

NUMATIK ENGINEERS PVT.LTD.

TECHNICAL DATA :-

U.V. STERLIZER MODEL NO. SWE-1 (150 LPH HORIZONTAL)

INTRODUCTION :

It is an exclusively Electronic Device using the extra high intensively Ultra Violet rays for the destruction of water borne micro-organisms (Bacteria, Virus, etc) with high efficiency and reliability for high purity water conforming to WHO/USEPA/APHA.

The method of purification is highly economical as compared to boiling or chlorination / decolorization of water. The water purified by UV rays doesn't change color, odor taste & its chemical properties.

The water purified by its process doesn't require subsequent chlorination, boiling or use of any other disinfectant. In fact, it has been proved to be far superior to standard chlorine disinfection which fails to kill the stronger micro-organisms present in water.

TECHNICAL SPECIFICATION :

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| 1. Max. Flow. | : 150 to 180 Liters/hr. |
| 2. Inlet & Outlet connections | : 1/2" Threaded Connection |
| 3. No. of U. V. Lamps | : 1 No. U. V.Lamps 8 watts. (PHILIPS - Poland)
Working Life 9,000 Working Hours, 30,000 MICRO W-S/CM2
Maximum Output Efficiency -99.90%, UV Lamp Output -2.1W
Wavelength-2537 Angstrom Or 254 Nanometer
(UV Intensity -54.692 Milli Jwils - For One UV Lamp)
(54692 Microwattss/cm2 - For One UV Lamp) |
| 4. Quartz Jacket silica Lamp | : 1 No. Quartz Jacket Silica (Made in France) Each U.V.
protected in a high transmission, quality quartz jacket for peak UV. Radiation. Also protected UV Lamp from any Water Quality. |
| 5. Working Pressure | : Max. 3.5 kg/cm2, Min. 0.5 kg/cm2 |
| 6. Design Temperature | : 5 Dig C To 100 Dig C |
| 7. U. V. Chamber | : SS 316 Electro polished internal & Out side chamber
Purification chamber for life time corrosion free service. |
| 8. Lamps Monitor | : Indicates functioning of the Ultra Violet Lamp. |
| 9. Power supply | : standard 220/230V 50Hz 5Amp. AC total 10 Watts |
| 10. Dimension | : O.D.:60mm, Width:150mm,Weight : 4kg.Length 325 mm |
| 11. PP Filter Housing | : 5 Micron cartridge with Activated carbon 8" PP Filter Housing. |

