

1. Water tank

Refer to pre-installation on page 10 for guidelines on the correct size tank for the amount of backup water you require.

Refer to the installation section on pages 10 and 11 for more detail on a suitable foundation for your water tank.

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. To ensure all connections are visible, a pump cover was not included in this illustration, but we do recommend using a pump cover to protect your pump from the elements. *For more detail on our pump range available, visit our website.*

An all-inclusive kit that permits seamless connection from the tank to both our 0.37kW and 0.75kW Booster Pumps. Important: if our pump to tank connector is not used for connection from your tank to your pump, you will require 25mm diameter (minimum) pipe for this connection, as well as a gate/ball valve between your tank and your pump to isolate the water supply as and when needed.

5a. 20 mm diameter (minimum)
- from pump to house, to tie into mains.

Sizes according to pipes and quantity according to installation/setup.

Allows for effortless filling of a JoJo tank with an automatic shut-off. This can be manually done with a hose, or for a more permanent solution (like the one in our illustration), you can connect it to your plumbing line.

To isolate components and better manage the system. Note: 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.

To ensure no back pressure to the main supply.

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).

Treated municipal water is adequate for household use, but can require additional filtration depending on the quality. If you are unsure of the quality of water, we advise using a filter to remove any potentially harmful contaminants before using the water for drinking or cooking. For more information on our filtration range visit our website.

Float valve kit connected to the inside of the tank inlet to control the fill height.

Pressure controller senses drop in pressure and starts pump operation-pumping water from tank to house.

Municipal supply

Standard outlet on JoJo Water Tanks is 40mm.

Relevant reducers needed to fit pipes onto tank/pump.

Rule of thumb: the larger the distance is between the pump and the house, the larger the pipe must be to ensure that there is enough pressure when the water reaches the house

Ensure base is sound, level, smooth and wider than diameter of the tank.

Install non-return valve to ensure no back pressure to municipal supply.

Ball valve to be installed before feed into the tank in order to turn off water supply for system maintenance, or in case of float valve failure.

DATE	STATUS	REV	REVISION DESCRIPTION	RESPONSIBILITY	NAME	SIGNATURE	<div><p>HI-TECH CONSULTING ENGINEERS & PROJECT MANAGERS</p><p>Tel: 087 056 1892 The Tydes Shelly Beach 4265</p><p>Head Office: Office No 49 142 Chief Joga Drive Southridge Park Mithatha 5099</p><p>Satellite Office: P O Box 5 Port Shepstone 4240 Tel: 039 688 200 Fax: 039 682 0327</p></div>	CLIENT	<div><p>RAY NKONYENI MUNICIPALITY</p><p>Ray Nkonyeni Municipality P O Box 5 Port Shepstone 4240 Tel: 039 688 200 Fax: 039 682 0327</p></div>	PROJECT DESCRIPTION	DRAWING STATUS DESCRIPTION:				SCALE	SHEET	SHEET SIZE			
				DESIGNED BY	W.MBUNDWINI	.					ZG COMMUNITY HALL ROOF REPAIRS				D=DEVELOPMENT C=CONSTRUCTION	T=TENDER A=AS BUILT	P=PLANNING	AS SHOWN	1 OF 1	A1
				DRAWN BY	W.MBUNDWINI	.						HI-TECH ENGINEERS DRAWING NUMBER								
				DESIGN CHECKED	B.SIBANDA	.						ME PROJECT DESCRIPTION				DISCIPLINE	NUMBER	STATUS	REV	
				DRAWING CHECKED	B.SIBANDA	.						5KL STORAGE TANK TYPICAL DETAIL				RAY 2023 001 - STR - 004 - T - 00				
				Pr TECH/ Pr ENGINEER APPROVAL																
				NAME	B.SIBANDA	SIGNATURE		DEPARTMENT	ROADS											
				DATE		PROFESSIONAL REG No														