
















# Rainwater harvesting for your home: DIY it with JoJo

Start making the rainy season work for you with an easy-to-install rainwater harvesting system from JoJo.



## What do you need?

The basic requirements will depend on your setup and desired application.

Application	Requirements
Low-grade uses such as gardening, flushing the toilet and washing the car or paving.	 Tank  Gutters and pipes  Pre-filtration  Mozzie Screen  Pump  Pump cover  Pump-to-tank Connector Kit
Full domestic water supply including consumption.	 Tank  Gutters and pipes  Pre-filtration  Mozzie Screen  Pump  Pump cover  Pump-to-tank Connector Kit  Whole-house Filter

## From tank to filtration: the required components in a nutshell

### Water storage tank

When deciding on the right tank for you, consider the rainfall in your area, your roof size and what the harvested water will be used for. JoJo tanks come in a wide range of shapes and sizes, so you're guaranteed to find the perfect tank for your unique requirements.

### Base/Foundation

It's very important that the tank is installed on a sound, level and smooth surface. Level paving will suffice, alternatively a concrete slab needs to be built with a concrete surface bed of at least 85mm thick and 100mm wider than the base of the tank.

### Pre-filtration

Pre-filtration improves the quality of the harvested rainwater and protects the pump. Bear in mind that the more pre-filtration options you install, the cleaner the water will be that enters your tank. Some options include:

- A Rainhead** – Directs leaves and debris away from the flow of the harvested rainwater.
- B First-flush Rainwater Diverter** – Flushes away the initial, most contaminated flow of rainwater and directs clean water to your tank.

*Note: a Tank Filter Screen can also be fitted beneath the tank lid to keep out larger debris. It will however require you to clean it as debris builds up on top of the screen.*

### Tank Mozzie Screen

This screen is 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.

**Pipes (standard plumbing pipes in 110mm, 80mm or 75mm)**  
 Sizes and lengths will vary depending on installation and preference.

- A** From beneath the Rainhead to the top of the First Flush Diverter T-junction (110, 80 or 75mm)
- B** For the First Flush Diverter chamber (110mm is advised for this section)
- C** From the side of the First Flush Diverter T-junction to the elbow (110, 80 or 75mm)
- D** From the elbow through the lid into the tank (110, 80 or 75mm)

### Elbow/s

Again, the required quantity and sizes will vary based on the chosen pipe sizes and setup.

### Pump and 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 needs.

To protect your pump from the elements and to prolong its lifespan, we recommend using a pump cover. Our pump covers are available in a range of colours to ensure a perfect match for your tank or home.

### Pump-to-tank Connector Kit

This all-inclusive kit permits seamless connection from a JoJo tank to any of our 0.37kW and 0.75kW booster pumps.

### Whole-house Filter

When filtering rainwater for full domestic supply you will require a filter that removes sediment, particulates and contaminants such as bacteria and other potentially harmful substances. We recommend installing our Whole-house Disruptor water filter to ensure safe, clean and great-tasting water.

For more detail on any of the above products, or for detailed, step-by-step DIY instructions, visit [jojo.co.za](http://jojo.co.za).

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