

NUMATIK ENGINEERS PVT.LTD.

TWO PASS U.V. STERLIZER MODEL NO, SWE-250 (CAPACITY 20m3 to 25m3)

TECHNICAL SPECIFICATION :

1. Max. Flow. : 20m3 TO 25m3
2. Inlet & Outlet connections : 50 NB Flange Table 10 'D' Flange .
3. No. of U. V. Lamps : 12 Nos. U. V. Lamps 40 watts.
Life of lamps = 9000 working hrs 30,000 micro - watts s/cm2
wavelength 2537 Angstrom, 254 (Nanometer)
(38.85 Milli Jwils – For One UV Lamp x 12 =466.2 Milli Jwils)
(38850 Macrowatts For 1 UV Lamp x 12 UV Lamp = 466200 Milli Jwils)
4. Quartz Jacket silica : 12 Nos. Quartz Jacket Silica (Made in France) UV. Lamp
protected in a high transmission, quality quartz jacket for
peak U. V. radiation
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 Electropolished 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 260 Watts
13. Dimension : O.D.: 260 mm, Width: 750 mm, Weight :100 Kg.,
Thickness :2 mm, Length : 1000 mm, Height : 350 mm
14. Auto Power Box Dimension : Width: 310 mm, Length : 400 mm, Height : 75 mm (2 Nos.)
15. Hour Meter : 2 Nos. (Each for One Power Box)
16. UV Intensity Monitor Count : 1,000 Microwatts Second/cm2 = 1 Micro Jwils.

