

## AS TAP



### Point-of-use tap filter for protection against Legionella

The **AS TAP** can be easily installed onto a standard faucet using a threaded adaptor and provides immediate protection through the integrated hollow fibre membrane filter

- Reliable and immediate protection against Legionella
- Cost Effective
- Easy and quick installation
- Compatible with thermal or chemical disinfection procedures
- Express delivery options





## AS TAP

### Water hygiene

In the UK, drinking water is assumed to be clean water. Indeed there are strict guidelines which the Water Supply companies follow to ensure that the water they supply is of an acceptable standard for the general population. However what happens to that water when it enters public building, hotels, our workplace or even our own home? The quality of the water which arrives at the tap or shower outlet can be adversely affected by the water system within a building and how that water system is managed. Water tank hygiene, stagnation and temperature can all allow bacteria such as Legionella to proliferate. Legionella

bacteria enters the body through the inhalation of water particles and causes, on average, 200 cases of Legionnaires disease in the UK each year with between 10 and 20 % of those cases being fatal. The Health and Safety Executive has published an Approved Code of Practice for Legionella (L8) which provides guidance for Employers and Facility Managers to help them comply with their legal duties. Point-of-use filters – fitted to any water outlet such as a tap or shower – are seen as an effective barrier to bacteria exiting the water system, allowing time for a permanent safe engineered solution to be implemented.

### AS TAP

Legionnaires' disease is usually spread by the breathing in of water vapour containing Legionella bacteria which is then deposited on the lungs. The bacteria thrives in water temperatures between 25 and 45°C and washbasin faucets by their very

nature create an ideal environment for the bacteria to spread. The **AS TAP** filter provides reliable and immediate protection against Legionella, removing bacteria at the point of use, allowing users to do the dishes, clean teeth or wash their hands safely.


### Installation

The installation of the **AS TAP** is easy: simply unscrew the flow straightener from the faucet spout and install the suitable quick release coupling (M22 Female or M24 Male options are available as standard). The **AS TAP** can then be clicked into the end of the coupling. Use the **AS TAP** filter for the prescribed operating time and then replace it with a new one leaving the quick release coupling in place. Additionally, the **AS TAP** can be used during thermal or chemical disinfection without affecting the filter performance.

### Fields of application

- Private homes
- Residential & nursing homes
- Daycare Centres
- Leisure facilities

### Technical Data

- |                          |                                      |                               |   |
|--------------------------|--------------------------------------|-------------------------------|---|
| ■ Dimensions:            | L 105 mm x Ø 44 mm, H 51 mm          | ■ Max. operating pressure***: | 5 bar   |
| ■ Legionella retention:  | 99.99999 %                           | ■ Max. operating temperature: | 60°C (at 70°C ≤ 30 min. over the operating time)                                      |
| ■ Membrane:              | Hollow fiber                         | ■ Connection:                 | Quick-release coupling  |
| ■ Operating time*:       | up to 2 months                       | ■ Certification:              |  |
| ■ Chlorine resistance**: | ≤ 10 ppm                             |                               |   |
| ■ Flow rate:             | initial 10 l/min (at 5 bar and 30°C) |                               |   |

\* Depending on water quality.

\*\* Continuous dosage ≤ 10 ppm over operating time, short-term (1 h) high dosage (400,000 ppm) for chemical disinfection.

\*\*\* Not suitable for connection to low-pressure systems (e.g. boilers).

### About Aqua free

Aqua free GmbH was founded in 1999 and is now established as one of the leading manufacturer of Water Hygiene products in Europe. Our Research and Development team are focused on continually developing innovative water hygiene solutions to suit domestic, commercial and medical applications, always

with a strong focus on customer needs. Aqua free products are manufactured and tested at our facilities in Germany and Belgium. The Aqua free products are characterized by their simple installation, ease of use and immediate, reliable protection from waterborne bacteria.