

powertank.co.uk



## OVERVIEW

**POWERTANK**  
Water Boosting Systems

by Pedrollo Distribution



# CONTENTS

|  |           |
|--|-----------|
| <b>About</b>                               | <b>4</b>  |
| <b>Range Options</b>                       | <b>5</b>  |
| <b>Compact - 125ltr</b>                    | <b>7</b>  |
| <b>CAT5 - 10 or 38ltr</b>                  | <b>8</b>  |
| <b>DG BLU - 200ltr</b>                     | <b>9</b>  |
| <b>CAT5 Kiosk - 15ltr</b>                  | <b>10</b> |
| <b>Snug - 350ltr</b>                       | <b>11</b> |
| <b>Simplicity</b>                          | <b>12</b> |
| <b>Slimline - 200, 350 &amp; 450ltr</b>    | <b>13</b> |
| <b>Coffin - 200, 270, 340 &amp; 450ltr</b> | <b>14</b> |
| <b>Rectangular - 300 &amp; 500ltr</b>      | <b>15</b> |
| <b>Utility - 500 &amp; 750ltr</b>          | <b>16</b> |
| <b>Utility - 650 &amp; 1000ltr</b>         | <b>17</b> |
| <b>Industrial</b>                          | <b>18</b> |
| <b>Bunded - 250 &amp; 650ltr</b>           | <b>20</b> |
| <b>Water Treatment</b>                     | <b>21</b> |
| <b>Optional Extras</b>                     | <b>24</b> |
| <b>Assist Tanks</b>                        | <b>25</b> |
| <b>Installation Guide</b>                  | <b>26</b> |

# POWER TANK

Water Boosting Systems



**POWER TANK  
COMPACT**  
125LTR



**POWER TANK  
CAT5**  
10 & 38LTR



**POWER TANK  
DG BLU**  
200LTR



**POWER TANK  
CAT5 KIOSK**  
15LTR



**POWER TANK  
SNUG**  
350LTR



**POWER TANK  
SIMPLICITY**  
200 - 450LTR



**POWER TANK  
SLIMLINE**  
200, 350 & 450LTR



**POWER TANK  
COFFIN**  
200, 270, 340 & 450LTR



**POWER TANK  
RECTANGULAR**  
300 & 500LTR



**POWER TANK  
UTILITY**  
500 & 750LTR



**POWER TANK  
UTILITY**  
650 & 1000LTR



**POWER TANK  
INDUSTRIAL**  
500 - 5000LTR



**POWER TANK  
BUNDED**  
250 & 650LTR



**POWER TANK  
UV SYSTEMS**  
34L/MIN & 70L/MIN



**POWER TANK  
SOFTENERS**  
8, 14 & 21LTR



**POWER TANK  
ANTI-SCALE &  
ANTI-PFAS SYSTEMS**



# ABOUT POWERTANK

## › **Need to boost your water pressure?**

There are many reasons for experiencing low water pressure problems including high demand, location and shared supply. The Powertank range is a self-contained cold water booster system specifically designed for use in domestic, commercial, agricultural & industrial applications where existing water pressure and flow is insufficient to meet demand. The range caters for multiple space and storage capacity requirements.

## › **Why do I need a tank and a pump?**

To increase water flow there must first be more water. If your mains supply is not meeting your requirements, then you need a break tank to store your own water supply ready for when you need it. This can then be pumped to your outlets on demand giving you a plentiful supply of water at the right pressure.

## › **Can this be used with any type of hot water system?**

Powertanks are suitable for use with pressurised/unvented & combination boiler hot water systems and are not designed for use with unpressurised/vented / gravity fed systems where a cold water header tank already exists.

## › **Why can't I just fit a pump onto the mains?**

Water Authority bylaws prevent a pump being directly connected to the mains supply, so when your mains water pressure needs a boost, a break tank must be incorporated into the system. There is an exemption for pumps 'up to' 12 ltr/min but this is not guaranteed and relies on your mains being capable of delivering this volume. To put this into context, a single shower typically requires between 9-15 ltr/min.

## › **Will it be noisy?**

All pumps create noise, but by incorporating an ultra-quiet running submersible pump within a tank unit, the Powertank range is about as quiet as you can get. Typical dB of <65dB(A)

## › **Volumes**

All stated volumes are usable water volumes.

## › **Is it easy to install?**

Our all-in-one tank and pump unit is designed to remove the headache for installers. It is a packaged unit and therefore is fast and easy to install. See our Installation Guideline for step by step instructions.

## › **Where am I going to put it?**

The Powertank range has been designed to provide the end user with a variety of options in terms of water storage and usage requirements as well as availability of space. Typical installation areas include garages, plant rooms, utility rooms and kitchens.

## › **What is the difference between the fixed speed and the variable speed version?**

The fixed speed version has an automatic pump controller which provides the full performance of the pump on demand.

The variable speed version has an intelligent pump controller that will supply a smooth flow of water to every outlet by maintaining constant pressure throughout your property, speeding up and slowing down the pump to suit demand. This ensures efficient operation of the pump leading to reduced energy usage and a smoother user experience.

## › **What size property will this supply?**

The Powertank range is scalable and additional capacity can be added for large properties or those with particularly poor incoming flow rates. We have designed the range to fit in all domestic and commercial properties (incoming flow rate and required usage must be taken into consideration). If you have a weak incoming water supply yet a high demand for water, you also have the option to link an additional 'assist tank' to ensure you have enough stored water to meet demand.

## › **What if my tank runs out of water?**

The controller will turn off the pump if there is no water in the tank. It will automatically reset after a short delay allowing the water volume in the tank to recover. This pump protection feature ensures a long and happy life for the pump.



**Increased Water Pressure & Flow**



**Compact Design**



**Quiet & Reliable**



**Ease of Installation**



**Dry Run Protection**



**Marked Product**

# RANGE OPTIONS

## CONTROLS OPTIONS

### Fixed Speed

This is the most economical option and will transform the water pressure and flow in your property. This will deliver the full pressure of the pump at the in use flow rate (see performance table).

### Variable Speed

The variable speed option allows you to choose your desired pressure, speeding up and slowing down to suit demand. Whatever you are doing, from washing up, watering the garden, having a shower or all 3 together the pressure will continue to be the same to give you a constant pressure at every outlet.

## INCREASE PERFORMANCE

### Variable - TWIN & TRIPLE Pump Option

For higher flow rates the Powertanks can be fitted with two or three pumps to meet the required duty. Twin & Triple pump sets are configured as duty assist with two or three pumps sharing the duty.

Twin pump options are available from 500ltr tank capacity and Triple pump options are available from 2000ltr tank capacity.

These operate with the same functionality as a traditional booster set.

### Variable PLUS – More Powerful Pump Option

For certain applications a larger flow rate maybe required. The PLUS range can offer a much higher flow rate than the Standard Variable Speed unit and is a more cost-effective way of increasing the performance of the Powertank system without upgrading to a twin or triple pump system. This PLUS pump option is available on our larger tanks options.



## RANGE PERFORMANCE

| Pump Option                    | Power |      |      | Pressure | 1 Bar | 2 Bar | 3 Bar | 4 Bar | 5 Bar |
|--------------------------------|-------|------|------|----------|-------|-------|-------|-------|-------|
|                                | kW    | HP   | A    |          |       |       |       |       |       |
| Fixed Speed                    | 0.55  | 0.75 | 3.4  |          | 73    | 57    | 35    | -     | -     |
| Variable Speed                 | 0.75  | 1    | 6.3  |          | 80    | 80    | 80    | 68    | 50    |
| Variable Speed (Compact Model) | 0.55  | 0.75 | 5.2  |          | 80    | 80    | 68    | 42    | -     |
| Variable Speed PLUS            | 1.5   | 2    | 8.7  | Q l/min  | 160   | 160   | 138   | 107   | 50    |
| Variable Speed TWIN            | 1.5   | 2    | 12.6 |          | 160   | 160   | 160   | 136   | 100   |
| Variable Speed TRIPLE          | 2.25  | 3    | 18.9 |          | 240   | 240   | 240   | 204   | 150   |
| Variable Speed DG-BLU 3        | 0.75  | 1    | 7.5  |          | 110   | 95    | 79    | 60    | 40    |
| Variable Speed DG-BLU 5        | 1.1   | 1.5  | 10   |          | 130   | 115   | 102   | 85    | 65    |

## AIR GAPS EXPLAINED

### CAT 4

#### Fluid Category 4 / Type AF

Suitable for applications in commercial heatings systems, bottle washing, commercial dish-washing machines, brewery and distillations plants.



