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Direct water Filters
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16W (7.5LPM) Ultra Violet (UV) Water Treatment Systems



Price: £99.95

Brand: [Direct Water Filters](#)

Product Code: LUXE-UV-16W

Availability: In Stock

[Buy Now](#)

MODEL NUMBER: LUXE-UV-16W

We now have an upgraded electronic ballast option with countdown lamp timer

UV Systems provide a sleek, compact design and economical ultraviolet water treatment for low flow and medium flow applications such as:

Residential
light commercial
reverse osmosis systems
vending machines
food industry
laboratory

Ultra Violet units use a stainless steel water chamber maximising full use of the available ultraviolet energy resulting in long exposure times and high UV doses whilst minimising UV light absorption into the chamber wall.

Equipped to inactivate chlorine-resistant parasites such as Cryptosporidium and Giardia, harmful bacteria like E.Coli and viruses not visible to the naked eye.

Specially designed and tested regular output lamp provides a consistent and reliable ultraviolet output over the entire life of the lamp (9000 hours) to ensure continuous purification.

Please note that UV sterilisers do not improve the taste of the feed water. They should be incorporated into a system comprising the appropriate water filters to remove particles and to treat the water to make it palatable. Our trained staff can advise on the appropriate system to meet any combination of feed water flow and quality.

IMPORTANT

If you intend to install this product to a domestic or public water supply we strongly advise you install pre-treatment to a minimum rating of 5 microns.

Specifications

Inner quartz sleeve with highly polished quartz structure to provide optimum wavelength penetration.

The system is easy to maintain and service with easy lamp replacement.

Equipped with a slip connector that allows for easy removal of the lamp without special tools.

Built with a durable heavy duty 304 internal polished stainless steel chamber to prolong life and eliminate ultraviolet degradation whilst allowing full refraction surface for the UV light providing constant contact levels of sterilisation.

CE ballast power supply, which has an audible alarm and visual indicator in the unlikely event of lamp failure.

Technical Specification:

Lamp watts: 16 W

Flow Rate Osmotised Water: 7.5 LPM (Litre per minute)

Max volume flow @ 30mj/cm (300J/m²) : 6 lt/min.

Power ratings 220/240VAC

Inlet/outlet: 1/2" Female Thread

Dimensions: 64 x 365 mm

Operating pressure: 125 psi max.

9000 hrs lamp life (approx. 1 year of use)

The UV dose is 300 J / m² = (30 mJ/cm²) in our UV UltraRays series.