



UV-disinfection units

AQUAFLEX series

AQUAFIDES

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The AQUAFLEX series is the efficient and economical solution from AQUAFIDES for small flow rates. AQUAFIDES' high standards of quality and reliability were taken into account in the design.

Flexible and economical

The safe and reliable disinfection of water and the inactivation of pathogenic and non-pathogenic microorganisms (bacteria, viruses, etc.) have top priority in order to prevent negative health effects or contamination of the water.

Disinfection is carried out purely physically using very efficient low-pressure UV lamps. The UV light with a wavelength of 254 nm has a direct impact on the microorganisms without affecting the natural quality of the water. There are therefore no negative effects on odor or taste, as would be the case with chlorine, for example.

The advantage of the AQUAFLEX series lies in the wide range of possible applications, e.g. in the supply of drinking and process water for private households and larger buildings, in industry for process or cooling water and in agricultural applications.

In addition, the simple installation, intuitive operation and low operating costs reflect the overall high utility value of the AQUAFLEX series.

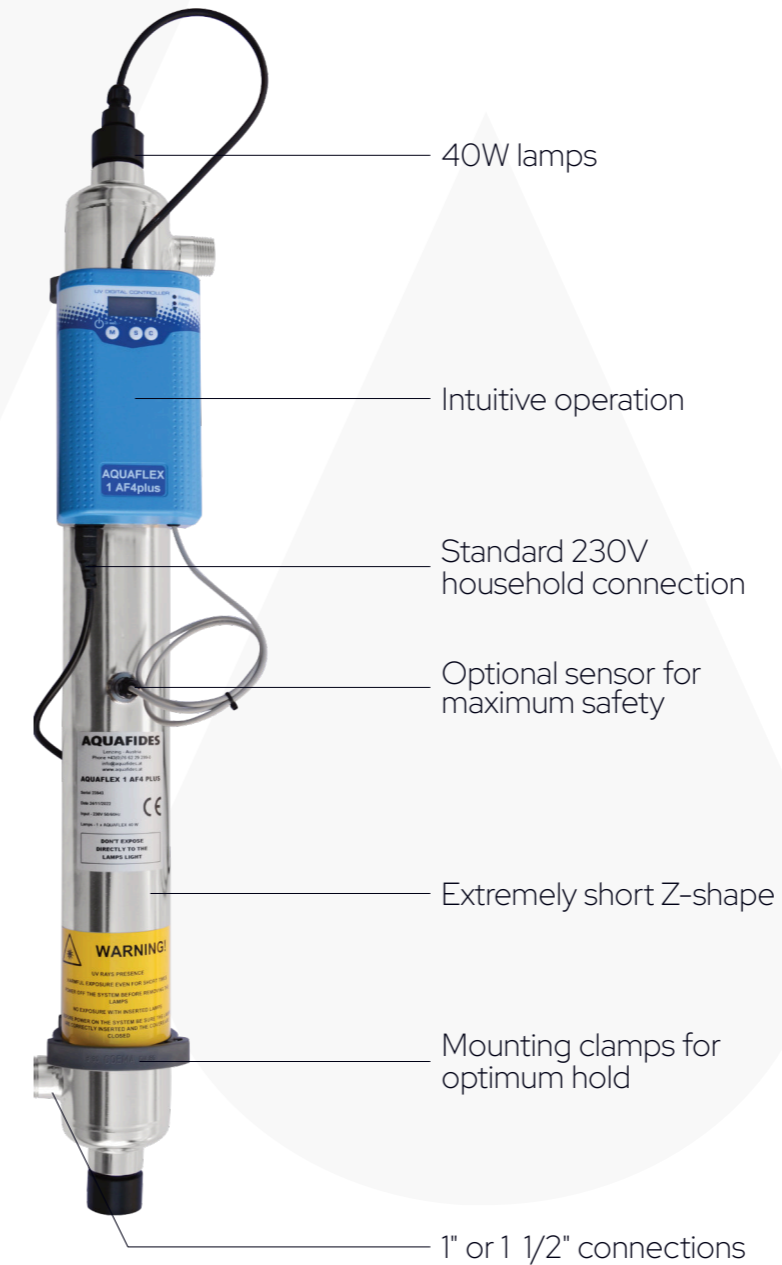
The plus in safety

The plus versions of the AQUAFLEX series are equipped with a UV sensor that constantly measures the intensity of the lamp. The device issues a fault signal if the intensity falls below the alarm values. This ensures safe disinfection despite non-certification. For maximum operational safety.

Key-features:

- Efficient solution for small flow rates of 0.5 - max. 9.1 m³/h
- Extremely short Z-design
- Easy to install
- Easy to maintain
- Intuitive operation
- Optimal UV sensor
- Non-certified series

Compact and efficient design

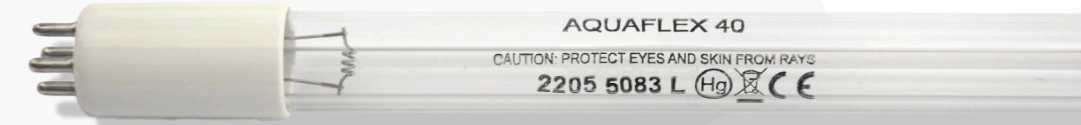


Saves you and the environment

The AQUAFLEX series impresses with its energy-efficient 40W lamps, which enable cost-effective water disinfection. The devices are durable and require minimal maintenance. Thanks to resource-saving production and high environmental standards, the environmental impact is significantly reduced throughout the entire product life cycle.

AQUA FLEX

Flexible like you



AQUA FIDES DES

water
loyalty (lat.)
disinfection

Unit type	1AF4	1AF4 plus	2AF7	2AF7 plus
Lamps	1 /40W	1 /40W	2 /40W	2 /40W
Flow rate (m ³ /h)	0,50 - 2,75	0,50 - 2,75	2,0 - 9,1	2,0 - 9,1
Fluency (J/m ²) (calculated according to PSS)	400	400	400	400
Connections (external thread)	R 1"	R 1"	R 1½"	R 1½"
Dimensions (chamber)	920x160x180mm	920x160x180mm	920x210x250mm	920x210x250mm
Sensor monitoring	No	Yes	No	Yes

Applications:

- Drink- and service water supply
- Private households
- Industrial buildings (process- or coolingwater)
- Agriculture

