

UVC Disinfection

PearlAqua Deca 30C is an easily implemented LED UV unit used in the control of unwanted microorganisms in drinking water. PearlAqua Deca 30C uses small UVC LEDs to inactivate microorganisms without the use of harmful chemicals or mercury.

PearlAqua Deca C:

- Small compact unit
- Easy to implement
- High efficiency with up to 99,99% inactivation
- Continuously monitored unit
- Tested UVC LED
- Low power consumption



Used in:

- Water taps
- Caravans
- Boat
- Tapping points
- Ice machines
- Water taps
- Soda machines, etc.



Read more about
UVC here

Technical information:

The UV water disinfection system is mounted directly on the water line vertically. PearlAqua Deca 30C has built-in UV sensors and LED indicators. The units have a lifespan of up to 10.000 hours before they need to be replaced. The unit is not affected by the number of on/off cycles. PearlAqua Deca 30C has a built-in flow sensor that turns the UV LED on/off depending on whether there is a flow.

At a UVC dose of 10 mJ/cm², under normal circumstances, a reduction of E-coli, etc. of up to 99% or more will be achieved.

At 30 mJ/cm², a very high reduction of 99,99% of common pathogens in water will be achieved with UVT down to 90%

Specifications		
Specifications may vary based on individual configurations		
Product name	PearlAqua Deca 30	
Lifetime on bulb	Up to 10.000 hours	
UVC dose contra flow. (Ved >98% UVT)	Dose	30 mJ/cm ²
	Flow	8 Liters/min
Max flow	15 Liters/min	
Length × Height × Bredde	110,6 mm × 153,02 mm × 83mm	
Water temperature	0-40°C	
IP	55	
Electric info (V-DC)	110-240	
Plumbing connection	3/8 BSPP	
Material	Plast	