

CARAT Rainwater Harvesting Tank size calculator.

1. Your annual rainwater yield.

Annual Precipitation Value l/m2	Roof area in m2 Roof area including any projections (independent of roof type or slope)	Roof type: Clay tiles, fired, glazed: 0.9 Slate, concrete, clay tiles: 0.8 Flat roofs with gravel: 0.6	Rain Yield l/yr
	x	x	=

2. Your annual rainwater demand.

Flush toilets: per person per year: 11,800 ltr	x		Persons	=	
Laundry: per person per year: 3,700 ltr	x		Persons	=	
Cleaning: per person per year: 800 ltr	x		Persons	=	
Garden: per m2 60 ltr	x		m2	=	
Rainwater demand ltr/yr:				=	0

3. Your tank size.

The average of Rain yield + Rain demand			
+		21 days (safety reserve)	litre storage volume
2	x	365 days	=
			Your best tank size is:

