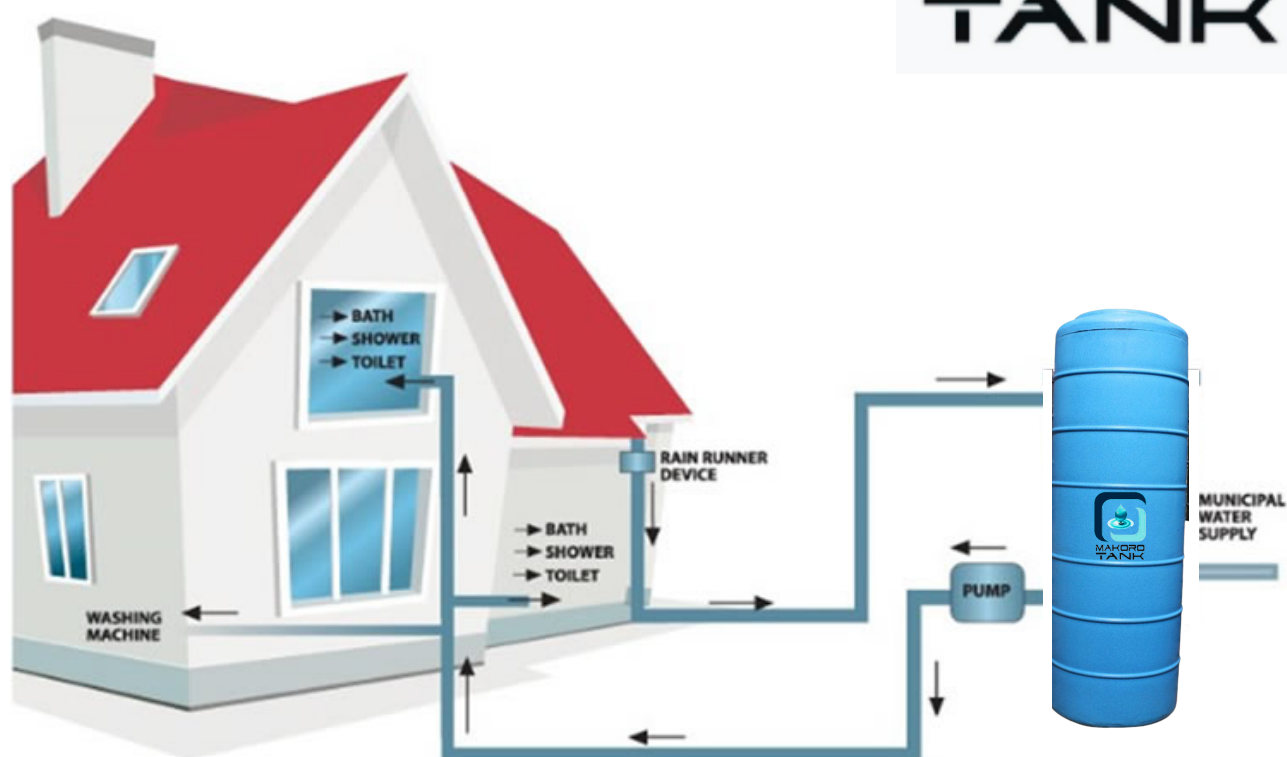


MUNICIPAL BACKUP



PRE-INSTALLATION

CHOOSE A TANK:

How to estimate what size tank would be sufficient for municipal backup:

PEOPLE	LITERS / DAY
1	150
2	300
3	450
4	600
5	750

Size of the Tank = liters per day x total days backup required, i.e. 4 x people (600 L) x 3 days = 1 800 L

TANK PLACEMENT

The tank should be placed where municipal water supply can be intercepted, before entering the house..

BASE / FOUNDATION OPTIONS:

Tanks must be installed on a sound, level and smooth surface. Level paving will suffice, or a properly designed tank stand. Alternatively a concrete slab needs to be build, ideally with a concrete surface bed at least 85mm thick.

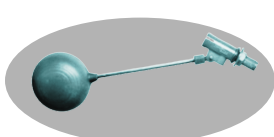
Recommended base sizes are:

TANK	DIAMETER	BASE
750 L	760mm	860mm
1500 L	1410mm	1 510mm
2500 L	1420mm	1 520mm
5000 L	1820mm	1 920mm
10 000 L +	2200mm	2 300mm

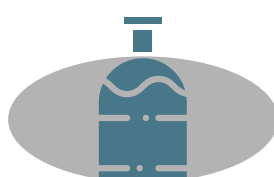
Basic Requirements



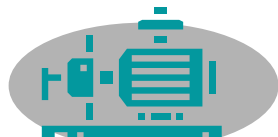
A Makoro Tank



Float Valve Kit



Countertop / Undersink Filter



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

Ball Valve/s

To isolate components and better manage the system. It is advised to use these between your municipal feed and your tank, your tank and your pump as well as your pump and the feed into your house.

Non-Return Valve/s

To ensure no back pressure to the main supply.

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.

Filtration

Option 1 - Undersink or countertop Filter (placed inside at one tap for drinking purposes)

Option 2 - Whole-house Filter (placed outside to filter all the water used in your house.

*** It is advised to make use of a plumber / professional installer as it is required to tie into the buildings main water supply line.*

Uses



Consumption



Bathing



Washing



Toilet Flushing



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

TAKE CONTROL OF YOUR WATER