

## The 3P Technik Volume Filter from THE RAIN WELL

The benefit of a cistern filter is to improve rainwater quality, reduce cistern maintenance, and extend life of the pump. The first few minutes of rainwater coming from the roof at the beginning of a rainstorm carries all of the particles and debris from the rooftop such as bird feces, air pollution particulates, and organic debris.

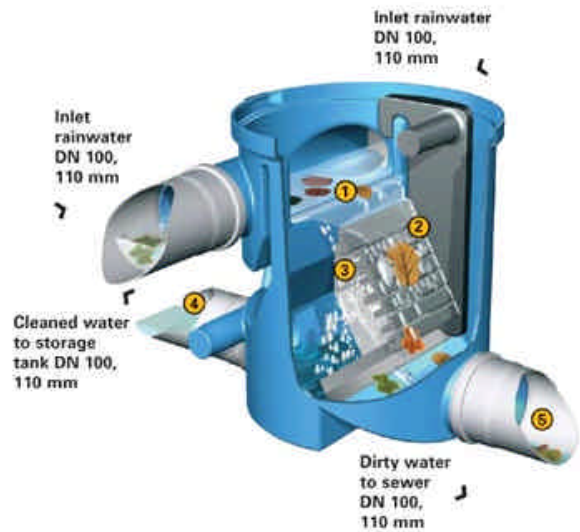


The 3P Technik Volume Filter, VF1, handles large volumes of rainwater runoff. The high capacity filter has two inlets that can be connected to 4 inch pipes.

The filter housing is frost resistant and made out of high quality, recyclable, PE plastic, with the secondary mesh made from stainless steel. Ideal for below ground installations. The outlet that drains to the cistern is horizontal.

- 1) The water level rises and builds up in the sump and is equally distributed across the cascade.
- 2) Pre cleaning through the cascades. Largest dirt particles are led across the primary filter cascades directly to the dirty water outlet.

- 3) Pre-filtered water then flows over the secondary filter sieve (0.55 mm mesh size). Due to the special mesh structure of the sieve, any dirt washes directly into the dirty water outlet which means the filter is self cleaning with very low maintenance.
- 4) Clean water flows to the cistern.
- 5) Dirt goes to the dirty water outlet.



It is recommended to install Gutter Filter gutter protection to limit the amount of large debris entering the VF1 filter.

Rainwater storage usages include **rainwater harvesting, fire suppression, water conservation, irrigation, livestock water, toilet, and clothes washers.**

Order online at [www.therainwell.com](http://www.therainwell.com).

### Specifications

Mesh (mm)	Width (in.)	Depth (in.)	Height (in)
0.55	18.5	19.5	19