



Evo Integral INOX DN150

No.: 1200510

Description:

Rainwater harvesting filter for roof areas up to 627m² made of Polyethylen with a V-shaped filter insert made of stainless steel.

The filter can be installed inside a rainwater tank made of concrete or polyethylen.

The filter plate made of stainless steel with his V-shapes insure the highest efficiency of more than 90% and a long lifetime thanks to his strong construction.

The dirt bigger than 0,7mm will be hold back and washed out with the next rainfall to the sewer.

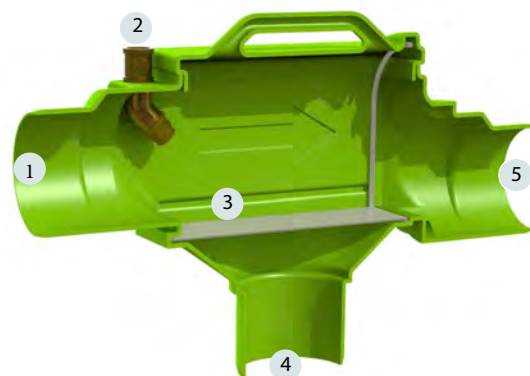
Connection capacity according to DIN 1986: for roof areas up to 627 m² at a rainfall intensity of 300 l/(sxha)

Inlet rainwater:	DN150
Outlet to storage:	DN100
Outlet to sewer:	DN150

The cleaned rainwater can be used for gardening, washing machines or toilet flushing.

Filter has to be cleaned depending on the contamination 1 - 2 times during the year.

Can be optionally installed with a automatic backwash device.

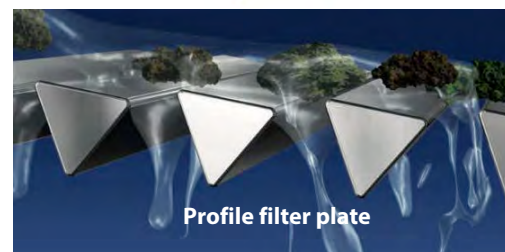


How it works:

1. Rainwater inlet to the first chamber of the filter.
2. Optionally backwash device, can be installed in order to clean the filter insert without removing this from the filter housing.
3. Rainwater will be cleaned by the V-shaped stainless steel filter plate of bigger dirt particles then 0,7mm. The filter plate can be easily removed with an removal bar.
4. Cleaned water flows to the rainwater storage tank, where it can be pumped up to the using points.
5. Sewer connection. Dirt particles will be directed to the sewer .



V-shaped filter insert



Profile filter plate

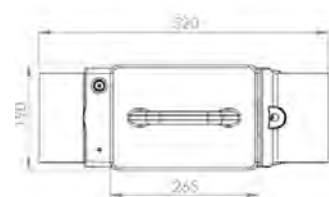
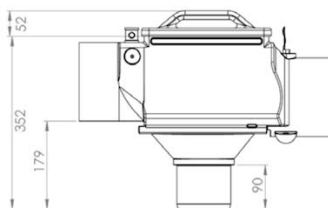
Technical Data:

Filter according to DIN 1989-2, Typ C

Rainwater Inlet:	DN150
Outlet to storage:	DN100
Outlet to sewer:	DN150

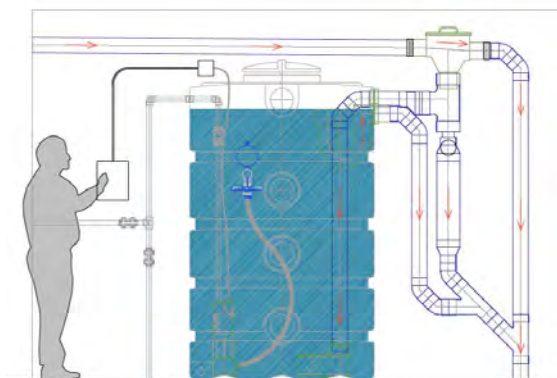
Material Filter casing: Polyethylen
Material Filter sieve: Stainless steel
1.4301 Mesh size: 0,7mm
Filter sieve easily removable

Weight: 2 kg



Example 1:

Installation of the filter in an above ground Tank including first flush



Tested:

with test certificate

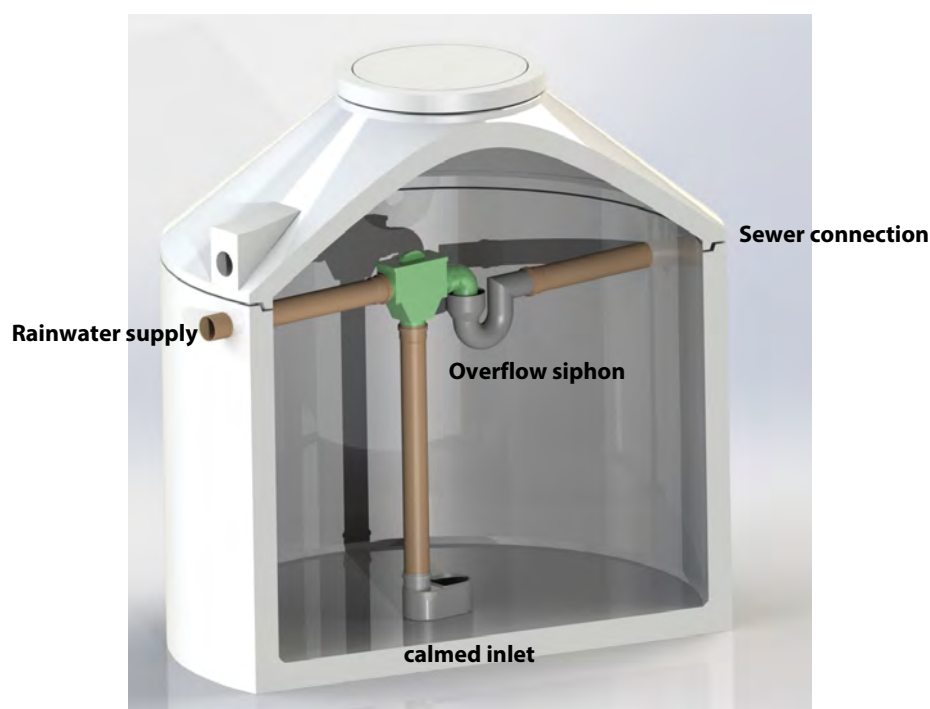


More than 80% of the average intensity rainfall in Germany is under 15 l/(sxha), resulting a volume flow rate of 0,94 l/s with a roof area of 627 m².

Text for invitation of tenders:

Pos.	Quantity	Article
1.1	_____	Evo Integral Inox DN150 rainwater filter Typ C according DIN1986-2 for an installation inside a polyethylen or concrete tank.

Filter plate made of stainless steel with a mesh size of 0,7mm.
 Pipe diameter rainwater inlet: DN150, storage outlet diameter: DN100, sewer outlet: DN150.
 Connectable area with a rain intensity of 300l/(sxha) 627m².
 Optional automatic backwash device.
 High efficiency filter with more than 90%.



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Our promise:
 All our products are

