



Envirotronics Environmental Chamber

Powertech's custom made Envirotronics temperature and humidity chamber offers a wide operating range. The Envirotronics test chamber also accommodates electrodynamics and mechanical vibration systems, and roll-in product carts. This environmental chamber allows for rapid and programmable temperature change rates up to 4°C/min.

MANUFACTURER INFO:

- **Make:** Envirotronics
- **Shaker Model:** EVH55-2-15-WC-VL

DATA ACQUISITION & CONTROL:

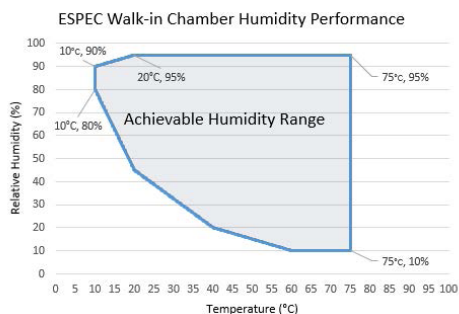
- Solutions Plus controller with custom profile programming

TEMPERATURE AND HUMIDITY PERFORMANCE:

- **Temperature Range:** -73°C to 177°C (-99°F to 350°F)
- **Temperature Ramp Rate:** Up to 4°C/min (7.2°F/min)
- **Humidity:** 20%RH to 95%RH, see attachment for details

TESTING CODES AND STANDARDS:

ABS, ANSI, CSA, IEC, IEEE, ISTA, MIL-STD, SAE

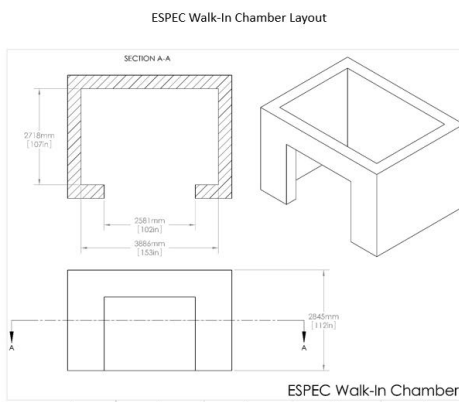


DIMENSIONS:

- **Interior:** 1168 mm x 1257 mm x 1524 mm (46 in x 49.5 in x 60 in) W x D x H
- **Door:** Door fully opens to expose interior test area
- **Windows:** 203 mm x 203 mm (8 in x 8 in) W x H

TYPICAL TESTS:

- Thermal and humidity cycling tests
- Temperature-accelerated aging
- Pre- and post-test conditioning
- Combined thermal and mechanical tests
- Combined thermal and vibration (HALT & HASS) with UD vibration table



Equipment performance is not guaranteed as reported. Contact your Powertech representative for project-specific information.

ABOUT POWERTECH LABS:

Powertech Labs Inc. is one of the largest testing and research laboratories in North America, situated in beautiful British Columbia, Canada. Our 11-acre facility offers 15 different testing labs for a one-stop-shop approach to managing electrical utilities, and testing gas components, pressure vessels and systems.

Outside of the utilities industry, Powertech provides routine testing capabilities, product development, research and consulting services to support an array of industrial-type operations, electrical equipment manufacturers and automotive original equipment manufacturers.

www.powertechlabs.com

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