



SYSTEM OF SYSTEMS INC.



Temperature, Humidity, and Low Pressure (Altitude) Chamber

ENVIRONMENTAL TEST CHAMBERS

Features

- ❖ Cyclic and Constant Chamber Conditions
- ❖ Customizable Levels of Automation
- ❖ Single Stage or Cascade Refrigeration System
- ❖ HMI Data Recording System
- ❖ Tempered Glass Viewing Window
- ❖ Window Cleaning System
- ❖ LED Interior Lighting
- ❖ Silver Soldered Piping System
- ❖ Hermetically welded SS Interior Liner

The Temperature, Humidity, and Low Pressure (Altitude) Chamber will satisfy all test parameters and requirements for **MIL-STD 810H, Method 501.7 (High Temperature), Method 502.7 (Low Temperature), Method 507.6 (Humidity), and Method 500.6 (Low Pressure).**

OPTIONAL ITEMS

1. SYSTEM DIMENSIONS ARE CUSTOMIZABLE
2. PORTABLE/CONTAINERIZED SYSTEM DESIGN AVAILABLE
3. CAN BE DESIGNED FOR SINGLE TESTING ABILITY WITH THE OPTION TO ADD OTHER TEST CAPABILITIES IN THE FUTURE

	High Temperature	Low Temperature	Humidity
Temperature Range	80°F - 160°F	-85 °F - 5 °F	80°F - 150°F
Air Velocity		0 - 1.7 m/s	0.5 – 1.7 m/s
Relative Humidity	10% RH – 95% RH		
Power Requirements	Voltage – 480V/3PH/60Hz, 360FLA		
LOW PRESSURE (ALTITUDE)	Procedure I: Storage/Air Transport	Procedure II: Operation/Air Carriage	Procedure III: Rapid Decompression
Altitude Change Rate	0-10 m/s (32.8 ft/sec)		
Test Pressure	57.2 kPa		18.8 kPa
Power Requirements	Voltage – 480V/3PH/60Hz, 360FLA		

All products proudly manufactured in the U.S.A.