

Hot Air Oven that is used for the best drying results in conventional process. These Hot Air Oven are provided with double walled cabinet (Single/ Double doors) and the gap between Double walls is filled with high density fiber glass wool insulation material to avoid heat transfer. Stainless steel 304 trays are placed on the movable. This Hot Air Oven comes with a dynamically balanced axial flow type blower fans that are provided for air circulation with air ventilation. The drying chamber during process and also with a control panel board with process timer and digital temperature controller.

We offer this Hot Air Oven in varied capacities ranging from 2, 4, 6, 12, 24, 48, trays, which are manufactured using high grade raw material, testing labs, microbiological labs such as inner chamber, trays SS 304 & outer Body SS 304/ MS Powder coated.

Salient Features:

- ❖ All Tray & inner chamber stainless steel 304 construction for pharmaceutical application or external SS304/ mild steel with SS internal parts
- ❖ Electric air heater are generate heat air and heating control through electric panel board with process timer
- ❖ Both side air ventilation.
- ❖ Easy accessibility of chamber cleaning

Heating Elements: – Heating elements are made of high quality nickel/cant hail wire heavy gauge which are put inside beads and placed at the bottom and in both the side ribs for Uniform temperature all over the work space.

Temperature Control: – To provide digital temperature control display and Temperature is controlled by imported capillary type thermostat from 50°C above ambient to 250°C ±0.1°C. Temperature control knob is graduated in centigrade degrees after actually observing the temperature in steady state.

Ventilation: – Air ventilators port are provided on both sides for ventilate. Control Panel: – The equipment is provided with an Electric panel having a thermostat control knob, ON/OFF switch or digital temperature controller and indicating light.

Power Requirement: – Supplied with cord and plug. Suitable to operate on 230 V single phase, 50 Hz, AC supply.

Optional Accessories:-

HMI WITH PLC CONTROLLER FULLY AUTOMATIC PROCESS WITH PRINTER FACILITY.

- Air Circulating blower.
- Digital Display Temperature controller and Indicator.
- Digital Display Temp. Controller-Cum-Indicator in lieu of thermostat.
- Micro Processor based PID temperature controller-cum-indicator in lieu of thermostat.
- Timer/ hour's meter.
- Spare: –Electric air heater.



HOT AIR OVEN

Available in Following Capacities

Sr. No.	Length(mm)	Depth (mm)	Hight (mm)	(Electrical load)	No. of Trays
01	450	450	450	2 kw/220v	02 to 03
01	450	450	610	2 kw/220v	03 to 04
02	610	610	610	2.5 kw/220v	03 to 04
03	610	610	915	3 kw/220v	04 to 05
04	610	610	1220	4 kw/220v	04 to 06
05	1220	610	1220	6 kw/220v	12x2 (10) Double Door
06	1050	610	1220	5 kw/220v	12x2 (24) Double Door