



ZETATEK®
Committed to Excellence

**Simulating Environments
Since 1990.**



Temperature and Climatic Chambers

Introduction

Temperature and Climatic chambers from Zetatek are a revolution in environmental testing. Simulating a wide range of environmental conditions from the equator to the poles and from the deserts to oceans, these chambers stand out for their brilliant design, exceptional build quality, performance and reliability.

Combining over three decades of experience in the design and manufacture of environmental test chambers, Zetatek, the market leader in the industry, offers test chambers of sizes varying from 400 litres to 2000 litres. They have a temperature range from -70°C to +180°C and humidity from 10% RH to 98% RH.

Features

- The test space made from stainless steel 304 is welded airtight
- Multilayer composite insulation provides resistance against high and low temperature with just 100mm insulation thickness
- The door can be easily engaged and disengaged with an elegant rotary latch
- Bottom sheet with baffles is used to uniformly distribute the air throughout the test space
- Large inspection window with multi-layer vacuum sealed toughened glass and window heaters

Klima Controller

- Connectable to chamber through Ethernet or Wi-Fi
- Multiple touchscreen options: 7", 10" and 15"
- Multiple user levels with passcode access
- Numerical and graphical visualization of test parameters
- Synoptic chart for status monitoring
- Program and manual mode of chamber operation
- Test data logging for easy analysis and graphing

Options

- Multi-level adjustable wire shelves
- Water cooled system for better performance
- External electrical terminals
- Multiple independent sensors for temperature measurement
- External panels made from stainless steel
- Multiple portholes of 75mm or 125 mm diameter
- Test space made form stainless steel 316

Specifications

Models	ZTF / ZHF	4S/ 4C	6S/ 6C	8S/ 8C	10S/10C	14S/ 14C	20S/20C
Dimensions							
Test Space Volume (l)		393	591	769	1030	1410	2008
Internal Dimensions (mm)	w	700	825	900	1000	1175	1300
	d	730	700	950	1030	1000	1030
	h	770	1025	900	1000	1200	1500
Temperature Performance							
Temperature Range (°C)	+180 to -40 or -70 (C Model)						
Cooling Rate (°C/min)	1 to 5						
Heating Rate (°C/min)	1 to 5						
Temperature Stability (°C)	± 0.5 to ± 1						
Temperature Homogeneity (°C)	± 1						
Climatic Performance(only ZHF)							
Temperature Range (°C)	10 to 95						
Humidity Range (%)	10 to 98						
Humidity Stability (%)	± 3						
Electrical							
Supply Voltage	415V ± 10% / 50Hz / 3+N+G						



Office: +91 40 2372 1000
Fax: +91 40 2372 0305



www.zetatek.in



sales@zetatekindia.com
info@zetatekindia.com

Plot No. 31, Technocrats Industrial Estate, Balanagar,
Hyderabad, Telangana, India. 500037