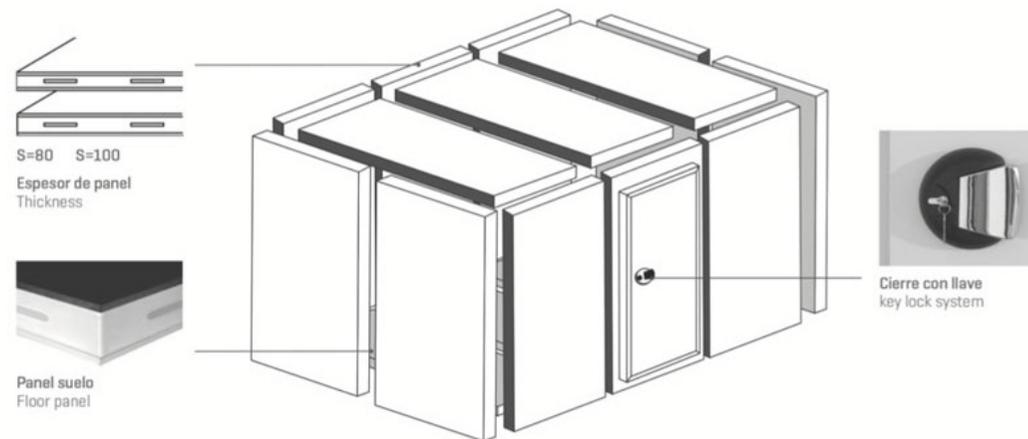


**WALK-IN**



## PRODUCTS

These chambers are designed if it is necessary a big volume for the storage of more samples. These chambers are manufactured under demand; according with the customer needs and taking in consider the available space. The capacity of the chambers could be from 6 m<sup>3</sup> to more than 100 m<sup>3</sup>.



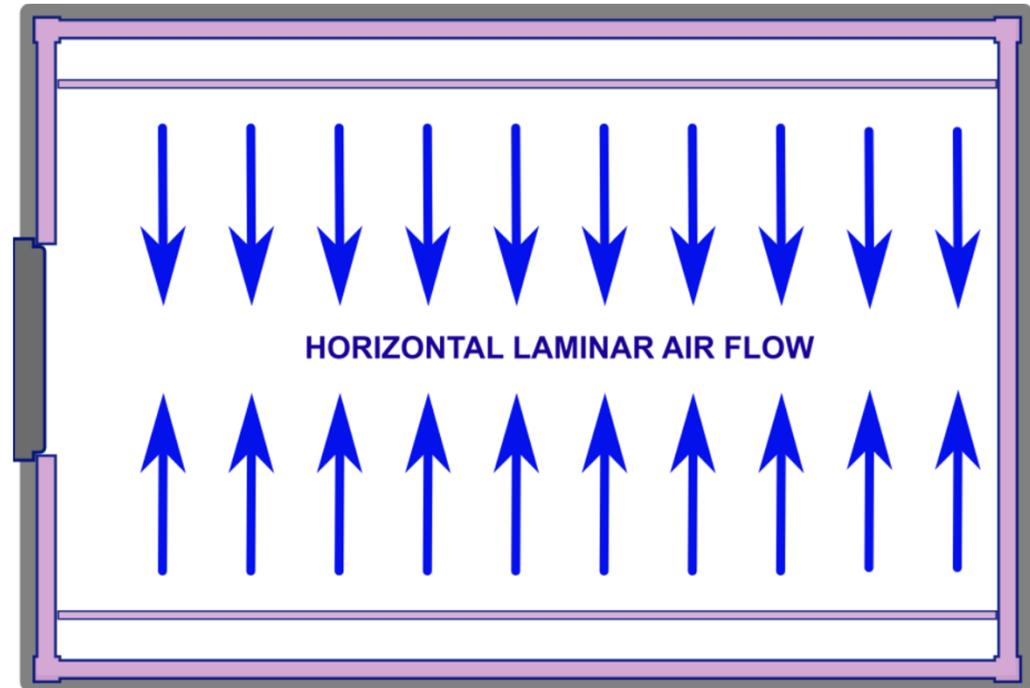


## INTERIOR

- ✓ Three interior heights: 1960, 2160 or 2360 mm.
- ✓ The exterior walls are manufactured with galvanized plate and white lacquered
- ✓ Air flow without turbulence.
- ✓ Stainless steel walls perforated on both sides for better distribution of temperature and humidity thanks to the horizontal air flow.
- ✓ Floor of the chamber composed of reinforced non-slip panels; Made of laminates of sheets with white lacquered coating.
- ✓ Superior load resistance of 300kg and fixed weight 1,300kg / m<sup>2</sup>.
- ✓ Reinforced stainless steel floor optional

