

Product Name :
Climatic Chambers

Product Code :
ENGLABINGCAG440031



Description :

Climatic Chambers

Technical Specification :

A multipurpose climatic chamber suitable for testing applications in Aggregates, Cement, Concrete, Bricks, Blocks, Asphalt and other construction materials

Advanced controller with cycle programmer for 50 programs and 1000 segments

Temperature sensor movable inside the cabinet or inside the sample conforming to Standard requirement

High accuracy: $\pm 1^{\circ}\text{C}$, $\pm 5\% \text{RH}$.

Optional internal data recording facility, data output port and dedicated PC software.

Thermostatic unit

The evaporator has the same characteristics of the condenser.

The de-humidification is obtained by a smooth tube with cyclic thaw.

The cooling group oversized for maximum reliability. It is designed to condition the air circulating in the cabinet.

The cooling circuit is entirely made of copper and is completed with dewater/receiver filter, spy glass to verify the passage, high pressure manostat and inlet connectors.

The heating element consists of a stainless steel finned tube with a limit thermostat.

Cabinet:

Insulation with high density polyurethane 60 mm thick.

The shelves are supported on stainless steel guides capable of holding heavy specimens.

Monobloc stainless steel cabinet.

All internal angles have been rounded for easy cleaning.

The cooling system and controls are located in the top of the cabinet for easy inspection and maintenance.

Control console

The front panel includes a large digital display with switches and alarm leds.

A multifunction control unit displays simultaneously the set points and absolute output values.

Humidity sensor

Allows measurements of humidity up to RH 100%

Temperature sensor

sensor is movable inside the cabinet area and xcan also be located inside the test sample conforming to specific Standard requirement.



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