

Technical Data

Automatic filters >

> Disk Filtering Stations SD-CLEAN



DESCRIPTION:

Application

- Automatic disk filter for agriculture

Specifics

- Maximum pressure: 8 bar
- Maximum working pressure: 2,5 bar
- Fittings: flanged
- Wastewater output: 2"
- Filtering element: disk, 120 mesh standard
- Lock-up cap: stainless steel band
- Code colour to identify filtration level
- 3 ways backwash valves
- Backwash control system by differential time and pressure

Features

- Control unit supply:
220 V Ac-filter flush
battery (4x1,5V) - Filton 1-10
- Input/output manifolds printed mono-block
- Hydraulic safety-related control
- Backwash valve: Bermad Ø 2"
- 2" L filter with increased surface equal to a 3" standard filter

Materials

- High-density polypropylene manifolds
- Reinforced plastic hydrovalves
- Wide hydraulic passage for solenoids control

Inches	Backwash minimum flow-rate
2"	8 m ³ /h
2"L	10 m ³ /h

MANIFOLDS Ø MM

Filter	Units	Ø
2"	2	90
2"	3	110
2"	4	140

2"L	2	90
2"L	3	110
2"L	4	140
2"L	5	160
2"L	6	160

Other diameters and models on request

SD-CLEAN FILTER WITH 24 V AC SUPPLY

Code	Model	Units	Valve Ø	Q _{max} m ³ /h
AFL1061	SD-CLEAN 2x2"	2	2" x 2" x 2"	40
AFL1062	SD-CLEAN 3x2"	3	2" x 2" x 2"	60
AFL1063	SD-CLEAN 4x2"	4	2" x 2" x 2"	80
AFL1068	SD-CLEAN 2x2"L	2	2" x 2" x 2"	52
AFL1069	SD-CLEAN 3x2"L	3	2" x 2" x 2"	78
AFL1070	SD-CLEAN 4x2"L	4	2" x 2" x 2"	104
AFL1060	SD-CLEAN 5x2"L	5	2" x 2" x 2"	130
AFL1064	SD-CLEAN 6x2"L	6	2" x 2" x 2"	175

SD-CLEAN FILTER WITH 12 V DC LATCH SUPPLY

Code	Model	Units	Valve Ø	Q _{max} m ³ /h
AFL1065	SD-CLEAN 2x2"	2	2" x 2" x 2"	40
AFL1066	SD-CLEAN 3x2"	3	2" x 2" x 2"	60
AFL1067	SD-CLEAN 4x2"	4	2" x 2" x 2"	80
AFL1071	SD-CLEAN 2x2"L	2	2" x 2" x 2"	52
AFL1072	SD-CLEAN 3x2"L	3	2" x 2" x 2"	78
AFL1073	SD-CLEAN 4x2"L	4	2" x 2" x 2"	104
AFL1074	SD-CLEAN 5x2"L	5	2" x 2" x 2"	130
AFL1075	SD-CLEAN 6x2"L	6	2" x 2" x 2"	175

Note: for the filter code without control unit and pressure switch add -S to the code in the table (ex: AFL1065-S)

*For management with other automation systems insert differential pressure switch page 61

WORKING FLOW-RATE M³/H

Model	Water quality		
	High	Medium	Low
2 x 2"	34	24	16
3 x 2"	51	36	24
4 x 2"	68	48	32
2 x 2"L	44	31	21
3 x 2"L	66	47	31
4 x 2"L	88	62	42
5 x 2"L	111	78	52

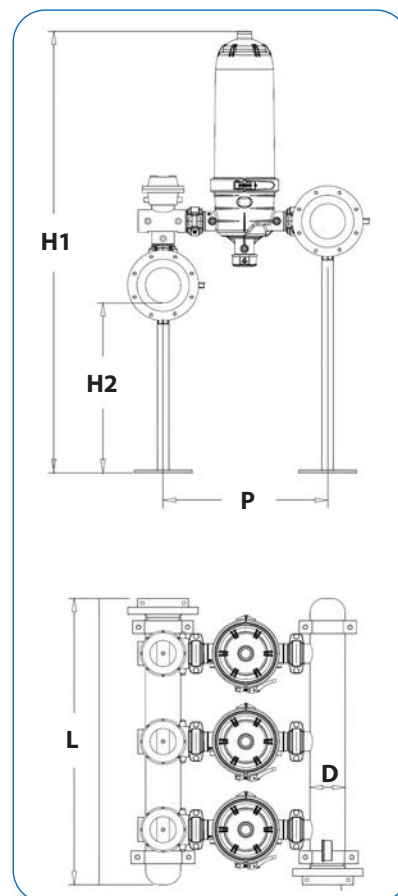
Ø	Units				
	2	3	4	5	6
	mm ² filtering surface				
2"	1.794	2.691	3.588		
2"L	3.100	4.650	6.200	7.750	9.300



Technical Data

Automatic filters >

Model	Dimensions mm				
	L	P	H1	H2	D
2 x 2"	668	503	1.380	575	90
3 x 2"	895	513	1.380	585	110
4 x 2"	1.170	513	1.380	585	140
5 x 2"	1.400	513	1.380	585	160
6 x 2"	1.650	513	1.380	585	160



Filtration

