

Air generator

AIR GENERATOR



Standard Hot Cold Humid EXCAL chamber which can be transformed very quickly into an air generator (closed circuit).

Connecting 2 sheaths and an internal pipe casing is enough to carry out this change.

The air sheaths (5 m) are easily installed thanks to the flanges with quick fasteners on the chamber side.

A ventilator has been added to improve the air speed rates upon the product, this option is not systematic as the machine ventilation is often enough.

A product probe (5 m long) and an additional capacitive probe are set on external connectors and enable to regulate directly on the product or close to.

An air dryer is also provided to speed up the dehumidification function.



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Technical features :

Dimensions (mm)	Width*	Depth	Height
Useful	750	800	900
Overall	1050	1750	2000

*Without ventilator nor sheaths

Temperature range

from +200°C to -85°C with a "chamber" use

Speed variation

15°C/min average from +80°C to -40°C and the other way round with a "chamber" use

10°C/min linear from +80°C to -40°C and the other way round with a "chamber" use

over 5°C/min average from +60°C to -40°C and the other way round with a "generator" use

Hygrometry

from 10% to 98% humidity within the temperature range from +20°C to +90°C, limited by a dewpoint of 8°C ("chamber" use)

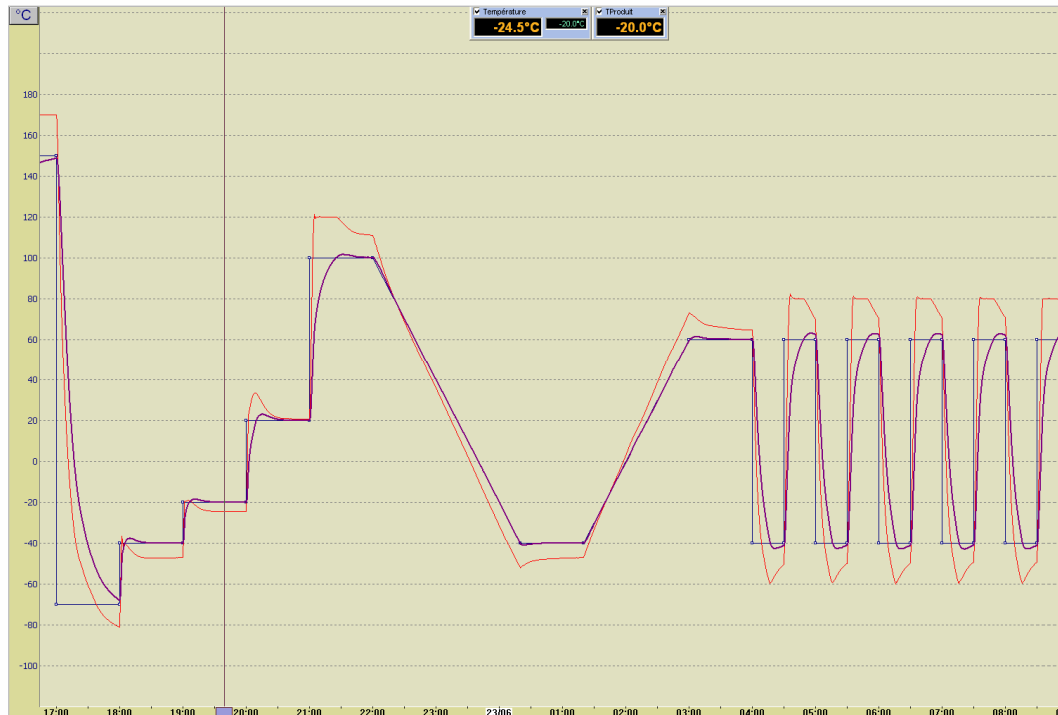
Homogeneity and Regulation :

Temperature regulation

±0,5°C after stabilization

Humidity regulation

±1,5% after stabilization



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