

TRIDENT INDUSTRY BASEMENT FILTER

Rainwater filters for indoors for roof areas from 2,000 to 10,000 m²



PRODUCT DESCRIPTION

Trident filters are a highly efficient dynamic rainwater filter, ensuring that a maximum volume of water passes through the filter and into the tank. The filter acts as the first step in the rainwater treatment process and has the capability to reduce the overall lifetime cost of the entire rainwater harvesting system.

With a range of pre-tank filters and tank filters with skimmers, Trident filters are flexible to suit in almost any tank; improving tank life, reducing maintenance and capable of handling high volume harvesting needs.

- +90% Efficiency 700µm
- Rapid separation of waste and clean water
- Dirt resistant and large effective filter grid
- Automatic cleaning reduces maintenance required
- Ideal for rainwater harvesting

APPLICATION AREA

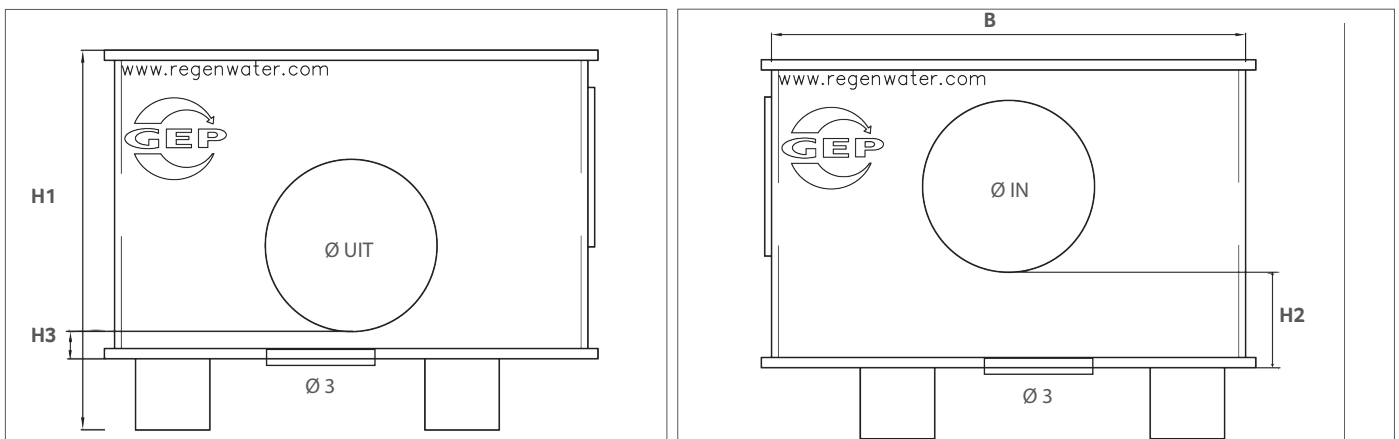
The Trident industry cellar filter is intended to be mounted into a basin or water cellar. The Trident industry cellar filter is suitable for filtering rain water from roofs of buildings with a roof surface up to 10,000 m² (based on 300 litres/sec/ha). Larger models available on request. The Trident industry cellar filter for industrial construction shall be built-in inside or in front of a rain water cellar.

