

An eco-conscious venture of

VEERAPPAN STEELSTM
VEERAPPAN GANESH ENTERPRISES

over
70
Years
trust & experience



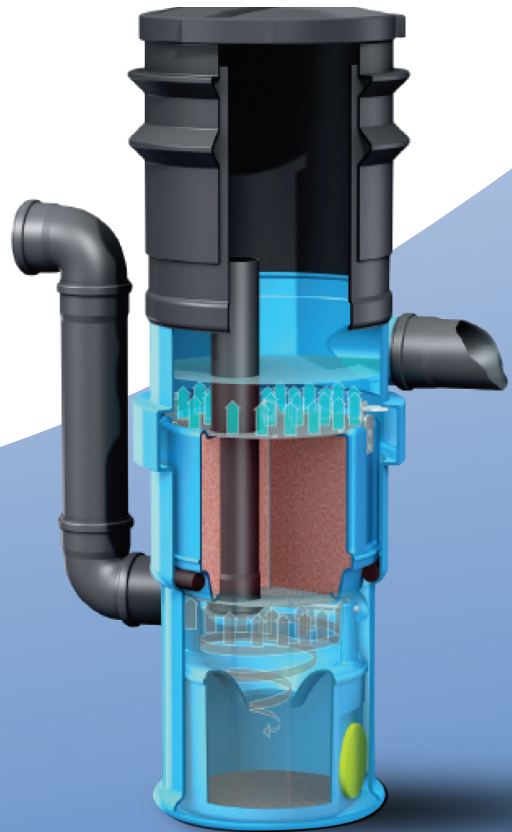
**Rain
Beaver**
Downpour to Drinkable

WORLD'S PUREST

Rainwater Filtration Output!

India's 1st

Live Rainwater Harvesting
Experience Centre.



Why
CHOOSE US?



Harvest the
Purest Water



Widest Range
of Filters



Unmatched
Flow Rates

OUR PRODUCTS



Centrifugal Filter

Product Overview :

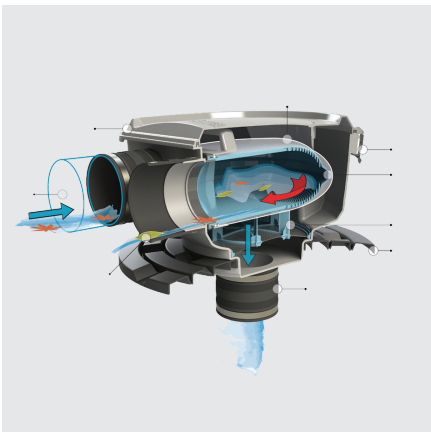
Rain Beaver's Centrifugal Range Of Filters Comprises A Range Of Dual Intensity Filters Suited To Your Roof Area. With Uv Treated, Food Grade High Density Polyethylene, Designed To Last A Lifetime And Wouldn't Break Your Wallet As Well.

Working Principle :

At Low Rainfall Rate It Works Under The Principle Of Cohesive Action And High Flow Rate It Works At Centrifugal. As The Flow Rate Increases, the Efficiency Of The Filters Also Increases.

Suitable For Small & Medium Houses

Supports Clean Water Flow water Of 8lps, Super Durable & Food Grade Material, No Operational Costs Or Replacements, Cost Effective, Easy Debris Out, Easy Adjustable, Up



Super Flow Filters

Product Overview :

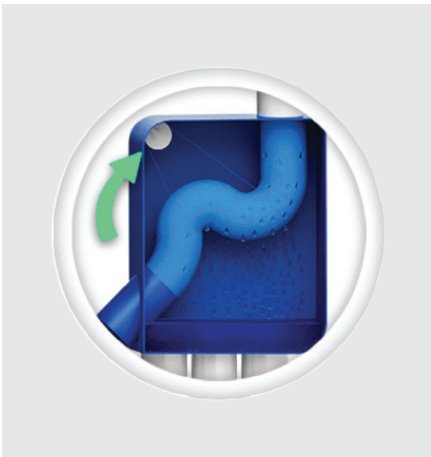
Rain Beaver's high flow rate models are designed to handle large volumes of flow rate without any compromise in filter's microns size.

Working Principle :

The filter is designed to make a U turn where the water's velocity is dropped at the point filtration and thus capable of dealing with high turbulence as well as a fine filtration.

Suitable For Medium - Large Roofs 3000 - 5000 Sqft

Supports clean water flow water of up to 16LPS, super durable & food grade material, no operational costs or replacements, cost effective, less head loss, options of ABS plastic or stainless steel, easy debris out, easy adjustable fixtures, suitable for horizontal plumbing filtration, filters up to 180 microns.



