

SANITISING TUNNEL



Dimensions

The unit is 2.4m long, 1.2m wide and 2.4m high with an entrance and exit fascia 350mm x 1.2m wide. The panels are made of sandwiched chromodek with an expanded polyurethane filling. The ends of the panels are clad in chromodek u channels and aluminium. The floor is a cast steel plate 4mm thick. It is slip resistant and can take extremely heavy traffic over it. The unit is bolted to the floor and the heads welded for extra security.

The pump and electrical

The pump and atomising system is energised when the motion sensor picks up movement from the entrance to the tunnel. The system runs for 8 seconds and then switches off if there is no continuous movement. The system will continue to run if there is a steady stream of people going through the tunnel. All electric components are waterproof and can operate within a high moisture environment.

Please note that we require a power point within 20m and a water point within 30m of the unit so that we can commission the unit ready for use.

With the chemical dosing system and the auto water filling mechanism installed, there is no need to monitor the level of water in the jojo tank as it will be kept at a constant level. The chemicals are dosed in line in the mist line, to the exact ratio required for the chemicals to be effective. All that would be needed is to monitor the level of the chemicals and replace when levels are low.

0.37kw Booster Pump

The Booster Pump is a high-quality, reliable and energy-efficient addition to your water storage setup. It supplies 3.6 bar pressure at a flow of 34 litres per minute and comes standard with a flow control switch. This switch automatically starts the pump when pressure decreases, then switches it off when there is no flow.

Note: To ensure proper functionality, it is advised to run the pump once a week.



Product Benefits:

- Energy efficient
- Easy to operate
- Automatic start/stop function
- Dry running protection
- Overcurrent protection
- Pre-wired with 3-point plug
- Motor power of 0.37 kW
- 3.6 bar pressure
- 34 l/min flow
- Brass impeller
- Stainless shaft
- Full 2 year warranty on pump and couplings



Jojo Tanks

225lt capacity

Galvanised steel couplings

All JoJo polyethylene products come with a 10-year guarantee (extended from an 8-year guarantee as of 1 September 2017). Tanks are available in different formats, with a variety of fittings and accessories to extend performance capabilities and versatility. With a UV-stabilised outer layer, our products are designed to withstand the harsh African climate. The food-grade, black inner lining in our water tanks prevents algae growth and keeps water fresher for longer. A stringent quality-control system ensures that products meet specified design standards. All JoJo Water and Chemical Tanks are manufactured in accordance with the specifications outlined in [SANS 1731:2017*](#). All Vertical, Horizontal and Septic Tanks carry a quality certification from the Agrément Board of South Africa.

Spray nozzles

10 Atomising spray nozzles per unit that create a fine mist that does not wet the person walking through the tunnel but coats them with the correct dosage of chemicals. The nozzles are brass and the connecting hose is polycarbonate high pressure 10mm hose. All joins are strengthened with hose clamps. The nozzles are removable and can easily be cleaned when clogged with debris. The nozzles should be removed and cleaned on a weekly basis even if they are spraying perfectly. This is to ensure any inline particulates are removed and don't stop the water flow. They can withstand in excess of 6 bars of pressure and are well suited for the chemical used in our systems. The nozzle combination is rated at a consumption of 7L – 8L of water per continuous hour of use.

