

Pressure Filters & Screens



AQUA AURA
Leading Technologies

ABK Filters



ABK Filters

Description:

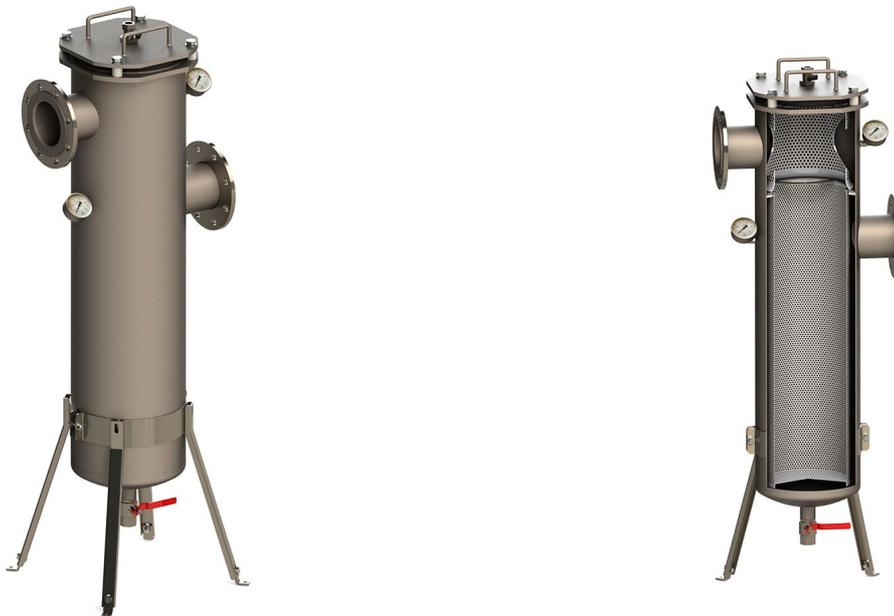
The pre-filtration strainer with reusable stainless steel basket designed for long life.

- Stainless steel housing and basket
- Reusable baskets
- No mechanical moving parts
- Easy to install, maintain and clean basket

Alfa Water ABK filters can support flow rates of up to 600 m³/h (2642 US gpm) with five sizes of screens up to 8100 cm², with basket screens covering the range of filtration degree between 100 µm to 5000 µm and with different range of inlet/outlet flanged connections between 2" and 10".

ABK filter is provided with supporting legs, manual drain valve, manual vent valve and pressure gauges. ABK filters can be equipped with a magnetic kit to capture any particulate metal present in the water.

Images:



