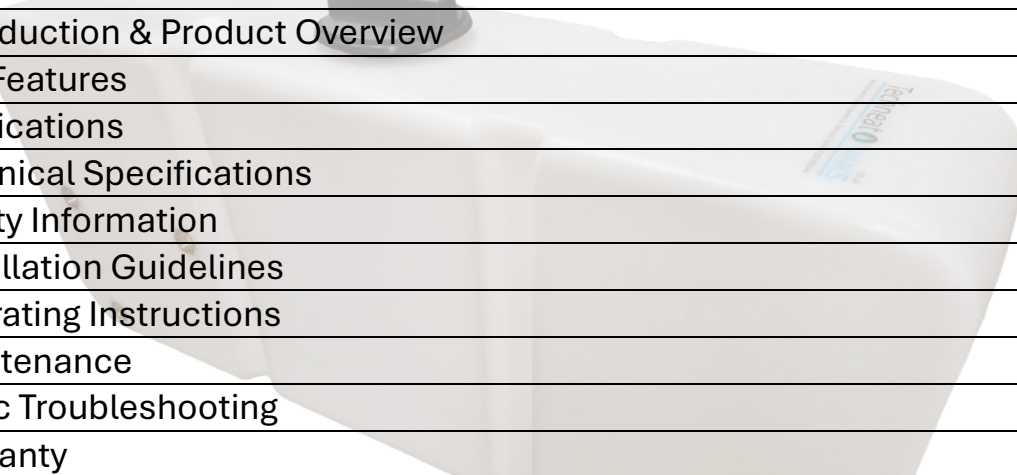


The cover features a large, light gray circle in the center. Overlaid on this circle is a large, light blue water droplet shape. The title 'Water Storage Tank Manual' is printed in a bold, black, sans-serif font across the middle of the droplet.

# Water Storage Tank Manual

**Models:** WN6329, WN6323, DN8533, WN6510, WN6511, WN6335, WN6509, WN6508, WN6295, WN6298, WN6303, WN6302, WN6193, WN6195, WN6647, WN6283, WN6065B, WN6251, WN6252, WN6173, WN6457, WN6177, WN6175, WN6179, WN6178, WN6606, WN6607, WN6166, WN6135, WN6564, WN6563, WN6280, WN6065A, WN6276, WN6397, WN6344, WN6268, WN6270, WN6438, WN6275, WN6365, WN6256, WN6312, WN6334, WN6205, WN6523, WN6259, WN6524, WN6258, WN6527, WN6528, EL9621, WN6339, DN7386, WN6157, DN8302, DN8066

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## 1. Introduction & Product Overview

Thank you for choosing our Water Storage Tanks. These tanks are designed to provide a reliable and convenient solution for storing and dispensing non-drinking water in a wide range of domestic, commercial and mobile applications.

These tanks are commonly used in gardens, garages and mobile setups such as vans used for vehicle valeting or cleaning applications. The tanks are manufactured from durable materials and are designed to withstand regular use in outdoor and indoor environments.

Capacities range from 10 litres up to 1000 litres, depending on the model. The tanks are available in either black or natural (translucent) colours depending on the intended application.

Please read this manual carefully before installation and use to ensure safe operation and long service life.

## 2. Key Features

- Water storage capacity from 10L to 1000L
- Durable rotomoulded construction
- Available in black or natural (translucent) colour
- UV stabilised material for outdoor durability
- Brass threaded outlet connections
- Replaceable lids and taps available
- Fully recyclable material with reduced environmental footprint

These tanks are fully recyclable, helping reduce environmental impact and supporting a more sustainable product lifecycle.

## 3. Applications

Suitable for use in:

- Suitable for numerous non-potable water storage uses including:
- Garden irrigation and watering
- Vehicle valeting systems
- Mobile water storage in vans
- Cleaning and pressure washing setups
- General water storage in garages or sheds
- Rainwater collection systems

**Important:** These tanks are not suitable for drinking water.

## 4. Technical Information

- Capacity Range: 10L – 1000L depending on model
- Material: UV stabilised polyethylene
- Colours Available: Black or Natural (translucent)

Lid Sizes:

- Smaller tanks: 4" non-vented lid
- Larger tanks: typically 255mm or 320mm non-vented lid

Outlet Connections:

- Most tanks 50L and above are supplied with female 3/4" BSP brass outlet.

