

temperature - humidity walk-in / drive-in chambers



CVMS °Climatic design and manufacture high quality walk-in or drive-in chambers capable of simulating a wide combination of test conditions providing solutions for many applications across all industries.

Manufactured from high quality materials and components procured from world-class manufacturers, reliability is built in.

As the chambers are built to order, all necessary options and features can be incorporated into the design. Recent demands for testing in the field of renewable energy and storage such as solar (PV) and wind have been addressed and all the safety and monitoring requirements for the testing of batteries will be included where required.

CVMS °Climatic is well positioned to deal with the test demands of new technologies as well as the traditional industries such as Automotive, Aerospace, Electronics, Pharmaceutical and Defence.

All chambers are equipped with safety features which include 'over-temperature protection' which can be set by the chamber operator. The refrigeration systems incorporate over-current, over-load, over-pressure and over-heat protection devices. Our equipment is CE compliant, offered with a 12 months warranty and a full range of service, support, preventative maintenance contracts and extended warranty options are available.

specifications

internal volume: from 8m³
 temperature range: -20°C, -40°C, -60°C, -70°C ... +150°C
 heating and cooling rates: as required
 temperature fluctuation: ±1.0°C
 temperature uniformity: ±1.5°C
 humidity range: 20%RH ... 95%RH
 humidity fluctuation: ±3.0%RH

standard features

colour touch screen controller
 RS232 communications
 viewing windows
 internal illumination
 100mm ø porthole

options

air-dryer for low RH applications
 low-pressure
 rain simulation
 solar simulation
 cyclic corrosion test
 vibration interface
 password controller lock
 remote control / monitoring software
 safe heating
 extended temperature ranges

climatic range