### CAT 5

#### Fluid Category 5 / Type AB

Suitable for applications where increased backflow protection is required such as applications in food washing & packing stations, abattoirs, hygienic rooms, surgeries and laboratories. This is an optional upgrade. A CAT5 option replaces the standard overflow. We would recommend using a drip tray with this configuration.



# POWERTANK COMPACT 125LTR

The Powertank Compact has been specifically designed for smaller properties with low water pressure and flow and where space is at a premium i.e. apartments, cottages, townhouses. Fitting into the space of a standard kitchen unit, the Powertank Compact is a similar size to a washing machine so can be hidden away behind a cupboard door. The electronic controller automatically starts and stops the pump when a drop in pressure is sensed i.e. a tap is opened and closed.

## KEY FEATURES

- Non-corrosive holding tank (WRAS approved material)
- Pre-fitted WRAS approved fill valve
- Integral overflow weir
- Minimal installation required
- Adjustable digital display flow controller (Variable Speed Option)
- Dry-run protection with auto restart (time delay)
- AB Air gap
- Suitable up to Fluid Category 5



## SYSTEM CONNECTIONS

| Connection | Size            |
|------------|-----------------|
| Inlet      | 1/2" BSP        |
| Outlet     | 1" BSP          |
| Overflow   | 40mm Waste pipe |
| Drain Off  | 1" BSP          |



Variable Speed Option



Fill Valve



Integral Overflow Weir

| Pump Option                    | Power |      |     | Pressure | 1 Bar | 2 Bar | 3 Bar | 4 Bar | 5 Bar |
|--------------------------------|-------|------|-----|----------|-------|-------|-------|-------|-------|
|                                | kW    | HP   | A   |          |       |       |       |       |       |
| Fixed Speed                    | 0.55  | 0.75 | 3.4 |          | 73    | 57    | 35    | -     | -     |
| Variable Speed (Compact Model) | 0.55  | 0.75 | 5.2 | Q l/min  | 80    | 80    | 68    | 42    | -     |

## RANGE OPTIONS

| Model                         | L (mm) | W (mm) | H (mm) | Weight (kg) |
|-------------------------------|--------|--------|--------|-------------|
| 125ltr Compact Fixed Speed    | 560    | 490    | 850    | 27          |
| 125ltr Compact Variable Speed | 560    | 490    | 870    | 33          |

|                  |  |
|------------------|--|
| Power Supply     | 240v 50Hz                                |
| Mains Cable      | 3 mtr fitted with 13 amp fuse mains plug |
| Access Cover     | 168mm Ø                                  |
| Tank Weight Full | 1ltr = 1 kg plus weight of empty tank    |

Please note that we have a policy of continuous product development and specifications may change from those shown.



# POWERTANK CAT5 10 OR 38LTR

The Powertank CAT 5 provides backflow protection for fluid category 5 risks. Our system includes a type AB air-gap and is available with either a 10ltr or 38ltr tank. We supply this tank with a self-priming jet pump to ensure smooth operation. The electronic controller automatically starts and stops the pump when a drop in pressure is sensed i.e. a tap is opened and closed.

## KEY FEATURES

- Non-corrosive holding tank
- Pre-fitted WRAS approved fill valve
- Integral screened overflow weir
- Minimal installation requirement
- Dry-run protection with auto restart (time delay)
- Self-priming Jet Pump
- AB Air gap
- Suitable up to Fluid Category 5

\* Powertank Compact also suitable for Fluid Category 5



## SYSTEM CONNECTIONS

| Connection | Size            |
|------------|-----------------|
| Inlet      | 3/4" BSP        |
| Outlet     | 1" BSP          |
| Overflow   | 40mm Waste pipe |

| Pump Option | Power |     |     | Pressure | 1 Bar | 2 Bar | 3 Bar | 4 Bar | 5 Bar |
|-------------|-------|-----|-----|----------|-------|-------|-------|-------|-------|
|             | kW    | HP  | A   |          |       |       |       |       |       |
| JCRm1C      | 0.37  | 0.5 | 3.4 | Q l/min  | 60    | 25    | 5     | -     | -     |

## RANGE OPTIONS

| Model                   | L (mm) | W (mm) | H (mm) | Weight (kg) |
|-------------------------|--------|--------|--------|-------------|
| 10ltr CAT 5 Fixed Speed | 500    | 300    | 670    | 14          |
| 38ltr CAT 5 Fixed Speed | 500    | 300    | 920    | 20          |

|                  |  |
|------------------|--|
| Power Supply     | 240v 50Hz                                |
| Mains Cable      | 3 mtr fitted with 13 amp fuse mains plug |
| Pump             | JCRm1C                                   |
| Tank Weight Full | 1ltr = 1 kg plus weight of empty tank    |



# POWERTANK DG BLU 3 & DG BLU 5 200LTR

The Powertank DG BLU systems are variable speed pump and tank units designed with the consumer in mind. A simple push button interface with LED display provides 2 options; '+' to increase pressure and '-' to decrease pressure making it very difficult to hinder the operation of the unit. Like all the other Powertanks in the range it automatically starts and stops the pump when a drop in pressure is sensed i.e a tap is opened and closed.

## KEY FEATURES

- Non-corrosive holding tank (WRAS approved material)
- Pre-fitted WRAS approved fill valve
- Minimal installation requirement
- Adjustable digital display flow controller
- Dry-run protection with auto restart (time delay)
- AF Air gap (AB Air gap Optional)
- Suitable up to Fluid Category 4 (CAT5 Option available)



## SYSTEM CONNECTIONS

| Connection | Size  |
|------------|---|
| Inlet      | 1/2" BSP  |
| Outlet     | 1" BSP  |
| Overflow   | 1 1/4" (32mm) female waste - pipe compression fitting |
| Drain Off  | 1" BSP  |



Intuitive User Interface



Rotating Inlet/Outlet Connector

| Pump Option             | Power |     |     | Pressure | 1 Bar | 2 Bar | 3 Bar | 4 Bar | 5 Bar |
|-------------------------|-------|-----|-----|----------|-------|-------|-------|-------|-------|
|                         | kW    | HP  | A   |          |       |       |       |       |       |
| Variable Speed DG BLU 3 | 0.75  | 1   | 7.5 | Q l/min  | 110   | 95    | 79    | 60    | 40    |
| Variable Speed DG BLU 5 | 1.1   | 1.5 | 10  |          | 130   | 115   | 102   | 85    | 65    |

## RANGE OPTIONS

| Model                          | L (mm) | W (mm) | H (mm) | Weight (kg) |
|--------------------------------|--------|--------|--------|-------------|
| 200ltr Variable Speed DG BLU 3 | 512    | 570    | 1211   | 27          |
| 200ltr Variable Speed DG BLU 5 | 512    | 570    | 1211   | 33          |

|                  |  |
|------------------|--|
| Power Supply     | 240v 50Hz                                |
| Mains Cable      | 3 mtr fitted with 13 amp fuse mains plug |
| Access Cover     | -  |
| Tank Weight Full | 1ltr = 1 kg plus weight of empty tank    |

Please note that we have a policy of continuous product development and specifications may change from those shown.



# POWERTANK CAT5 KIOSK 15LTR

NEW

PowerTank Single pump kiosk CAT5 booster system. Ideal for bin stores, bib taps, irrigation, window cleaning or any CAT5 application. Suitable for wall or floor mounting, internally or externally.

## KEY FEATURES

- Single pump kiosk CAT5 booster set
- Wall or floor mounting
- Housed in a robust IP54 GRP enclosure
- Full opening hinged lockable door
- All mechanical & electrical connections terminate external
- Optional frost heater
- AB Air gap

## SYSTEM CONNECTIONS

| Connection | Size     |
|------------|----------|
| Inlet      | 1/2" BSP |
| Outlet     | 1/2" BSP |
| Overflow   | 3/4"     |
| Electrical | 20mm     |



CAT5

MADE IN®  
UK  
CA

| Pump Option      | Power |     |     | Pressure | 1 Bar | 2 Bar | 3 Bar | 4 Bar | 5 Bar |
|------------------|-------|-----|-----|----------|-------|-------|-------|-------|-------|
|                  | kW    | HP  | A   |          |       |       |       |       |       |
| Fixed Speed Pump | 0.30  | 0.5 | 2.3 | Q l/min  | 25    | 16    | 8     | -     | -     |



## RANGE OPTIONS

| Model                         | L (mm) | W (mm) | H (mm) | Weight (kg) |
|-------------------------------|--------|--------|--------|-------------|
| 15ltr CAT 5 Kiosk Fixed Speed | 320    | 528    | 872    | 32          |

Full sized standard & high pressure peripheral pumps

|                         |  |
|-------------------------|--|
| Power Supply            | 240v 50Hz                                |
| Mains Cable             | 2 mtr fitted with 13 amp fuse mains plug |
| Pump                    | Peripheral Pump                          |
| Tank Weight Full        | 1ltr = 1 kg plus weight of empty tank    |
| Ambient Temperature     | 40°C                                     |
| Pumps                   | 1  |
| Tank                    | Polyethylene                             |
| Mounting                | Wall or floor mounted                    |
| Pressure Rating         | 8 Bar                                    |
| Frost heater (Optional) | Voltage: 230V AC                         |



# POWERTANK SNUG 350LTR

NEW

While the Powertank Snug was originally designed with understairs applications in mind, it is suitable for many types of premises - from bungalows to B&Bs, with low water pressure and flow and where space is limited. This versatile system which comes in 1 to 2 pump options offers duty/assist and duty/standby. The system can also be adapted to include the Integrated UV board, which facilitates UV disinfection of the water supply.

