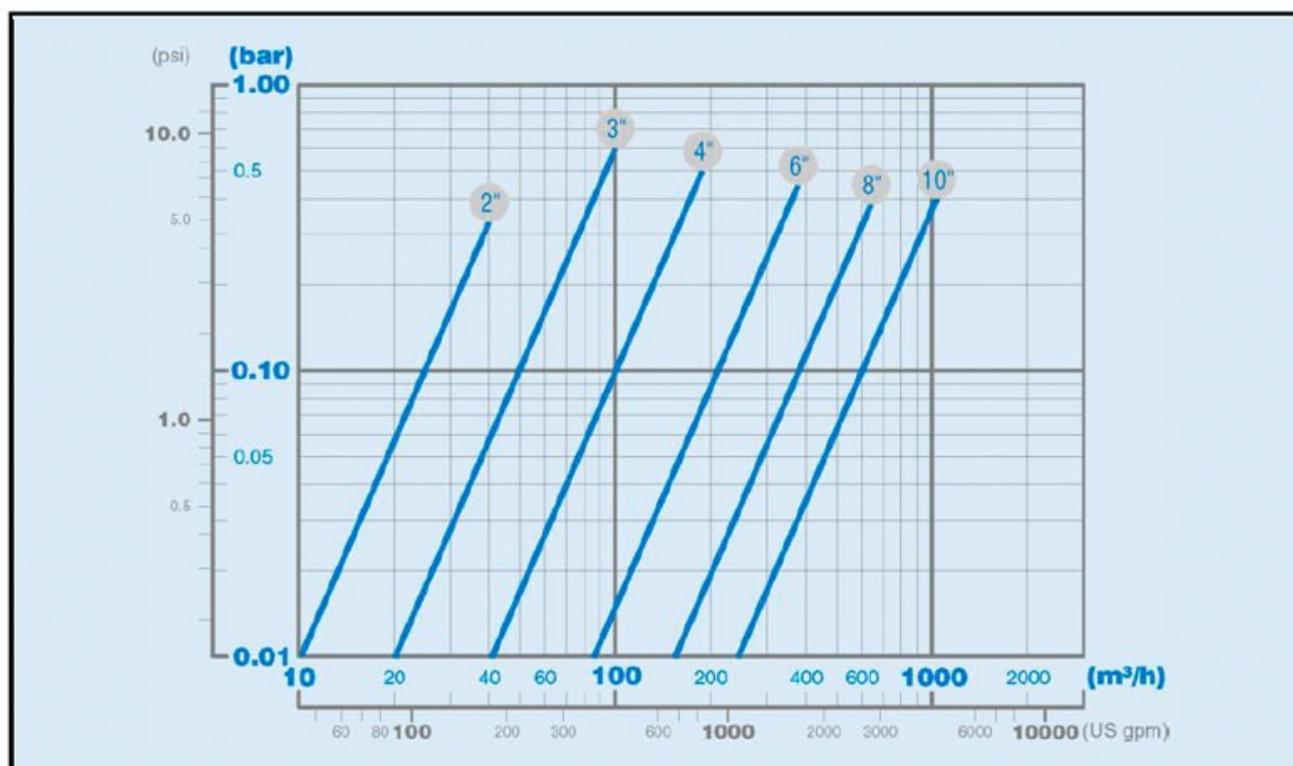
Screen elements - *Elementi filtranti*

Screen Area Area filtrante	1600 cm ² 248 in ²	2300 cm ² 357 in ²	3500 cm ² 543 in ²	5500 cm ² 853 in ²	8100 cm ² 1256 in ²
Filtration degrees Gradi di filtrazione	2000 / 1000 / 400 / 200 / 100 / 80 / 53 / 25 μm				
Screen types Tipologia elementi filtranti	Screens: Stainless Steel AISI 316 or Multi-layers SS AISI316 + PETP (Polyester) Reti: Acciaio inox AISI 316 oppure multistrato Inox AISI316 + Poliestere PETP				

Materials - *Materiali*

Filter Body Corpo filtro	AISI 304 / AISI 316 / DUPLEX / 254 SMO
Cover Coperchio	AISI 304 / AISI 316 / DUPLEX / 254 SMO
Screen support Supporto rete	AISI 316 / DUPLEX / 254 SMO / TITANIUM
Gasket Guarnizioni	EPDM

