

CZ CLIMATEZONE™ CLIMATICALLY CONTROLLED ENCLOSURE



ClimateZone™ Enclosure systems are designed to provide a safe, climatically controlled environment for the handling of sensitive pharmaceutical drug compounds.

The ClimateZone™ air treatment unit provides users with a variety of selectable temperature and humidity profiles, which are automatically maintained.

- Closed loop HEPA filtered system
- Safe working environment for active drug handling
- Suitable for inhalation drug handling
- Controlled temperature & humidity
- Mobile self contained system
- No facilities extract required
- Easy access for maintenance & setup

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SYSTEM SPECIFICATION



CONSTRUCTION

- Stainless steel skeletal frame and bench
- 8mm Optically clear cast acrylic panels
- Black Trespa base

DIMENSIONS (mm) - (WxDxH)

External:	Internal:
1500 x 750 x 1650	1220 x 700 x 725
2000 x 750 x 1650	1720 x 700 x 725
2500 x 750 x 1650	2220 x 700 x 725

- IRIS ports fitted as standard
- Glove port options available
- Custom built solutions available

TEMPERATURE & HUMIDITY



POWER REQUIREMENT (SINGLE PHASE)

- 230v/50Hz/13A Service (EU)
- 110v/60Hz/20A Service (USA)

TEMPERATURE RANGE · HUMIDITY RANGE

- 17°C-35°C (+/-1°C) · 17%RH-85%RH (+/-3%)
- Customisable to operate at profiles outside standard ranges

HUMIDITY CONTROL

- Ultrasonic humidity generation system
- Continual water filtration system
- UV water treatment system

AIR FLOW & FILTRATION



AIRFLOW MONITORING & FILTRATION

- Continual airflow monitoring using a hot wire anemometer complete with Audible / Visual alarm
- Safe change HEPA filtered environment
- Min 99.995% efficiency at 0.3 microns (H14)