



# Bowers & Son Ltd

Concrete Manufacturers TE AWAMUTU



## Water Tanks – Submersible Pump Kit

### OVERVIEW

Pump kit can be fitted to all **Water Tanks (WT)** in our range.

Concept features a **very quiet** and **efficient** pump operation due to use of a **submersible water pump** located in the tank. Pump uses a floating **intake** to ensure water is always drawn from upper water layer. Kit includes all **internal pipe work** and **Pressure Tank (cell)**.

### SUBMERSIBLE PUMP USAGE & PERFORMANCE

- **Corrosion Resistant** components.
- **Fully Automatic** operation.
- Pressure cell **8Litre / 10Bar**
- Pump **1.0hp / 0.75Kw** – Fully manufactured in Italy
- Power supply **240Volt / 50Hz**.
- Pump discharge connection **25mm (1")**.
- Tank internal pipe work is **32mm (1-1/4")**.
- Maximum Head **46mtr** i.e. maximum height water can be pumped.
- Maximum flow rate **95litre/minute**, indicative usage ranges **45 to 60L/m**.
- Maximum Pump Pressure **470kpa / 68psi**. Typical working pressure around **345kpa / 50psi**.
- Very good performance when **3 - 4 taps** are used with maximum **9 taps** running at once.
- Comparatively Flat Pump curve helps **reduce over pressurizing** reticulation lines when just **1 tap** is used.
- Usage range – from small **1 bedroom** to large multi-level **4 - 5 bedrooms** homes.
- **AS/NZS4020** Approved for Drinking Water.

### POTENTIAL USERS

- DIY
- Farmers
- Life style block owners / Holiday homes.
- Building companies / Contractors.
- Plumbers / Drain layers.

### FEATURE

- Usage of pre-installed water tank Submersible pump gives "Plug & Play" or "Turn Key" operation.
- Only needs to be hooked up to reticulation piping & electrical supply.
- **Pre-installed** in Factory.

### BENEFITS

- Very **quiet** operation.
- Very **efficient** due to its design & pump location in tank i.e. submersible.
- Floating intake draws **best quality** water from upper layer.
- **No pump Shed or Pad** required.
- Quick & **easy site hook up** to water & power.
- **Immediately** available for on-site construction usage.
- **Easy** disassembly & maintenance.

## **PUMP KIT INCLUDES**

- **DAB Pump** - Divertron 1200X with fully **automatic operation**.
- **Pressure Tank / Cell** = 2Litre / 10Bar.
- **Tank Wall fitting** – 32mm - allows easy fit up to reticulation piping.
- **15 Metre** single-phase **power cable** allowing for easy connection to IP56 Water-Proof outdoor power point or as advised by your electrician.
- **Pump Safety rope** for easy pump access during maintenance.

## **WARRANTY**

- **2 Year** Pump warranty.
  - **10 Year** Water Tank warranty.
- N.B. Both of the above are subject to manufacturers' standard terms & conditions.

## **WHAT IS NOT INCLUDED**

- Electrical wiring to WT for hook-up of Hush Pump.
- Reticulation piping to tank.

## **NEED TO KNOW**

- What is **present set up** – new or existing - is a water pump required?
- Is **power connection** readily available?
- Being a submersible WT pump **no pad or shed** is required.
- Number of **bedrooms, multi level** home?
- **Pump Head** i.e. maximum height water to be pumped. (Allow 2.0mtrs for internal head/height of discharge pipe in tank).
- Reticulation pipe size / diameter.

## *Please contact us for pricing.*

- Prices are for factory installation, Plus GST, subject to change without notice.
- All technical dimensions & specifications are based on a typical domestic usage being subject to change without notice.



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1852 Alexandra Street Te Awamutu Ph:07 871 5209 Fax:07 8715249

Email:sales@bowersconcrete.co.nz Web:www.bowersconcrete.co.nz

