



Wallenius AOT 42 and 84

- An effective microbiological barrier against Legionella

The 42 and 84 models have been developed specially to decrease highly evasive Legionella bacteria in water systems. The products are based on Wallenius AOT, a chemical-free technology, which has been tested at the Vitens laboratories in the Netherlands. It meets the strict new BRL K14010-1/01 guidelines issued by Dutch quality assurance agency KIWA. The Vitens laboratories' tests prove that the powerful free radicals created by the Wallenius AOT 42 and 84 are even effective against Legionella bacteria which live inside amoebas.

The choice between models 42 and 84 is determined by the degree of contamination in the water and the desired degree of purification.

Installation

The product is connected to the system with G 1", G 1 1/4" connection. An outlet from the control box makes it possible to connect to an alarm function or a monitoring system. Installation to be made by authorized personnel.

Service and maintenance

Maintenance is uncomplicated thanks to the straightforward design and durable, corrosion-resistant materials. Maintenance is limited to the regular cleaning of light sources and quartz glass and the replacement of light sources after 9,000 hours of operation.

Technical specifications

- Max hydraulic water flow: 5 m³/h (80 l/min)
- Lamps, effect: 42 W (AOT42) and 84 W (AOT84)
- Power supply: 200-240 VAC, 50 Hz
- Pressure drop @ 80 l/min: <0,2 bar
- Max operation pressure: <7 bar
- Working temperature: 1-70°C (intermittent 95°C)
- Ambient temperature: 4-50°C
- IP: 66
- UV type: 3
- Connections: G 1", G 1 1/4"

Material

- Body: Titanium grad 2
- Quartz sleeves: Quartz type 219
- Seals: EPDM

AOT 42



AOT 84



Control box

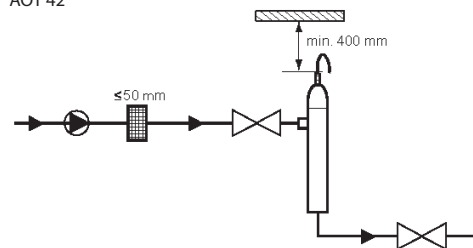


Dimensions

| | Weight | Height | Width | Dept |
|-------------|--------|--------|--------|--------|
| AOT 42 | 0,6 kg | 430 mm | 61 mm | 44 mm |
| AOT 84 | 1,5 kg | 550 mm | 250 mm | 44 mm |
| Control box | | 200 mm | 200 mm | 130 mm |

Installation

AOT 42



AOT 84

