

Climatic chamber transformable into air generator with customized recipient cabinet

AIR GENERATORS



This chamber, from our standard range Excal (8 volumes from 140 to 1800 dm³), is transformed into an air generator supplying a recipient cabinet, also made by Climats.

The recipient cabinet can be customized in terms of dimensions and accessories : the one shown here has casters and stabilization screw feet for an easy positioning, it is also equipped with a removable porthole on the cabinet sole that enables a precise and quick adaptation on a vibrating pot.

Specific openings can be provided for traction tests or other tests.

A mobile regulation probe is inserted into the recipient cabinet in order to pilot tests closer to the product.

This chamber can be used alone without dismantling the outer sheaths, however the sheaths remain easily demountable and the transformation only takes a few minutes.



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► **Technical features**

- Excal 140 dm³
- 2 m long sheaths (up to 10 m as standard)
- Sheath output air speed from 5 to 6 m/s (possibility to associate a booster to increase these rates)

Temperature range:

from +180°C to -70°C (extreme temperatures depend on the selected Excal)

Speed variation:

2°C/min from +80°C à -40°C in the recipient cabinet, with a 20 kg load of aluminium (speeds depend on the selected Excal, from 0,1 to 10°C/min)

► **Homogeneity and Regulation**

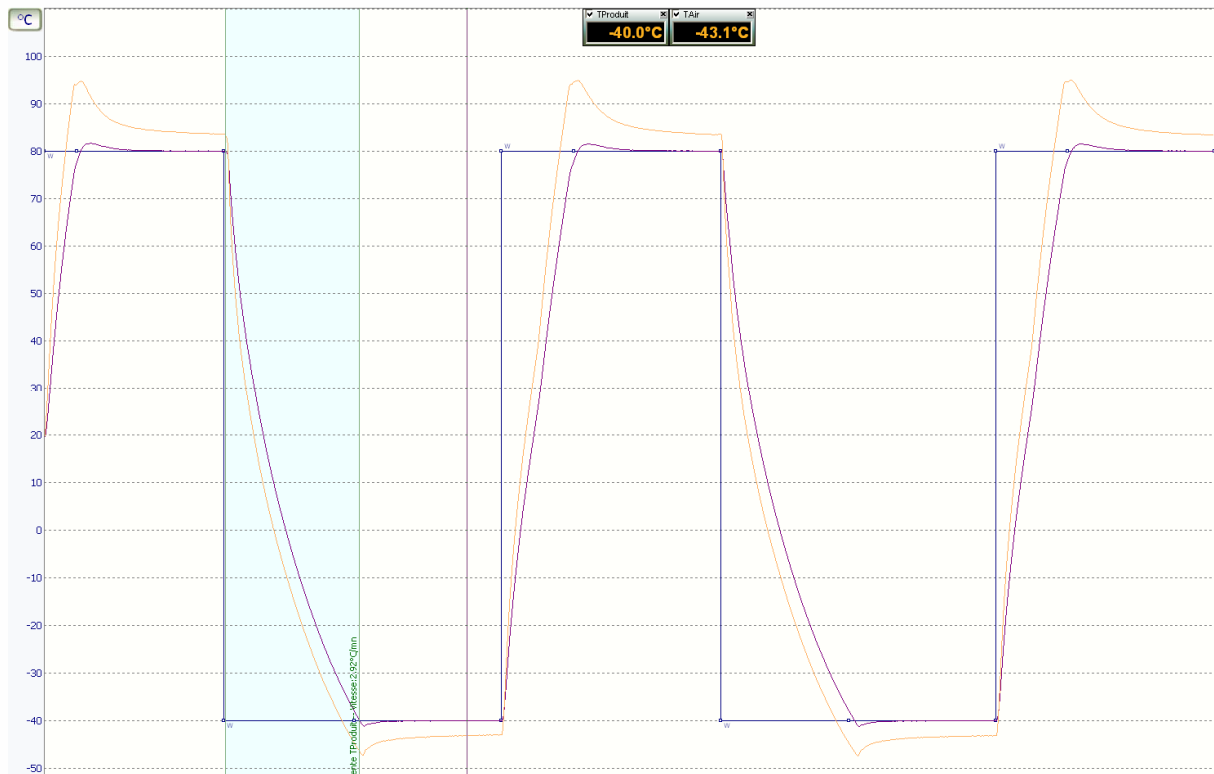
Température Homogeneities

below à ±1°C

Régulation en température

stability from ±0,1°C to ±0,3°C according tests

A version with humidity regulation is also possible



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