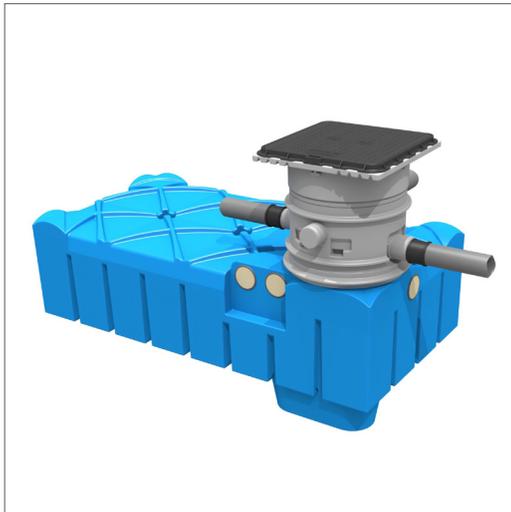


FLATLINE VARITANK 325

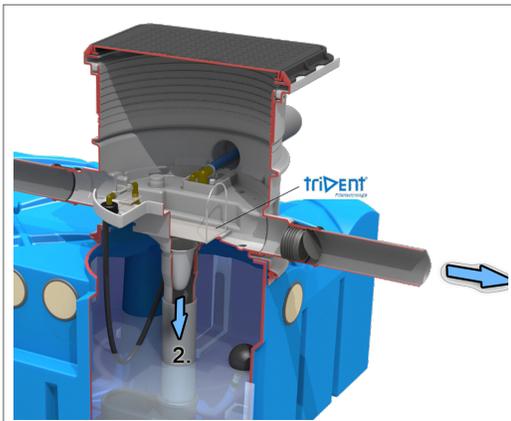
Rainwater tank made of plastic with built-in rainwater filter



triDENT
Advanced Filtertechnology

PRODUCTOMSCHRIJVING

The Flatline Varitank 325 consists of a tank with a Varitank filter. The Flatline Rain Wash Tank s are made of PE and made out of one piece. The Flatline tank is suitable for storing rainwater from roofs. The tanks are fitted with three prefabricated connections with a DN110 rubber sleeve. 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 Manloch has a diameter of 60 cm and a collar that protrudes about 8 cm. The Varitank filter must be mounted on this. The Varitank filter 325 consists of a filter shaft made of PE, a filter tray and a filter flate made 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 filter tray is also equipped with two skimmer overflows. When the tank is full, the excess rainwater will drain away. In the event of heavy rainfall, the excess rain water will drain directly through the filter flate and wash away any remaining dirt. The Varitank filter is traffic class A taxable. The filter dish is completely removable so that the rain well remains accessible for inspection and maintenance. The filter tray is lockable which offers extra (child) safety.



ANWENDINGSGBIET

The tank must be buried on a certain Tiefe, depending on the level of the HWA pipes and ground level. The tank must remain accessible for maintenance. The Flatline tanks can be placed 2/3 in the groundwater provided there is enough counterweight to prevent thawing. The Flatline tank is taxable (class B-125 KN) provided there is a minimum Bodenabdeckung of 60 cm, maximum 150 cm. The Varitank filter 325 is suitable for filtering rainwater from roofs with a maximum roof surface of up to 325 m². The filter shaft is placed on the collar of the tank and sealed with a rubber ring. The shaft can be rotated 360 degrees to simplify assembly and to shorten or raise any desired Höhe using PE attachments. The decay between the supply and discharge of rainwater is 40 mm.

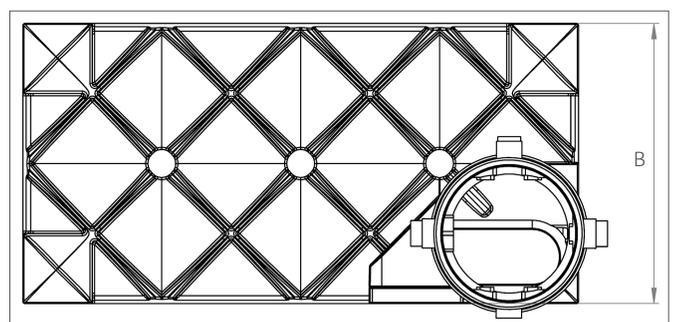
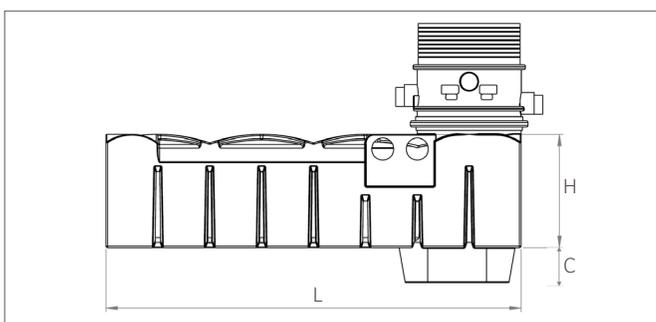
TECHNICAL DATA FLATLINE VARITANK 325

