

# Climate tests



# CRiQ

## Resistance to the actions of the natural elements

The CRiQ offers you the use of the most advanced equipment coupled with the expertise of its qualified specialists in order to determine your products' resistance to the natural elements:

- Cold
- Dry heat
- Humid heat
- Thermal shock
- Altitude
- Rain and sleet
- Combined tests

### STANDARDS

- ASTM
- CEI
- MIL-STD-202
- RTCA/DO-160
- SN-62-1008
- BELLCORE
- EN (European standards)
- MIL-STD-810
- SAE

This publication refers to the principal industry standards. Accordingly, it does not present a complete list of the standards in effect.

**CRiQ**  
INNOVATION PARTNER

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### SERVICES

The CRIQ has the resources necessary for rollout of all your projects. Among the services we offer:

- Study and analysis of requirements
- Test log drafting
- Instrumentation
- Acquisition system
- Operational tests
- Interpretation of results
- Technological opinion
- Cold chamber rentals

### EQUIPMENTS

In addition to the construction equipment needed to build customized cold chambers, we also offer the following facilities:

Volume	Dimensions (cm)	Temperature (°C)	Humidity (HR%)	Thermal velocity °C/min.
1 m <sup>3</sup>	101 x 101 x 110	-65 à 175	10/95	8,0 4,0  
2 m <sup>3</sup>	137 x 132 x 110	-70 à 110	S. O.	13,0 13,0  
6 m <sup>3</sup> *	180 x 150 x 198	-70 à 120	10/95	4,0 2,0  
8 m <sup>3</sup>	188 x 188 x 220	-65 à 85	20/95	1,0 0,5  
73 m <sup>3</sup>	427 x 566 x 305	-65 à 85	10/95	2,0 1,5  

\* This chamber can also be used to simulate altitudes of up to 18,000 metres.

#### For advice or information on climate test:

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**The CRIQ testing laboratory is ISO 9001 and ISO 17025 certified.**



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