The design of the unit enables the installer/end user to maximise available space, while inclusion of a removable pump on lid allows for easy installation, access and maintenance.

## KEY FEATURES

- Non-corrosive holding tank (WRAS approved material)
- Pre-fitted WRAS approved fill valve
- Minimal installation requirement
- Adjustable digital display flow controller (Variable Speed Option)
- Dry-run protection with auto restart (time delay)
- AF Air gap (AB Air gap optional)
- Suitable up to Fluid Category 4
- Designed for understairs applications

## SYSTEM CONNECTIONS

| Connection | Size  |
|------------|---|
| Inlet      | 1/2" BSP  |
| Outlet     | 1" BSP  |
| Overflow   | 1 1/4" (32mm) female waste - pipe compression fitting |
| Drain Off  | 1" BSP  |



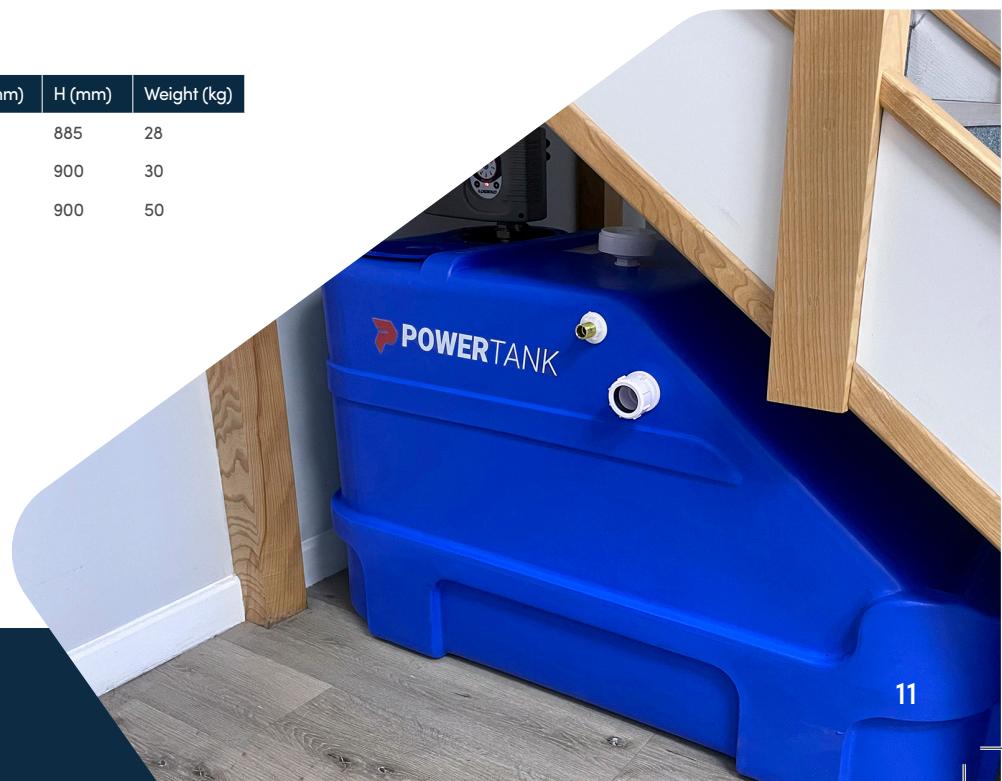
| Pump Option         | Power |      |      | Pressure | 1 Bar | 2 Bar | 3 Bar | 4 Bar | 5 Bar |
|---------------------|-------|------|------|----------|-------|-------|-------|-------|-------|
|                     | kW    | HP   | A    |          |       |       |       |       |       |
| Fixed Speed         | 0.55  | 0.75 | 3.4  |          | 73    | 57    | 35    | -     | -     |
| Variable Speed      | 0.75  | 1    | 6.3  | Q l/min  | 80    | 80    | 80    | 68    | 50    |
| Variable Speed Twin | 1.5   | 2    | 12.6 |          | 160   | 160   | 160   | 136   | 100   |

## RANGE OPTIONS

| Model                                | L(mm) | W(mm) | H (mm) | Weight(kg) |
|--------------------------------------|-------|-------|--------|------------|
| 350ltr Snug Fixed Speed              | 1200  | 590   | 885    | 28         |
| 350ltr Snug Variable Speed           | 1200  | 590   | 900    | 30         |
| 350ltr Snug Variable Speed Twin Pump | 1200  | 590   | 900    | 50         |

|                  |  |
|------------------|--|
| Power Supply     | 240v 50Hz                                |
| Mains Cable      | 3 mtr fitted with 13 amp fuse mains plug |
| Access Cover     | 180mm                                    |
| Tank Weight Full | 1ltr = 1 kg plus weight of empty tank    |

Please note that we have a policy of continuous product development and specifications may change from those shown.



# POWERTANK SIMPLICITY

The Simplicity range is designed as an entry level Powertank offering.

Our Simplicity Range is only available as a fixed speed option. The Simplicity range includes: 200ltr & 350ltr Slimline, 500ltr Utility, 200ltr, 270ltr, 340ltr, and 450ltr Coffin tanks.

It is electronically controlled, starting and stopping the pump automatically when pressure drops below 1.5 Bar

Unlike the standard Fixed Speed Powertank the Simplicity range controller does not include an integrated 1ltr pressure vessel for reducing the number of pump start & stops and does not have a adjustable start pressure feature.

## KEY FEATURES

- Non-corrosive holding tank (WRAS approved material)
- Pre-fitted WRAS approved fill valve
- Minimal installation requirement
- Built-in electronic start/stop
- Dry-run protection with auto restart (time delay)
- AF Air gap
- Suitable up to Fluid Category 4

## SYSTEM CONNECTIONS

| Connection | Size  |
|------------|---|
| Inlet      | 1/2" BSP  |
| Outlet     | 1" BSP  |
| Overflow   | 1 1/4" (32mm) female waste - pipe compression fitting |
| Drain Off  | 1" BSP  |

CAT 4

MADE IN UK  
BRITAIN CA



Fixed Speed Only



Overflow - Inlet

| Pump Option | Power |      |     | Pressure | 1 Bar | 2 Bar | 3 Bar | 4 Bar | 5 Bar |
|-------------|-------|------|-----|----------|-------|-------|-------|-------|-------|
|             | kW    | HP   | A   |          |       |       |       |       |       |
| Fixed Speed | 0.55  | 0.75 | 3.4 | Q l/min  | 73    | 57    | 35    | -     | -     |

## RANGE OPTIONS

| Model                                  | L (mm) | W (mm) | H (mm) | Weight (kg) |
|--|--------|--------|--------|-------------|
| 200ltr Slimline Simplicity Fixed Speed | 584    | 584    | 1190   | 26          |
| 350ltr Slimline Simplicity Fixed Speed | 584    | 584    | 1656   | 29          |
| 500ltr Utility Simplicity Fixed Speed  | 760    | 760    | 1393   | 34          |
| 200ltr Coffin Simplicity Fixed Speed   | 1106   | 475    | 770    | 30          |
| 270ltr Coffin Simplicity Fixed Speed   | 1571   | 475    | 751    | 32          |
| 340ltr Coffin Simplicity Fixed Speed   | 1571   | 475    | 980    | 34          |
| 450ltr Coffin Simplicity Fixed Speed   | 1765   | 580    | 846    | 36          |

|                  |  |
|------------------|--|
| Power Supply     | 240v 50Hz                                |
| Mains Cable      | 3 mtr fitted with 13 amp fuse mains plug |
| Access Cover     | 190mm (S) 300x450mm (C) 285mm (U)        |
| Tank Weight Full | 1ltr = 1 kg plus weight of empty tank    |



# POWERTANK SLIMLINE 200, 350 & 450LTR

The Powertank Slimline range is designed to fit through a standard doorway while occupying minimal floor space. This makes it an ideal choice for both new and existing properties, reducing access challenges. It can be conveniently installed in utility rooms or garages.