Ultra-flow Filters

Product Overview :

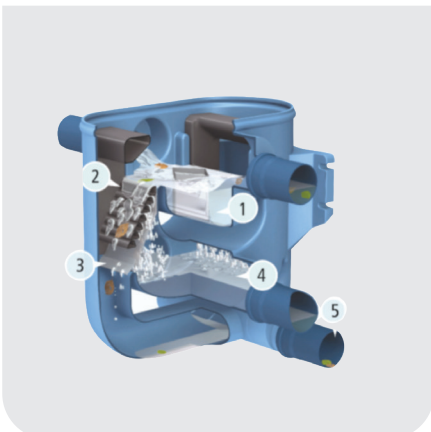
Rain Beaver's Ultra-flow filters provide handling of extreme clean water flow rates with impressive fine filtration media that is designed to accommodate high velocity also.

Working Principle :

The filtration media is designed to be flexible and recoils itself as per the velocity exerted on it. This flexibility allows high flow rate and easy washout of debris once the filter media recoils to its original state at lower flow rates.

Suitable For 1000 - 10,000 Sqft

Clean water flow rates of whopping 45LPS @ 95% efficiency. World's most finest filtrations of up to 60 microns, fiberglass outer body allows neat painting, finishes on top of it. Competition leading filtration and flow rates. High quality long lasting outer shell. Dual outlet allows ensures high flow even during torrential climatic conditions. Super compact.



Large Debris Deflection Filters

Product Overview :

Designed to remove larger debris such as maple leaves and plastic wrappers without blockage or choking. With a large reservoir area, the filters provide flexibility to accommodate large flow.

Working Principle :

The principle follows a basin where the velocity is dropped, then the separation happens in cohesive action where the debris are flushed out with a weir and clean water is charged into the storage system.

Suitable For Small & Medium Houses

Supports clean water flow rate range of up to 4 - 100 LPS, super durable & food grade material, no operational costs or replacements, easy debris out, multiple pipe size options for inlet and outlet, wall mountable and easy to place underground.



Heavy Metal Removal Filters

Product Overview :

Designed to remove wastes using hydro dynamicity and a special custom filtration media designed as per peculiar contamination rates. Highly customizable and the only rain water filter in the world of such potential to remove heavy metals.

Working Principle :

The principle follows hydro dynamic force generated with the velocity of the inflowing water. It is then vortexed through specialised media to infiltrate contamination in bottom to up order. Clean water is extracted without additional contamination.

Suitable For Small & Medium Houses

Supports clean water flow rate range of up to 4-60LPS, super durable & food grade material, avoids free board loss.



Hydro-dynamic Separators

Product Overview :

A filter without any form of mesh or filtration media that filters water only using the hydro mechanical velocity itself. No mesh, No blockage, rare maintenance. It is designed to harness a vast volume of water, filter it very fine and restore it into the sump storage. The debris resides in the bottom chamber without causing any stirrup or further contamination. This device is specifically used for enormous volumes of debris with storm water as well as areas where maintenance is rarely done.

Working Principle :

As the water enters into the shaft, a hydrodynamic force is generated, causing the water to swirl through the specialised designed weirs and pass through grids. The floating debris is separately collected and the settling debris is collected into the bottom chamber. Compatible with German SuDS legislation for removing hazardous contaminants.

Suitable For Large Public Areas And City Municipalities

Supports clean water flow rate range of up to 45-500LPS Super fine storm water filtration of up to 200 microns. super durable & food grade material minor operational costs or replacements, wide maintenance intervals Unique plug and play system. Saves cost, time and effort in plumbing vast areas. Guaranteed very low wastage.



First Flush Systems

Product Overview :

The initial quantity of collected rain water usually has severe contamination, such as bird fecal matter and atmospheric contamination. The rooftop filters only remove debris, while with the Rain Beaver's advance First flush technology, such heavy contamination is easily eliminated from entering the storage system.

Working Principle :

The advanced release valve operates on an automatic setting, the initial quantity of rain water harvested is collected separately in a chamber and then is released slowly out through the release system.

Suitable For Small & Medium Houses

Removes initial brackish water and fine dirt, durable and heavy duty, underground or wall mount options available, multiple pipe size options for inlet and outlet. Can be scaled as per requirement. Automatic operation outlet, wall mountable, and easy to place underground.



Biologically Protected Storage Systems

Product Overview :

Harvested rain water is served with utmost quality with our unique biologically protected storage system Extends life of further filtration added for drinking and other purposes.

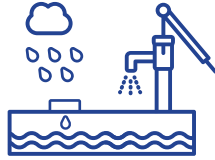
Safe Storage Of Rain Water For Years To Come:

Water enters the tank from the bottom of the sump, ensuring adequate beneficial bacterial growth. The calmed inlet ensures protection of the sediment against stirring up and further ensures oxygenation to prevent anaerobic zones within storage. The float suction filter intakes water to the pump ensuring quality intake without floating debris The skimming siphon ensures emission of floating micro debris during overflow, rodent protection and non return of sewer water and other contaminated water.

OUR SERVICES



Rooftop Rain
Harvesting



Scientific Ground
Water Recharging



Stormwater
Management



Water Shed
Management



Water Utility
Services



Black Water
Recycling



**Visit our experience
centre to know more**

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information