

Filtres F 76S-F

Fine Flange Filters for Backwash Rinse



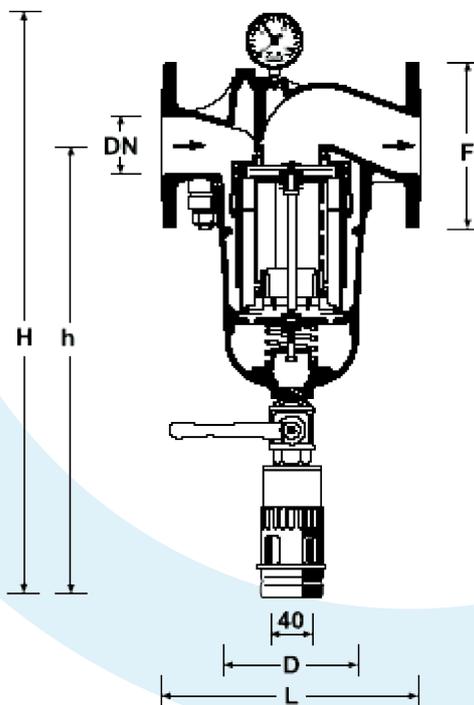
FILTRATION

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 use 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, a differential pressure switch 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,
- only for municipal drinking water.

F 76S-F Backwash Filters

TECHNICAL CHARACTERISTICS AND DIMENSIONS

Diameter	DN	65	80	100	125
Weight (kg)		24	36	50	65
Dimensions (mm)	L	290	310	350	514
	H	620	714	814	767
	h	471	565	652	610
	D	175	225	250	247
	F	185	200	220	250
Peak Flow (m ³ /h) with $\Delta p=0,2\text{bar}$		30	48	60	60
Discharge connector		DN100		> DN70	
Rinse Flow (l) under 4 bar		35		360	
Filtration Threshold		105/135		100	

Mounting : on horizontal pipes with the bowl downwards.

Operating Temperature : max. 70°C.

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

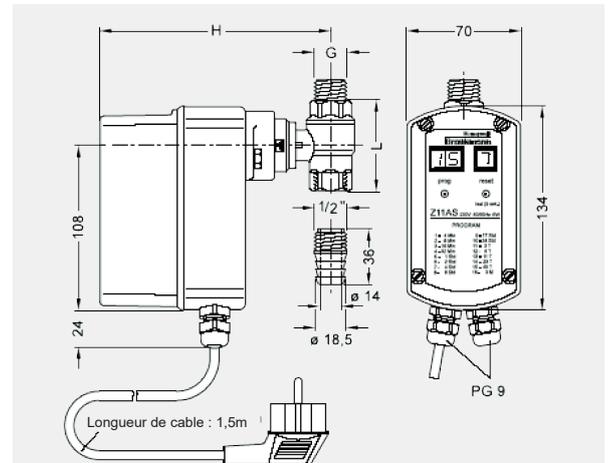
COMPOSITION

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

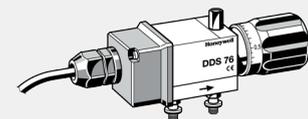
AUTOMATION CONTROLLER

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

OPTIONS

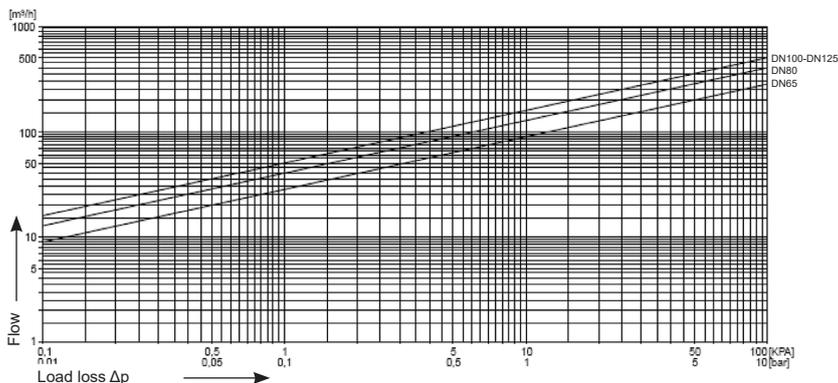


Automation controller
Z11 AS-1A



Differential pressure switch

DIAGRAM OF LOAD LOSSES



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