PRODUCT DATA SHEET

ATLAS FILTRI UV STERILISERS

ATL-UV20000RACK | 812056



PRODUCT DETAILS

Atlas Filtri UV Sterilisers are UV systems that inactivate pathogens, including bacteria, viruses, and some protozoa, without the use of chemicals such as chlorine. This eliminates issues associated with taste, odour, and chemical residuals.

Designed for high flow rates, these UV Sterilisers provide reliable treatment for whole-house, commercial, and light industrial applications, delivering consistent performance across multiple outlets.

APPLICATIONS

- High-flow residential potable water systems
- Commercial and light industrial water treatment systems

FEATURES & BENEFITS

- Inactivates bacteria, viruses, and other microorganisms
- Potable water-safe materials
- Durable stainless steel manifold
- Low installation and operating costs
- Preserves the natural taste and odour of water
- Lamp failure alarms help prevent untreated water from passing through the system
- Chemical-free disinfection with no harmful by-products
- LCD controller for simple monitoring and maintenance

INSTALLATION

- Rack-mounted design for easy installation and servicing
- Adaptable to different installation layouts

TECHNOLOGY

UV-C disinfection uses ultraviolet light at 254 nm to neutralise microbial contaminants, including moulds and spores, in water. At this germicidal wavelength, UV-C light disrupts DNA and RNA, preventing microorganisms and viruses from reproducing and rendering them harmless.

MAINTENANCE

Maintenance is simple and involves periodically replacing the high-purity, quartz-sleeved mercury lamps.

SPECIFICATIONS

UV-C DOSE	≥ 40 mJ/cm^2
LAMP CONFIGURATION	3 x 80W (9000 hours)
MAX. FLOW RATE	33 L/min
INLET / OUTLET	2” M
MAX. PRESSURE	9 bar
WATER TEMPERATURE	4 – 45°C
MANIFOLD MATERIAL	AISI 304 Stainless Steel
CONTROL BOX SETUP	Microprocessor with LCD display
CONTROL BOX RATING	IP55
UV CHAMBER DIMENSIONS	Ø 154 x 988 (H) x 254 (W) mm
CONTROLLER DIMENSIONS	300 (W) x 400 (H) x 200 (D) mm