The slimline range is ideal for 3 – 5 bedroom houses, with poor water pressure and flow, and where floor space is limited. It is electronically controlled, starting and stopping the pump automatically when an outlet is opened and closed.

## KEY FEATURES

- Non-corrosive holding tank (WRAS approved material)
- Pre-fitted WRAS approved fill valve
- Minimal installation requirement
- Adjustable digital display flow controller (Variable Speed Option)
- Dry-run protection with auto restart (time delay)
- AF Air gap (AB Air gap optional)
- Suitable up to Fluid Category 4 (CAT 5 Optional)



## SYSTEM CONNECTIONS

| Connection | Size   |
|------------|--|
| Inlet      | ½" BSP   |
| Outlet     | 1" BSP   |
| Overflow   | 1¼" (32mm) female waste – pipe compression fitting |
| Drain Off  | 1" BSP   |



Variable Speed Option



Overflow - Inlet



AB Air Gap Option  
CAT5

| Pump Option    | Power |      |     | Pressure | 1 Bar | 2 Bar | 3 Bar | 4 Bar | 5 Bar |
|----------------|-------|------|-----|----------|-------|-------|-------|-------|-------|
|                | kW    | HP   | A   |          |       |       |       |       |       |
| Fixed Speed    | 0.55  | 0.75 | 3.4 |          | 73    | 57    | 35    | -     | -     |
| Variable Speed | 0.75  | 1    | 6.3 | Q l/min  | 80    | 80    | 80    | 68    | 50    |

## RANGE OPTIONS

| Model                          | L (mm) | W (mm) | H (mm) | Weight (kg) |
|--------------------------------|--------|--------|--------|-------------|
| 200ltr Slimline Fixed Speed    | 584    | 584    | 1190   | 26          |
| 200ltr Slimline Variable Speed | 584    | 584    | 1210   | 32          |
| 350ltr Slimline Fixed Speed    | 584    | 584    | 1656   | 29          |
| 350ltr Slimline Variable Speed | 584    | 584    | 1676   | 35          |
| 450ltr Slimline Fixed Speed    | 584    | 584    | 2100   | 33          |
| 450ltr Slimline Variable Speed | 584    | 584    | 2120   | 39          |

|                  |  |
|------------------|--|
| Power Supply     | 240v 50Hz                                |
| Mains Cable      | 3 mtr fitted with 13 amp fuse mains plug |
| Access Cover     | 190mm Ø                                  |
| Tank Weight Full | 1ltr = 1 kg plus weight of empty tank    |

Please note that we have a policy of continuous product development and specifications may change from those shown.



# POWERTANK COFFIN 200, 270, 340 & 450LTR

The Powertank Coffin range is designed for domestic and light commercial use where there is low mains water pressure and where pressure fluctuates.

It is electronically controlled, starting and stopping the pump automatically when an outlet is opened and closed. The Powertank Coffin tanks are designed for areas where height restrictions and access are an issue.

## KEY FEATURES

- Non-corrosive holding tank (WRAS approved material)
- Pre-fitted WRAS approved fill valve
- Minimal installation requirement
- Adjustable digital display flow controller (Variable Speed Option)
- Dry-run protection with auto restart (time delay)
- AF Air gap
- Suitable up to Fluid Category 4

## SYSTEM CONNECTIONS

| Connection | Size   |
|------------|--|
| Inlet      | ½" BSP   |
| Outlet     | 1" BSP   |
| Overflow   | 1¼" (32mm) female waste - pipe compression fitting |
| Drain Off  | 1" BSP   |



Variable Speed Option Overflow - Inlet

| Pump Option    | Power |      |     | Pressure | 1 Bar | 2 Bar | 3 Bar | 4 Bar | 5 Bar |
|----------------|-------|------|-----|----------|-------|-------|-------|-------|-------|
|                | kW    | HP   | A   |          |       |       |       |       |       |
| Fixed Speed    | 0.55  | 0.75 | 3.4 | Q l/min  | 73    | 57    | 35    | -     | -     |
| Variable Speed | 0.75  | 1    | 6.3 |          | 80    | 80    | 80    | 68    | 50    |

## RANGE OPTIONS

| Model                        | L (mm) | W (mm) | H (mm) | H (mm)<br>Tank Only | Weight<br>(kg) |
|------------------------------|--------|--------|--------|---------------------|----------------|
| 200ltr Coffin Fixed Speed    | 1106   | 475    | 770    | 540                 | 30             |
| 200ltr Coffin Variable Speed | 1106   | 475    | 790    | 540                 | 37             |
| 270ltr Coffin Fixed Speed    | 1571   | 475    | 751    | 521                 | 32             |
| 270ltr Coffin Variable Speed | 1571   | 475    | 771    | 521                 | 39             |
| 340ltr Coffin Fixed Speed    | 1571   | 475    | 980    | 750                 | 34             |
| 340ltr Coffin Variable Speed | 1571   | 475    | 1000   | 750                 | 40             |
| 450ltr Coffin Fixed Speed    | 1765   | 580    | 846    | 616                 | 36             |
| 450ltr Coffin Variable Speed | 1765   | 580    | 866    | 616                 | 42             |

|                  |  |
|------------------|--|
| Power Supply     | 240v 50Hz                                |
| Mains Cable      | 3 mtr fitted with 13 amp fuse mains plug |
| Access Cover     | 300mm X 450mm                            |
| Tank Weight Full | 1ltr = 1 kg plus weight of empty tank    |



# POWERTANK RECTANGULAR 300 & 500LTR



The Powertank Rectangular range is designed for domestic and light commercial use where there is low mains water pressure and where pressure fluctuates.

It is electronically controlled, starting and stopping the pump automatically when an outlet is opened and closed. The 300ltr & 500ltr tanks are designed for areas where the floor space is not restricted but where height restrictions are an issue.

## KEY FEATURES

- Non-corrosive holding tank (WRAS approved material)
- Pre-fitted WRAS approved fill valve
- Minimal installation requirement
- Adjustable digital display flow controller (Variable Speed Option)
- Dry-run protection with auto restart (time delay)
- AF Air gap (AB Air gap optional)
- Suitable up to Fluid Category 4 (CAT 5 Optional)

## SYSTEM CONNECTIONS

| Connection | Size  |
|------------|---|
| Inlet      | 1/2" BSP  |
| Outlet     | 1" BSP  |
| Overflow   | 1 1/4" (32mm) female waste - pipe compression fitting |
| Drain Off  | 1" BSP  |



Variable Speed Option



Overflow - Inlet



Twin Pump Option

| Pump Option         | Power |      |      | Pressure | 1 Bar | 2 Bar | 3 Bar | 4 Bar | 5 Bar |
|---------------------|-------|------|------|----------|-------|-------|-------|-------|-------|
|                     | kW    | HP   | A    |          |       |       |       |       |       |
| Fixed Speed         | 0.55  | 0.75 | 3.4  |          | 73    | 57    | 35    | -     | -     |
| Variable Speed      | 0.75  | 1    | 6.3  | Q l/min  | 80    | 80    | 80    | 68    | 50    |
| Variable Speed Twin | 1.5   | 2    | 12.6 |          | 160   | 160   | 160   | 136   | 100   |

## RANGE OPTIONS

| Model                                       | L(mm) | W(mm) | H (mm) | Weight (kg) |
|---|-------|-------|--------|-------------|
| 300ltr Rectangular Fixed Speed              | 1045  | 665   | 940    | 34          |
| 300ltr Rectangular Variable Speed           | 1045  | 665   | 960    | 39          |
| 500ltr Rectangular Fixed Speed              | 1190  | 727   | 1030   | 40          |
| 500ltr Rectangular Variable Speed           | 1190  | 727   | 1050   | 45          |
| 500ltr Rectangular Variable Speed Twin Pump | 1190  | 727   | 1050   | 65          |

|                  |  |
|------------------|--|
| Power Supply     | 240v 50Hz                                |
| Mains Cable      | 3 mtr fitted with 13 amp fuse mains plug |
| Access Cover     | 300ltr = 190mm Ø   500ltr = 285mm Ø      |
| Tank Weight Full | 1ltr = 1 kg plus weight of empty tank    |

Please note that we have a policy of continuous product development and specifications may change from those shown.



# POWERTANK UTILITY 500 & 750LTR



The Powertank Utility range is designed for domestic and light commercial use where there is low mains water pressure and where pressure fluctuates.

It is electronically controlled, starting and stopping the pump automatically when an outlet is opened and closed. The Utility range is designed for areas where the floor space is not restricted. This range caters for a wider variation of tank options to suit a wider range of applications.

