

# LARGE CAPACITY SEDIMENT FILTERS stainless steel

So called pre-filtration is a necessary process in most water treatment plants. Pre-filtration may be performed by high efficiency, stainless steel sediment filters, which use the unique filtration technique, among others allowing to avoid the filter air pocketing. They may also be used to protect household appliances, industrial installations or heating systems, they are installed in dry-cleaners', restaurants, schools.

Characteristics of the FSS-series sediment filters:

- \* high quality - the FSS filters go through special polishing process, which makes them highly corrosion resistant
- \* solution of the filter air-pocketing problem – air can no longer stay inside the filter, due to the air release valve at the top of it. Air moves up the filter and is released through the drain together with water. Such construction of the filter eliminates the need of manual deaeration if the filter
- \* high filtration capacity
- \* modern cartridge structure allow water for constant contact with filtration factor. At the same time the filtration capacity is increased by the elimination of the air-pocketing problem



## Sediment filter technical data

MODEL		QQS1	QQS2	QQS3	QQS4
CARTRIDGES <sup>1</sup>	height [inch]	10	30	30	40
	quantity	5	5	10	24
FLOW	nominal	3,5	8	15	33
	[m <sup>3</sup> /h]*	9	21	36	82
LIFETIME	[m <sup>3</sup> ]	72	400	800	2400
	months	3-6	3-6	3-6	3-6
PRESSURE DROP		6/12	6/12	6/12	6/12
TEMPERATURE <sup>2</sup>		2-120	2-120	2-120	2-120
CONNECTION		1 gz BSP	6/4 gz	2 gz BSP	3 kołn
FILTER VOLUME		15	30	50	150
DIMENSIONS	A (height)	50	85	85	180
	[cm]	20	20	30	60

\* nominal [l/h] – for the pressure 4 bar and linear velocity 2 m/s

\*\* maximal [l/h] – for the pressure 10 bar and linear velocity 5 m/s

\*\*\* gz - male thread

### Explanations:

<sup>1</sup> cartridge sorts, used in the filters:

- polypropylene melt blown cartridges FCPS
- polypropylene string cartridges FCPP FCPP
- cellulose pleated reusable cartridges FCEL
- hot water cartridges FCHOT

<sup>2</sup> depending on feed water quality and consumption

<sup>3</sup> the min./max. values depend on water quality

### Unit calculator:

inch = 2,54 cm

15 PSI = 1 bar



QQS1



QQS2



QQS3



QQS4

The components are TUV and PZH certified, conform to the EU directives



\*Due to the fast technology development we reserve the right to change technical data without prior notice



**TESTED AND CERTIFIED** NSF INTERNATIONAL  
ANSI/NSF STANDARD 61 Drinking Water System Components  
- Health Effects

