

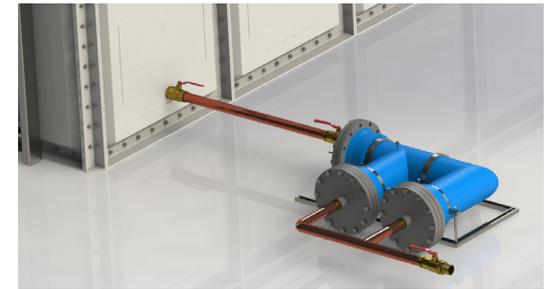
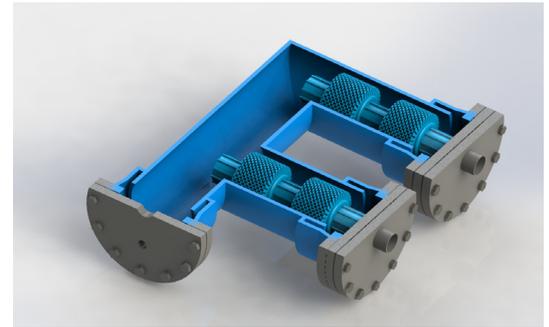
Inline Disc Filter System Introduction

The Inline Disc Filter System, is a plug and play, pre-assembled unit. It can be installed quickly, on site and begins working immediately. The unique nature of the disc components, enables filtration levels to be customised to suit the user's requirement, therefore providing the optimum filtration that is required. Our filter disc suction filter technology is 200 times more effective than conventional mesh screens. As standard the filter is set up to operate at a filtration level of 1000 microns.

The Inline Disc Filter is simple to maintain, and because it is installed externally to the tank, the tank does not need to be drained to get access to the filter. The unique filter components simply lift out of the system and can be cleaned by running a finger across the discs with flowing water. No chemicals and no specialist equipment required.

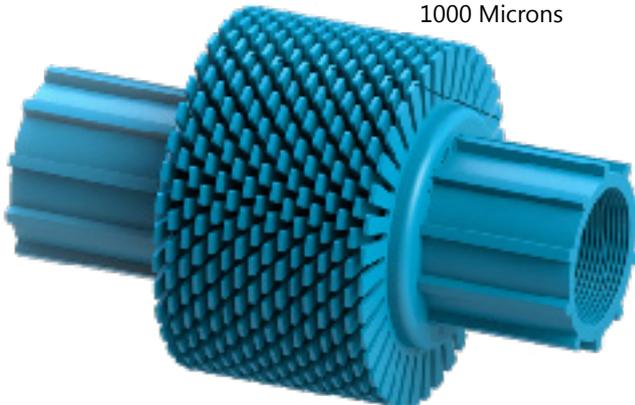
The nature of the Inline Disc Filter System is that it is completely modular, in its construction, allowing multiple filters to be linked together to meet increased filtration demands. The unit is manufactured from PE, which is corrosion resistant. The system can accommodate various flow rates

An exceptional product to meet your rainwater harvesting filtration needs.



Products supplied

1000 Microns



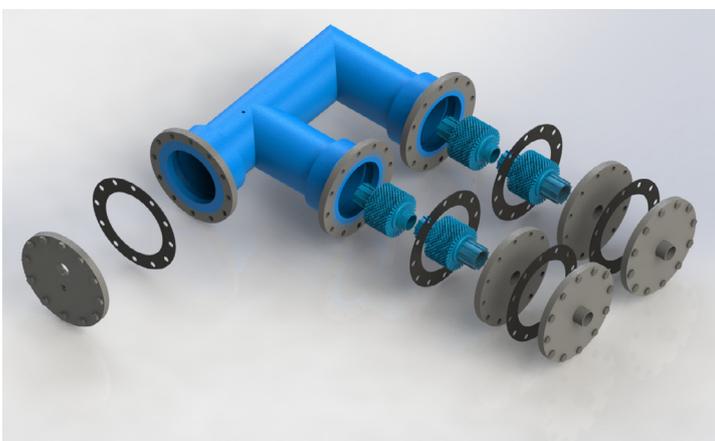
- Lightweight PE construction
- Extremely strong and durable.
- Simple to Maintain
- Operates using gravity feed
- No moving mechanical parts
- Requires No Power

Unique Design

- Results in high flow area whilst maintaining exceptional structural rigidity.

Conventional filter screens offer limited resistance to blocking due to their relatively small screen surface area. Many pumps are operated without the inclusion of any inlet filter screen, this ultimately leads to the premature failure of the pump or downstream system due to the ingress of undesirable debris. this would mean the rainwater system would not comply with British Standards 358515, which must have a fitted water inlet. The Inline Disc Filter System eliminates this.

The structure of the discs create an elliptical flow. This prevents the risk of vortexing, which can be detrimental to pump failure. Not only will the Inline Disc Filter clean your harvested rainwater to 1000 microns, but also increase the lifecycle of the whole system.



