

U. V. STERLIZER MODEL SWE-50 / THREE CAVITY (CAP.5000 LPH)

TECHNICAL SPECIFICATION :

1. Max. Flow. : 5000 Ltrs/Hr.
2. Inlet & Outlet connections : 1.5" BSP Coupling Or 1.5" TC Fitting
3. No. of U. V. Lamps : 3 Nos. U.V. Lamps 40 watts. (PHILIPS - Polland)
Life of lamps = 9000 working hrs 30,000 MICRO W-S/CM2
Maximum Out Put Efficiency -99.90%, UV Lamp Out Put -15W
Wavelength-2537Angstrom Or 254 Nanometer
(UV Intensity -46.67 Milli Jwils For 1 UV Lamp x 3=140.01Milli Jwils)
(46670 Microwattss/cm2 For 1 UV Lamp x3=140010Microwattssec/cm2)
4. Quartz Jacket silica : 3 Nos. Quartz Jacket Silica (Made in France) UV. Lamp protected in a high transmission, quality quartz jacket for peak U.V. Radiation. Also protected UV Lamp from any Water Quality.
5. Working Pressure : Max. 7.5 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. Flange System : Removable flanged head for easy disassembly
9. Drain system : Drain ports to facilitate periodic cleaning of chambers
10. Manual wipers : cleaning of Quartz Jacket to assure operating efficiency.
11. Lamps Monitor : Indicates functioning of the Ultra Violet Lamp.
12. Power supply : Standard 230/250V 50Hz, 5Amp. AC total 150 Watts
13. Dimension : Shell :- O.D.: 170 mm, Thick :2 mm, Length : 1000mm, Width: 260 mm, Weight :20 Kg., Height : 290 mm
14. Auto Power Box Dimension : Width: 200 mm, Length : 305 mm, Height : 75 mm
15. Hour Meter : 1 No. (Each for One Power Box)
16. UV Intensity Monitor Count : 1,000 Microwatts/cm2 = 1 Micro Jwils

