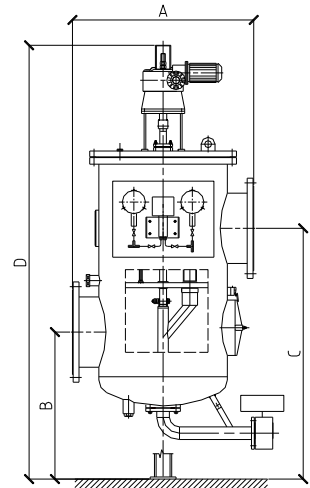


FILTROMATIC

AUTOMATIC WATER SELF-CLEANING FILTERS

FLOW RATE UP TO 3600 m³/h

SIZE	DIMENSIONS mm.					Weight
	A	B	C	D	IN-OUT	Kg.
0300	700	650	1200	2140	DN 200 or 8"	380
0480	800	750	1300	2250	DN 250 or 10"	450
0720	900	750	1300	2250	DN 300 or 12"	540
0900	950	800	1400	2380	DN 350 or 14"	800
1200	1050	810	1410	2360	DN 400 or 16"	1050
1500	1100	900	1550	2640	DN 450 or 18"	1220
1800	1200	950	1600	2720	DN 500 or 20"	1500
2600	1400	1200	2200	3480	DN 600 or 24"	2300
3600	1800	1365	2315	3790	DN 700 or 28"	2800



AUTOMATIC SYSTEM

FILTROMATIC is equipped with an high reliable control system able to manage automatically the backwashing cycle to regenerate the filter elements. The progressive accumulation of the retained debris causes an increase of differential pressure drops between inlet and outlet fluid pressure; when the pre-determinate set point is reached, the differential pressure switch activates the backwashing cycle which calls for the opening of the drain valve and the rotation of the backwashing arm.

The slide valve mounted on the arm seals off each filter elements from the filtration phase and put it in communication with atmospheric pressure: a small part of filtered water is forced in reverse direction carrying away the debris previously retained by the filter element through the opened drain valve.

The clean water pressure must exceed 1 bar in order to obtain an effective regeneration of the backwashing operation.

BENEFITS

- Backwashing without flow interruption
- Effective restore by backwashing
- Larger effective filtering surface reduces the frequency of backwashing cycles
- Rugged corrosion-proof filter elements
- Low water usage for backwashing operation
- Simply design provides lower maintenance cost

EUROPEAN DIRECTIVES

The FILTROMATIC meets Machinery Directive 2006/42/CE (and its updating) and is supplied with the installation and maintenance manuals with all the prescriptions for a safe handling of the equipment. Other Directives like PED & ATEX can be meet, whenever applicable.

AVAILABLE FILTRATION RATINGS

Standard: 125-250-500-1000-2000 micrometers
Upon request: 50-75-750-1500 micrometers

The data are informative and subject to change without notice. User is responsible for determining whether the product is fit for particular purpose and suitable for User's method of application.

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