



Because People Count On Your Products Everyday

**Temperature/Humidity Stability Chambers
Helping You Make Safe & Reliable Products**

Stability Chambers

StableClimate® II

Keeping your R&D projects on schedule allows you to deliver life-saving technologies to patients sooner. At CSZ, we understand the importance of having reliable and stable chambers to ensure tests are completed in a timely manner while complying with regulatory standards.

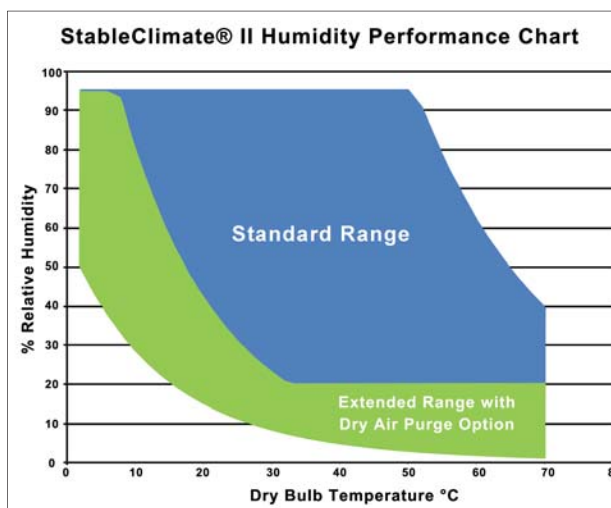
Whether your testing is for R&D, clinical trials or ongoing stability, our chambers & rooms provide a **uniform**, temperature/humidity conditioned environment for **worry-free** operation with a control system that is easy to use and saves you time.

CSZ stability chambers are ideal for ICH Q1A stability testing, shelf life, package testing, accelerated aging for a variety of applications including:

- Pharmaceutical Products/Packaging
- Medical Products/Packaging
- Personal Care Products
- Consumer Products
- Research



Model	ST(H)-24	ST(H)-52	ST(H)-82
Workspace	24 cu. ft. (680L)	52 cu. ft. (1473L)	82 cu. ft. (2322L)
Temperature Range	2°C to +70°C		
Humidity Range	20% to 95% RH		



For larger batches, CSZ also provides a broad selection of temperature/humidity rooms.



Features

- The CSZ EZT-570S Touch Screen Controller offers a choice to navigate like a smartphone or windows-based navigation. Includes data logging, Ethernet control and monitoring, alarm notification via email and/or phone text message, data file backup system, full system, security, audit trail, digital signatures, power recovery options and more.
- Ethernet and EIA-485 computer interface
- Horizontal air flow for precise temperature uniformity
- One, two or three door models
- Three, solid slide-out stainless steel shelves per door
- Glass doors with lock
- Compact size and casters
- 2" cable port
- IQ, OQ, PQ validation available



Optional Accessories

- Dry Air Purge
- Recirculating Water
- Opaque Door
- Chart Recorder
- Additional Shelves
- LED Light
- Duplex Outlet
- Additional Ports
- Water Demineralizer System
- Reverse Osmosis Water System
- UPS Backup for Controller

	ST(H)-24	ST(H)-52	ST(H)-82
Internal Dimensions	24.5"W x 28"D x 60.5"H (62cm x 71cm x 154cm)	54"W x 28"D x 60.5"H (137 cm x 71cm x 154cm)	84"W x 28"D x 60.5"H (213cm x 71cm x 154cm)
External Dimensions	33"W x 35"D x 90"H (84cm x 89cm x 229cm)	65"W x 35"D x 90"H (165 cm x 89cm x 229cm)	97"W x 35"D x 90"H (246cm x 89cm x 229cm)
Temperature Tolerance ¹	±0.3°C		
Temperature Uniformity ¹	±1°C		
Humidity Tolerance ¹	±3%		
Humidity Uniformity ¹	±5%		
Maximum Shelf Weight	75 lbs. (34 kg) per shelf		
Maximum Shelves	10 Shelves	20 Shelves	30 Shelves
Maximum Weight Capacity	300 lbs. total (136 kg)	600 lbs. total (272 kg)	900 lbs. total (408 kg)
Voltage	115V/1Ph/60Hz 230V/1Ph/50Hz	230V/1Ph/60Hz 230V/1Ph/50Hz	

¹ Control derived from the deviation of the temperature control sensor from the set point. Uniformity derived from the maximum deviation of 9 temperature sensors placed on 3 horizontal planes across full temperature range. Tolerance and uniformity will be better at moderate temperatures.

The Experience you Rely on...

Cincinnati Sub-Zero (CSZ) Products, Inc. is an ISO-9001 certified company with over 70 years of industry experience designing and manufacturing temperature-controlled products of the highest quality, with a commitment to total customer satisfaction.

At CSZ, we offer a complete line of both standard and custom-designed environmental simulation chambers including:

- Temperature Cycling
- Humidity
- Stability Cabinets & Rooms
- Thermal Shock
- Stress-Screening
- Altitude
- AGREE Vibration
- HALT/HASS
- Freezers
- Liquid Chillers
- Wind & Rain
- Sand & Dust
- Other Temperature Management Solutions

Sizes range from benchtop to full walk-in/drive-in chambers.

TESTING SERVICES

CSZ Testing Services is an A2LA Accredited Test Laboratory utilizing the latest test technology. CSZ is your one stop source for all of your environmental simulation testing needs. Our testing laboratory is here to help with your product qualification testing, overflow testing and / or third party product validation. Capabilities include Stability Testing, Temperature, Humidity, and/or Vibration, HALT/HASS, Thermal Shock, Burn-in, Altitude, Vibration, Shock, Salt Spray, and Cyclic Corrosion test. Serving you from two locations in Cincinnati, OH and Sterling Heights, MI. For more information please call CSZ Testing headquarters at 513-793-7774 or visit www.csztesting.com.



CSZ
Cincinnati Sub-Zero
www.cszindustrial.com

CSZ is your one stop solution for ...

Environmental Chambers
Freezers
System Upgrades
Preventative Maintenance
Calibration Services
Contract Testing Services

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