## KEY FEATURES

- Non-corrosive holding tank (WRAS approved material)
- Pre-fitted WRAS approved fill valve
- Minimal installation requirement
- Dry-run protection with auto restart (time delay)
- Adjustable digital display flow controller (Variable Speed Option)
- AF Air gap (AB Air gap optional)
- Suitable up to Fluid Category 4 (CAT 5 Optional)



## SYSTEM CONNECTIONS

| Connection | Size  |
|------------|---|
| Inlet      | 1/2" BSP (3/4" Optional)                              |
| Outlet     | 1" BSP  |
| Overflow   | 1 1/4" (32mm) female waste - pipe compression fitting |
| Drain Off  | 1" BSP  |



Variable Speed Option   Overflow - Inlet   Twin Pump Option   AB Air Gap Option  
CAT5

| Pump Option         | Power |      |      | Pressure | 1 Bar | 2 Bar | 3 Bar | 4 Bar | 5 Bar |
|---------------------|-------|------|------|----------|-------|-------|-------|-------|-------|
|                     | kW    | HP   | A    |          |       |       |       |       |       |
| Fixed Speed         | 0.55  | 0.75 | 3.4  |          | 73    | 57    | 35    | -     | -     |
| Variable Speed      | 0.75  | 1    | 6.3  | Q l/min  | 80    | 80    | 80    | 68    | 50    |
| Variable Speed Plus | 1.5   | 2    | 8.7  |          | 160   | 160   | 138   | 107   | 50    |
| Variable Speed Twin | 1.5   | 2    | 12.6 |          | 160   | 160   | 160   | 136   | 100   |

## RANGE OPTIONS

| Model                                   | L(mm) | W(mm) | H (mm) | Weight (kg) |
|---|-------|-------|--------|-------------|
| 500ltr Utility Fixed Speed              | 760   | 760   | 1393   | 34          |
| 500ltr Utility Variable Speed           | 760   | 760   | 1413   | 40          |
| 500ltr Utility Variable Speed Plus      | 760   | 760   | 1413   | 42          |
| 500ltr Utility Variable Speed Twin Pump | 760   | 760   | 1413   | 60          |
| 750ltr Utility Fixed Speed              | 760   | 760   | 2113   | 49          |
| 750ltr Utility Variable Speed           | 760   | 760   | 2133   | 55          |
| 750ltr Utility Variable Speed Plus      | 760   | 760   | 2133   | 57          |
| 750ltr Utility Variable Speed Twin Pump | 760   | 760   | 2133   | 75          |

|                  |  |
|------------------|--|
| Power Supply     | 240v 50Hz                                |
| Mains Cable      | 3 mtr fitted with 13 amp fuse mains plug |
| Access Cover     | 285mm Ø                                  |
| Tank Weight Full | 1ltr = 1 kg plus weight of empty tank    |



# POWERTANK UTILITY 650 & 1000LTR



The Powertank Utility range is designed for commercial use on a larger scale where there is low mains water pressure and where pressure fluctuates.

It is electronically controlled, starting and stopping the pump automatically when an outlet is opened and closed. The Utility range is designed for areas where the floor space is not restricted. This range caters for a wider variation of tank options to suit a wider range of applications.

## KEY FEATURES

- Non-corrosive holding tank (WRAS approved material)
- Pre-fitted WRAS approved fill valve
- Minimal installation requirement
- Adjustable digital display flow controller (Variable Speed Option)
- Dry-run protection with auto restart (time delay)
- AF Air gap (AB Air gap optional)
- Suitable up to Fluid Category 4 (CAT 5 Optional)



## SYSTEM CONNECTIONS

| Connection | Size  |
|------------|---|
| Inlet      | 1/2" BSP (3/4" Optional)                              |
| Outlet     | 1" BSP  |
| Overflow   | 1 1/4" (32mm) female waste - pipe compression fitting |
| Drain Off  | 1" BSP  |



Variable Speed Option   Overflow - Inlet

Twin Pump Option

AB Air Gap Option

CAT5

| Pump Option         | Power |      |      | Pressure | 1 Bar | 2 Bar | 3 Bar | 4 Bar | 5 Bar |
|---------------------|-------|------|------|----------|-------|-------|-------|-------|-------|
|                     | kW    | HP   | A    |          |       |       |       |       |       |
| Fixed Speed         | 0.55  | 0.75 | 3.4  |          | 73    | 57    | 35    | -     | -     |
| Variable Speed      | 0.75  | 1    | 6.3  | Q l/min  | 80    | 80    | 80    | 68    | 50    |
| Variable Speed Plus | 1.5   | 2    | 8.7  |          | 160   | 160   | 138   | 107   | 50    |
| Variable Speed Twin | 1.5   | 2    | 12.6 |          | 160   | 160   | 160   | 136   | 100   |

## RANGE OPTIONS

| Model                                    | L (mm) | W (mm) | H (mm) | Weight (kg) |
|--|--------|--------|--------|-------------|
| 650ltr Utility Fixed Speed               | 1083   | 669    | 1283   | 54          |
| 650ltr Utility Variable Speed            | 1083   | 669    | 1303   | 60          |
| 1000ltr Utility Fixed Speed              | 1688   | 563    | 1640   | 74          |
| 1000ltr Utility Variable Speed           | 1688   | 563    | 1660   | 80          |
| 1000ltr Utility Variable Speed Plus      | 1688   | 563    | 1660   | 82          |
| 1000ltr Utility Variable Speed Twin Pump | 1688   | 563    | 1660   | 100         |

|                  |  |
|------------------|--|
| Power Supply     | 240v 50Hz                                |
| Mains Cable      | 3 mtr fitted with 13 amp fuse mains plug |
| Access Cover     | 285mm Ø                                  |
| Tank Weight Full | 1ltr = 1 kg plus weight of empty tank    |

Please note that we have a policy of continuous product development and specifications may change from those shown.



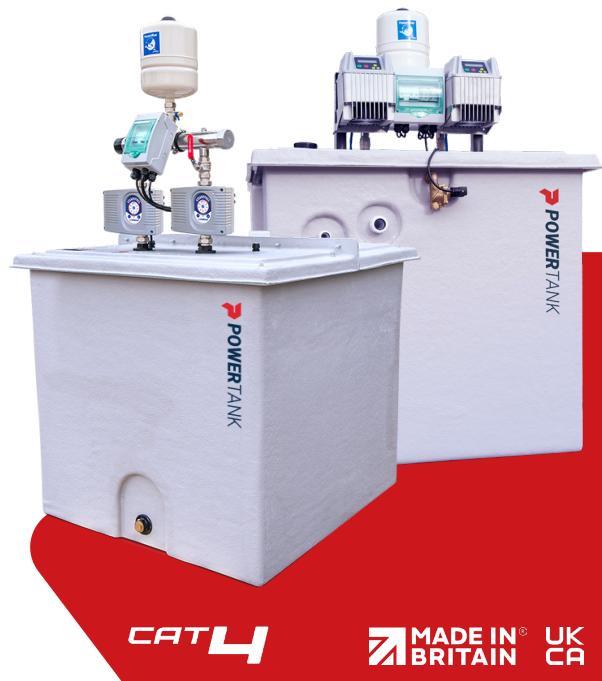


The Powertank Industrial range is designed to deliver water to commercial and industrial properties where the existing supply fails to meet demand.

The tank is WRAS approved and manufactured with insulating GRP materials and has a removable lid making it ideal for plant rooms. Fitted as standard with a variable speed controller and AF air gap. These tanks are fitted out individually in-house and are fully customisable.

