

SlimRain Horizon Rainwater Filter

**ONLY 5 cm!
HEIGHT DIFFERENCE!**



UK agent and
distributor for



Products for
rainwater utilisation



Minimum height difference, in-line filter

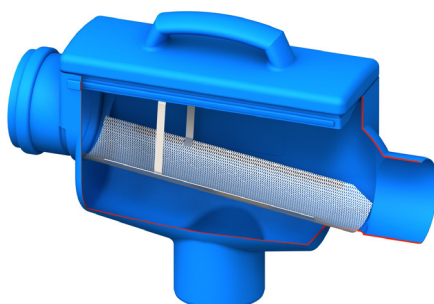
The new *Horizon* rainwater filter from slimRain® is a simple design using high grade 1.4301 stainless steel near-horizontal mesh, mounted in a robust polyethylene housing.

The 900µ mesh is a finer grade than can be found in most other rainwater filters, and is proven to be extremely effective at removing the most debris, whilst still maintaining high efficiency even at considerable flow rates.*

The *Horizon* filter is both simple to fit and easy to maintain. Cleaning is required only 3-4 times each year and is achieved in minutes.

There are no moving parts and none that require replacing. *Horizon* filters are effective, efficient and inexpensive.

Leaves & other debris are rinsed away from the filter mesh through the drain outlet. Clean water passes through the bottom outlet.



- Suitable for roof areas up to 200m²
- Connects to standard 110mm storm water pipe
- Only 52mm height difference between inlet and overflow
- High quality stainless steel element
- Simple sloping design removes all material greater than 0.9mm
- Virtually all leaves, moss, insects, etc. are washed out through the overflow
- Designed for installation directly into an underground tank
- Also for fitting on top of above ground tank
- No restriction or obstruction of water flow through the appliance (conforms to DIN1986)
- More than 90% efficient
- Minimum maintenance

Horizon Rainwater Filter

Simple design

The simple design of the filter element prevents leaves and other debris from entering the storage tank.

Unlike *Vortex* or *LineAr* filters, the mesh is set at an incline so that leaves and other debris are rinsed off by the action of the flowing water. However, this does cause the filter to be more prone to accumulate leaves on the surface. For this reason it is important to clean the filter more frequently, particularly during the autumn.

The filtered water passes through the mesh and drops through the bottom outlet into a pipe fitted with a calming device. The fine filter mesh does not permit any particles greater than 900 microns to pass through. This ensures a good degree of cleanliness of the naturally soft harvested rainwater; perfect for watering plants, filling ponds etc.

High-quality construction with 5-year guarantee

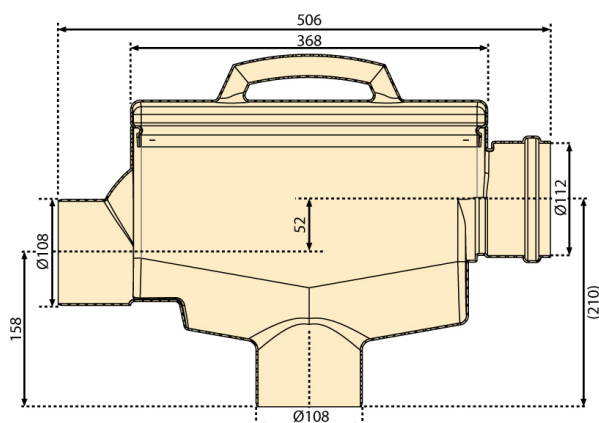
The *Horizon* filter is a robust unit and its filter element is made of high grade stainless steel. There are no moving parts and none that require replacing. Like all our filters, they have a full 5-year guarantee.

Technical data	
Height difference between inlet & drain outlet	52mm
Filter mesh size	0.9mm
* Water yield at 1.4 l/sec.	>90%
Diameter of connecting pipes	110mm (100mm ID)
Maintenance frequency	3-4 times per year

The filter element is easily removed for cleaning

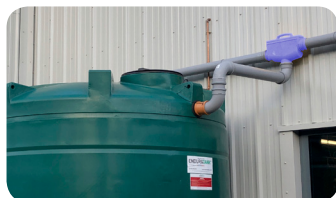


1. Filter housing
2. Filter element
3. Rainwater inlet
4. Filtered water outlet
5. Waste outlet / overflow
6. Housing cover



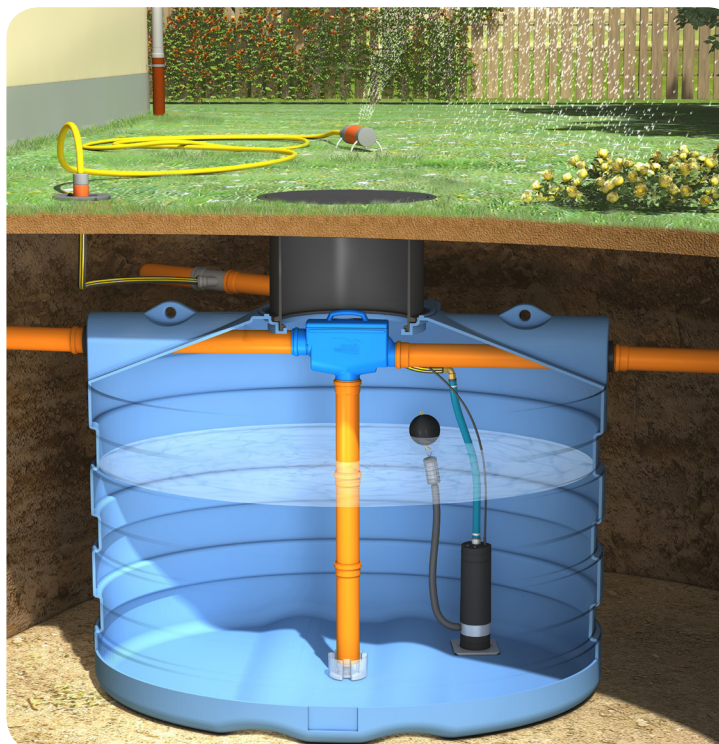
Compact

The compact design allows the filter to be easily fitted into the access shaft of an underground tank.



Versatile

LineAr filter can also be mounted above or directly on top of an above-ground tank.



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