

### Rain water collection data by using Rainy Filters

Roof Top Area in Square meters	Roof Top Area in Square feet	Collection of water in a day if the intensity of Rainfall is 50mm/ day in litres	Possible Collection of Filtered Rainwater per year in litres	Recommended Storage Tank Capacity in litres
25	269	957	19,125	1,000
50	538	1,914	38,250	2,000
75	807	2,871	57,375	3,000
85	915	3,252	65,025	3,500
100	1,076	3,828	76,500	4,000
110	1,184	4,208	84,150	4,300
125	1,345	4,781	95,625	4,800
135	1,453	5,164	103,275	5,250
150	1,614	5,738	114,750	6,000
160	1,722	6,120	122,400	6,250
175	1,883	6,700	133,875	6,750
185	1,991	7,076	141,525	7,250
200	2,152	7,657	153,000	7,750
225	2,421	8,614	172,125	8,750
250	2,690	9,571	191,250	9,750

**NOTE :**

The above chart is only indicative field results may vary.

Possible collection of filtered rainwater per year is calculated considering an average annual rainfall of 1000mm and Run-off co-efficient as 0.85 and Filter efficiency as 0.9

Recommended Storage Tank capacity is approximately 5% of Annual water Collection.

Storage Tank capacity can be lesser in case surplus overflow is connected to Borewell for recharging.