TECHNICAL DATA

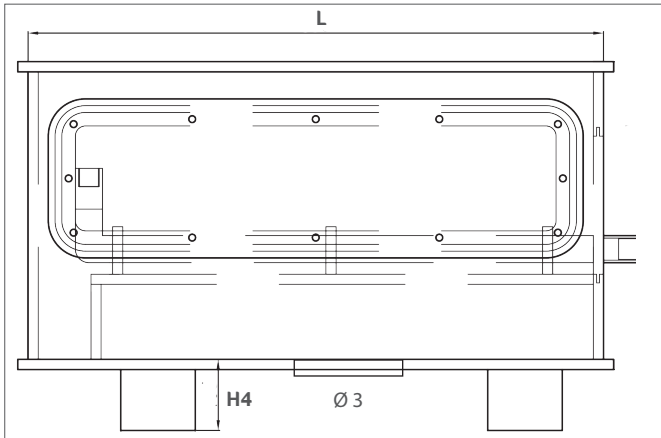
	Trident 2.000	Trident 3.000	Trident 6.000	Trident 10.000
Length L in mm:	850	1.100	1.570	2.150
Width in mm:	700	700	570	700
Height H1 in mm:	560	620	735	835
Height H2 in mm:	126	126	126	126
Height H3 in mm:	25	25	25	25
Height H4 in mm:	105	105	85	85
Height difference to the drain in mm:	101	101	101	101
Spray pipe connection:	1" bi	1" bi	1" bi	1" bi
Number of nozzles:	4	5	7	8
Minimum flow rate nozzles in l / min:	57	69	97	125
Connection IN / OUT in mm:	Ø 250	Ø 315	Ø 400	Ø 500
Connection OFF clean water in mm:	4 x Ø110	4 x Ø110	6 x Ø110	8 x Ø110
Weight in kg:	ca. 37	ca. 49	ca. 58	ca. 89
Connection from clean water * in mm:	Ø200	Ø250	Ø315	Ø400

* Connection must be milled open.

TECHNICAL DRAWING



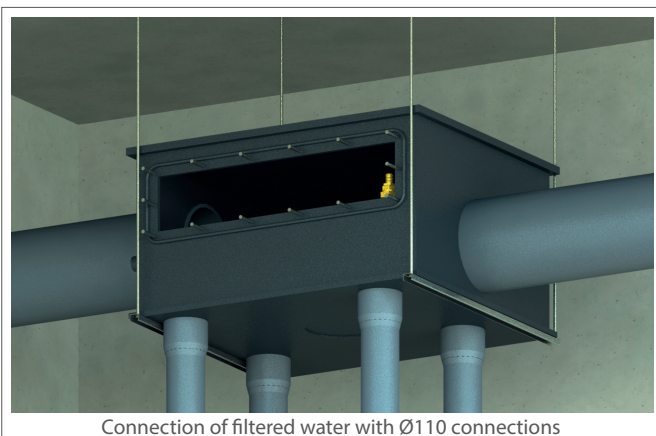
TECHNICAL DRAWING



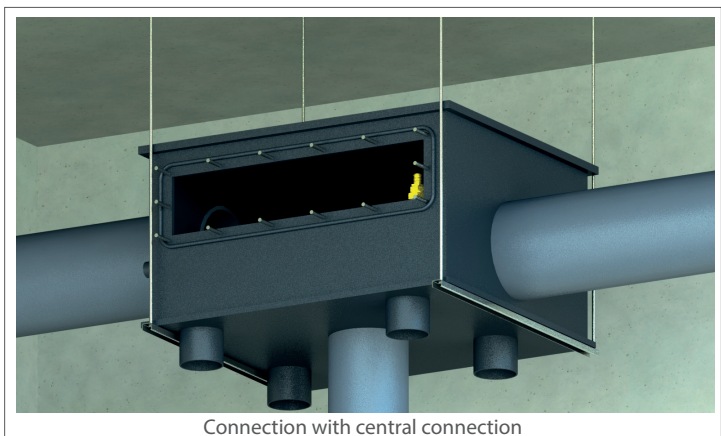
OPTIONS

Automatic time-controlled filter cleaner 1/2 ''
 Time-controlled filter cleaner makes automatic filter cleaning possible. The nozzle sprays the filter surface at freely adjustable times clean.

TECHNICAL OVERVIEW



Connection of filtered water with $\text{Ø}110$ connections



Connection with central connection

DELIVERY

Product consist of: filter housing, detachable side hatch, Trident filter plate, pre-assembled filter nozzles and assambly manual

ORDER DETAILS

Art nr	NAAM	PG
401270	Trident 2.000 Basement filter including nozzles	4
401271	Trident 3.000 Basement filter including nozzles	4
401272	Trident 6.000 Basement filter including nozzles	4
401273	Trident 10.000 Basement filter including nozzles	4
401251	Automatic time-controlled filter cleaner 1''	4