



Walk-in Temperature and Climate Test Chambers

Global Leading Integrated Solution Provider for Environmental and Climatic Simulation Test

Features

- Globally advanced modular design.
- Combined seamless welding technology for permanent anti-deformation building.
- Special sensors equipped to prevent specimens from damages caused by overheat, breezeless and no-exhaust when power-off.
- Optional ultrasonic humidification system for high thermal load testing.(Patented)
- 7" colour touch screen display and 32 bit control system; interface Ethernet/USB.
- Optional APP mobility management.
- 4 load power outlets for specimens with programmable control for protection.
- Special air circulation system inside ensures testing accuracy.(Patented)
- Optional network video monitoring and data synchronization.
- Special anti-condensation function to protect specimens during climate testing.
- Automatic water supply with ultrapure filter devices (optional) ; water shortage reminder function.
- Environment-friendly refrigerating control technology: energy saving and rapid heating/cooling rate.
- Unique design: no-need defrosting during long period operation in low temperature.
- Unique operation mode: make testing space's temperature back to room temperature after tests are finished.
- Automatic reminder of equipment maintenance plans and software of recording malfunction.
- Optional remote-assist service function and teaching CDs.

Specifications

Temperature Chambers	ETZ8/4010	ETZ12/4010	ETZ17/4010	ETZ22/4010	ETZ28/4010					
Climate Chambers	ECZ8/010	ECZ12/010	ECZ17/010	ECZ22/010	ECZ28/010					
Temperature Climate Cycling Chambers	ETCZ8/4010	ETCZ12/4010	ETCZ17/4010	ETCZ22/4010	ETCZ28/4010					
Test Space Volume (m³)	8	12	17	22	28					
Test Space Dimension (mm)	2000W×2000D×2056H	2000W×2000D×3040H	2250W×2500D×3032H	2250W×2500D×4016H	2250W×2500D×5000H					
External Dimension (mm)	2240W×2240D×3800H	2240W×2240D×4780H	2490W×2740D×4900H	2490W×2740D×5880H	2490W×2740D×6860H					
Floor Load (N/m²)	30000									
Temp. Range (°C) (No Load)	ETZ Series: -60,-40 / +80,+100,+150,+180 optional ECZ Series: 0 / +80,+100 optional ETCZ Series: -60,-40 / +80,+100,+150 optional									
Humid. Range (%RH)	15~95 (ETZ · ETCZ Series)									
Dewpoint Temp. Range (°C)	+4~+59 / +4~+95									
	Heating /Cooling Rate (IEC60068-3-5)									
Level 1 (K/min)	4.5	4.5	3.7	3.7	2.7	2.7	2.1	2.1	1.7	1.7
Level 2 (K/min)	5.5	5.5	4.5	4.5	3.2	3.2	2.6	2.6	2.0	2.0
Temp. Constancy (K)	±0.1~±0.5 (IEC60068-3-5)									
Temp. Homogeneity (K)	±0.5~±3.0 (IEC60068-3-5)									
Humid. Constancy Entry (%RH)	±1.0~±5.0 (IEC60068-3-5) (ECZ, ETCZ Series)									
Door Dimension Power (mm)	900W×1900H(Single door) , 2000W×2000H (Double door)									
Power	AC 380V±10%, 50HZ , 3/N/PE									

Options

- Independent sensors for specimen protection (NE60519-2.1993)
- 1 Entry port Φ50mm
- Drier filter for compressing air
- Ultrasonic Humidifier
- Nitrogen gas auxiliary device
- Water-Cooled unit
- Spare parts package
- E-management and cyber-software
- Video monitor system
- APP for mobility management

Standard Version

- 1 Entry port Φ100mm
- 1 Silicon stopper for entry port
- Automatic water supply
- 1 Water tank with 20L
- 1 Water filter