TECHNICAL DATA - DATI TECNICI

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*

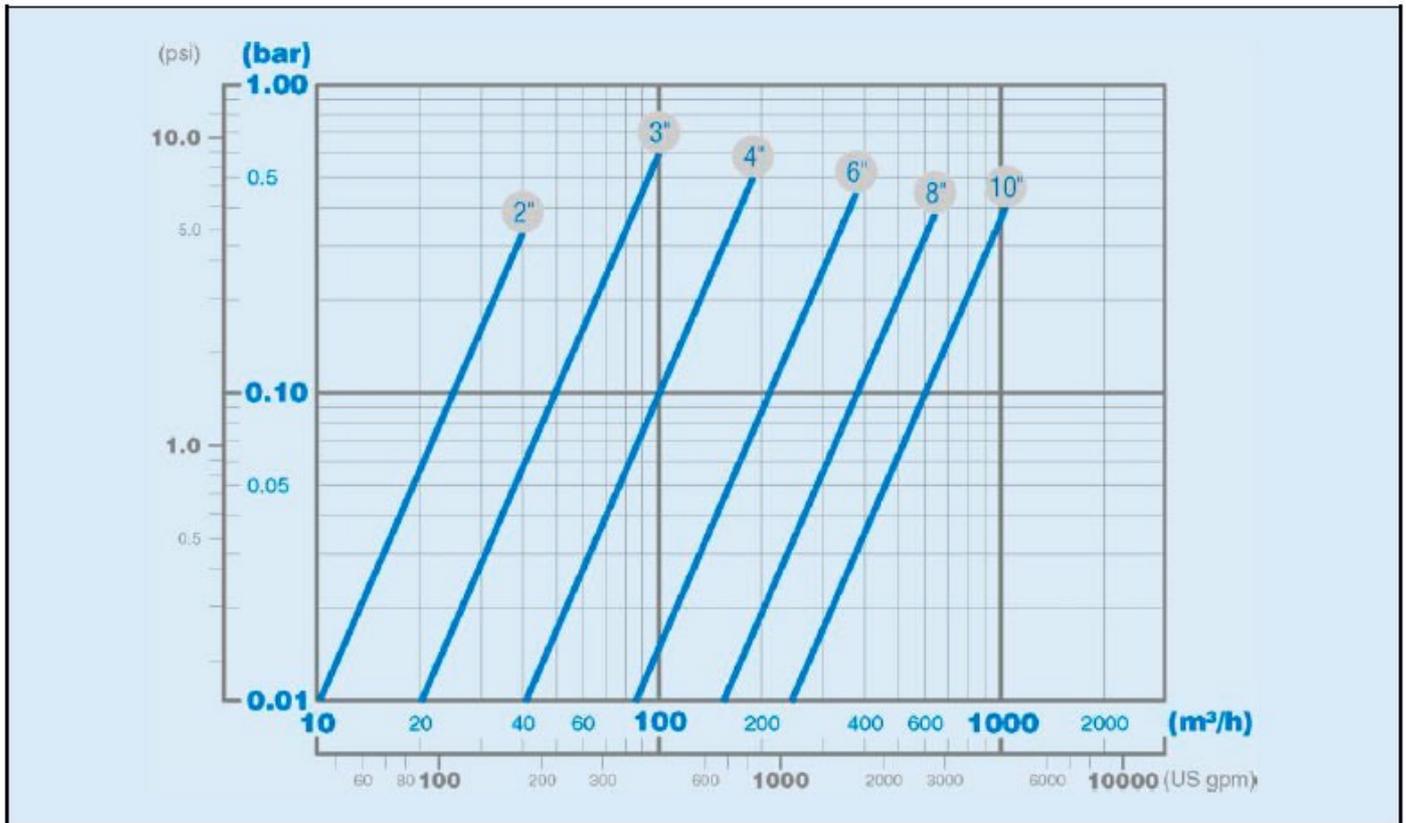
Screen Area Area filtrante	1600 cm ² 248 in ²	2300 cm ² 357 in ²	3500 cm ² 543 in ²	5500 cm ² 853 in ²	8100 cm ² 853 in ²
Filtration degrees Gradi di filtrazione	5000 / 2000 / 1000 / 500 / 200 / 100 μm				
Screen types Tipologia elementi filtranti	Basket: Perforated sheet or Multi-layers in Stainless Steel AISI 316 Cestello: lamiera forata o multi strato in Acciaio inox AISI 316				

