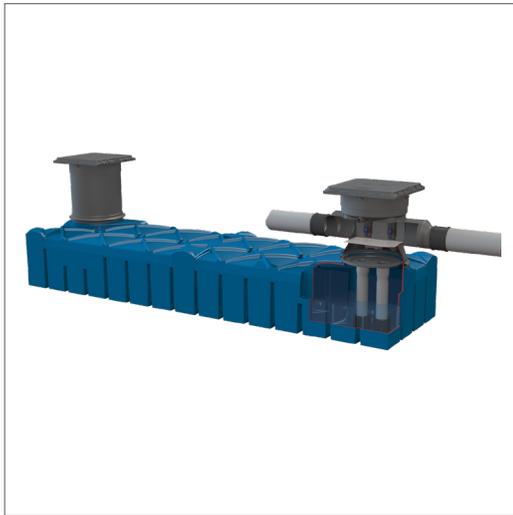


FLATLINE VARITANK 1.650

Rainwater tank made of plastic with built-in rainwater filter



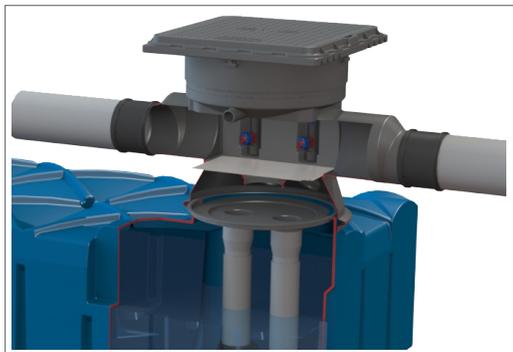
triDENT
Advanced Filtertechnology

PRODUCT DESCRIPTION

The Flatline rainwater tanks are made of PE, made from one piece. The Flatline tank is suitable for storing rainwater from roofs. The tanks are equipped with 3 prefabricated connections with a rubber collar of DN 110. The bottom of the tank is equipped with a floor (pump housing) of approx. 10 cm. This makes it possible to use the full net volume. At the top of the tank a manhole with 60 cm and a PE ring protrudes about 8 cm. The Varitank filter 1650 must be mounted on this. The Varitank filter 1650 consists of a filter housing made of polyethylene (PE), a filter box and a filter flate of stainless steel with triangular blades that are at right angles to the water flow. The distance between the slats is approx. 0.5 mm. The distance between the slats is approx. 0.5 mm. Because the slats are tilted a few degrees, the rainwater is braked and discharged to the tank. The entrained dirt remains behind on the filter flate. In case of heavy rainfall, the excess rain water will drain directly via the filter flate and the remaining dirt will wash away on the filter flate. The Varitank filter is traffic class A taxable. The filter box completely closes the tank and offers extra safety against undesired access of the tank.

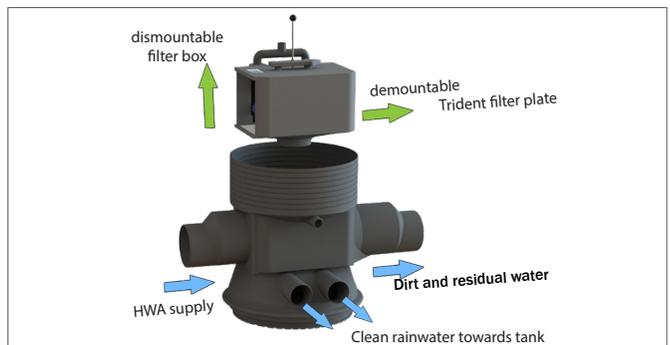
APPLICATION AREA

The tank must be buried at a certain depth, depending on the level of the HWA pipes and ground level. The tanks must remain accessible for maintenance and / or clearance. The Flatline tanks can be placed 2/3 in the groundwater provided there is enough counterweight to prevent thawing. The Flatline tank is traffic-able (class B-125 KN) provided there is a minimum ground cover on the Flatline tank of 60 cm. Ground cover above the tanks is a maximum of 150 cm. The Varitank filter is suitable for filtering rainwater from roofs of houses or buildings with a maximum roof surface of up to 1650 m². The filter shaft is placed on the PE ring of the tank and sealed with a rubber ring. The shaft can be rotated 360 degrees to facilitate the connection of the piping and can be shortened or raised at any desired Width by means of PE attachments. The decay between the supply and discharge of rainwater is 12 mm.

