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LABORATORY INCUBATOR AZA1067

The AZA1067 Laboratory Incubator from AZALAB is a precision-engineered temperature-controlled system designed to provide stable, uniform, and reproducible incubation conditions for a wide range of laboratory applications. Ideal for microbiology, cell culture, pharmaceutical testing, clinical diagnostics, and academic research, the AZA1067 ensures consistent biological growth environments for processes such as bacterial culture, fungal growth, enzyme reactions, and biochemical studies.

KEY FEATURES

Accurate Temperature Control

Maintains precise temperature from Ambient +5°C to 60°C, ensuring reliable conditions for sensitive biological processes.

Flexible Control Options

- Digital PID Controller for high-precision control and real-time display
- Analog Capillary Thermostat for basic applications

Uniform Heat Distribution

Available with natural convection or forced air circulation, ensuring:

- Even temperature throughout the chamber
- Elimination of hot/cold spots
- Consistent and repeatable results





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Double-Walled Insulated Construction

- Inner chamber: Stainless Steel / Aluminum
- Outer body: Powder-coated Mild Steel
- Minimizes heat loss and improves energy efficiency

Glass Inner Door

- Toughened glass door allows sample observation without disturbing internal conditions, maintaining temperature stability.

Adjustable Shelving System

- Removable and height-adjustable trays for flexible sample placement.

Safety Features

- Over-temperature protection
- Automatic cut-off system
- Thermal fuse protection
- Designed for safe continuous operation

Available Capacities

- 30 Liters
- 55 Liters
- 90 Liters
- 150 Liters
- 250 Liters
- Custom sizes available



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TECHNICAL SPECIFICATIONS

Parameter	Specification
Model	AZA1067
Temperature Range	Ambient +5°C to 60°C
Temperature Accuracy	±0.5°C to ±1.0°C
Construction	Double-walled (SS/Al inner, MS outer)
Control System	Digital PID / Capillary Thermostat
Display	LED/LCD (digital) / Analog
Inner Door	Toughened Glass
Shelves	2 or more adjustable trays
Air Circulation	Natural / Forced Air
Power Supply	230 V AC, 50 Hz
Safety Features	Overheat protection, auto cut-off, thermal fuse

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