

HOT AIR OVEN

Stable Thermal Conditions for Accurate Processing

INTRODUCTION

Equipaxis Hot Air Oven is a high-performance dry heat sterilization and heating system designed to deliver reliable, efficient, and uniform temperature conditions for laboratory and industrial applications. Ideal for drying, sterilization, and heat treatment processes, it ensures accurate and repeatable results.

With advanced PID temperature control and efficient air circulation, the system provides consistent heat distribution, making it suitable for critical applications requiring stable thermal environments.

KEY FEATURES



Efficient Heating Performance

Engineered to provide consistent and uniform heating for reliable and repeatable results across various applications.



Smart Control & Precision Operation

Microprocessor-based PID controller with digital display ensures precise temperature regulation and easy monitoring.



Uniform Air Circulation System

Motorized blower maintains even heat distribution throughout the chamber, minimizing temperature variations.



Wide Temperature Range

Operates from ambient +5°C to 250°C, suitable for diverse laboratory and industrial needs.



Robust Construction

Stainless steel inner chamber with powder-coated outer body ensures durability and corrosion resistance.



Energy Efficient Design

High-quality insulation (PUF / Glass wool) reduces heat loss and optimizes energy consumption.



User-Friendly Design

Adjustable stainless steel wire mesh shelves allow flexibility and ease of operation.



Safe & Reliable Operation

Double-walled construction and solid door design ensure safety and long-term performance.



Consistent Heat. Trusted Performance

SPECIFICATIONS

Working Temperature Range	Ambient +5°C to 250°C
Heating System	Tubular Air Heaters
Shelves	2 Adjustable SS wire mesh
Display	Digital
Temperature Controller	PID Microprocessor Controller
Air Circulation	Motorized Blower
Accuracy	±1°C
Temperature Uniformity	Air Circulating Fan
Material of Inner Chamber	Stainless Steel
Outer Chamber Material	GI sheet powder coated
Insulation	PUF/Glass Wool
Door Type	Double-Walled Solid Door
Power Supply	220/230V AC

AVAILABLE MODELS

Model No	Chamber Dimensions	Chamber Capacity	Wattage
EA276	14X14X14" (355X355X355mm)	45 Ltr	1.00 KW
EA277	18X18X18" (450X450X450mm)	96 Ltr	1.50 KW
EA278	18X18X24" (450X450X450mm)	128 Ltr	1.75 KW
EA279	24X24X24" (600X600X600mm)	227 Ltr	2.00 KW

SAFETY FEATURES

- ▶ Over Temperature Protection System
- ▶ Automatic Thermal Cut-Off Safety
- ▶ Double-Walled Heat Insulated Construction
- ▶ PID Controlled Temperature Safety Monitoring
- ▶ Heavy-Duty Door Lock & Sealing Protection



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