

UV KIT



WSUVK80

Power	1 x 80w Lamp
Flow & Pressure	140 Lpm @ 60 psiG 125 psiG MAWP
Dosage	30 mJcm ² / 95% UVT Manufacturers Rating
Pack	Carton 1000x300x150 0.05m ³ ; 15kg
Connections	1.0" BSP inlet outlet

Usage Guide:

- A dosage 12.3 mJ/cm² 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.
- Rainwater / 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**



for structural integrity & material extraction

Kit Components:

- 1 x UV Chamber: 304 Stainless Steel, 910mm x 90 mm with end caps & ¼" press button vent
- 2 x Alloy Ribbed Chamber brackets
- 2 x 1.0" SS Hex Chamber Outlet Union
- 1 x UV Lamps: T5 x 850 mm; 80 watt each
- 1 x Quartz Sleeve: T5 x 930 mm
- 1 x Power Supply: 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