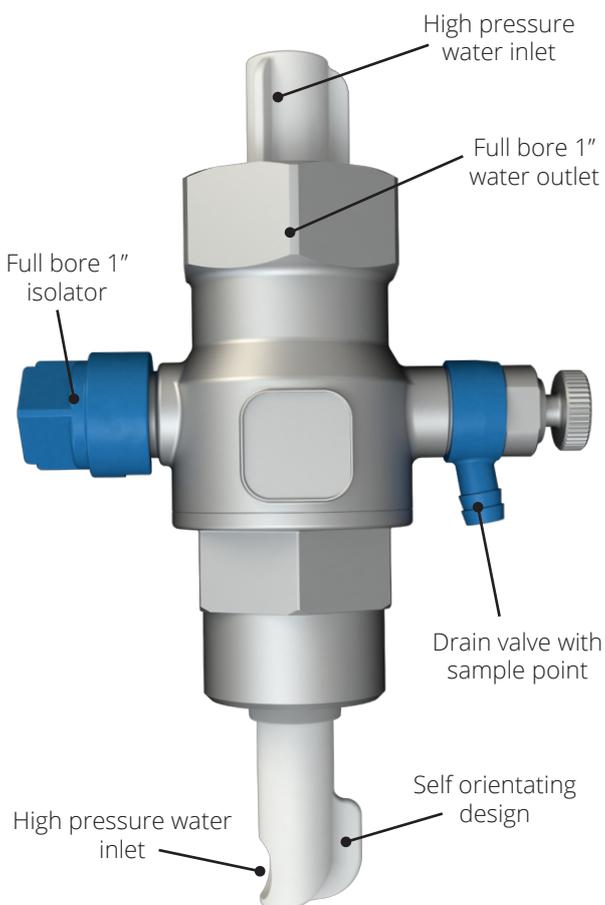


FlowThru™ Inline Adaptors

Recirculation device for the freshest water

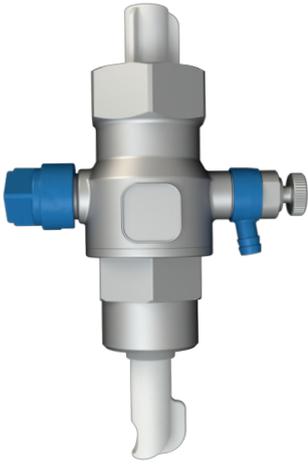
Global Water Solutions' FlowThru™ inline adaptors are ideally suited for constant pressure systems such as hot and cold booster systems controlled by variable frequency or variable speed drives (VFD/VSD). The FlowThru™ inline adaptor diverts the water through the tank while the pump is running, eliminating the risk of stagnant water and reducing the risk of waterborne bacteria such as legionella. This constant flushing ensures the freshest water in the tank.

FlowThru™ inline adaptors are 1" full bore recirculation devices that offer superior flow rates compared to other ¾" devices. Their unique design provides maximum circulation in the tank whilst assuring minimal pressure drop in the main pipe.



Features

- Patent Pending FlowThru™ Technology eliminates stagnant water, leading to a reduction of microbes in expansion tanks
- Ensures the freshest water in the tank
- Reduces the risk of water-borne diseases like Legionnaires' disease
- 1" Connection offering superior flow rates compared to other ¾" designs
- Flexible installation orientation
- Plus version includes isolation and drain valve allowing easy servicing, maintenance and water sampling
- Compatible with Global Water Solutions inline tanks



FlowThru™ Inline Adaptor Plus

- Self-orientating design eliminates the risk of leaking or overtightened connections.
- Isolating valve allows for easy expansion tank servicing
- Built-in drain valve allows water sampling without disruption to water supply.
- Prevents stagnant water on booster sets

Model	Connection
IFP-100BP	1" BSP
IFP-100NT	1" NPT



FlowThru™ Inline Adaptor

- Multiple orientations for installation, it eliminates the risk of leaking or overtightened connections.
- Prevents stagnant water on booster sets

Model	Connection
IFA-100BSP	1" BSP
IFA-100NPT	1" NPT

Easy Servicing and Maintenance

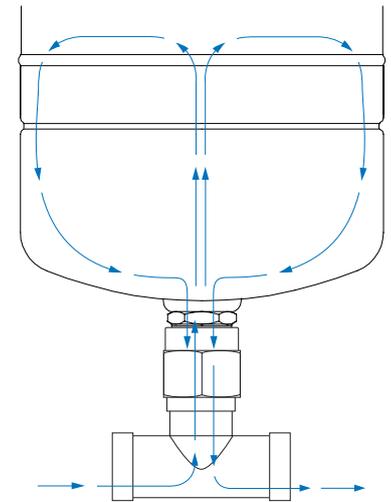
The main difference between the Standard and Plus version of the FlowThru™ Inline Adaptor is the built-in drain and isolation valves. The drain valve allows for easy sampling of the water for quality checks while the isolating valve allows servicing and maintenance of the expansion vessel. All without any disruption to the water supply.

Legionnaires' Disease

Legionnaires' disease is a severe form of pneumonia caused by legionella bacteria. Legionella is found naturally in fresh water and can become a health concern when it grows and spreads in water systems. Contamination usually happens through breathing in aerosols derived from small droplets of water that contain the bacteria (aspiration is another route especially in stroke and elderly patients or those with any illness that affects the swallowing reflex).

Prevention of Legionnaires' Disease

European guidelines such as the 'European Technical Guidelines for the Prevention, Control and Investigation, of Infections Caused by Legionella species' recognize the risk of 'expansion vessels in systems operating at steady temperature and pressure'. Recommendations are made to use devices 'designed to stimulate flow within the vessel' and to install expansion vessels in a cool place 'with an isolation and drain valve to aid flushing and sampling'.



The European Guidelines Working Group. European Technical Guidelines for the Prevention, Control and Investigation, of Infections Caused by Legionella Species. By Dr Susanne Lee et al. 2017. p83.

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