#### KEY FEATURES

- WRAS approved GRP Tank
- Fully encapsulated insulation to sides and lid
- Close fitting and removable lid
- Screened vent and screened overflow unit
- BMS connections
- Low-level indicator
- AF Air GAP Standard (AB Air GAP Optional)
- Suitable for Fluid Category 4 (CAT5 Optional)



#### SYSTEM CONNECTIONS

| Connection                                | Size  | Mains Power Connection   |
|---|---|--|
| Inlet                                     | ¾" BSP  | Variable   |
| Outlet                                    | 1" Single - 2" Twin - 2" Triple                     | 3m x 1mm <sup>2</sup> 3 core cable fitted with 13 amp fuse main plug |
| Overflow                                  | 1 ¼" (32mm) female waste - pipe compression fitting | Variable Plus  |
| Warning Pipe                              | ¾" BSP  | 3m x 1mm <sup>2</sup> 3 core cable fitted with 13 amp fuse main plug |
| * Larger Inlet Sizes Available On Request |   | Variable Twin  |
| * 3 Phase Available On Request            |   | MCB box with connections for input/output                            |
|   |   | Variable Triple  |
|   |   | MCB box with connections for input/output                            |



Inlet - Overflow

| Pump Option           | Power |    |      | Pressure | 1 Bar | 2 Bar | 3 Bar | 4 Bar | 5 Bar |
|-----------------------|-------|----|------|----------|-------|-------|-------|-------|-------|
|                       | kW    | HP | A    |          |       |       |       |       |       |
| Variable Speed        | 0.75  | 1  | 6.3  |          | 80    | 80    | 80    | 68    | 50    |
| Variable Speed Plus   | 1.5   | 2  | 8.7  | Q l/min  | 160   | 160   | 138   | 107   | 50    |
| Variable Speed Twin   | 1.5   | 2  | 12.6 |          | 160   | 160   | 160   | 136   | 100   |
| Variable Speed Triple | 2.25  | 3  | 18.9 |          | 240   | 240   | 240   | 204   | 150   |

#### RANGE OPTIONS

| Model              | L (mm) | W (mm) | H (mm) |
|--------------------|--------|--------|--------|
| 500ltr Industrial  | 1180mm | 680mm  | 1036mm |
| 1000ltr Industrial | 1180mm | 1180mm | 1093mm |
| 1500ltr Industrial | 1180mm | 1180mm | 1593mm |
| 2000ltr Industrial | 2202mm | 1202mm | 1093mm |
| 2500ltr Industrial | 2202mm | 1202mm | 1343mm |
| 3000ltr Industrial | 3202mm | 1202mm | 1093mm |
| 4000ltr Industrial | 2192mm | 2192mm | 1093mm |
| 5000ltr Industrial | 2692mm | 2192mm | 1093mm |

\* Industrial dimensions for tank only

\* Larger Tank Sizes Available On Request



## INDUSTRIAL OPTIONS



### Variable Speed Controls as Standard

The variable speed control allows you to choose your desired pressure, speeding up and slowing down to suit demand. Our smart control option also features Bluetooth connectivity for control through a smartphone and app. Contact our sales team for more information.



### Variable - TWIN & TRIPLE Pump Option

For higher flow rates the Industrial Powertanks can be fitted with two or three pumps to meet the required duty. Twin & Triple pump sets are configured as duty assist with two or three pumps sharing the duty.

Twin pump options are available from 500ltr tank capacity and Triple pump options are available from 5000ltr tank capacity.

These operate with the same functionality as a traditional booster set.



## INCREASE PERFORMANCE

### Variable PLUS – More Powerful Pump Option

#### Tank Options



**CAT5**



#### Split Tank Options

For applications where access is restricted.

#### CAT5 AB Air Gap

Suitable for applications where increased backflow protection is required such as applications in food washing & packing stations, abattoirs, hygienic rooms, surgeries and laboratories.

#### Larger Tanks

In addition to our standard tank capacities we can supply larger tank sizes in excess of 5000ltrs.



#### Plant Rooms

Plant room systems are available for use in large commercial or industrial applications and can be a cost-effective and economical way of protecting and housing booster pump sets, water storage tanks as well as water treatment equipment.



Please note that we have a policy of continuous product development and specifications may change from those shown.

# POWERTANK BUNDED 250 & 650LTR



The Powertank Bunded range is designed for commercial use where there is low mains water pressure and where pressure fluctuates. Every Powertank Bunded tank benefits from a 'tank within a tank' banded construction, with the outer tank able to maintain a minimum of 110% of the volume of the inner tank. The inner tank acts as the primary storage container, whilst the outer tank acts as a fail safe in the event of a spill.

It is electronically controlled, starting and stopping the pump automatically when an outlet is opened and closed. The Banded range is designed for areas where the floor space is not restricted.

## KEY FEATURES

- Non-corrosive holding tank (WRAS approved material)
- Pre-fitted WRAS approved fill valve
- Minimal installation requirement
- Built-in electronic start/stop
- Dry-run protection with auto restart (time delay)
- AF Air gap
- Suitable up to Fluid Category 4



## SYSTEM CONNECTIONS

| Connection | Size  |
|------------|---|
| Inlet      | 1/2" BSP  |
| Outlet     | 1" BSP  |
| Overflow   | 1 1/4" (32mm) female waste - pipe compression fitting |
| Drain Off  | 1" BSP  |



Variable Speed Option Overflow - Inlet

| Pump Option    | Power |      |     | Pressure | 1 Bar | 2 Bar | 3 Bar | 4 Bar | 5 Bar |
|----------------|-------|------|-----|----------|-------|-------|-------|-------|-------|
|                | kW    | HP   | A   |          |       |       |       |       |       |
| Fixed Speed    | 0.55  | 0.75 | 3.4 | Q l/min  | 73    | 57    | 35    | -     | -     |
| Variable Speed | 0.75  | 1    | 6.3 |          | 80    | 80    | 80    | 68    | 50    |

## RANGE OPTIONS

| Model                        | L (mm) | W (mm) | H (mm) | Weight (kg) |
|------------------------------|--------|--------|--------|-------------|
| 250ltr Banded Fixed Speed    | 760    | 760    | 1478   | 49          |
| 250ltr Banded Variable Speed | 760    | 760    | 1498   | 55          |
| 650ltr Banded Fixed Speed    | 1200   | 752    | 1174   | 94          |
| 650ltr Banded Variable Speed | 1200   | 752    | 1394   | 100         |

|                  |  |
|------------------|--|
| Power Supply     | 240v 50Hz                                |
| Mains Cable      | 3 mtr fitted with 13 amp fuse mains plug |
| Access Cover     | Internal 190mm, External 285mm           |
| Tank Weight Full | 1ltr = 1 kg plus weight of empty tank    |



## Powertank Integrated UV Disinfection Systems

We offer a complete disinfected water boosting package by combining an Integrated UV system with our Powertanks. This ensures not only that you increase your water pressure and flow but also the quality of water in your system.

The UV boosted system is available with any standard single pump Powertank. Higher flow capacity UV systems are also available for use with Twin, Triple & Industrial Powertanks. For more information please contact us.



**34 l/min UV System**



**70 l/min UV System**

### STAGE 1: FINE SEDIMENT REMOVAL

Stage 1 is a 5 micron sediment filter cartridge for removing dirt, sediment, debris and absorbing compounds from the water to prevent them shielding bacteria for the UV light.

### STAGE 2: ULTRA VIOLET DISINFECTION UNIT

Stage 2 is a Viqua UV disinfection system for the purposes of inactivation of bacteria and viruses in the incoming water supply. This UV system has an integral countdown timer to indicate when the UV lamp needs to be replaced. UV lamps degrade over time and must be replaced every 12 months.

### BENEFITS TO UV DISINFECTION

- Equipped to inactivate chlorine-resistant parasites such as Cryptosporidium and Giardia, harmful bacteria like E.Coli, and viruses not visible to the naked eye
- Specially designed and tested Sterilume™-EX lamps provide consistent and reliable ultraviolet output over the entire life of the lamp (9000 hours) to ensure continuous purification. **Always use Viqua genuine replacement lamps and sleeves**
- The system is simple to maintain and service allowing for easy lamp replacement
- Built with a durable stainless steel chamber to prolong life and eliminate ultraviolet light degradation
- The controller visually displays the remaining lamp life and will go into alarm if the lamp fails. Monitored systems are equipped with a UV sensor which provides a continuous readout of UV intensity
- The controller has a sealed case to prevent damage from accidental water intrusion and is fully CSA and CE compliant
- Monitored systems allow for the installation of an optional solenoid valve which will stop the flow of water through the chamber should the UV performance fall below a safe level

| TECHNICAL DATA  |            |             |            |            |              |                                       |                                       |                |
|-----------------|------------|-------------|------------|------------|--------------|---------------------------------------|---------------------------------------|----------------|
| Model           | Stock Code | Height (cm) | Width (cm) | Depth (cm) | Max Pressure | *Max Flow Rate @ 16mj/cm <sup>2</sup> | *Max Flow rate @ 30mj/cm <sup>2</sup> | Inlet / Outlet |
| 36 l/min system | 3203330    | 60          | 48         | 18         | 6 Bar        | 60 l/min                              | 33 l/min                              | 1" BSP         |
| 68 l/min system | 3203340    | 75          | 55         | 18         | 6 Bar        | 130 l/min                             | 70 l/min                              | 1" BSP         |

| REPLACEMENT COMPONENTS |                      |                    |                      |                          |
|------------------------|----------------------|--------------------|----------------------|--------------------------|
| Model                  | 5μ Filter Stock Code | UV Lamp Stock Code | UV Sleeve Stock Code | Ballast/Timer Stock Code |
| 36 l/min system        | 3204060              | 3203410            | 3203520              | 3203620                  |
| 68 l/min System        | 3204100              | 3203440            | 3203550              | 3203620                  |

## Cabinet Water Softener Range

The AquaSilk range – including the **Mini**, **Midi** and **Maxi** models – offers an efficient solution designed to provide your home with consistently soft water while helping to protect your appliances, plumbing and skin from the effects of limescale. Each model in the range combines compact, slim design with high performance, offering quiet operation, low salt consumption and user-friendly features.

