

BLUELINE VARITANK 325

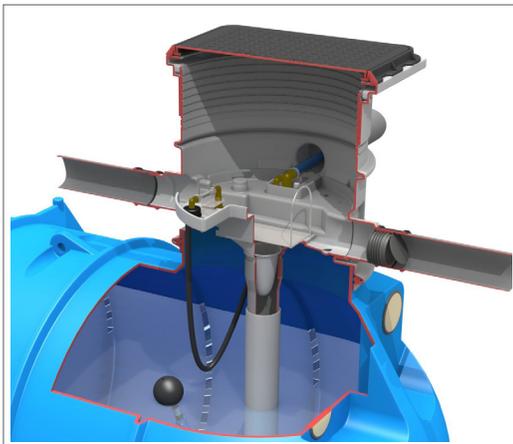
Rainwater tank made of plastic with built-in rainwater filter



triDent
Advanced Filtrertechnology

PRODUCT DESCRIPTION

The Blueline Varitank 325 consists of a PE tank with Varitank filter 325. The Blueline rainwater tanks are made of PE, manufactured in one piece. The Blueline tank is suitable for storing rainwater from roofs. The tanks are equipped with 3 prefabricated connections with a rubber sleeve of DN 110. At the top of the tank a manhole is provided with 60 cm and a PE ring protrudes about 8 cm. The Varitank filter must be mounted on this. The Varitank filter 325 consists of a filter shaft made of polyethylene (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. 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. The filter tray is also equipped with 2 skimmer overflow. When the tank is full, the excess rainwater will drain away. 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 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.



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 Blueline tanks can be placed in the groundwater for 1/3 part, provided there is enough counterweight to prevent thawing. The Blueline tank is traffic-able (class B-125 KN) provided there is a minimum ground cover on the Blueline tank of 60 cm. Ground cover above the tank is a maximum of 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 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 drainage rainwater is 40 mm.

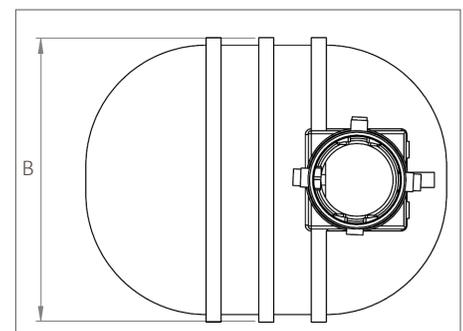
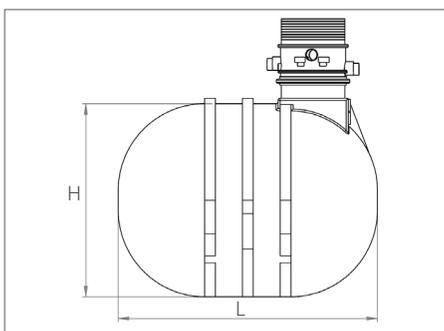
TECHNICAL DATA BLUELINE VARITANK 325

Volume in liter	Weight in kg	Length L in cm	Height H in cm	Width B in cm
2.500	90	240	159	Ø 136
5.000	150	240	225	Ø 201
7.500	210	277	233	Ø 231
10.000	340	340	233	Ø 231



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

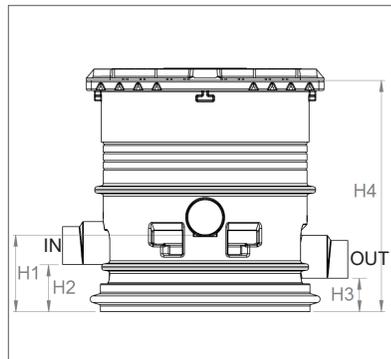
TECHNICAL DRAWINGS



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 m2:	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.

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: Blueline Varitank, filter dish, Trident filter flate with extraction 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
403202	Blueline Varitank 325 - 2.500 liter	3	401152	Sprinkler set for Varitank filter 325	2
403203	Blueline Varitank 325 - 5.000 liter	3	401155	Automatic time-controlled filter cleaner 1/2 "	2
403204	Blueline Varitank 325 - 7.500 liter	3	401157	Fine filter bag	2
403205	Blueline Varitank 325 - 10.000 liter	3	401158	Backflow alarm for Trident filters	2
Wide assortment of lids deliverable, see Varitank lids from GEP.			403512	Varitank inner shaft 60 cm	3
			401165	Check valve for Trident 150 tank filter	2