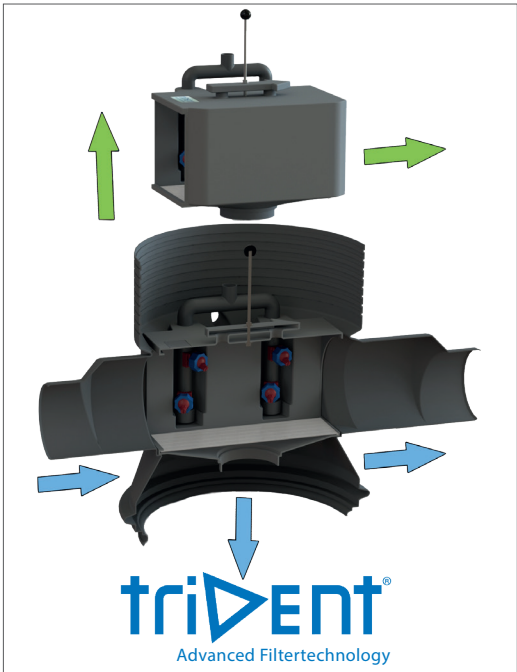


VARITANK FILTER 1.650

Filter shaft with Trident filter box for 1,650 m² roof surface



PRODUCT DESCRIPTION

Trident filters are a highly efficient dynamic rainwater filter, ensuring that a maximum volume of water passes through the filter and into the tank. The filter acts as the first step in the rainwater treatment process and has the capability to reduce the overall lifetime cost of the entire rainwater harvesting system.

With a range of pre-tank filters and tank filters with skimmers, Trident filters are flexible to suit in almost any tank; improving tank life, reducing maintenance and capable of handling high volume harvesting needs.

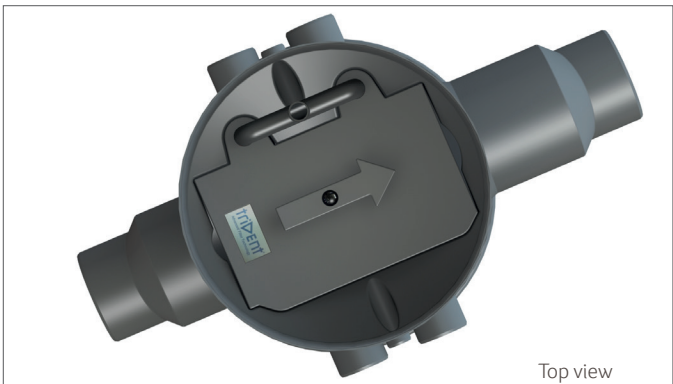
- +90% Efficiency 700µm
- Rapid separation of waste and clean water
- Dirt resistant and large effective filter grid
- Automatic cleaning reduces maintenance required
- Ideal for rainwater harvesting

APPLICATION AREA

The Trident tank filter is suitable for filtering rain water from roofs of homes or buildings with a roof surface up to 1.650 m² (based on 300 litres/sec/ha). There are different tanks which the Trident tank filter is suitable for; the blueline, flatline, neo-line and flexo-line tanks. The filter shaft is applied to the synthetic frill of the borehole and sealed with a rubber ring. The shaft is 360 degrees rotatable to ease the connection of the pipe system and can be shortened at any height or raised by use of the PE shaft extension. The decline between the supply and discharge of the filtered rain water is 40 mm.

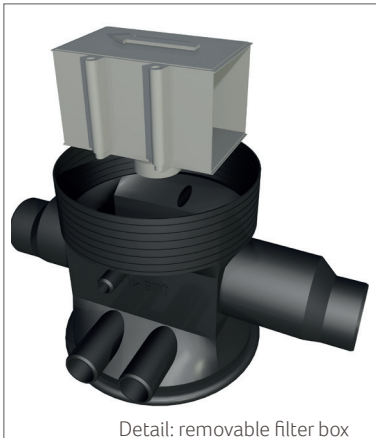
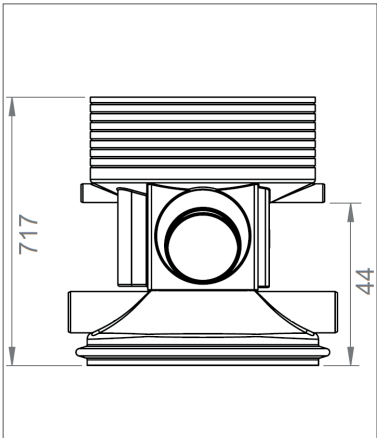
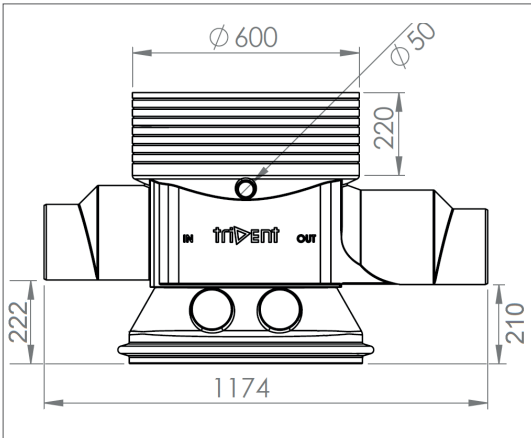
TECHNICAL DATA

