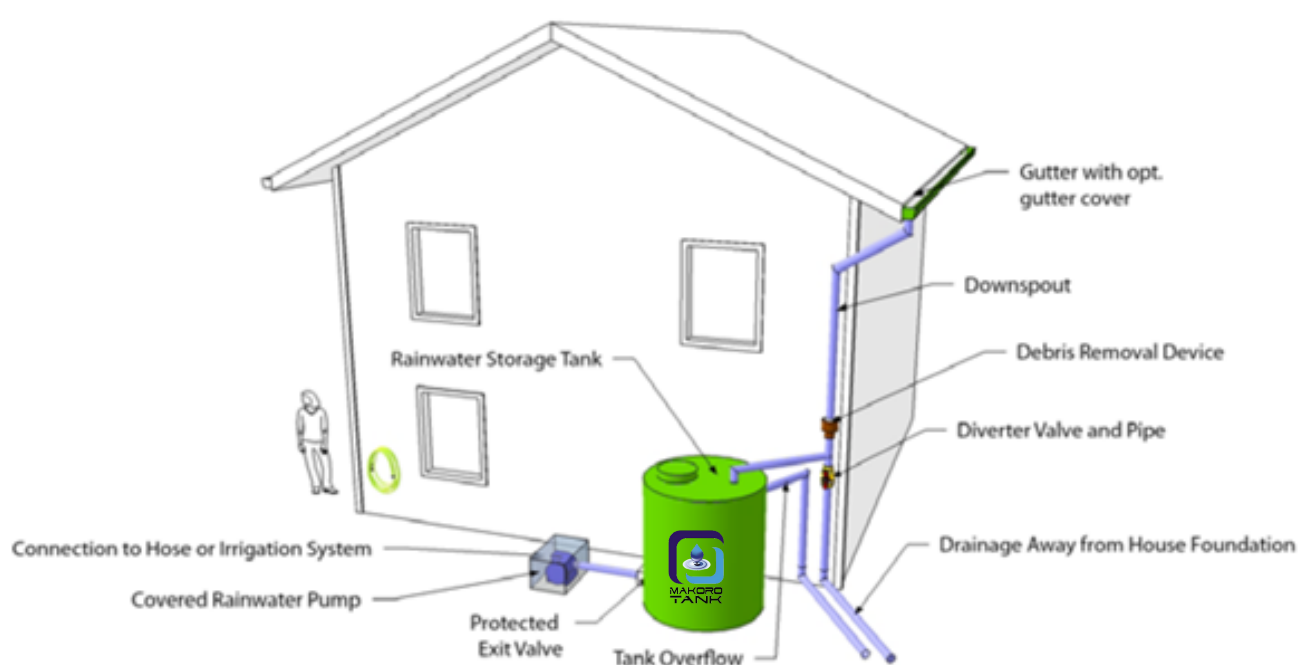


RAINWATER HARVESTING



PRE-INSTALLATION

CHOOSE A TANK:

- Consider the rainfall in your area, your roof size and what the water will be used for

A quick calculation to use:

- 1mm of rain on 1 sqm of roof surface = 1 liter of water

Example:

- Roof area of 100 sqm = 2500 liters of rainfall event of 25mm

Alternatively, you can use the following size guides:

Roof p/sqm	Tank Size
50-100	750 L - 2400 L
100 - 300+	2700 L - 10 000 L

The most common mistake in unsuccessful rainwater harvesting systems is a lack of storage capacity.

TANK PLACEMENT:

Should preferable be at a downpipe, or alternatively be repositioned by use of proper piping/guttering.

Basic Requirements



A Makoro Tank



Gutters & Pipes



Pre-Filtration



Pump



Pump to tank connector kit



Whole-house Filter



FOR A BASIC SYSTEM YOU WILL NEED:

A Makoro Water Tank

Refer to pre-installation section above for guidelines on the correct size storage tank for your roof size.

Base / Foundation

Refer to the installation options above for more detail on a suitable foundation for your water tank.

Pre-Filtration

Improves the quality of the harvested rainwater and protects the pump. Keep in mind that the more pre-filtration options installed, the cleaner the water will be that enters into your tank, i.e. Tank Filter Screen - fitted beneath the lid; a Rainhead and a First Flush Rainwater Diverter.

Tank Mozzie Screen

Fitted to the outside of your overflow, or the inside/outside of your tank inlet. It allows water to pass through while blocking entry for mosquitoes and other insects. (optional)

Standard Plumbing Pipes & Elbows to fit pipe size

Pump & Pump Cover

When choosing a water pump, it is important to consider the water source, the application and the pressure required to ensure that the pump will meet your requirements.

Pump-to-Tank Connector Kit

A kit that permits seamless connection from the tank to the pump.

Uses



Gardening



Toilet Flushing



Car Washing



Pool Topping

TAKE CONTROL OF YOUR WATER



Mon-Fri 8.00 AM - 17.00 PM
Sat 8.00 AM - 13.00 PM

+267 490 0022
www.makoro.co.bw
tanksales@makoro.co.bw



Yellow Brick Road,
Makoro Village, Palapye,
Botswana