

## BIOSAFETY CABINET CLASS II A2

### Specification: Point modified as per pre-bid clarifications

1. The system should be microprocessor based. The microprocessor must display the inflow and down flow air velocities in real time on an LCD preferably or LED display to ensure the user knows whether or not the cabinet is working under safe operating conditions.
4. Dimensions (Cabinet Size): 4 to 6 feet. The interior of the cabinet shall be of stainless steel (SS 304) and must be smooth to ensure no risk of cuts to the users.
5. Efficiency of ULPA preferably or HEPA filter should be almost 99%.
6. In order to ensure consistent and reliable down flow velocity across the supply ULPA/HEPA filter over the life of the cabinet, the cabinet must use a pressure sensor (rather than anemometer) to detect pressure drop across the supply filter, rather than in just one point across the down flow. The pressure sensor must be encased in order to protect the sensor from temperature, humidity and other environmental phenomena that can impact the sensor's performance.
11. Should be FDA or CE or BIS approved product and NSF/EN-12469 certification preferably.
14. 3 year warranty and 2 year CMC.

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