



Application

EIE HOT AIR OVENS are aesthetically designed and precisely fabricated to suit various applications in various fields of Medical, Agricultural, Industrial, Research and Educational Institutes for day to day heating, drying, sterilizing etc needs.

Construction

Interior Application EIE HOT AIR OVENS are aesthetically designed and precisely fabricated to suit various applications in various fields of Medical, Agricultural, Industrial, Research and Educational Institutes for day to day heating, drying, sterilizing etc needs.

Construction

- Interior : Polished Stainless Steel 304/Anodized Aluminum/S.S. 316 (GMP Model).
- Exterior : Heavy gauge Mild Steel/S.S. 304 (GMP Model).
- Chamber : Double walled.
- Ventilation : Provided near top or sides for removing hot gases and fumes.
- Insulation : 75 mm thick Mineral-wool.
- Shelves : Sturdy & Designed such that it offers minium resistance to air circulation.
- Finish : Finished with attractive and durable powder coated in pleasant shade.

Description

- Front Panel : Mains rocker switch, Thermostat/PID Micro Controller, Three way Control Switch, Mains a- Control indicating lamps, Fuse etc.
- Range : 50°C to 250°C.
- Accuracy : +/-1°C or better (Microcontroller Model).
+/-5°C or better (Thermostate Model).
- Sensor : Copper capillary thermostate/RTD type sensor.
- Display : L-shaped yellow back glass thermometer or Digital display.

Heating

- Heaters : High grade Nichrome wire placed in the ribs of sides and bottom for uniformity.

Note: Specifications are subject to change.

Power Requirement : Supplied with cord wire and plug to operate on single phase 220 V. AC supply.

Special Features

- Inner chamber is fabricated with various ribs at equal distance to adjust shelves at any convenient height. Calibration : Certificate with traceability.
- Ovens are available with 300°C/400°C temp. range on request.

Power Requirement : Supplied with cord wire and plug to operate on single phase 220 V. AC supply.

Optional Accessories

- Air Circulating Fan : For better uniformity.
- Timer : To switch ON/OFF the oven as per the requirement.
- Buzzer : Audio indication in case of set value deviation.
- Micro controller : For easy readability and precise control of the temperature.
- Documentation : 1Q/0Q/PQ/DQ Documentation for GMP Model.
- PC/Printer Interface : RS 232/485 PC interface with 21-CFR software.
- Data Logger : 4/6 Point temp. data logger with sensors placed at specific points.

Technical Specification						
Sn.	Order Code	Size (Dx W x H)	Capacity (Liters)	Rating (Kw)	Shelves	Weight (Inner, Outer)
1.	MT521	45 X 45 X 45	92	1.5	2	72 kg
2.	MT522	45 X45 X 60	121	1.5	2	78 kg
3.	MT523	60 X 60 X 60	216	2.0	3	110 kg
4.	MT524	60 X 60 X 90	324	2.5	3	148 kg
5.	MT530	45 X 45 X 45	92	1.5	2	82 kg
6.	MT531	45 X45 X 60	121	1.5	2	88 kg
7.	MT532	60 X 60 X 60	216	2.0	3	120 kg
8.	MT534	60 X 60 X 90	324	2.5	3	158 kg

Note: Specifications are subject to change.