



ZETATEK®
Committed to Excellence

**Simulating Environments
Since 1990.**



Walk-In Chambers

Introduction

Walk-In Chambers from Zetatek offer a modular construction to facilitate easy installation, flexibility in sizing and provide a cost-effective solution. 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.

These chambers are well suited for many testing applications ranging from full vehicle testing, automotive components, solar panels, electromechanical equipment, stability testing and other industrial applications.

Features

- Modularised wall panels for easy integration at site
- Wall panels are made from 4" to 8" (100 mm to 200 mm) thick polyurethane foam sandwiched between a stainless steel interior wall and a powder coated mild steel exterior wall
- Cam latches used to lock wall panels together for airtight fit
- Large inspection window with multi-layer vacuum sealed toughened glass and window heaters
- Port hole to enable electrical connections to the specimen

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

- Panel thickness, flooring, and door size are customizable to meet customer requirements
- Multiple port holes as per customize size, shape, and location for convenient electrical and or mechanical connections
- External electrical terminals
- Multiple independent sensors for temperature measurement
- Custom wall-attached shelves and clamping devices
- Custom ramps for assist in bringing products into the chamber

Specifications

Models	ZTW / ZHW	10S/10C	20S/20C	30S/30C	40S/40C
Dimensions					
Test Space Volume (l)		10,000	20,000	31,000	41,000
Internal Dimensions (mm)	w	2400	3000	3400	3600
	d	1800	2800	3800	4800
	h	2400	2400	2400	2400
Temperature Performance					
Temperature Range (°C)		+85 to -40 or -70 (C Model)			
Cooling Rate (°C/min)		2			
Heating Rate (°C/min)		2			
Climatic Performance (only ZHW)					
Temperature Range (°C)		10 to 95			
Humidity range (% RH)		10 to 98			
Electrical					
Supply Voltage		415V ± 10% / 50Hz / 3+N+G			



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