

# BALMORAL TANKS

## WATER STORAGE TANK INSTALLATION INSTRUCTIONS



### Introduction

Balmoral water storage tanks have been specifically designed for the storage of water. Before installation check for any regulations, planning approvals or safety guidelines to suit your site, its preparation and the design or application of the tank to suit your water storage requirement.

### Tank features

All water storage tanks have a 500mm (20") manhole access point with a sealed cover (lockable).

The tanks can be suited to many applications, therefore are not supplied with outlet/inlet fittings or pre-drilled locations. All tanks have suitable areas for fittings to be attached by the installer (such as "mousehole" recesses for outlets).

The Balmoral range of water storage tanks have been rigorously tested to comply with the requirements of the United Kingdom Water Byelaws and Regulations when correctly installed.

### Storage of water for domestic purposes

Installation of a Balmoral water storage tank for storage of water for domestic purposes must follow UK Water Storage regulations (WRc/WRAS), to reduce the risk of water contamination and provide a hygienic water supply. Reference should be made to Byelaw 30 and the application of Balmoral Byelaw 30 Kits which are available for Balmoral water storage tanks.

We recommend that the installer has knowledge of this and is able to apply the relevant Water Byelaws to the Balmoral water storage tank as supplied. For private water supplies we recommend that the user obtain advice on the correct tank/site installation from the relevant authority if the water supply is subject to any local regulations or controls.

*Note: A Balmoral Byelaw 30 Kit can only be fitted when tanks are sited internally (insulation jackets are not suited to outdoor use).*

*Note: The underground application of a water storage tank is not recommended for storing water for domestic*

*purposes for further clarification refer to the Water Supply Byelaws.*

For more information, please refer to Balmoral Leaflet - 'water storage tanks Byelaw 30 Kit Assembly Procedures' (2-005-DOC).

### General safety

- Clearly label the tank to identify the contents and any relevant safety information
- Water storage tanks must not be used for underground installation
- Water storage tanks are designed for static applications (not for transport purposes) and are heavy when full
- **MOVE WITH CARE, ONLY WHEN COMPLETELY EMPTY**
- **DO NOT CLIMB OR STAND ON THE TANK** (for example, during filling). The outer surface of the tank can be a slip hazard
- The tank structure and integrity of seals could be affected if pipework and fittings are not sufficiently supported

### Ground level installation

- Store in an upright position, support the entire base of the tank on a solid level surface ensuring that the area is free from any sharp stones or other debris
- Leave sufficient space between the tank and any surrounding structures to allow for expansion when the tank is filled. We recommend a minimum of 150mm (6") all round
- Position the tank ensuring best access for filling, maintenance and safety
- Ensure the tank is protected from strong wind (especially when empty). If necessary strap it down
- Connect all pipework, fittings and accessories once site/location has been established
- All pipework and fittings connected to the tank should be supported
- Failure to follow the installation guidelines will render any warranty null and void

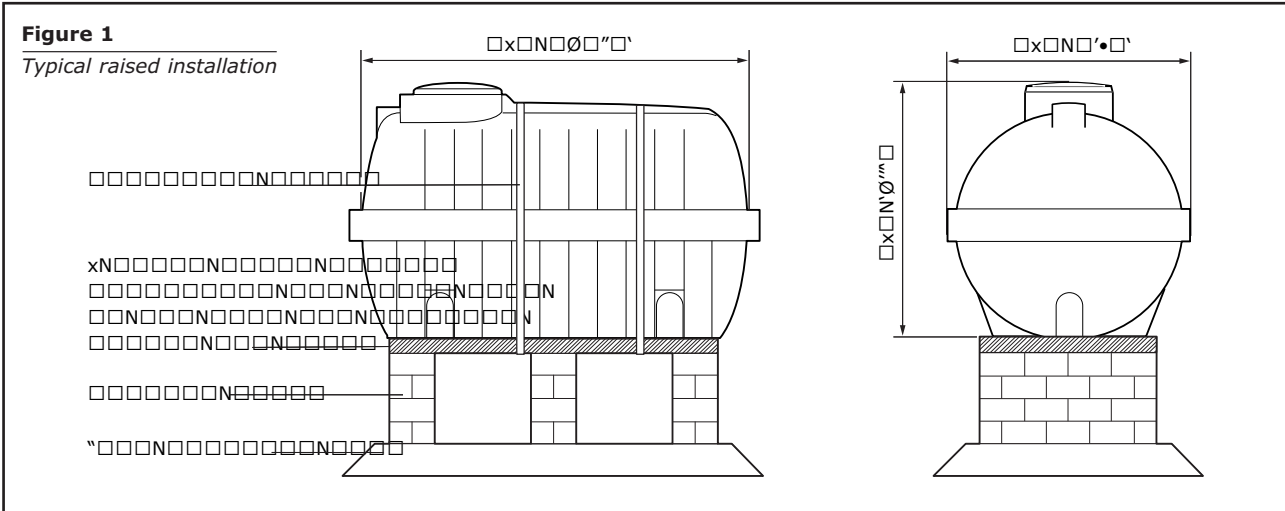
## Raised installation

- Ensure the structure is suitable for the long term support of a full tank (see figure 1)
- If in doubt seek the advice of an engineer. Then follow the instructions for ground level installation
- As a guide: 1 litre of water weighs 1kilo

(density = 1kg/litre)

Total Capacity of tank (litres) x Density of water = weight of tank contents

**Also add the weight of the tank**



Product code	Stock code	Capacity		Dimensions (mm)		
		Litres	Gallons	Length	Width	Height
LP1250WST	BWST-LP1250	1250	275	1800	1320	910
H3500WST	BWST-H3500	3500	770	2800	1700	1326
V1365WST	BWST-V1365	1365	300	Ø1300		1320
V1800WST	BWST-V1800	1800	396	Ø1400		1500
V2600WST	BWST-V2600	2600	572	Ø1580		1665
V3635WST	BWST-V3635	3635	800	Ø1800		1778
V5455WST	BWST-V5455	5455	1200	Ø2000		2100
V7270WST	BWST-V7270	7270	1600	Ø2085		2426
V10000WST	BWST-V10000	10000	2200	Ø2330		2920

Authorised distributor

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