

Rainwater Harvesting: System Planning

Table C.4. Size of Gutters (IAMPO, 2000)

Slope of Gutter	Diameter of Gutter	Maximum Allowable Horizontal Projected Roof Areas Square Feet at Various Rainfall Rates					
		inches	2"/Hr	3"/Hr	4"/Hr	5"/Hr	6"/Hr
1/8"/ft. Slope	3	480	320	240	192	160	
	4	1020	681	510	408	340	
	5	1760	1172	880	704	587	
	6	2720	1815	1360	1085	905	
	7	3900	2600	1950	1560	1300	
	8	5600	3740	2800	2240	1870	
	10	10200	6800	5100	4080	3400	
1/4"/ft. Slope	3	680	454	340	272	226	
	4	1440	960	720	576	480	
	5	2500	1668	1250	1000	834	
	6	3840	2560	1920	1536	1280	
	7	5520	3680	2760	2205	1840	
	8	7960	5310	3980	3180	2655	
	10	14400	9600	7200	5750	4800	
1/2"/ft. Slope	3	960	640	480	384	320	
	4	2040	1360	1020	816	680	
	5	3540	2360	1770	1415	1180	
	6	5540	3695	2770	2220	1850	
	7	7800	5200	3900	3120	2600	
	8	11200	7460	5600	4480	3730	
	10	20000	13330	10000	8000	6660	