



## FORCED AIR HEATING OVEN FOR CONCRETE SAMPLES

### AFA-200/125e

#### GENERAL:

Building materials installed outdoors must withstand strong years climatic actions: rain, Sun, wind, ice, etc. In winter, are still experiencing large changes thermal in the cycle day/night. In summer, they are suffering the high temperatures and sun radiation. The building materials are investigated against the environmental aging in the laboratories to give the higher quality in the constructions.

**AFA-200/125e forced air oven**, has been developed to simulate high temperatures in a concrete samples. The test requires of two equipment in order to test the extremes of the sample with different temperatures. The samples is placed in the lateral of the oven where is placed one portal to introduce inside of the workspace one of the extremes.

The ovens will be put in different temperature conditions and after a specific time, the sample is evaluated.

The oven can be used like a standard oven to drying, conditioning of smaller samples or ageing.



DYCOMETAL EQUIPOS DE C.C., S.L.

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### TECHNICAL FEATURES:

- Volume: 125 liters
- Internal dimensions: 500 x 500 x 500 mm (Height x Width x Depth).
- External dimensions: 740 x 1050 x 620 mm (Height x Width x Depth).
- Temperature range: from room +10°C to +200°C.
- Turbulence airflow.
- Observation window: 200 x 200 mm.
- Screwed portal installed in the sidewall of each oven, one against the other. Dimensions: 160 x 160 mm.
- One full-sealing structural gasket.
- 1 access port: 25 mm  $\varnothing$ , placed in the cap of the portal.
- Support table.
- 2 shelves.
- Control by Eurotherm regulator.
- Casters.



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