

Laminar flow atmosphere environmental chamber

CUSTOMIZED / LAMINAR FLOW ATMOSPHERE



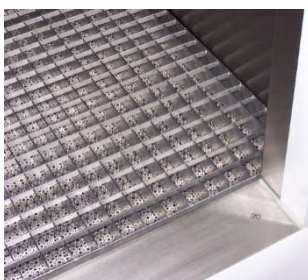
2700 dm³ one-piece environmental chamber intended for tests in laminar flow atmosphere, within a temperature range from +20°C to +60°C, with air speed rates inside the volume between 0,3 and 0,5 m/s during plateau.

This chamber has been designed to simulate conditions of electrical cabinets and to watch apparatus behaviour.

A big frame, sticking out on the left, enables the integration of an electric process command box.

The ventilation system has been optimized a great deal in order to get slow air speeds in association with homogeneity below 1°C.

Air circulates only one way, from the bottom to the top, in order to recreate natural convection.



This chamber has been verified with 15 probes (in accordance with international standards) and also with a hot-wire anemometer.

The floor has been specially studied to stand the weight of two men while letting the air flows through.



www.climats-tec.com

Climats - Technopole Bordeaux Montesquieu - 2/4 allée Jacques Latrille

CS 50067 - 33650 Martillac - FRANCE

Tél. +33 (0)5 56 20 25 25

e-mail: sales@climats-tec.com

Dimensions (mm)	Width	Depth	Height
Useful	1200	1600	1700
Overall	1600	3000*	2500

*with frame

► Technical features

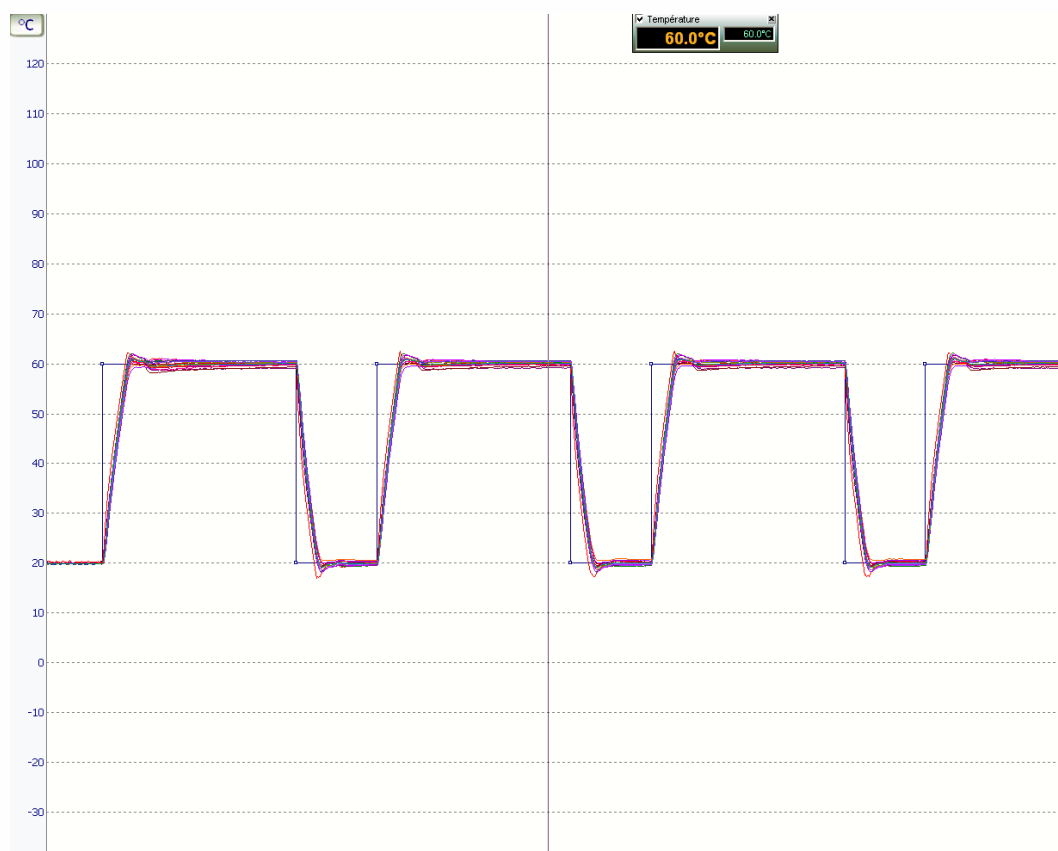
Temperature range: from +60°C to +20°C

Speed variation : 1,5°C/min

► Homogeneity and REgulation

Temperature homogeneities

- below $\pm 1^{\circ}\text{C}$ after stabilization
- stability below $\pm 0,3^{\circ}\text{C}$ after stabilization
- air speed rates between 0,3 and 0,5 m/s during plateau



.....
www.climats-tec.com

Climats - Technopole Bordeaux Montesquieu - 2/4 allée Jacques Latrille

CS 50067 - 33650 Martillac - FRANCE

Tél. +33 (0)5 56 20 25 25

e-mail: sales@climats-tec.com