The following models use female 1/2" BSP outlet:

- WN6065A
- WN6173
- WN6157
- WN6065B
- WN6528
- WN6527

Many tanks with 3/4" outlets are supplied with a plastic water tap.

## Colour Options

Black Tanks:

- Suitable for outdoor use.
- Blocks sunlight which helps prevent algae growth.
- Water level cannot be seen from outside.

Natural (Translucent) Tanks

- Allows the water level to be visible from outside.
- Should not be exposed to direct sunlight for long periods as this may encourage algae growth.

Both versions are manufactured using **UV stabilised materials**.

## 5. Safety Information

Please follow all safety instructions before installing or operating the tank.

- **WARNING:** These tanks are designed for **non-drinking water only**.
- Ensure the tank is installed on a flat, level and fully supported surface.
- Do not stand on the tank or lid.
- Do not use the tank on another orientation, except the intended one.
- Do not store hazardous chemicals in the tank unless the tank has been specifically approved for that purpose.
- Ensure the outlet fittings are correctly sealed to prevent leaks.

## 6. Installation Guidelines

### For Vertical / Upright Tanks

- Place the tank on a stable, flat surface capable of supporting the full weight of the tank when filled.
- Install the tap or outlet fitting onto the threaded brass outlet.
- Apply sufficient PTFE tape to the thread before tightening the fitting.
- Tighten the tap securely but avoid overtightening.
- Fill the tank with water and inspect for leaks before regular use.

### For Flat / Horizontal Tanks

Some tanks are available in flat versions. These use the same outlet position design as vertical tanks, therefore the outlet is left undrilled so the user can position the outlet where required.

To install the outlet:

- Select the desired outlet position.
- Drill a hole large enough to allow the tap thread to pass through.
- Ensure the hole is not too large to prevent leaks.
- Insert the outlet through the hole.
- Install the rubber seal and back nut from the inside of the tank.
- Tighten securely and check for leaks after filling.

## 7. Operating Instructions

- Remove the lid and fill the tank with water.
- Ensure the lid is loosely fitted or vented when dispensing water.
- Open the tap to allow water to flow.
- Close the tap securely when not in use.

## 8. Maintenance

Regular maintenance will help maintain good performance and extend the life of the tank.

- Inspect the inside of the tank periodically for debris or contamination.
- Check taps and outlet fittings for leaks or blockages.
- Ensure lids are clean and free from dirt that may contaminate stored water.
- Inspect the outlet connection for swarf or debris that may restrict water flow.
- Replacement lids and taps are available via our website.

## 9. Basic Troubleshooting

### Tap not dispensing much water

Possible causes:

- Negative pressure inside the tank.
- Blocked tap due to swarf or debris.

Recommended checks:

- Open or loosen the lid to allow air into the tank.
- Install a suitable tank vent if the tank will be used frequently.
- Remove the tap and inspect for debris blocking the outlet.
- Clean the tap and reinstall using PTFE tape.

### Water leaking from outlet

Possible causes:

- Insufficient PTFE tape on thread.
- Tap not fully tightened.
- Incorrect hole size on flat tank installation.

Recommended checks:

- Remove the tap and reapply PTFE tape to the threads.

- Tighten the tap securely.

Check rubber seal and back nut installation on flat tanks.

### Poor water flow

Possible causes:

- Blocked tap.
- Debris inside tank.
- Negative pressure in tank.

Recommended checks:

- Inspect and clean the tap.
- Inspect the inside of the tank for debris or swarf.
- Open the lid or install a vent.

## 10. Warranty

These water storage tanks are supplied with a **1-year warranty** covering manufacturing defects from the date of purchase.

The warranty does not cover damage caused by misuse, incorrect installation, freezing, impact damage, or unauthorised modifications.