AquaSilk softeners deliver long-term reliability and noticeable everyday benefits – from softer laundry and shinier surfaces to improved efficiency of appliances which require water.

## AquaSilk



### FEATURES



Vacation Mode



2yr Battery Back-Up



Up Flow Regeneration



Optimal Salt Consumption



Ultra-Compact Slim Design



Built-in Brine Well Kit



|                             | AquaSilk Mini                                    | AquaSilk Midi | AquaSilk Maxi |
|-----------------------------|--|---------------|---------------|
| Tank size (inch)            | 8x15   | 8x24          | 8x35          |
| Resin Quantity (L)          | <b>8</b>   | <b>14</b>     | <b>21</b>     |
| Salt storage capacity       | <b>15</b>  | <b>29</b>     | <b>46</b>     |
| Operating flow rate (l/min) | <b>15</b>  | <b>21</b>     | <b>28</b>     |
| Water supply                | Municipal or pre-treated well water              |               |               |
| Operating pressure          | 2-6 Bar  |               |               |
| Water temperature           | 1-39°C   |               |               |
| Plumbing connections        | 3/4"   |               |               |
| Electrical requirement      | Input 100V-240V AC 50/60Hz<br>Output 12V DC 1.0A |               |               |
| Unit size, mm (HxWxD)       | 550x230x420                                      | 780x230x420   | 1056x230x420  |

### WHICH SIZE SOFTENER WOULD I NEED?



#### AquaSilk Mini 8L – 3206040

- Fits neatly under a sink, ideal for homes with limited space
- Suitable for smaller households or single bathrooms

#### AquaSilk Midi 14L – 3206050

- Designed for larger families or higher daily water usage
- Balances capacity with space efficiency

#### AquaSilk Maxi 21L – 3206060

- Ideal for homes with multiple bathrooms
- Provides extended capacity between refills





## Anti-Scale Systems

Hard water contains minerals that can cause limescale build-up in your appliances, and on surfaces. The media in ScaleArmor™ stops the growth of calcium, and magnesium carbonate crystals in water.

This helps domestic and commercial appliances such as washing machines, dishwashers, boilers, and other water systems stay efficient and less likely to break down due to internal limescale build-up.

The media is effective, and long-lasting due to it's patented special design providing anti-scale protection but leaving your water drinkable.



Available as three unique systems the POP, BLUES and the fully certified ROCK range.



**Whole house scale reduction system.**



**Certified system for the whole house.**



**Anti-Scale & Anti-Corrosion combined. Reduction of sediment**



| Model                                      | Stock Code | Connection Size Inch | Media Replacement | Flow Rate l/min |
|--|------------|----------------------|-------------------|-----------------|
| <b>POP10 ScaleArmor System 1 OT</b>        | 3205330    | 1                    | 1-Year            | 25              |
| <b>POP20 ScaleArmor System 1 OT</b>        | 3205340    | 1                    | 1-Year            | 38              |
| <b>ROCK20 ScaleArmor System 1 OT</b>       | 3205300    | 1                    | 2-Years           | 37              |
| <b>BLUES10 ScaleArmor System 1 IN 5mcr</b> | 3205370    | 1                    | 6-Months          | 21              |

## PFAS Armor - Forever Chemical Filter Systems

PFAS and PFOA, more commonly known as forever chemicals are a vast group of over 14,000 synthetic chemicals commonly used in industrial and consumer products due to their resistance to heat, water, and oil.

PFAS ARMOR provides 95% or greater reduction in PFAS/PFOA when tested with 1,5 ug/l in influent water containing PFAS/PFOA. These filters also reduce the level of sediment and chlorine whilst improving the taste and odour of the water.

The filtration unit can be installed at the point of entry to accommodate flow rates of up to **1800 l/h. (30 l/min)**

| Model  | Stock Code | Micron $\mu$ | Flow Rate l/min | Length Inch |
|--|------------|--------------|-----------------|-------------|
| <b>PFAS Armor 20" Big SX Complete System</b> | 3205700    | 1            | 30              | 20          |





# POWERTANK OPTIONAL EXTRAS



## Drip Tray

- Range available: Slimline, Utility Coffin, Rectangular.
- 1" overflow connection



## Splash Tray (Slimline & Utility)

- Suitable for: 200ltr 300ltr, 500ltr & 750ltr



## UV Filtration

- Available as 36 l/min and 68 l/min systems for Fixed or Variable speed Powertanks
- Integrated Ultraviolet disinfection
- Includes 5 micron pre-filtration
- 1" Connections



## Insulated Jackets

- Available for Slimline, Utility, & Coffin range
- 80mm insulation
- Reduce dB/vibration levels
- Easy to install
- Extra protection for extreme weather conditions



## Water Softeners

- Water Softener systems for hard water areas
- Removes high levels of calcium and magnesium
- 8, 14 & 21ltr cabinet systems
- Simplex & Duplex systems available for larger applications



## Reverse Osmosis Systems

- High quality safe drinking water
- Home appliances (kettle, iron, steam cooker, air humidifier etc.) will be protected from scale
- 4 or 5 stage systems
- Pumped or Non-Pumped options



## Anti-Scale Systems

- Reduce scale build up
- Easy to install
- Minimal maintenance
- 3 unique products types
- Whole house systems



## PFAS Systems

- Reduce PFAS and PFOA chemicals
- Filters and improves water quality
- Easy to install
- Minimal maintenance
- Whole house system



## Drinking Water Filters

- APLOS Clear is a space-saving DIY solution for enhancing drinking water quality
- Plug & play, includes everything needed for easy, under sink installation
- 2-in-1 compound filter; 0.5 micron carbon block and a 5 micron sediment cotton cartridge



## Anti-Vibration Mat

- Improvement of impact sound
- Reduce dB/vibration levels
- Easy to install
- Simple processing – cutting, drilling
- Various sizes available for each model



## Wall Bracket Support for Pressure Vessel

- Adjustable arm length
- 1" connection



# POWERTANK ASSIST TANKS

The Powertank is a booster pump system with water storage capacity options ranging from 125ltr to 1000ltr. By simply adding an additional 'assist' tank, water storage capacity can be increased.

## Compact

| Model            | Height | Length | Width |
|------------------|--------|--------|-------|
| 125ltr tank only | 767mm  | 560mm  | 490mm |



## Slimline

| Model            | Height | Length | Width |
|------------------|--------|--------|-------|
| 200ltr tank only | 1190mm | N/A    | 584mm |
| 350ltr tank only | 1656mm | N/A    | 584mm |
| 450ltr tank only | 2100mm | N/A    | 584mm |



## Utility

| Model             | Height | Length | Width |
|-------------------|--------|--------|-------|
| 500ltr tank only  | 1393mm | N/A    | 760mm |
| 650ltr tank only  | 1083mm | 1083mm | 669mm |
| 750ltr tank only  | 2113mm | N/A    | 760mm |
| 1000ltr tank only | 1444mm | 1688mm | 563mm |



## Coffin

| Model            | Height | Length | Width |
|------------------|--------|--------|-------|
| 200ltr tank only | 540mm  | 1106mm | 475mm |
| 270ltr tank only | 521mm  | 1571mm | 475mm |
| 340ltr tank only | 750mm  | 1571mm | 475mm |
| 450ltr tank only | 616mm  | 1765mm | 580mm |



## Rectangular

| Model            | Height | Length | Width |
|------------------|--------|--------|-------|
| 300ltr tank only | 710mm  | 1045mm | 665mm |
| 500ltr tank only | 800mm  | 1190mm | 727mm |



