

ENVIRONMENTAL TESTING

CLIMATE CHAMBER**Miscellaneous**

The following facilities can be offered when testing in the climate chamber:

- Air supply (tempered air) to the test objects.
- Objects containing fuel can be safely tested by reducing the chamber's oxygen content.
- There are sensors available for measuring gas, liquid flows, pressure, force, temperature and humidity. Various data acquisition systems are available.
- Equipment for monitoring and documentation.
- Supply of 200 volt-3 phase, 400 Hz.

Dimensions

Diameter: 2.7 m (height 2 m)
Length: 5.7 m
Usable floor area: 5.5 m x 2.2 m

Performance

Minimum temperature: - 65°C. Maximum temperature: +95°C.
Minimum pressure: 2.5 kPa (a) (equals an altitude of 25 000 m).

Maximum pressure: 100 kPa (a).

Temperature change rate: maximum 0.5°C/min.

Pressure decrease rate: maximum 1 kPa/s to 5.5 kPa (a)
(equals approximately 20 000 m).

Pressure increase rate: maximum 3 kPa/s from 5.5 kPa (a).

Control of temperature and pressure cycling as well as a combination thereof can be made.

Load on floor: maximum 2.5 tons.

Specifications subject to change without notice