



## ALTITUDE CHAMBER

**Manufacturer:** Espec  
**Type/Model:** EVTH8-CWA  
**Working Envelope:** 24" W x 24" D x 24 H (8 Cu Ft)  
**Operating Temperature:** -40°C to 100°C (-40°F to 212°F)

**Altitude Range:** Sea Level to 100,000 feet

**Humidity Range:** 20%RH to 95%RH +/-5% (Non Altitude Mode); Greater than 20% uncontrollable in Altitude Mode below 5,000 feet

### Change Rates:

- 2°C per minute
- 1,000 per minute to 37,000 feet

The altitude chamber's main use is for testing samples at different altitudes as well as being able to control the temperature. The chamber also has a humidity mode of operation where you can subject the samples to different humidity and temperature ranges. While in altitude mode if you have sensitive electronic equipment the chamber can keep greater than 20% RH while testing at or below 5,000 feet. This will allow you to safely turn on sensitive electronics and not cause static arcing or discharge.

### -Altitude stress and effects on electronic equipment

