



UNIVERSE HUMIDITY CHAMBER COOLING (SIDE PANEL) AZA1065

The AZA1065 Humidity Chamber (Side Panel Cooling) from AZALAB is a precision-engineered environmental testing chamber designed to maintain controlled temperature and humidity conditions for stability testing, product evaluation, and environmental simulation.

This model features a side-mounted cooling system, offering efficient temperature control, easy maintenance access, and optimized space utilization. It is ideally suited for pharmaceutical laboratories, research facilities, quality control departments, and industrial testing environments requiring reliable and continuous operation.

KEY FEATURES

Side-Mounted Cooling System

Equipped with a compressor-based cooling unit mounted on the side panel, ensuring:

- Efficient cooling performance
- Easy service accessibility
- Compact installation footprint

Eco-Friendly Compressor System

- Utilizes Tecumseh / Kirloskar condensing units with eco-friendly refrigerants for reliable and energy-efficient cooling.





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Stable Temperature Control

Maintains temperature range from 5°C to 50°C with uniform distribution across the chamber.

Advanced Digital Control Panel

- Digital temperature controller-cum-indicator
- Wet & dry temperature monitoring for humidity
- Voltmeter for power monitoring
- Pilot lamps for humidity and illumination status
- Independent switches for humidity system and lighting

Robust & Mobile Construction

- Powder-coated mild steel outer body
- Heavy-duty angle iron base frame
- Mounted on caster wheels for easy mobility

Flexible Internal Configuration

Available with stainless steel or aluminium inner chamber and trays, depending on application and budget requirements.

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MODEL VARIANTS & CAPACITY

Model	Internal Dimensions (mm)	No. of Trays	Capacity (Liters)	Internal Material
AZA1065A	450 × 450 × 450	2	95 L	SS / Aluminium
AZA1065B	450 × 450 × 700	3	147 L	SS / Aluminium
AZA1065C	605 × 605 × 605	2	225 L	SS / Aluminium
AZA1065D	605 × 605 × 900	3	335 L	SS / Aluminium

TECHNICAL SPECIFICATIONS

Parameter	Specification
Model	AZA1065
Temperature Range	5°C to 50°C
Cooling System	Side-mounted compressor unit
Compressor	Tecumseh / Kirloskar (eco-friendly refrigerant)



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TECHNICAL SPECIFICATIONS

Parameter	Specification
Control Panel	Digital controller-cum-indicator
Humidity Indication	Wet & Dry bulb with pilot lamps
Inner Chamber	Stainless Steel / Aluminium
Outer Body	Powder-coated Mild Steel
Construction	Double / Triple-walled
Insulation	High-efficiency thermal insulation
Illumination	Internal light with independent switch
Mobility	Heavy-duty caster wheels
Power Supply	220 V AC, 50 Hz

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