Height in mm:	717
Weight in kg:	ca. 50
Input ø in mm:	200/250
Discharge dirt ø in mm:	200/250
Height difference of the supply in mm:	12
Drain clean ø in mm:	2 x 110
Mantel tube ø in mm:	50
Material housing:	PE
Material filter grid:	RVS
Connection filter cleaner (optional):	1"



Top view

TECHNICAL DRAWING



Detail: removable filter box

OPTIONS

Nozzle set for Trident 150, 325 and 450 tank filter
Allows easy and automatic cleaning of the filter. The nozzle cleans the filter surface by means of water pressure via a special powerful brass cone nozzle.

Nozzle set for Varitank 1.650 Trident filter
Allows easy and automatic cleaning of the filter. The set consists of filternozzle, fastening material, tubes for the connection between filtershaft and filter dish, so that the dish remains removable.

Automatic time-controlled filter cleaner 1/2 ''
Time-controlled filter cleaner makes automatic filter cleaning possible. The nozzle sprays the filter surface at freely adjustable times clean..

Varitank shaft extension 60 cm
The shaft extension with seal ring can be mounted on the filter shaft. The

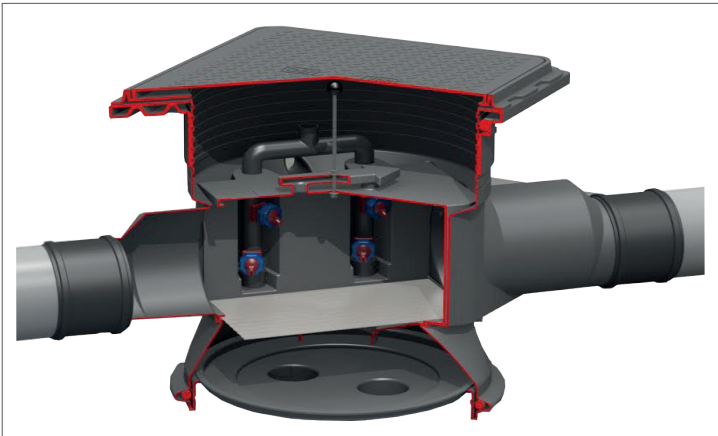
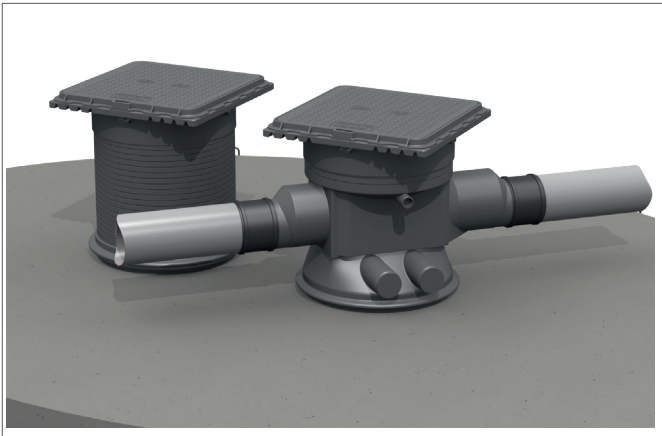
shaft can be easaly shortened. In this way every Varitank cover can made on the desired height, equated to the ground level.

Removal bracket for filter box
The removal bracket for the filter box is the solution if the filter is fitterd far below ground level. Easy and fast removal of the filter box.

Backflow alarm for Trident filters
The filter can be equipped with an alarm sensor that flows back from the overflow signals. This alarm sensor can be connected on an IRM rainwater system that switches to drinking water as an alarm signal comes from the sensor. This will contaminate sanitary appliances, pump and pipes.

Varitank cover set
For every Varitank filter is a wide range of covers available in traffic class A, B en D. See the special Varitank cover pages to choose your suitable cover.

TECHNICAL OVERVIEW



DELIVERY

Product consists of: filter shaft with 6 connections, filter box fitted with 4 filter washers, Trident 1650 filter plate, 2x gentle supply, 2x PVC scovering piece, rubber sealing ring of 25 mm including lubricant, 12x push in rivet and assembly manual.

ORDER DETAILS

Art nr	NAAM
401214	Varitank1.650 Trident filter with filter box
401213	Nozzle connection set 1.650
401251	Automatic time-controlled filter cleaner 1''
403512	Varitank inner shaft 60 cm
401369	Removal bracket for filter box
401158	Backflow alarm for Trident filters
Wide range of covers available, see Varitank covers from GEP.	

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Option: Sprinkler kit Varitank 1650	