

In this system, there is one path of circulating hot air between the inner chamber and insulation. Forced air moved by the motorized blower is called perfect system. It results in minimum temperature variation at any given point in working space.

Construction Details:

- Triple walled design for precise temperature control and excellent uniformity.
- Heaters mounted in preheating chamber at sides of oven,
- 100 mm thick insulation on all sides
- Equipped With Digital Temperature controller and forced Air circulation System
- Forced Air Moved By The Motorized Blower Is Called Perfect System. It Results In Minimum Temperature Variation At Any Given Point In Working Space.
- Inner chamber made of Stainless Steel S.S - 304 Grade
- Outer Chamber fabricated from mild steel material, which is Powder Coated in attractive shades.
- Operated on 230 Volts, 50 Hz, AC, Single Phase, Power Supply



| Technical Specification | |
|-------------------------|---|
| Chamber Size | 60 x 60 x 60 cm (H x W x D) |
| Chamber volume | 216 Liters |
| No. Of Shelves | 03 Nos |
| Inner chamber | Fabricated from Polished Stainless steel Material (A.I.S.I. 304) |
| Outer Chamber | Exterior body manufactured from Mild steel material |
| Exterior Body Paint | Powder coating |
| Insulation | About 100 mm thick glass wool insulation |
| Rating | 3.0 KW |
| Heater | Heating elements placed at sides for uniform heat Distribution |
| Temperature Range | 100 °C - 450 °C |
| Temperature Control | Microprocessor based Digital Temperature Indicator Cum Controller |
| Temperature Resolution | 0.1 °C |
| Temperature Accuracy | ± 1 °C or better |
| Temperature Display | LED Display |
| Air ventilation | Adjustable air ventilation mounted at top |
| Standard Supply | Stainless steel crimped wire mesh trays, Pilot indicating lamps, ON/OFF switches, Cord wire and power plug. |
| | Provision to add more shelves, as per requirement of test Adjustable Shelves to place test samples or Glass wares of varying dimensions |
| | With built in forced air circulation arrangement for uniform heat distribution inside the working chamber |
| Operation on | 230 Volts, 50 Hz, Single Phase, AC Supply |

Note: Specifications are subject to change.