Volume in liter	Length L in cm	Width B in cm	Height C in cm	Height H in cm	Weight in kg
1.500	240	120	10	88	80
3.000	240	240	10	88	170
5.000	296	222	10	121.5	250
7.500	334	231	0	126.0	310
10.000	592	222	0	121.5	500
15.000	668	231	0	126.0	620



Detail: child-safe dish with Trident filter and filter cleaner

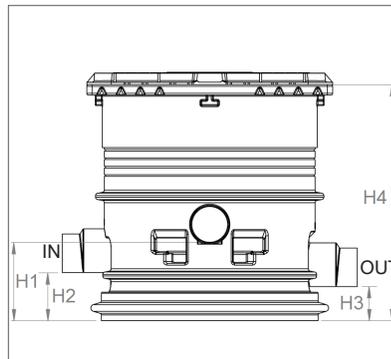
TECHNICAL DRAWINGS



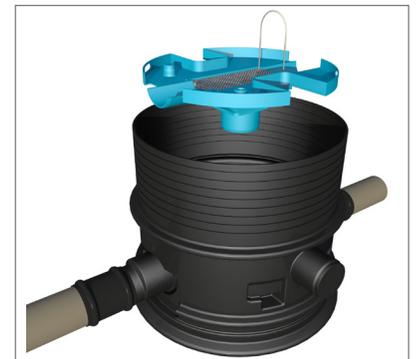
TECHNICAL DATA VARITANK FILTER 325

Height H1 in mm:	223
Height H2 in mm:	137
Height H3 in mm:	97
Height H4 in mm:	450-600
Weight in kg:	20
Connection in / out in mm:	110/125
Connection of casing pipe in mm:	2x 110
Manhole Ø in mm:	600
Max. roof area in m ² :	325
Height difference on the drain in mm:	40
Housing material:	PE
Material filter plate:	RVS
Connection of nozzle (optional):	1/2"

TECHNICAL DRAWINGS



PRINCIPESHEMA



OPTIONS

Sprinkler set for Varitank filter 325

The nozzle set ensures that the filter is periodically cleaned. The set consists of a filter nozzle, mounting bracket and hose for the coupling between the filter tray and filter shaft so that the dish remains removable.

Automatic time-controlled filter cleaner 1/2 "

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

Fine filter bag

The fine filter can be placed under the Trident filter flate. This filter bag filters very finely to a mesh size of 150 µm. This fine filter can be used in places where high demands are placed on the water quality.

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 be easily equated to the ground level.

Check valve for Trident 150 tank filter

Valve to place behind the filter in the drain. Plug-in model, suitable for 110 mm pipe sections. Reduces the risk of backflow from the overflow towards the tank. Material polypropylene black, with flexible rubber lining.

Clutch kit

Complete set for coupling two rainwater tanks together. 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.

SCOPE OF DELIVERY

Product consists of: Flatline Varitank, filter dish, Trident filter flate with removal bracket, quiet supply, telescopic tube, child-proof lockings and rubber ring with lubricant. Tanks are delivered in the color black.

ORDERING INFORMATION

Art nr	NAME	PG	Art nr	Options	PG
403101	Flatline Varitank 325 - 1.500 liter	3	401152	Sprinkler set for Varitank filter 325	2
403102	Flatline Varitank 325 - 3.000 liter	3	401155	Automatic time-controlled filter cleaner 1/2 "	2
403103	Flatline Varitank 325 - 5.000 liter	3	401157	Fine filter bag	2
403104	Flatline Varitank 325 - 7.500 liter	3	401158	Backflow alarm for Trident filters	2
403105	Flatline Varitank 325 - 10.000 liter	3	403512	Varitank inner shaft 60 cm	3
403106	Flatline Varitank 325 - 15.000 liter	3	401165	Check valve for Trident 150 tank filter	2
			403515	Clutch kit	2
			403659	Flatline suction set	2

Wide range of lids available, see Varitank lids from GEP.