

IMA-D Series Filter System

Automatic disc filter system



Description

The D Series filtration system is a fully automatic filtration system designed to filter large flows, wide range of water qualities and can be used in a wide range of applications.

It features fully automatic filtration, cleaning and flushing functions, with a purpose built back-wash controller, with both pressure difference differential and time-based settings available.

The backwash disc filter system is divided into manual and automatic backwash, both of which are formed by the parallel combination of centrifugal filter units. Each disc filter module includes a spiral structure that provides the centrifugal effect.

During filtration, the water stream rotates at high speed to remove suspended materials through the disc providing an effective filtering effect. Grooved filter discs serve as the core elements of the filter for more thorough and accurate 3D deep stereoscopic filtering.

The system automatically coordinates the backwash of each filter unit during backwashing. The backwash unit backwashes with filtered water or external water from other filter units.

The D Series system has a compact footprint and is supplied as a plug and play unit ready to install. The system requires minimal maintenance and has low operating costs.

Available filter elements						
Mesh	30	70	120	150	300	800
Micron	595	210	125	100	50	15

D Series Filtration models

Model	Filter Modules	Connection	Max Flow Rate	Filter grade	Max pressure
D202T3	2 x T	3"	15-40m ³ /h	30 – 800 mesh	10 Bar
D203T3	3 x T	3"	25-60m ³ /h		
D204T	4 x T	3"	35-80m ³ /h		
D302T4	2 x T	4"	30-60m ³ /h		
D303T4	3 x T	4"	35-85m ³ /h		
D304H6	4 x H	6"	60-115m ³ /h		
D305T6	5 x T	6"	70-135m ³ /h		
D306T8	6 x T	8"	90-180m ³ /h		
D307H8	7 x H	8"	105-210m ³ /h		
D308H8	8 x H	8"	20-240m ³ /h		
D410H10	10 x H	10"	up to 640m ³ /h		

