



ADIR TDS series

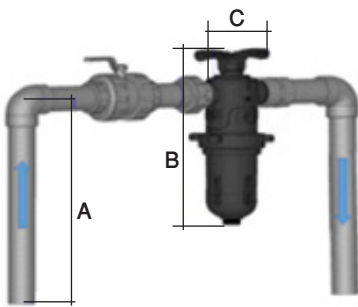


TAVLIT offers a unique and innovative semi-automatic disc filter that enables the user the advantages of disc filtration without the need of opening the filter and manually cleaning the discs and without the expensive control systems of an automatic disc filter. The cleaning process is simple and quick. The user only has to turn the handle a ¼ of a turn for 30 seconds.

Tavlit semi-automatic filter is offered at an attractive price making it available for farmers with small plots as the main filter and as a check filter in the field before the irrigation emitters.

The filter was developed in Israel by TAVLIT R&D team and has several international patent requests pending.

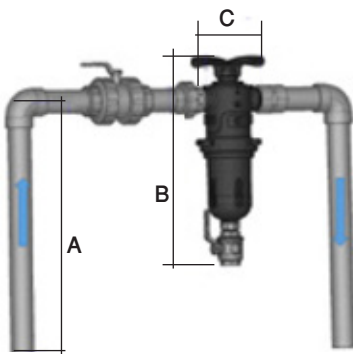
TDS Filter is offered in two models:



TDS-1A – the cleaning process is performed in one action.

The user just turns the handle and the filter performs a flushing cycle: Downstream closes, drain port opens, discs are released, water rotates the discs and removes the dirt. After approximately 30 seconds the discs are clean, the user turns the handle back and the filter resumes its filtering mode.

When the filter is clean the user needs to flush the secondary port by opening the service valve for 10 seconds.



TDS-2A – a more economical solution. The user opens the drain valve and then rotates the handle a ¼ of a turn and the filter performs a flushing cycle: Downstream closes, discs are released, water rotates the discs and removes the dirt. After approximately 30 seconds the discs are clean, the user turns the handle back and closes the drain valve, the filter resumes its filtering mode.

When the filter is clean the user needs to flush the secondary port by opening the service valve for 10 seconds.

Dimensions (mm)	One Action	Two action
A	750	950
B	645	795
C	235	235



Technical specifications:

- Available sizes: 2" 3".
- Max working pressure: 10 bar.
- Max. flow rate:
2": 25 m³/h
3": 50 m³/h
- Available in 40 – 140 mesh.
- Required time for flushing: 30 seconds.
- Required time to flush the secondary port - 10 seconds.
- Min. flushing pressure: 2 bar.
- Flushing flow rate:
2" - 15 m³/h
3" - 18 m³/h
- Filtration area: 1025 cm²
- Construction materials: Nylon +GF
Polypropylene.
- Weight (empty):
1 action: 8.6 Kg.
2 action: 9.3 Kg.

Head loss Charts

