

EXTERNAL CONDITIONING UNIT FOR ELECTRICAL ENGINE TESTING

MODEL, AFA-150/300g + WORKSPACE

GENERAL:

The growing demand for **electrical equipment** has increased the need for ever more demanding climatic testing to ensure system reliability. The extreme conditions that these parts will face can range from cold winter to the highest desert temperatures.

The external conditioning unit, model **AFA-150/300g**, was designed to ensure the operation of the electrical machine in extreme positive temperature conditions. The external box was designed to be adapted to the customer's existing test bench in such a way that it could be adapted as much as possible without altering the configuration of the test bench. The test chamber has two replaceable doors so that both the generator and the test stand can be used as a normal system to increase its usefulness.



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

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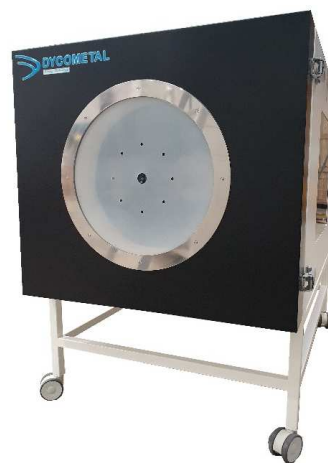


TECHNICAL FEATURES, CONDITIONING UNIT:

- External dimensions: 1193 x 923 x 603 mm (Height x Width x Depth).
- Temperature range: from room +10 °C to +150 °C.
- Extended temperature range: until –60°C with the support of a cryogenic valve to inject cryogenic nitrogen.
- 2 Insulated hoses for air intake and return.
- Length of the hoses: 3 meters.
- Control: by Eurotherm control, placed in an ergonomic position.
- Ethernet communication port and remote control software.
- Height-adjustable wheels.

TECHNICAL FEATURES, WORKSPACE:

- Volume: 300 liters.
- External dimensions: 500 x 1000 x 600 mm (Height x Width x Depth).
- 2 interchange doors: one for the test bench and one for normal use.
- 2 access ports of 130 mm Ø.
- Structure under the box to place the box at the same height of the test bench.
- Wheels to move the workspace.



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