



Wallenius AOT Filter

- mechanical filtering and biological and chemical decomposition of pollutants in the water, without adding chemicals.

The AOT Filter is a superb combination of three water purification methods

- An advanced oxidation technology - Wallenius AOT from Wallenius Water
- A 50 micron fully automated self cleaning filter from Boll & Kirch Filterbau
- A disinfecting UV light

Chemical free water treatment

- Mechanical filtering of particles >50 micron
- Decomposition of chemical pollutants
- Decomposition of biological pollutants

Energy- and cost-efficient solution

- Customise oxidation effect in accordance with the degree of pollution, flow and turbidity
- Multifunctional - three water purification methods in one a single installation
- Small footprint
- Modularly installed in new or existing systems
- Few moving parts, long lifetime

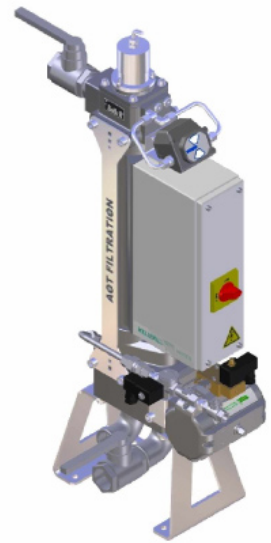
Accessories

- An optional booster pack can be supplied for very challenging water conditions
- An optional cleaning in place installation for the AOT unit to simplify operation

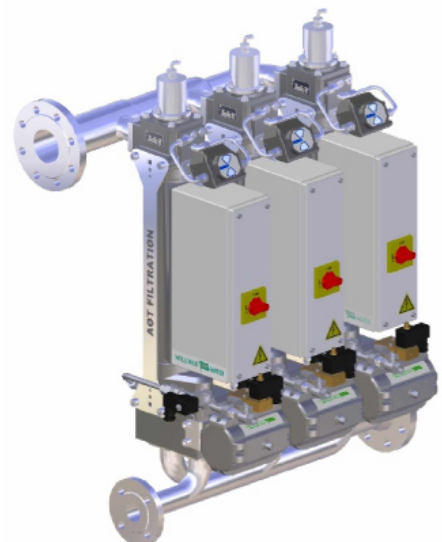
Areas of application

- Process water
- Cooling process water water
- Cooling towers
- Pool & spa
- Irrigation water
- Waste water

One AOT Filter unit

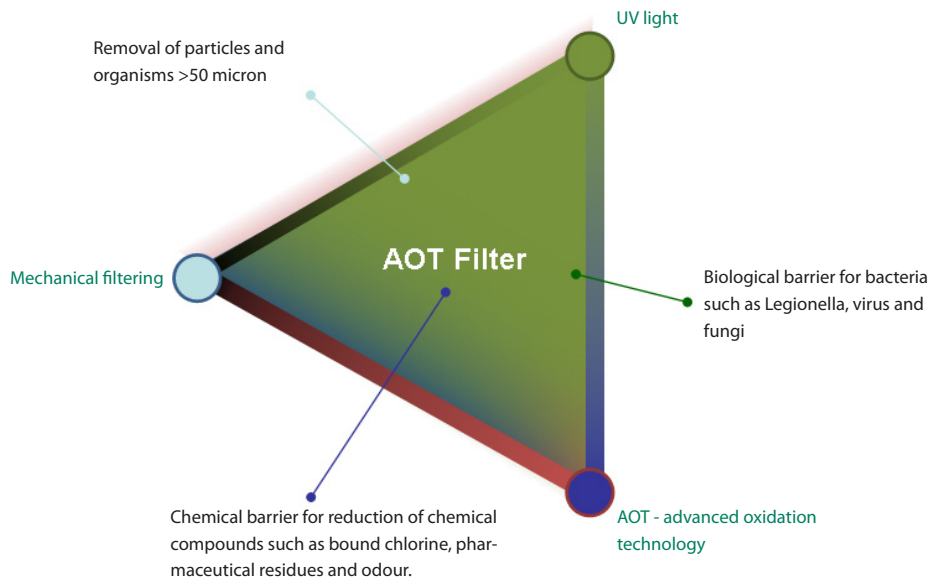


Three AOT Filter units





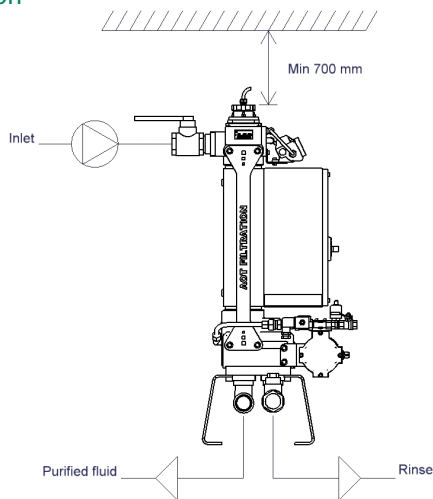
Chemical free water treatment



Effective reduction

- Legionella
- Ghandia
- Chryptosporidium
- Virus
- Fungus
- Particles >50 micron
- Organisms >50 micron
- Bound chlorine
- Pharmaceutical residues
- Odour

Installation



Technical specifications

- Max hydraulic water flow : 15-20m³/h (250-330 l/min)
- Lamps, effect: 700 - 1400 W
- Power supply: 200-240 VAC, 50 Hz
- Max operation pressure: 10 bar
- Pressure drop: <0,5 bar
- Water temperature: 1-40°C
- Ambient temperature: 4-40°C
- IP: 65
- Filter fineness: 50 micron
- HMI 3,2"



Dimensions

	Weight kgs	Length (mm)	Width (mm)	Depth (mm)
AOT Filter x 1	47	1020	450	260
AOT Filter x 2	102	1020	600	600
AOT Filter x 3	152	1020	920	600
Driver cabinet	400	120	185	
Control cabinet	20	500	500	210