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

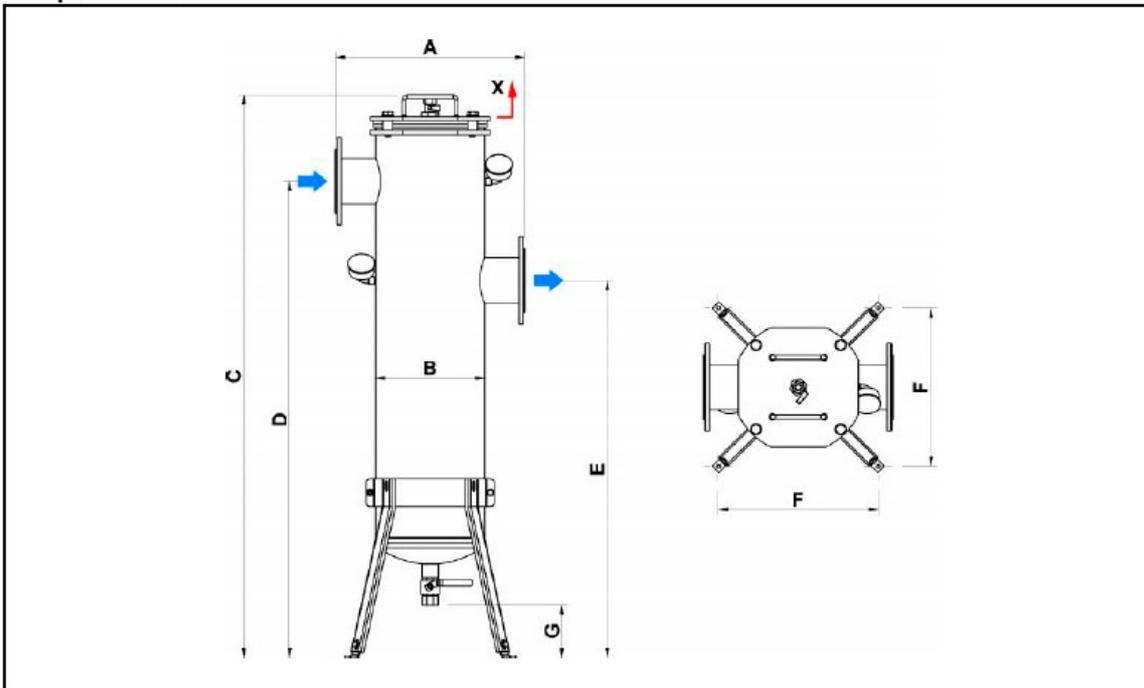
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Head loss - *Perdite di carico*



DIMENSIONS - DIMENSIONI

Shape Z – Forma Z



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]	F [mm]	G [mm]	X [mm]	Weight [Kg]
ABK 16Z2	2" flg	1" thrdF	1600	30	405	206	950 1050	700 800	450 550	350	100 200	400	37
ABK 16Z3	3" flg	1" thrdF	1600	60	405	206	950 1050	700 800	450 550	350	100 200	400	38
ABK 16Z4	4" flg	1" thrdF	1600	100	405	206	950 1050	700 800	450 550	350	100 200	400	39
ABK 23Z3	3" flg	1" thrdF	2300	60	405	206	1150 1250	900 1000	500 600	350	100 200	600	42
ABK 23Z4	4" flg	1" thrdF	2300	100	405	206	1150 1250	900 1000	500 600	350	100 200	600	45
ABK 23Z6	6" flg	1" thrdF	2300	180	405	206	1150 1250	900 1000	500 600	350	100 200	600	48
ABK 35Z4	4" flg	1" thrdF	3500	100	475	273	1200 1300	950 1050	450 550	400	100 200	600	47
ABK 35Z6	6" flg	1" thrdF	3500	220	475	273	1200 1300	950 1050	450 550	400	100 200	600	50
ABK 35Z8	8" flg	1" thrdF	3500	270	475	273	1200 1300	950 1050	450 550	400	100 200	600	55
ABK 55Z4	4" flg	1" thrdF	5500	100	475	273	1500 1600	1250 1350	750 850	400	100 200	900	55
ABK 55Z6	6" flg	1" thrdF	5500	220	475	273	1500 1600	1250 1350	750 850	400	100 200	900	60
ABK 55Z8	8" flg	1" thrdF	5500	390	475	273	1500 1600	1250 1350	750 850	400	100 200	900	65
ABK 81Z6	6" flg	1" thrdF	8100	220	530	324	1600 1700	1300 1400	650 750	450	100 200	900	95
ABK 81Z8	8" flg	1" thrdF	8100	390	530	324	1600 1700	1300 1400	650 750	450	100 200	900	100
ABK 81Z10	10" flg	1" thrdF	8100	600	530	324	1600 1700	1300 1400	650 750	450	100 200	900	105

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