

Filtres F 76S-F

Fine Flange Filters for Backwash Rinse



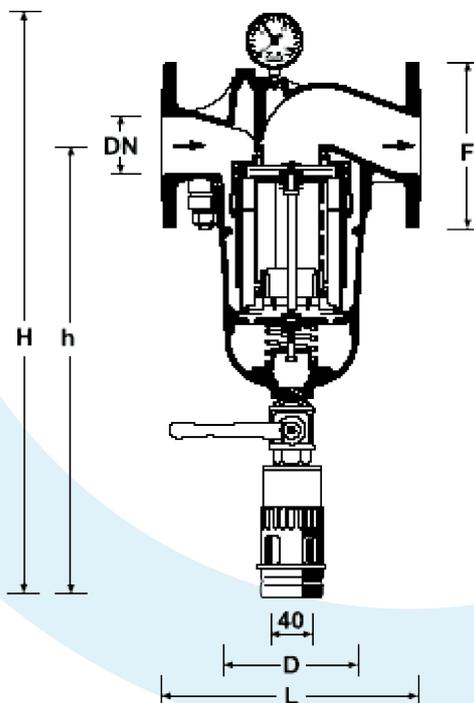
FILTRATION

BACKWASH FLANGE FILTERS

F 76S-F

- The fine flange filters for backwash rinse F 76S-F are adequate For tertiary installations (buildings, communities, industries) and for the industry.
- The F 76S-F filters uses the same backwash rinse procedure as the fine filters for commercial applications.
- The filter has two parts, a lower mobile part and an upper fixed part. In the «filtration» position, the upper part is blocked so as to force the passage of water from the outside to the inside.
- During the backwash rinse (opening of the ball valve), the main filter is pushed downwards until it interrupts the water flow through the main strainer. Simultaneously, the circulation is established through the upper strainer.
- Rinsing is provided under high pressure following through the upper strainer, the turbine and the main strainer, from the inside to the outside. The closing of the ball valve automatically replaces the filter cartridge in normal filtration position.

The backwash is done manually by turning the handle of the ball valve or by using the Z11AS sequence controller triggering the automatic backwash. Optionally, the differential pressure switch DDS76 can be added to backwash the filter depending on its soiling degree.



APPLICATIONS

The F 76S-F fine flange filters are adequate for all applications in the tertiary sector and the industry on condition of compliance with the specifications and the norms in force.

F 76S-F can be placed on :

- metal or synthetic pipes,
- substations of communal facilities which have a drainage fitting,
- in plants where existing equipment is sensitive against impurities.

F 76S-F Backwash Filters

TECHNICAL CHARACTERISTICS AND DIMENSIONS

Diameter	DN	65	80	100
Weight (kg)		24	36	50
Dimensions (mm)	L	290	310	350
	H	620	714	814
	h	471	565	652
	D	175	225	250
	F	185	200	220
Peak Flow (m ³ /h) with $\Delta p=0,2\text{bar}$		39	56	71
Kvs Value		90	125	158
DVGW Certification		R248	R249	R250
Discharge connector automatic casing		DN 100		
Rinse Flow (l) under 4 bar		35		
Dimensions of automatic casing (mm)	G	1/2"		
	H	150		
	L	59		
Filtration Threshold		105/135 μm		

Mounting : on horizontal pipes with the bowl downwards.

Operating Temperature : max. 70°C.

Operating Pressure : 1.5 bar min. - 16 bar max.

COMPOSITION

- Brass headwork with manometer.
- PN16 Flanges.
- Fine stainless steel strainer.
- Ball valve with lever and sewer discharge connector.
- Ball valve in nickel-plated brass.

AUTOMATION CONTROLLER

- 16 rinse intervals from 4 mn to 3 months.
- Automatic backwash after each power failure.
- Manual triggering.
- Possibility to adapt the differential pressure sensor DDS76.

OPTIONS

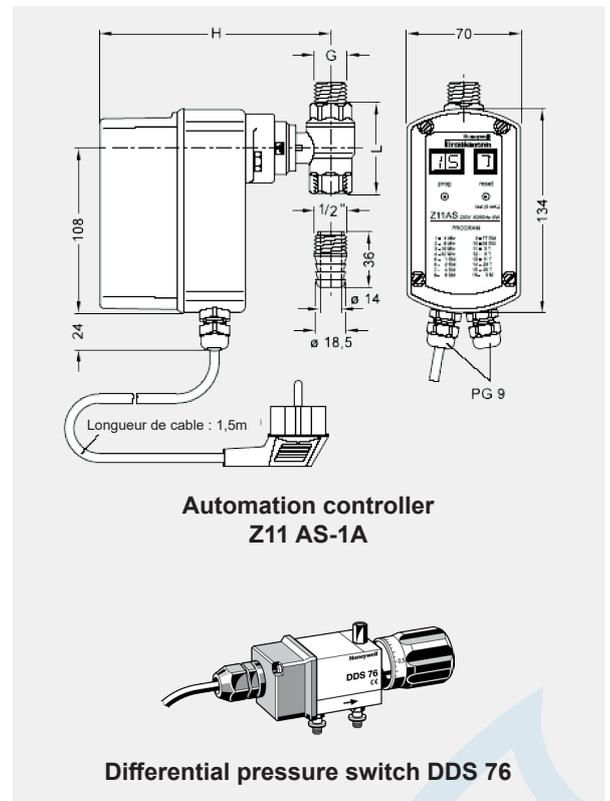
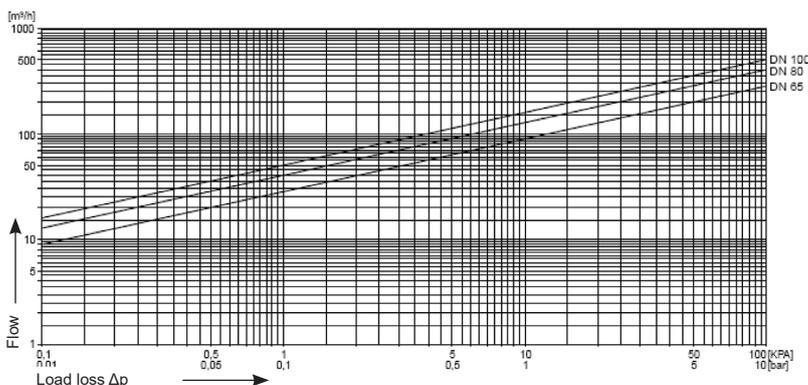


DIAGRAM OF LOAD LOSSES



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