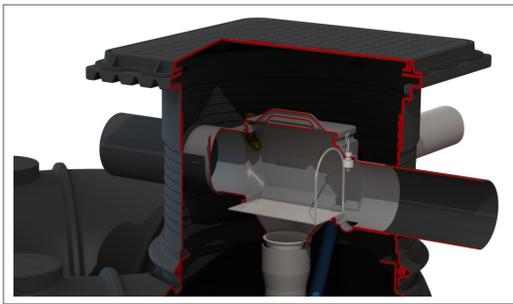


# NEOLINE VARITANK 450

Rainwater tank made of plastic, groundwater resistant



**trident**  
Advanced Filtrertechnology

## PRODUCT DESCRIPTION

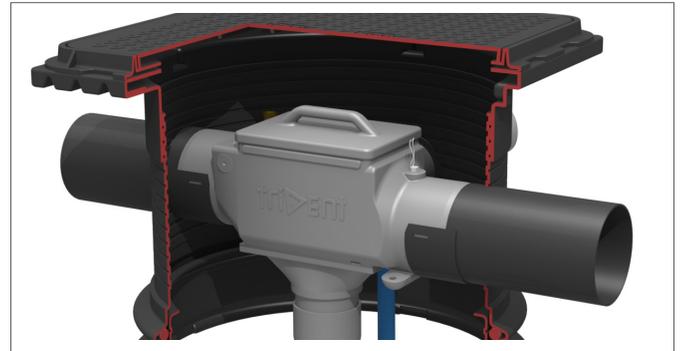
The new generation of rainwater tanks, with optional pre-assembled Trident filter, can be quickly and easily dug in and connected. Very shallow, so very easy to place! Low earthworks and short assembly times. Available up to 40,000 liters. The Neoline Varitank is resistant to groundwater\* (up to 50 cm) and class B traffic-loadable. Thanks to special float switch, a large net tank volume is made possible. The filter shaft is provided with a filter housing in which the Trident filter flate is located. The filter housing can be disassembled via click connections, which makes the tank accessible. The filter shaft is rotatable relative to the tank and can be shortened. Neoline tanks can be interconnected with a coupling set. Tanks can be fitted with shaft extensions or lids. (These are not included as standard)

## APPLICATION AREA

The Neoline rainwater tanks are designed for the storage of rainwater and must be installed underground. The filter capacity of the Trident filter shaft is for a roof surface of up to 450 m<sup>2</sup>. The tanks are resistant to light traffic and can be partially placed in the groundwater. Use the installation instructions.

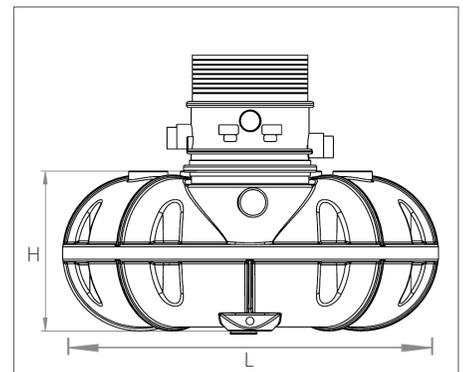
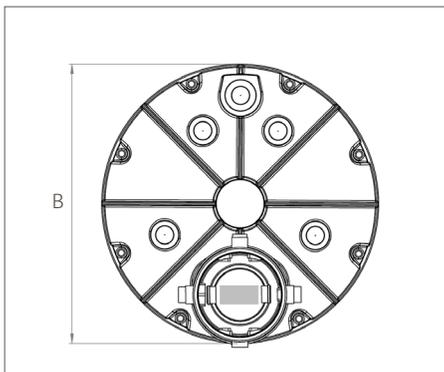
## TECHNICAL DATA NEOLINE VARITANK 450

| Volume in liter | Length L in cm | Width B in cm | Height H in cm | Weight in kg |
|-----------------|----------------|---------------|----------------|--------------|
| 1.500           | 192            | 192           | 75             | 50           |
| 3.000           | 234            | 234           | 104.7          | 100          |
| 5.000           | 340            | 232           | 112            | 170          |
| 8.000           | 442            | 230           | 126            | 240          |
| 10.000          | 542            | 230           | 126            | 300          |
| 15.000          | 802            | 230           | 126            | 460          |



Detail of pre-assembled Trident 450 tank filter

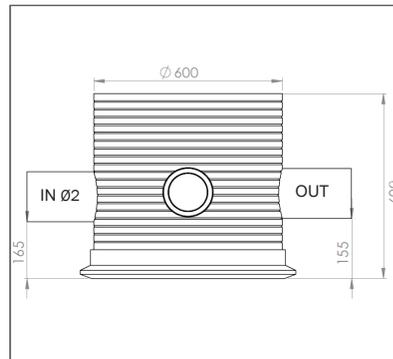
## TECHNICAL DRAWINGS



### TECHNICAL DATA VARITANK FILTER 450

|                                  |          |
|----------------------------------|----------|
| Height H1 in mm                  | 223      |
| Height H2 in mm                  | 137      |
| Height H3 in mm                  | 97       |
| Height H4 can be shortened in mm | 350-600  |
| Connection of inlet IN in mm     | Ø160     |
| Connection overflow OUT in mm    | Ø160     |
| Connection of casing pipe in mm  | 2 x Ø110 |
| Manhole in cm                    | Ø60      |
| Material shaft                   | PE       |
| Material filter plate            | RVS      |

### TECHNICAL DRAWINGS



### PRINCIPESHEMA



### OPTIONS

#### Nozzle set for 450 tank filter

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, pipes and equipment.

#### 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.

#### Neoline 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 Neoline Varitank, filter housing, filter cover and Trident filter flate with removal bracket, quiet supply and telescopic tube and rubber ring with lubricant. Tanks are delivered in the color black.

### ORDERING INFORMATION

| Art nr  | NAME                                | PG | Art nr | Options  | PG |
|---|-------------------------------------|----|--------|--|----|
| 403190  | Neoline Varitank 450 - 1.500 liter  | 3  | 401151 | Nozzle set for 450 tank filter                 | 2  |
| 403191  | Neoline Varitank 450 - 3.000 liter  | 3  | 401155 | Automatic time-controlled filter cleaner 1/2 " | 2  |
| 403192  | Neoline Varitank 450 - 5.000 liter  | 3  | 401157 | Fine filter bag                                | 2  |
| 403193  | Neoline Varitank 450 - 8.000 liter  | 3  | 401158 | Backflow alarm for Trident filters             | 2  |
| 403194  | Neoline Varitank 450 - 10.000 liter | 3  | 403512 | Varitank inner shaft 60 cm                     | 2  |
| 403195  | Neoline Varitank 450 - 15.000 liter | 3  | 403515 | Clutch kit 50mm for plastic tanks              | 3  |
| Wide range of lids available, see Varitank lids from GEP. |                                     |    | 403659 | Neoline suction set                            | 2  |