



# Technical Data

## Manual Filters > Plastic

### > Disk Series SD

Code	Body	Coupling Ø	Q <sub>max</sub> m <sup>3</sup> /h	
AFL420	Short single	2"	20	 2 VIE
AFL424	Short single	2"	20	 3 VIE
AFL421S	Long single	2"L	35	
AFL421	Long single	3"	45	

#### DESCRIPTION:

#### Application

- Security filter for agriculture

#### Specifics

- Maximum working pressure: 8 bar
- Closing cap: stainless steel band
- Coupling: male thread
- Code colour to identify filtration level
- Filtering element: 120 mesh standard

#### Features

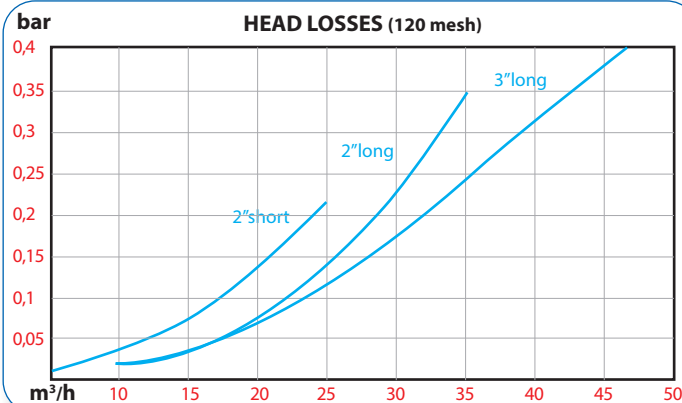
- Pressure gauge
- Filter cap set for discharge valve

#### Materials

- Body, cap and disks support: ABS - 3"
- ABS disks
- fiberglass reinforced nylon
- Seals: EPDM

#### DISK FILTERS SERIES SD

- SD filters have a large filtering surface that places them at the forefront of their sector.
- They are made of high quality plastic that is resistant to chemicals, including fertilizers. They have no metal components in contact with water.
- The filter elements can be removed from the filter for washing. Washing is manual.
- The various parts of the body are joined by stainless steel fixing brackets, easy to open and close.
- Easy measurement of pressure drops: there are connections for pressure gauge both at the inlet and outlet, as well as an outlet for emptying.



#### SURFACE DETAIL OF THE FILTERING DISK

- The individual filter disks overlapping form the filter cylinder. The characteristic serpentine relief is micrometrically inclined to allow filtration and efficient cleaning.



Code	Body	Coupling Ø	Q max m <sup>3</sup> /h	P <sub>max</sub> bar	Coupling	Dimensions mm		Filtering surface cm <sup>2</sup>	Weight kg
						A	B		
AFL420	Short single	2"	25	8	thread M BPS	267	230	794	5,0
AFL421S	Long single	2" L	35	8	thread M BPS	645	305	1.347	8,0
AFL421	Long single	3"	45	8	thread M BPS	645	305	1.347	8,0