

Pressure Vessels

Domestic Rainwater Harvesting
Control System

PRODUCT OPERATION

Due to the constant opening and closing of valves in a rainwater harvesting system, a pressure surge is caused due to the water having to stop suddenly in the pipes. This pressure surge can cause problems such as vibration and banging in the pipes which could ultimately lead to pipes collapsing.

The most common way to resolve this issue is by introducing a pressure vessel (or hammer arrestor) into the pipe system. This vessel allows for the expansion of water in the system by absorbing the water against a compressed air membrane (cushion).

ADVANTAGES

- Prolongs the life of the submersible pump
- Eliminates pipe noise
- Prevents pipe collapse
- Easy to install
- Low cost





General specification

- 160ml
- 65mm dia. x 105mm height
- Carbon steel body
- White epoxy polyester paint finish
- Stainless steel flange
- Max. system Temperature: +99°C
- Max. Pressure of vessel: 8 bar
- Connection: 1/2" BSP
- Pre charged to 3.5 bar



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