

# NUMATIK ENGINEERS PVT.LTD.

## U. V. STERLIZER MODEL NO. SWE-350 ( CAP. 30m3 To 35 m3 )

### TECHNICAL SPECIFICATION :

- |                                |   |
|--------------------------------|---|
| 1. Max. Flow.                  | : 30000 Ltrs/hr. To Max. Flow 35000 Ltrs/hr.  |
| 2. Inlet & Outlet connections  | : 50 NB Flange  |
| 3. No. of U. V. Lamps          | : 16 Nos. U.V. Lamps 40 watts.<br>Life of lamps = 9000 working hrs 30,000 micro - watts<br>s/cm2 wavelength 2537 Angstrom, 254 (Nanometer)<br>(39.63 Milli Jwils – For One UV Lamp x 16 =634.08Milli Jwils )<br>(39630 microwatts For 1 UV Lamp x 16 UV Lamp = 634080 Microwatts) |
| 4. Quartz Jacket silica        | : 16 Nos. Quartz Jacket Silica (Made in France ) UV. Lamp<br>protected in a high transmission, quality quartz jacket for<br>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.<br>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 :250 Kg.,<br>Thickness : 2 mm, Length : 1000 mm, Height : 325 mm  |
| 14. Auto Power Box Dimension   | : Width: 310 mm, Length : 520 mm, Height : 75 mm  |
| 15. Hour Meter                 | : 2 Nos. (Each for One Power Box)   |
| 16. UV Intensity Monitor Count | : 1,000 Microwatts Second/cm2 = 1 Micro Jwils.  |

