

SECURED WATER QUALITY & EFFECTIVE COOLING SYSTEMS

AquaWorker®

UV disinfection solutions for industrial applications, specifically developed for water disinfection in tough environments.



UV FOR SECURING WATER QUALITY

- Reduces bacteria, protozoa, risk for legionnaires disease, cholera, etc.
- Sustainable chemical free operation

SECURED INDUSTRIAL OPERATIONS

- Cooling towers, heat exchangers, etc.
- Industrial, fresh- and salt-water applications
- Avoid fouling and clogging of systems
- Cut levels of aggregated bacteria/biofilms

CORROSIVE RESISTANT & HIGH PRESSURE

- Intake & recirculating systems
- Corrosive resistant titanium material
- High pressure PN10 application

AUTOMATIC UV LAMP CLEANING

- Prevents scaling & fouling on lamp sleeves
- Ensured continuous UV exposure
- No tools necessary for lamp exchange

AquaWorker®

Technical specification

Water temperature	5-40°C (sensor)
Water flow one-pass* / recirculating	max 100 m³/h / max 250 m³/h
Inlet/outlet dimensions	DN200, EN1092-1
Pressure class	PN10
Reactor material	Titanium grade 2
Sealing material	FPM (Viton), EPDM
Ambient relative humidity	max 100% condensating (reactor)
Reactor size (WxDxH)	600x800x1850 mm
Electrical	CE, 400V, 50/60Hz, 16A, 1200 W, IP54
HMI	5.7" colour touch screen
Output signal	Relay for alarm
Total Weight	170 kg incl packing

* Transmittance: 90%, 40mJ/cm²

Patented technology and registered AquaWorker® trademark are property of Wallenius Water Innovation AB.



Deliveries

Kröger Kaldnes	Arla
Billund Aquaculture	SPX Johnson Pump Marine
Östra sjukhuset	Scania
Haikou Haiwangxing	Dafgårds
Hainan Shuizhongjin	Umeå Energi
Haiyang	Clariant Masterbatches
Bring Frigo	Falu Energi
Yara	Hard Tech
Höganäs	Norrenergi
Fortum	Volvo Penta
Xin Yong Feng	Växjö Energi VEAB
Sheng Yi	Hard Tech
E-ON	Mälarsjukhuset
Min Feng	SAS Radisson
Outokumpu	Almondy
Atlas Copco	SAPA
Pilkington	Kemira
Emballator Mellerud	Skånemejerier
Outokumpu	Volvo Powertrain
Nordic Sugar	Unilever
Habi Cable	



WALLENIOUS
WATER INNOVATION

Wallenius Water Innovation is a Swedish company that develops sustainable and profitable solutions addressing significant health, safety, and environmental challenges within a variety of applications and industry segments. The main product families are, FluidWorker® which offers non-toxic and automated control of industrial process fluids, and AquaWorker® used for chemical free disinfection in water systems.