

KEY TECHNOLOGY & INNOVATION HIGHLIGHTS

UNIQUE TECHNOLOGY

Non-clogging filter; the filter assembly is an open ended system, prevents stagnation of water and solid particles. Self-cleaning capabilities enabled by its unique working principles, eliminating the need for frequent manual cleaning.

DUAL INTENSITY FILTER

Works on the principle of Cohesion & Centrifugal force at low & high intensities of rainfall respectively. Works on Gravitational Force and does not require any external energy.

HIGH EFFICIENCY

Achieves efficiencies over 90%, irrespective of rainfall intensities. Filters water efficiently even during torrential rains.

EXTREMELY VERSATILE & COMPACT

Can be accommodated anywhere, be it wall mounting under low lying roofs or ducts. Filter connections can be turned up to 360 degrees, allowing it to suit the given site conditions.

SUPERIOR BUILT QUALITY

Highly durable yet made of food graded and recyclable materials; built with tough High Density UV treated polyethylene Housing featuring multilayer stainless steel screen filter element.

EASY TO INSTALL

Simple installation procedure backed by detailed instruction manual such that any local plumber with minimal experience is sufficient for installing.

VALUE FOR MONEY

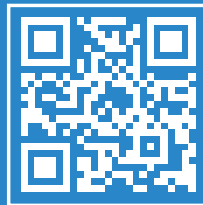
These long lasting filters significantly cut down water bills by saving free rainwater. Added, Aeration process during swirling water movement improves the quality of water.



LOCATE US

Farmland Rainwater Harvesting Systems

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If Not, Start Today!”**

Winner of National & International Awards from



As a 'Most Innovative Water Saving Product'