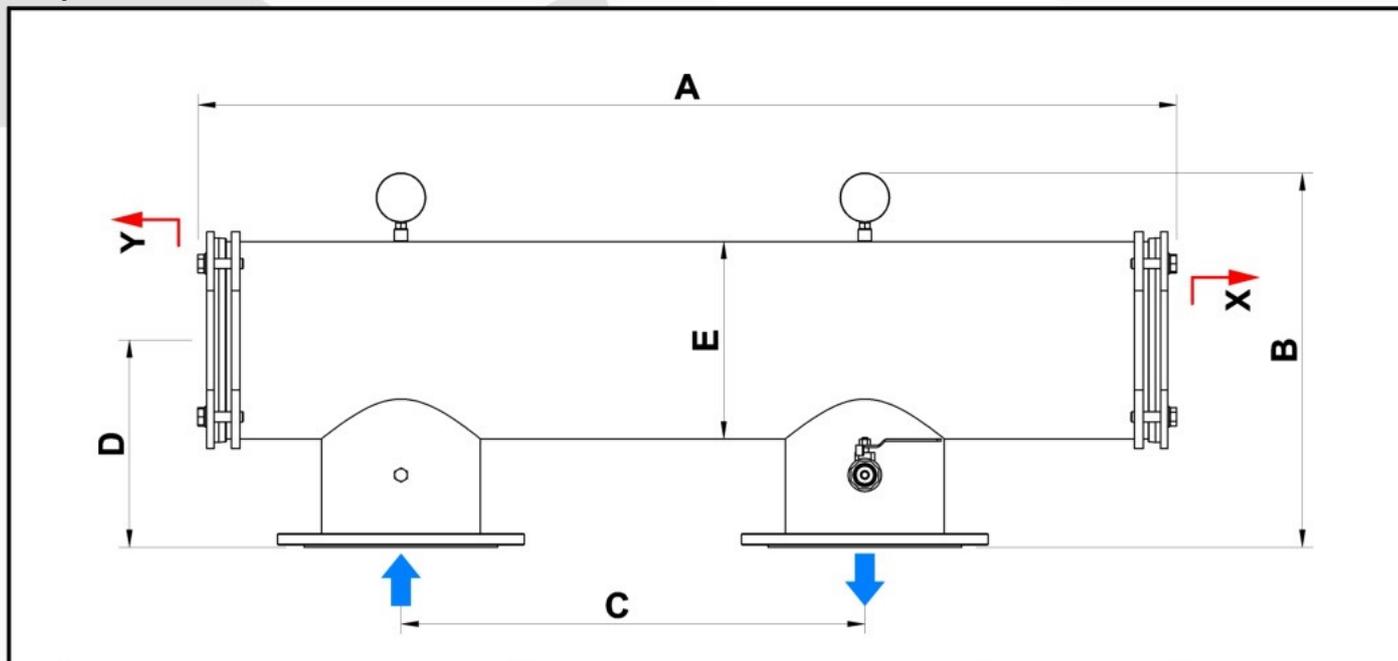
Head loss - *Perdite di carico*



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Dimensions

Shape H - Forma H

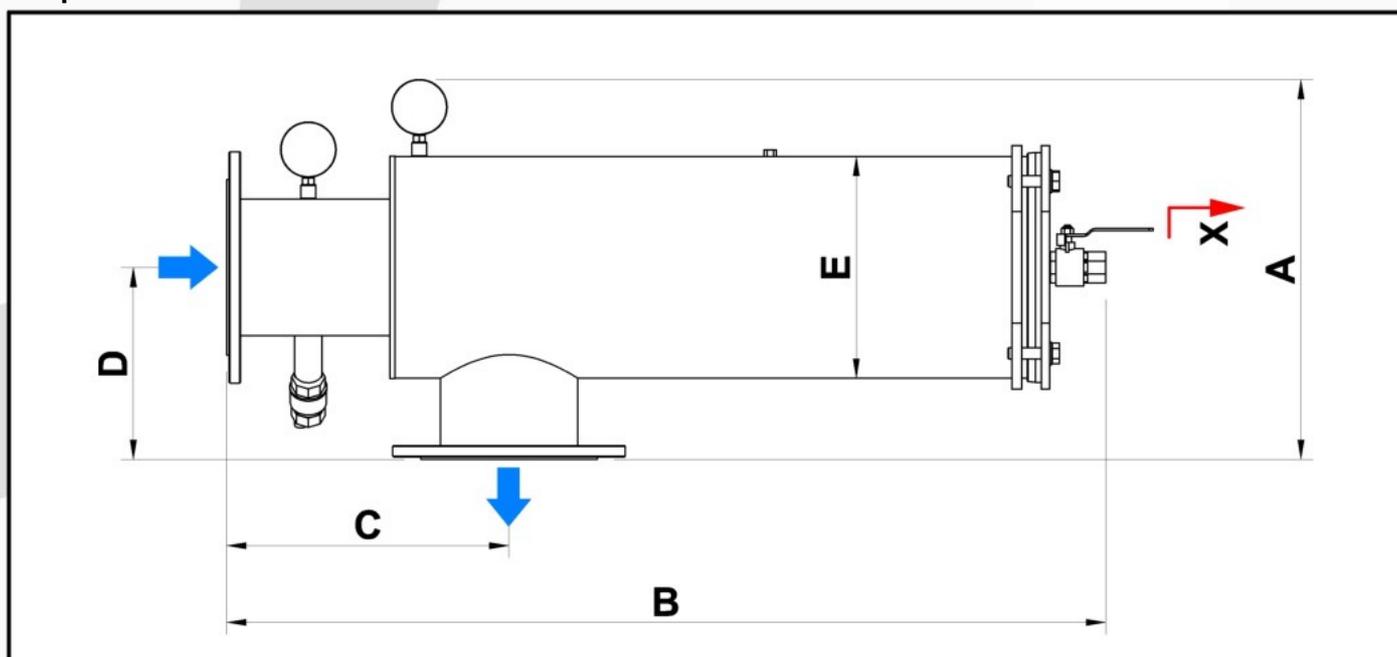


Filter Model <i>Modello filtro</i>	In/Out Conn.	Drain Conn.	Filter Area [cm ²]	Max Flow rate [m ³ /h]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	X [mm]	Y [mm]	Weight [Kg]
ASF 16H2	2" flg	1" thrdF	1600	30	935	410	450	215	206	400	600	24
ASF 16H3	3" flg	1" thrdF	1600	60	935	410	450	215	206	400	600	26
ASF 16H4	4" flg	1" thrdF	1600	100	935	410	450	215	206	400	600	28
ASF 23H3	3" flg	1" thrdF	2300	60	935	410	450	215	206	600	400	27
ASF 23H4	4" flg	1" thrdF	2300	100	935	410	450	215	206	600	400	29
ASF 23H6	6" flg	1" thrdF	2300	180	935	410	450	215	206	600	400	33
ASF 35H4	4" flg	1" thrdF	3500	100	1395	480	640	285	273	600	900	61
ASF 35H6	6" flg	1" thrdF	3500	220	1395	480	640	285	273	600	900	65
ASF 35H8	8" flg	1" thrdF	3500	270	1395	480	640	285	273	600	900	71
