

# PRODUCT DATA SHEET

BIA UVPURGEVALVE • 810150



BRAND

BIANCO  
Aqua

## PRODUCT DETAILS

In situations where there is no flow through a UV chamber the lamp energy will heat the water, reducing the lamp output and increasing the rate of mineral deposition on the quartz sleeve. Should the chamber get hot enough there is risk to surrounding pipes and fittings and even the risk of personal harm.

The Bianco UV Purge Valve is an easy to install, fully automatic accessory to control these undesirable effects.

When the liquid in the chamber exceeds the set-point a small volume of water is released to drain and the incoming water cools the chamber

## BENEFITS

- UV lamp intensity is maintained ensuring the efficacy of the disinfection process
- Additional peace of mind for you and your family that your drinking water is made safe
- Reduced thermal stresses on your installation

## FEATURES

- Compact, easy to install
- Analogue operation - no-wire installation
- Fully automatic operation
- Zero maintenance

## TECHNICAL DATA

<b>PURGE TEMPERATURE</b>	Nominal 56°C / 135°F
<b>MAX. PRESSURE</b>	1000kPa / 145 PSI

<b>MATERIAL</b>	316 S/S, Brass thermal valve insert
<b>DRAIN PORT BARB</b>	7mm OD

## INSTALLATION

Install the temperature management (purge) valve DIRECTLY on the outlet of the UV chamber  
The outlet barb must point downwards or horizontally to avoid trapping air in the drain tubing  
The plastic drain tubing must be installed to allow free gravity flow. Avoid high spots or kinks  
Ensure that no BACK-FLOW can occur. As a suggested MINIMUM, connect to drain using an air gap  
Respect all local plumbing regulations, especially with regard to back-flow prevention