&



EARTH CARE AWARDS 2010 & 2014

Awards for Excellence in Climate Change Mitigation & Adaptation

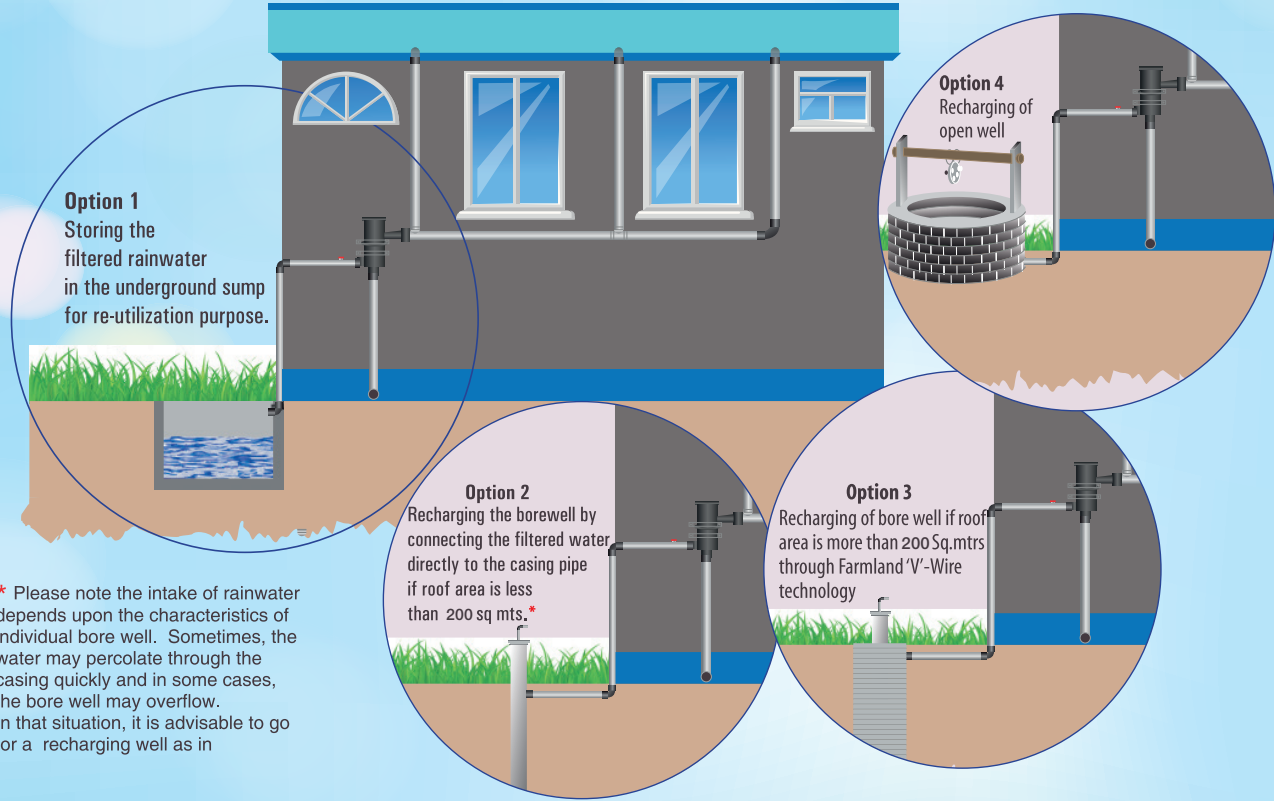


Indian Green Building Council
MEMBER

Dual Intensity Rainwater Harvesting Filters

PATENT PENDING

VARIOUS APPLICATIONS THROUGH 'RAINY' FILTERS

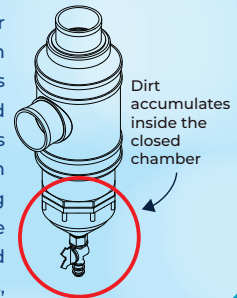


* Please note the intake of rainwater depends upon the characteristics of individual bore well. Sometimes, the water may percolate through the casing quickly and in some cases, the bore well may overflow. In that situation, it is advisable to go for a recharging well as in



CONVENTIONAL FILTERS v/s RAINY FILTERS

Major drawback observed in the conventional filters is clogging of dirt, debris and leaves inside the filter housing assembly and lack of auto flush out system which calls for frequent MANUAL CLEANING. This might lead to decay, water contamination and overflow into the terrace area. Conventional filters are incapable of handling torrential rains, which leads to undue wastage of precious water. Setting the direction of inlet and outlet as per site conditions is not possible in conventional fixed coupling filters. Added, high head requirements, tedious installation process, limited roof area coverage etc. are few common disadvantages.



Technical Specifications & Parameters of various models of Rainy FL Series Dual Intensity RWH Filters	RAINY FL-80	RAINY FL-150	RAINY FL-200	RAINY FL-300	RAINY FL-500
Suitable for Roof Area	Up to 120 SQMTRS	Up to 180 SQMTRS	Up to 225 SQMTRS	Up to 350 SQMTRS	Up to 500 SQMTRS
Intensity of Rainfall	Up to 75 mm/Hour	Up to 75 mm/Hour	Up to 75 mm/Hour	Up to 75 mm/Hour	Up to 75 mm/Hour
Filter Type	Open ended, Non-clog				
Working Principle	Cohesive Force & Centrifugal Force				
Operating Pressure	> 1 foot of Gravity Head (0.060kg/cm ²)				
Max Discharge at (CWO)	120 LPM	180 LPM	225 LPM	340 LPM	480 LPM
Filter Element	SS-304 Multi Surface Screen - Food Grade				
Mesh Size	250 Microns	250 Microns	250 Microns	250 Microns	250 Microns
Inlet Size	90 MM	90 MM	110 MM	110 MM	110 MM
Clean Water Outlet (CWO)	63 MM	75 MM	75 MM	110 MM	110 MM
Drain Outlet Size	90 MM	90 MM	90 MM	90 MM	110 MM
Filter Housing	UV treated High Density Polyethylene				
Filter Efficiency*	Above 90%	Above 90%	Above 90%	Above 90%	Above 90%
Source of Power	Gravity	Gravity	Gravity	Gravity	Gravity

*Efficiency achieved under standard operating conditions