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Filter Component



Key features

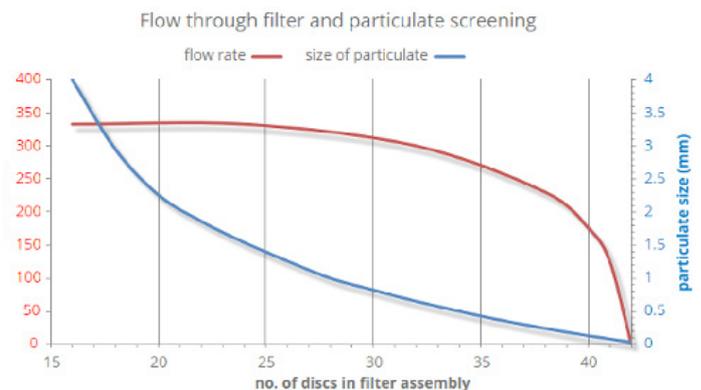
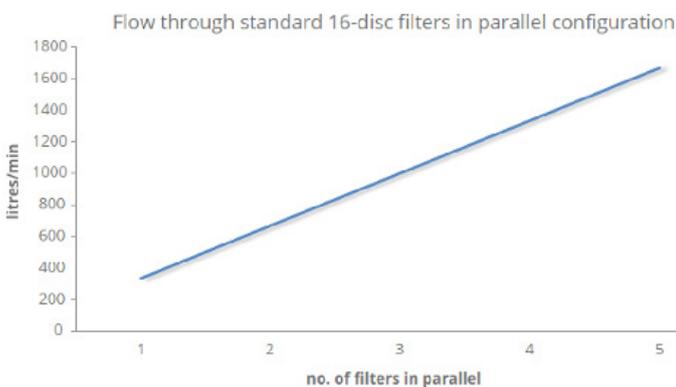
The Inline Disc Filter System includes a series of discs which screen particulates of approximately 1mm/1000microns and above. Screening of smaller particulates is achieved by installing additional discs (packs of 16 available separately) onto the assembly. The maximum number of discs that should be installed is 42, providing screening of 1000 microns.

The filter is supplied with two 2" BSP multi purpose adaptors which can either act as a cap or by knocking out the inner disc, as a straight connector.

Easily adaptable for shallow submersion, to enable the filter to operate in a relatively shallow water depth without the ingress of air, the discs have break-off tabs allowing a portion of the disc to be broken off to facilitate lower immersion. In this case, the minimum depth of water is 130mm.

The filter can be cleaned by simply running a finger along the discs. Heavier contamination may be removed by rinsing the discs in a container of water, or by hosing down.

Performance

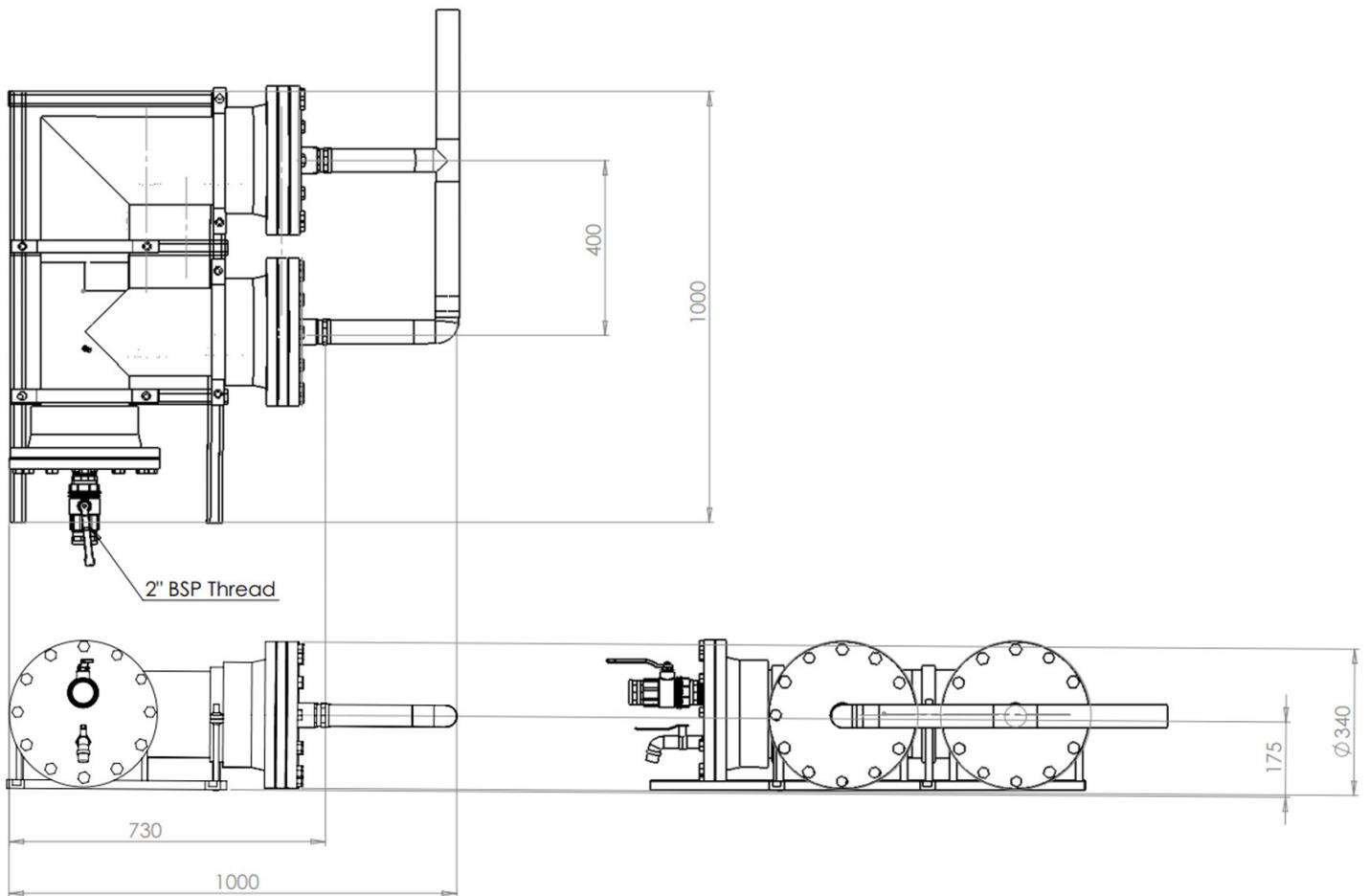


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Technical Drawing



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