

**CELL & TISSUE CULTURE HOOD(CLASS II) – 1No.**  
**Doc. No: ST/12/Cell Hood /2016-17/30**

**Application :** For tissue culture and handling of BSL2 level organisms

**SPECIFICATIONS :**

- Class: Type II A2
- Exterior Dimension: Height x width x depth 1500x1300x800 mm approx.
- Interior Dimension: Height x width x depth 780 x 1200 x 630 mm approx.
- Exhaust/inflow air volume: minimum 340 m<sup>3</sup>/h
- Exhaust/inflow air filter: H14 HEPA with  $\geq 99.995\%$  efficiency down to 0.3 micron particle size
- Electric supply : 220-230 V, 50 Hz
- Front door: should be made of polycarbonate/ toughened glass (6 mm) and vertical sliding (one piece with counter weight arrangement for finger tip control).
- Should have Switches & Electrical sockets outlets for 5 amp (4 in no.)
- Sound level: <65 dB
- Should have pressure monitors to indicate pressure drop across HEPA filter.
- Illumination in the work are >850 lux
- UV light : > 18 watt at 254 nm or better
- Certification : NSF/ANSI 49 /ETL/CE

**Warranty :** Three years comprehensive warranty along with two years non-comprehensive warranty to be provided at free of cost.