ASF 55H4	4" flg	1" thrdF	5500	100	1395	480	640	285	273	900	600	62

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ASF 55H6	6" flg	1" thrdF	5500	220	139 5	480	640	285	273	900	600	66
ASF 55H8	8" flg	1" thrdF	5500	390	139 5	480	640	285	273	900	600	72
ASF 81H6	6" flg	1" thrdF	8100	220	139 5	530	640	315	324	900	600	112
ASF 81H8	8" flg	1" thrdF	8100	390	139 5	530	640	315	324	900	600	118
ASF 81H10	10" flg	1" thrdF	8100	600	139 5	530	640	315	324	900	600	128

Shape L - Forma L



Filter Model <i>Modello filtro</i>	In/Out Conn.	Drain Conn.	Filter Area [cm ²]	Max Flow rate [m ³ /h]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	X [mm]	Weigh t [Kg]
ASF 16L2	2" flg	1" thrdF	1600	30	400	645	295	203	206	400	22
ASF 16L3	3" flg	1" thrdF	1600	60	400	645	295	203	206	400	23
ASF 16L4	4" flg	1" thrdF	1600	100	400	645	295	203	206	400	24
ASF 23L3	3" flg	1" thrdF	2300	60	400	865	345	203	206	600	25
ASF 23L4	4" flg	1" thrdF	2300	100	400	865	345	203	206	600	26
ASF 23L6	6" flg	1" thrdF	2300	180	400	865	345	203	206	600	27

