



CLIMATIC TEST CHAMBER FOR CARDBOARD INDUSTRY

CM-0/3358m

GENERAL:

Climatic Test Chambers reproduce controlled temperature and humidity conditions under, simulating the environmental conditions that the samples will find during its lifetime.

Its construction depends of the dimensions and number of samples to test and the trial that the customer wants to reproduce inside.

The capacity of compact chambers does not allow the storage of a large number of samples, so the solution passes through a walk-in chamber.

CM-0/3358m is a modular chamber devised to reduce the space of the chamber in the laboratory taking account a maximum space to test the samples. These samples are placed in the shelves placed at both sides of the chamber. The four levels give a high capacity to storage all type of samples, from the smaller to the bigger. The chamber is configured to do all type of tests for the cardboard and paper industry with controlling the temperature and humidity.



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TECHNICAL FEATURES:

- Volume: 3.358 liters.
- Internal dimensions: 1900 x 1880 x 940 mm (Height x Width x Depth).
- External dimensions: 2070 x 2020 x 1260 mm (Height x Width x Depth).
- Interior: stainless steel.
- Exterior: lacquered steel.
- Temperature range: 0° C to +60° C.
- Humidity range: from 40%RH to 95%RH.
- Special humidification system for test of low temperature and High humidity.
- Door: 1850 x 800 mm (H x W)
- Observation window: 500 X 400 mm (Height x Width). Interior light.
- Two shelves placed at both sides of the chamber manufactured in polypropylene: 4 levels and 910 mm of width.
- Access-port 80 mm ø.
- Control by double regulation Eurotherm.
- Condenser: Air cooled system. Cooling group placed at 10 meters form the chamber.