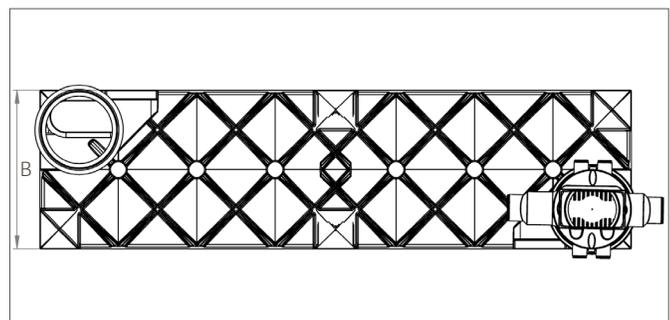
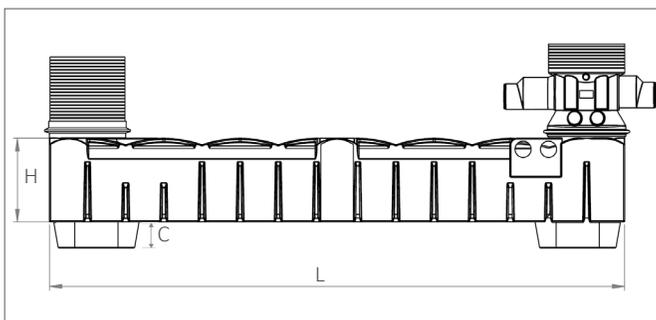


TECHNICAL DATA VARITANK FLATLINE 1.650

Volume in liter	Length L in cm	Width B in cm	Height H in cm	Height C in cm	Connection pfilter sprayer
10.000	592	222	92	10	1"
15.000	668	231	112.5	0	1"



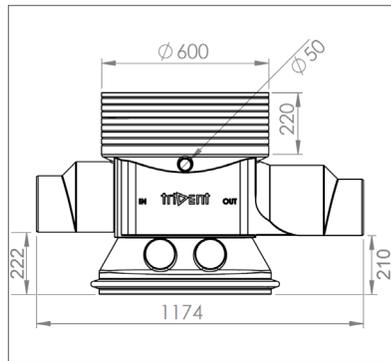
TECHNICAL DRAWINGS



TECHNICAL DATA VARITANK FILTER 1.650

Height in mm:	717
Height IN mm:	222
Height UIT mm:	210
Weight in kg:	ca. 50
Connection in / out in mm:	200/250
Afvoer schoon ø in mm:	2 x 110
Connection of casing pipe in mm:	50
Manhole Ø in mm:	600
Max. dakoppervlak in m ² :	1.650
Height difference on the drain in mm:	12
Housing material:	PE
Material filter plate:	RVS
Connection of nozzle (optional):	1"

TECHNICAL DRAWINGS



PRINCIPESHEMA



OPTIONS

Sprinkler set for Varitank 1.650 Trident filter

The nozzle set ensures that the filter is periodically cleaned. The set consists of a filter nozzle, mounting material and tubes for the coupling between the filter box and filter shaft so that the filter box remains removable.

Automatic time-controlled filter cleaner 1 "

Time-controlled filter cleaner enables automatic filter cleaning. The nozzle will clean the filter surface at freely adjustable times.

Backflow alarm for Trident filters

The filter can be equipped with an alarm sensor that signals backflow from the overflow. This alarm sensor can be connected to an IRM rainwater system that switches to drinking water as soon as an alarm signal comes from the sensor. This prevents contamination of the pump, sanitary pipes and appliances.

Varitank inner shaft 60 cm

The shaft with the sealing ring supplied can be mounted on the filter shaft. The shaft can easily be shortened. Each type of Varitank lid can thus be equated to the ground level on any desired Höhe.

Clutch kit

Complete set for the coupling of two rain washer tanks to each other. Set consists of two tank penetrations and compression fittings for a 50 mm connection tube. This tube is not included.

Flatline suction set

Suction set for a high net volume in the tank. Equipped with suction basket with foot valve, coupling to 1 "wire and a float switch with low switching loss.

Varitank lid set

For every Varitank filter a wide range of lids is available in traffic classes A, B and D. Check the special Varitank lid page to choose which lid is most suitable for your situation.

Removal bracket for filter box

If the pipes, and therefore the filter, are relatively deep below ground level, the removal bracket is a solution to take the box out quickly and easily.

SCOPE OF DELIVERY

Product consists of: Flatline Varitank, filter box, Trident filter flate, 2 quiet feed, manhole shaft, filter shaft, 2 rubber rings with lubricant, 2 telescopic tubes, tube dish, 4 filter nozzles. Tanks are delivered in the color black.

ORDERING INFORMATION

Art nr	NAME	PG	Art nr	Options	PG
403113	Flatline Varitank 1.650 - 10.000 liter	3	401213	Sprinkler set Varitank 1.650 Trident filter	2
403114	Flatline Varitank 1.650 - 15.000 liter	3	401251	Automatic time-controlled filter cleaner 1 "	2
Wide range of lids available, see Varitank lids from GEP.					
			401158	Backflow alarm for Trident filters	2
			403512	Varitank inner shaft 60 cm	2
			403515	Clutch set 50 mm	2
			403659	Flatline suction set	2
			401369	Removal bracket for filter box	2