

# NUMATIK ENGINEERS PVT.LTD.

## U. V. STERLIZER MODEL NO. SWE-450 ( CAPACITY 40m3 To 45m3 )

### TECHNICAL SPECIFICATION :

1. Max. Flow. : 40m3 To 45m3
2. Inlet & Outlet connections : 50 NB Table 10 'D' Flange
3. No. of U. V. Lamps : 18 Nos. UV. 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 18 =699.3 Milli Jwils )  
(38850 Microwatts – For 1 UV Lamp x 18 UV Lamp = 699300 Microwatts)
4. Quartz Jacket silica : 18 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 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 260 Watts
13. Dimension : O.D.: 260 mm, Width: 600 mm, Weight :150 Kg.,  
Thickness : 2 mm, Length : 1000 mm, Height : 1080 mm
14. Each Auto Power Box Dimension: Width: 310mm, Length : 400 mm, Height : 75mm,Weight:20kg.
15. Hour Meter : 3 Nos. (Each for One Power Box)
16. UV Intensity Monitor Count : 1,000 Microwatts Second/cm2 = 1 Micro Jwils.

