

**STF Sand filter carbon steel  
ST37.2 36" flange 8bar DN80  
blue type F650 (7046924)**



**STF**  
matholding group

# TECHNICAL SPECIFICATIONS

Colour	blue
Material	carbon steel ST37.2
Connection	flange
Pressure	8 bar
Type	F650
Capacity	32 - 44 m <sup>3</sup> /h
Gravel	400 kg
Size	36"
Diameter	900 mm
Weight	170 kg
Filter area	0.64 m <sup>2</sup>
Max flow rate	44 m <sup>3</sup> /h

## PRODUCT INFORMATION

Equipped with "mushroom" diffusers with vertical openings of 0.35mm.  
For filtration stations, stations on skid and electronic controllers (AC or DC) please consult with

us.

Flushing: 60 seconds and up to 75% of the flow is needed for flushing. Flushing is activated by the electronic controller once the pressure loss ( $\Delta P$ ) across the filter has reached the preset value or time setting.

Filtration size: this is influenced by the flow velocity through the filter. Normal design velocity should be 65 - 70 m/hour through the tank.

Media: the gravel media for the filters should be in a layer of precisely 40 cm depth.

Applications: primary filter installed at the main control head, ideal for waters with high contamination of organic material and/or algae. If you need a flanged connection, you can order 3" quick flange for 30" and 36". For 48" you need a 4" quick flange.

- Supplied with connection victaulic to flange.

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