

**Tavlit Automatic filter
fibreglass reinforced nylon
DN160 flange 10bar 100micron
DN160 disc 9-12VDC latch
black PN16 6 x 2" filter type
TVD (7028585)**



TECHNICAL SPECIFICATIONS

Colour	black
Type	TVD
Material	fibreglass reinforced nylon
Material filter element	disc
Filtration	100 micron
Filtration	140 mesh
Material seal	EPDM
Connection	flange
Min. temp.	0 °C
Voltage	9-12VDC latch
Pressure	10 bar
Max. temp.	60 °C
Capacity	120 m ³ /h
Model	6 x 2" filter
Size	DN160
Length	2100 mm
DN	160

Flange	PN16
Width	1100 mm
Filter area	6.6 m ²
Height	1200 mm

PRODUCT INFORMATION

TVD patented automatic disc filtration saves water and energy by using air in addition to water in the flushing process. The venturi devices that are inserted at the spine's inlets introduce air during the flushing process to enhance it. The mixture of air and water enables a more efficient and shorter flushing, therefore saving water, enabling flushing at a low pressure of 1.5 bar and shortening the flushing time. The use of air also cushions the discs, thereby reducing friction and prolonging the life of the disc element. When the head loss reaches a preset value of 0.5b-0.7b, the controller will start flushing one filter after the other. Flushing cycle will take from 12 to 30 seconds, depending on the dirt load. During flushing, the flow to the field is uninterrupted. Minimum flushing pressure required: 1.5bar. Flushing flow rate at 1.5bar: 6.5m³/h. Components: Talgil controller, Bermad backflush and air valves and PE manifolds. Configuration: Parallel with downstream (outlet) on the opposite side of the upstream (inlet). For special configurations or components please contact us.

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Bosta UK Ltd.
 Reflection House
 Olding Road
 Bury St. Edmunds
 Suffolk
 IP33 3TA
 T +44 (0) 1284 716580
 E enquiries@bosta.co.uk
<http://www.bosta.com>