UV KIT

WSUVK200

Power	2 x 100w Lamps
Flow & Pressure	350 Lpm @ 60 psiG 125 psiG MAWP
Dosage	30 mJcm^2 / 95% UVT Manufacturers Rating
Pack	Carton 1100x300x150 0.05m^3; 15kg
Connections	**1.5" BSP inlet outlet**

Usage Guide:

- A dosage 12.3 mJ/cm^2 is required to protect against Legionellae.
- Legionellae can reside in water up to 55 degC, the normal setting in Hot Water systems.
- Water flow must be restricted to ensure dosage is always delivered above the required level.
- The ability of the lamp to penetrate the water depends on clarity.
- Absolutely clear water can be considered to have a clarity of 95%UVT.
- Rain water / ground water / swimming pool water is more likely to be murky by comparison. Flowrate must be restricted to allow more time for the light to penetrate to maintain dosage.
- Municipal supplied water circulating in a Hot Water System should have a clarity exceeding 70%UVT but perhaps not as high as 95%UVT.
- As a guide 1 watt per 1000 liters will allow substitution of chlorine for maintaining a healthy swimming pool.

Testing

- **NSF tested** material **NSF.** for structural integrity & extraction

Kit Components:

- 1 x UV Chamber: 304 Stainless Steel, 1040mm x 110 mm with end caps & ¼" press button vent
- 2 x Alloy Ribbed Chamber brackets
- 2 x 1.5" SS Hex Chamber Outlet Union
- 2 x UV Lamps: T5 x 1000 mm; 100 watt each
- 2 x Quartz Sleeves: T5 x 1080 mm
- 2 x Power Supplies: 100 watt 800 mA Gel Filled Ballast; enclosed in IP 55 rated box; Protection via 16A RCD & Surge Protector; Replaceable fuse 240w
- Source Power: 100 to 240 Volt AC