

# FLEXOLINE VARITANK 1.650

Rainwater well of concrete with built-in rainwater filter



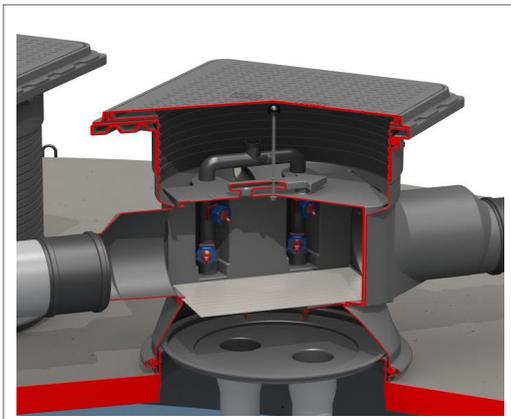
**triDENT**  
Advanced Filtertechnology

## PRODUCT DESCRIPTION

The Flexoline Varitank 1650 consists of a concrete tank and Varitank filter 1650. The walls and bottom form a monolithic whole. The Flexoline rainwater well is suitable for storing rainwater from roofs. The rainwater well consists of a concrete tub and cover flate, sealed with sealant. Two PE rings have been poured into the cover flate and serve as a manhole. These rings are equipped with walkable covers for safety and to prevent pollution. The rings protrude approx. 8 cm above the cover flate. The Varitank filter 1650 filter must be mounted on this. The Varitank filter 1650 consists of a filter housing of 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. 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 thus offers extra (child) safety.

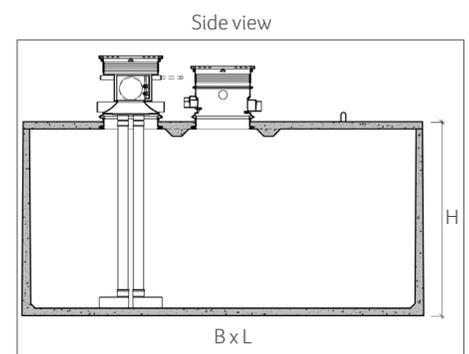
## APPLICATION AREA

The tank must be buried at a certain depth, depending on the level of the HWA pipes and ground level. The tank must remain accessible for maintenance. Ground cover is maximum 80 cm. If there is more ground cover or if there are higher static loads, a distribution flate in reinforced concrete must be applied with a correct finish of the manhole. The Varitank filter is suitable for filtering rainwater from roofs of buildings with a maximum roof surface of up to 1650 m<sup>2</sup>. The filter shaft is placed on the PE ring of the pit 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 FLEXOLINE VARITANK 1.650

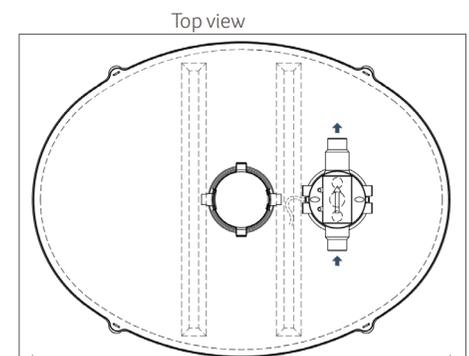
Volume in liter	Length L in cm	Width B in cm	Height H in cm	Weight in kg	Max. Diepte in cm
15.000 Class A	340	290	233	6.850	315
15.000 Class A (small)	430	240	229	7.500	310
20.000 Class A	440	330	210	9.500	290
20.000 Class A (small)	450	290	230	8.880	310
15.000 Class B (small)	430	240	237	9.000	385
20.000 Class B (small)	450	290	238	10.600	315
13.750 Class D	ø274	ø274	265	11.055	345
20.000 Class D	450	300	245	15.000	345



## DELIVERY

GEP loves concrete wells with crane trucks up to 10,000 kg. Those concrete pits were thus given the loveliness of the bed of the condition, which was completed within 30 minutes of the meeting and the location is accessible (Begehraer floor and space for side punching).

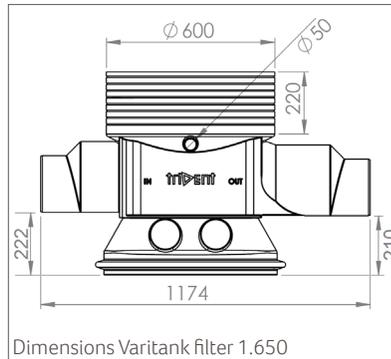
The final decision was made by the driver of the unloading car. In consultation with the driver what allowed to partake, which pit directly emptied in the hole. For concrete pits with a weight of more than 10,000 kg for places where the conditions for independent unloading do not exist, a crane for unloading the concrete pits must be present.



## 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 <sup>2</sup> :	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.

### 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.

### 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.

### 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 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.

## SCOPE OF DELIVERY

Product consists of: a concrete rainwater well with two plastic incrustation rings, provided with four lifting loops, filter shaft with built-in filter box with 4 filter nozzles, plastic covers, rubber rings, lubricant, 2 telescopic tubes, 2 quiet feeds and Trident filter flate with extraction bracket.

## ORDERING INFORMATION

Art nr	NAME	PG	Art nr	Options	PG
403345	Varitank Flexoline 1.650 - 15.000 liter Class A	8	401213	Sprinkler set Varitank 1.650 Trident filter	2
403342	Varitank Flexoline 1.650 - 15.000 liter Class A small	8	401251	Automatic time-controlled filter cleaner 1 "	2
403346	Varitank Flexoline 1.650 - 20.000 liter Class A	8	403512	Varitank inner shaft 60 cm	2
403344	Varitank Flexoline 1.650 - 20.000 liter Class A small	8	401369	Removal bracket for filter box	2
403347	Varitank Flexoline 1.650 - 15.000 liter Class B small	8	401158	Backflow alarm for Trident filters	2
403348	Varitank Flexoline 1.650 - 20.000 liter Class B small	8	403651	TWIST floating suction 2 meters	2
403349	Varitank Flexoline 1.650 - 13.750 liter Class D	8	403652	TWIST floating suction 3 meters	2
403350	Varitank Flexoline 1.650 - 20.000 liter Class D	8		Wide range of lids available, see Varitank lids from GEP.	