

TECHNICAL SPECIFICATIONS

HOT AIR OVEN

Technical Specifications of Hot Air Oven

1. Size 24" x 24" x 24"
2. The oven uses dry heat to sterilize articles at 100°C for 30 minutes.
3. Outer chamber is made of Mild Steel duly powder coated.
4. Inner chamber made of STAINLESS STEEL(304 Grade) sheet.
5. Forced convection system ensures good mixing, strong dispersion and maintains higher temperature uniformity inside the chamber.
6. Thermal loss is prevented by filling mineral wool (Insulation) in space between the outer body & Inner chamber.
7. Door Gasket fixed on the double walled door for proper sealing.
8. Fitted with heavy hinges with a ball catcher, spring loaded door closing device. Door is duly insulated.
9. Adjustable two ventilation slides control inner air circulation.
10. Beaded heating elements made of high quality Nichrome wire are placed in ribs, at bottom and sides for uniform heat distribution.
11. Inner chamber has ribs for placing the shelves at convenient levels. Supplied with **3 removable shelves**.
12. Temperature is controlled by capillary type thermostat from 50°C to 250°C ± 1°C.
13. **Should provide with a digital temperature controller with digital display or should have graduated Temperature control knob in centigrade degrees for monitoring the temperature with a thermometer.**
14. Front Panel is provided with ON/OFF switch, thermostat control knob and indicators for mains and thermostats.
15. **Over-temperature cut out electronically above set temperature to ensure operational safety.**

Terms & Conditions:

1. Manufacturer should have ISO 13485 Certificate.
2. Equipment should be ISI/CE certified.
3. **Guarantee:** Two years on equipment from the date of installation.
4. **CMC:** CMC will be given @ 5 % (of net rate - inclusive of Excise Duty & exclusive of VAT / CST etc.) plus service tax (as applicable) and yearly escalation of 5 % on last year's CMC price. The CMC may be awarded for three years (on yearly basis) after completion of Guarantee period of two years.
5. Installation will be done by supplier free of cost.
6. The service engineer should be based in Rajasthan.
7. The company should mention the make & model name / number of the quoted equipment and submit the technical brochure of the quoted model in the Technical bid along with compliance sheet as per technical specifications.


Executive Director (EPM)
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