



# PRODUCT SPECIFICATION

FILTRATION

## Tavlit ADIR TDS Series Filter – Single Action Cleaning

TAVLIT offers a unique and innovative semi-automatic disc filter that enables the user the advantages of disc filtration without the need of opening the filter and manually cleaning the discs on one hand and without the expensive and sophisticated control systems of an automatic disc filters.

The cleaning process is simple and quick.

The user only has to turn the handle a ¼ of a turn for 10-20 seconds.

The filters are available at 50mm and 80mm and flow rates up to 50m<sup>3</sup>/h.

### Special Features:

- Flushing is performed simply by turning the operation handle a 1/4 of a turn. Quick and easy.
- Water for flushing the discs is filtered with an internal screen.
- Small footprint.
- No external valves are required

### Applications:

- Water filtration for agriculture, Turf and industry
- Intended as control filter in subsections for easy cleaning.
- Most suitable for low quality water sources where the user prefers to clean the disc element without dismantling it.

### Features:

- Available sizes: 50mm & 80mm
- Max working pressure: 10 bar
- Max. flow rate:  
50mm: 25 m<sup>3</sup>/h  
80mm: 50 m<sup>3</sup>/h
- Available in 80 – 120 mesh
- Required time for flushing 10-20 seconds
- Required time to flush the secondary port—10 seconds
- Min. flushing pressure: 2 bar.
- Flushing flow rate:  
50mm – 9.3 m<sup>3</sup>/h  
80mm – 12 m<sup>3</sup>/h
- Filtration area: 1025 cm<sup>2</sup>
- Construction materials: Nylon, Polypropylene



MODELS	CODE
50mm Semi-Automatic disc filter (80/120 mesh)	SAF2MDXXX
80mm Semi-Automatic disc filter (80/120 mesh)	SAF3MDXXX

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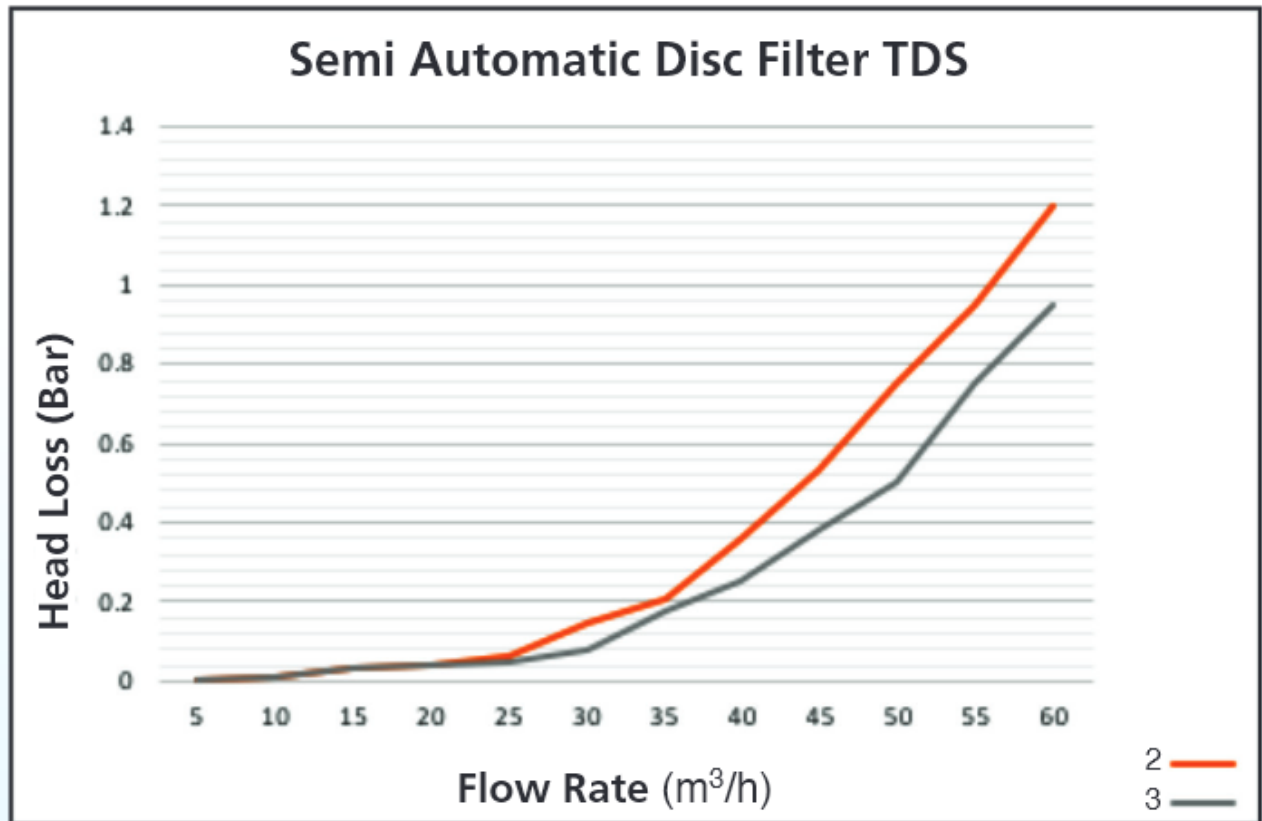
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## Pressure indicator

The pressure indicator enables quick and easy way to show the user that the filter is clogged and needs flushing.

- When pressure loss across the filter element reaches the preset value, usually 0.5 bar (7 psi), the red button pops up and the user can see from a distance that the filter needs flushing.
- There is no need to perform manual pressure tests.
- After flushing the button descends into the indicator body.
- The device, offered as an-add on, is connected directly to the pressure testing ports located on the filter body.



Dimensions (mm)	One Action
A	750
B	645
C	235