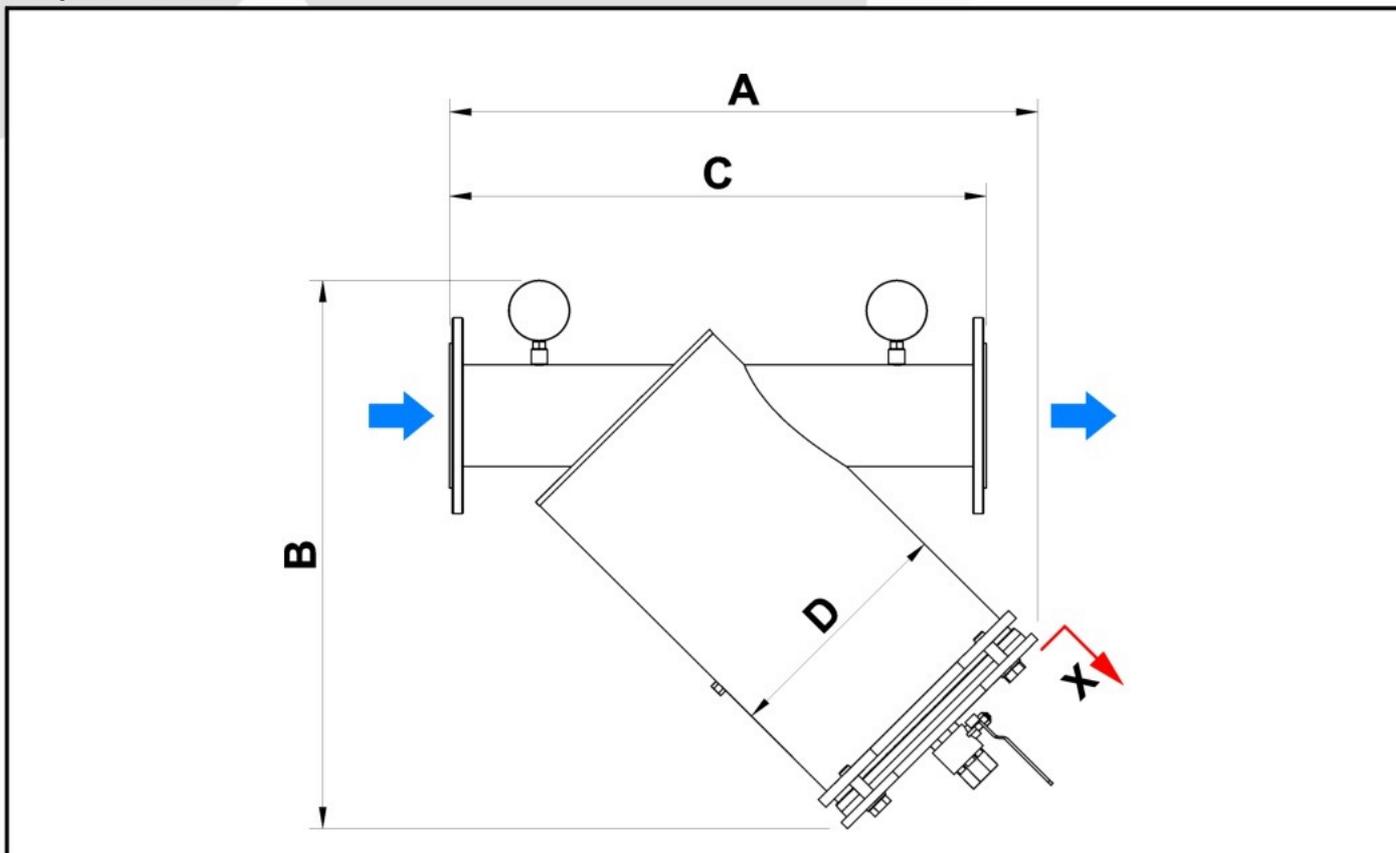
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ASF 35L4	4" flg	1" thrdF	3500	100	470	865	365	236	273	600	33
ASF 35L6	6" flg	1" thrdF	3500	220	470	865	365	236	273	600	36
ASF 35L8	8" flg	1" thrdF	3500	270	540	865	365	236	273	600	41

ASF 55L4	4" flg	1" thrdF	5500	100	470	1350	365	236	273	900	42
ASF 55L6	6" flg	1" thrdF	5500	220	470	1350	365	236	273	900	47
ASF 55L8	8" flg	1" thrdF	5500	390	470	1350	365	236	273	900	52

ASF 81L6	6" flg	1" thrdF	8100	220	620	1350	395	315	324	900	78
ASF 81L8	8" flg	1" thrdF	8100	390	620	1350	395	315	324	900	83
ASF 81L10	10" flg	1" thrdF	8100	600	620	1350	395	315	324	900	88

Shape Y - Forma Y



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Filter Model <i>Modello filtro</i>	In/Out Conn.	Drain Conn.	Filter Area [cm ²]	Max Flow rate [m ³ /h]	A [mm]	B [mm]	C [mm]	D [mm]	X [mm]	Weigh t [Kg]
ASF 16Y2	2" flg	1" thrdF	1600	30	515	435	395	206	400	20
ASF 16Y3	3" flg	1" thrdF	1600	60	535	455	450	206	400	21
ASF 16Y4	4" flg	1" thrdF	1600	100	575	495	550	206	400	22
ASF 23Y3	3" flg	1" thrdF	2300	60	655	595	450	206	600	22
ASF 23Y4	4" flg	1" thrdF	2300	100	695	615	550	206	600	25
ASF 35Y4	4" flg	1" thrdF	3500	100	705	635	600	273	600	34
ASF 35Y6	6" flg	1" thrdF	3500	220	775	665	745	273	600	37
ASF 55Y4	4" flg	1" thrdF	5500	100	975	865	600	273	900	42
ASF 55Y6	6" flg	1" thrdF	5500	220	975	895	745	273	900	47

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