## DG Blu

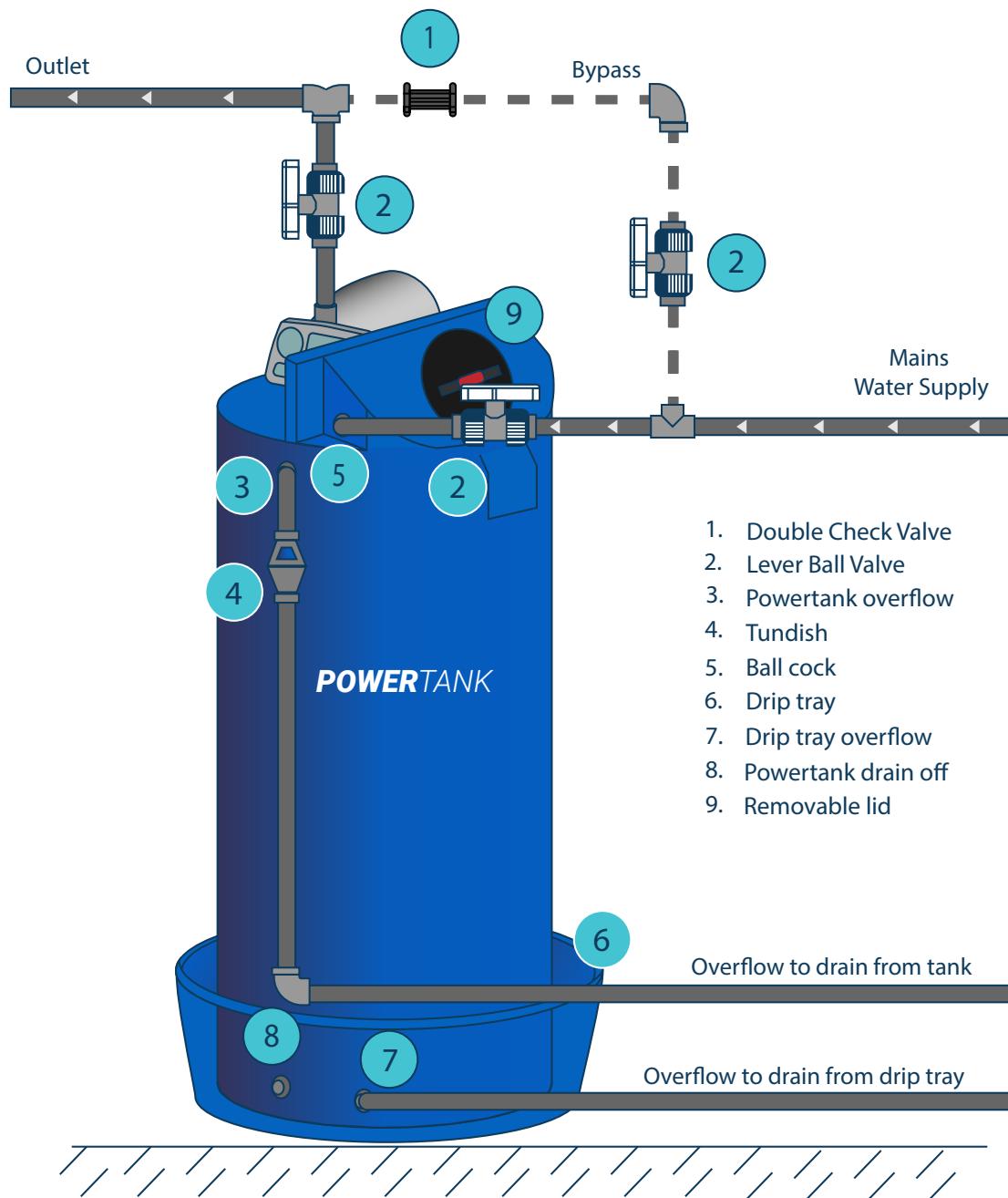
| Model            | Height | Length | Width |
|------------------|--------|--------|-------|
| 200ltr tank only | 1200mm | 510mm  | 570mm |



# POWERTANK INSTALLATION GUIDE

For full installation instructions please refer to the O&M Manual. Visit: [powertank.co.uk/support](http://powertank.co.uk/support)

## Slimline & Utility Ranges

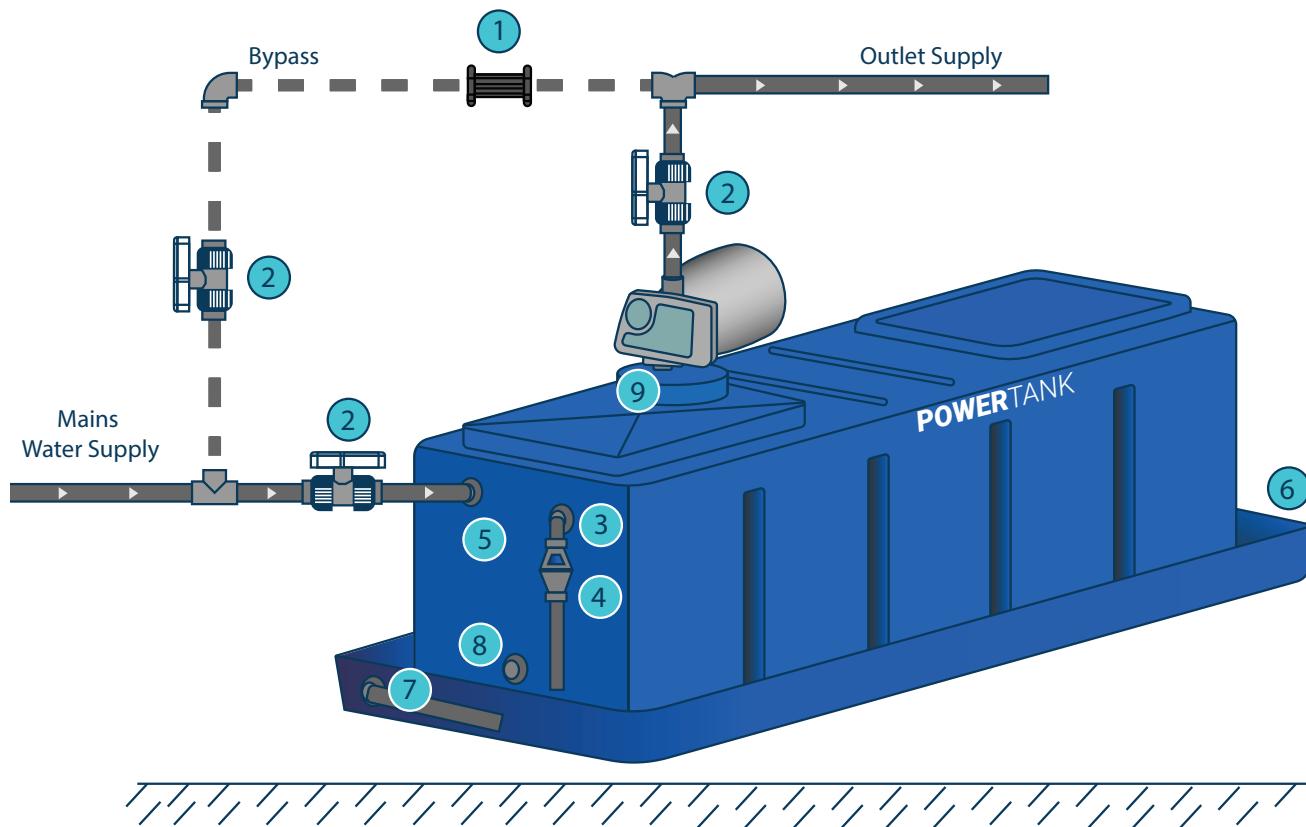


\* The use of a drip tray and insulation jacket are recommended with every installation



# POWERTANK INSTALLATION GUIDE

For full installation instructions please refer to the O&M Manual. Visit: [powertank.co.uk/support](http://powertank.co.uk/support)



1. Double Check Valve
2. Lever Ball Valve
3. Powertank overflow
4. Tundish
5. Ball cock
6. Drip tray
7. Drip tray overflow
8. Powertank drain off
9. Removable lid

## Other Products in the Water Boosting Range

Here at Pedrollo Distribution we know that everybody's requirements are different and the Powertank may not always be the correct option. We have a range of water boosting products that ensure we have a solution whatever your situation.

- › **Water Boosting for Unvented Systems (Where you already have a Tank)**  
Our range of single pump and controllers can be fitted in any unvented system where you may already have a cold water tank, or you would like to source your own.
- › **Water Boosting for Gravity-Fed Systems (Vented)**  
Our range of twin pumps and controllers can be fitted onto the hot and cold feeds to ensure equal pressure throughout your property.
- › **Water Boosting for Unvented Systems with Good Pressure and Low Flow**  
Our accumulators are a low-cost option for properties with good pressure but low flow. These fill up with pressurised water from the mains when demand is low which provides a reserve of water when you need it.
- › **Bespoke Solutions – Built to Order**  
If our standard offerings don't meet your requirements we have a comprehensive range of pumps, tanks and controllers which can be combined to suit your specific application.

## **POWERBOOST** Cold Water Booster Sets

Pedrollo Distribution introduces the POWERBOOST range of clean water booster sets for the supply of water for domestic, commercial, agricultural, industrial and municipal markets.



**FLOW**



**PRO**



**SOLO**

[power-boost.co.uk](http://power-boost.co.uk)

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