

## RAIN WATER HARVESTING

We have expertise and hands on experience to prepare for successful implementation of Rain Water Harvesting Projects in Industries, Institutions or Government Departments. We provide integrated services from detailed survey till final run of the project.

### **SURFACE FILTERS:-**



- Surface Rain Water harvesting through Dual V Wire Technology –
- This is simple and scientific surface Rain water filtration system,
- Unique non clogging design.
- This providing large open area of screen
- High quality filtration
- Most modern design

### **ROOF TOP FILTERS:- I] Rain Trap –**

#### **Unique Features**

- Simple and Scientific design
- No electricity required
- No Maintenance required; Cleaning is simple
- Compact and user friendly design.
- Fully enclosed, wall mounted and online system
- 360 Degree flexible 'T' for ease of installation.
- SS 304 wire mesh allows micro filtration up to 130 microns
- Leaves and dirt particles are removed by opening flush valve.
- No consumables.



## II] Rainy - (Self-cleaning filters):

### Features -

- Works on cohesive & adhesive force.
- No power is required.
- Self-cleaning.
- Compact design for simple installation.
- Fully enclosed and wall mounting.
- Tough High Density Polyethylene Housing.
- Filter Pipe connections can be turned 360 Degrees.
- The filter efficiency remains unchanged even with the variation of rainfall intensity.
- No consumables required.



Technical Specifications & Parameters of various models of Rainy FL Series Dual Intensity RWH Filter

	Rainy FL-100	Rainy FL-200	Rainy FL-300	Rainy FL-500
Suitable up to roof area:	110 SQMTRS	225 SQMTRS	350 SQMTRS	500 SQMTRS
Max: Intensity of Rainfall:	75 mm/hr	75 mm/hr	75 mm/hr	75 mm/hr
Working Principle:	Cohesive Force & Centrifugal force			
Operating Pressure:	Less Than 2MTR of head (0.060kg/cm <sup>2</sup> )			
Capacity:	105 LPM	225 LPM	340 LPM	480 LPM
Filter Element:	SS-304 Screen	SS-304 Screen	SS-304 Screen	SS-304 Screen
Mesh Size:	250 Microns	250 Microns	250 Microns	250 Microns
Inlet:	90 MM	110 MM	110 MM	110 MM
Clean Water Outlet:	63 MM	75 MM	90 MM	90 MM
Drain Outlet:	90 MM	90 MM	90 MM	110 MM
Housing:	High Density Polyethylene			
Efficiency of Filter:	Above 90 %	Above 90%	Above 90 %	Above 90%
Source of power:	Gravity	Gravity	Gravity	Gravity



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