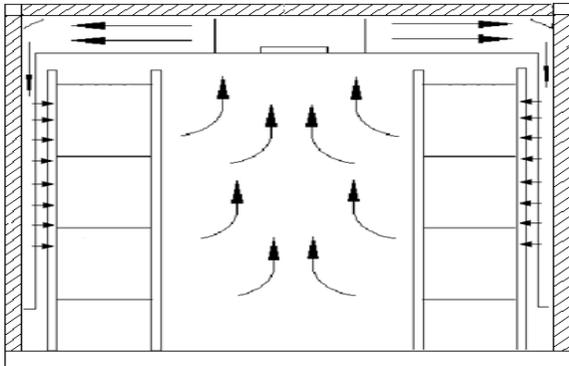


**INTERIOR**

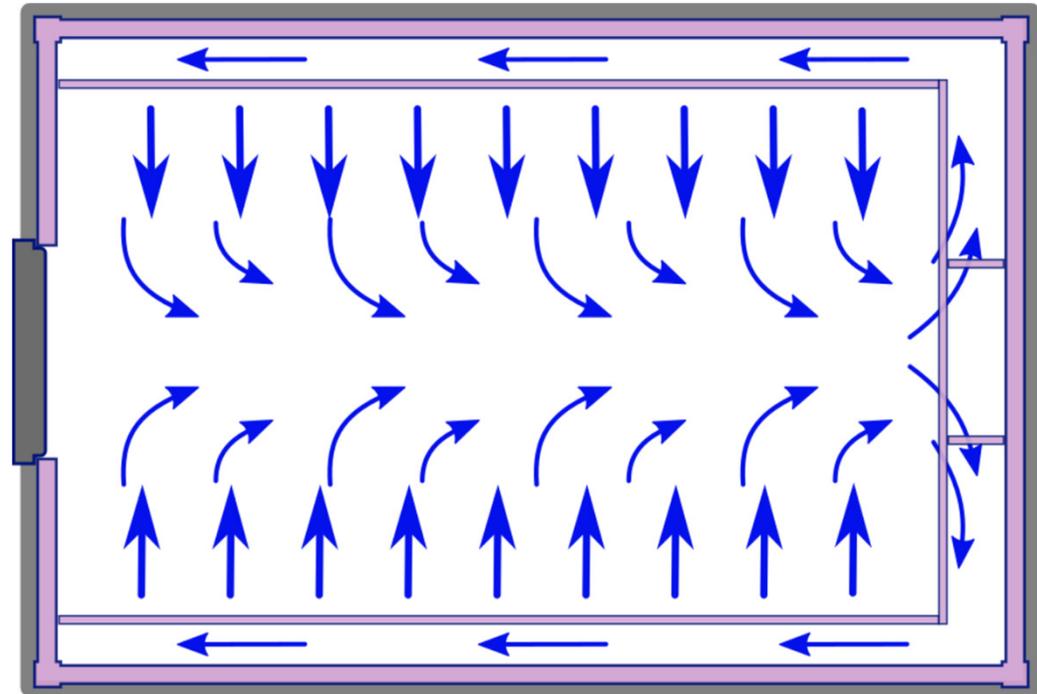
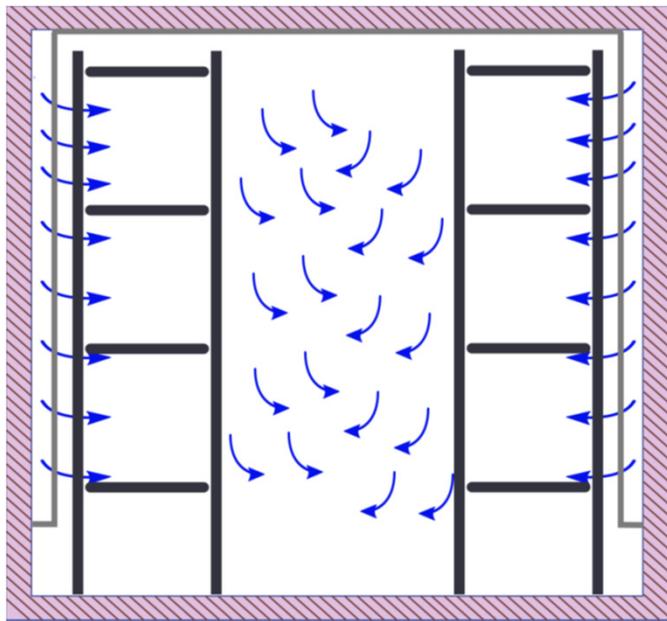


## HORIZONTAL AIRFLOW

- ✓ **Greater uniformity conditions.**
- ✓ Each shelves will be under the same climatic conditions.
- ✓ **High stability and uniformity.**
- ✓ Optional vertical air flow.



**INTERIOR**



## EXTERIOR

- ✓ Sandwich panels with CFC-free polyurethane insulation.
- ✓ The exterior walls are manufactured as galvanized plate and white lacquered.
- ✓ Unions and quick-closing internal anchors.
- ✓ Internal sanitary profile.
- ✓ Smooth or die-cut finish.
- ✓ Access port of 40 mm  $\varnothing$  for cables or tubes.



## DOOR

- ✓ Pivoting or sliding hinged door with aluminum handle and stainless steel frame.
- ✓ Standard dimensions of the doors 1830 × 800 mm.
- ✓ Automatic lock with key.
- ✓ Opening system from inside.
- ✓ Window, optional.
- ✓ Exterior and interior finished in galvanized sheet metal.
- ✓ Other configurations: Pivoting door, double wing door,...
- ✓ Possibility of placing the door on any of the 4 sides.



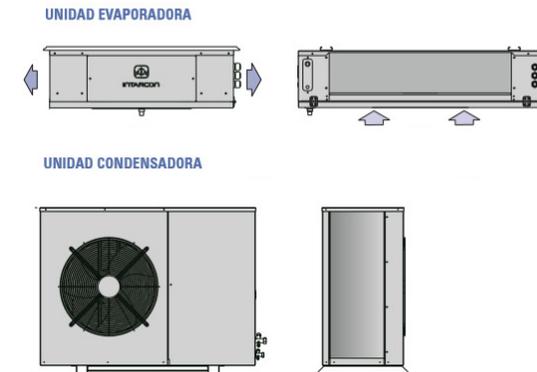
## HUMIDITY

- ✓ The chambers have different humidity generator options:
- ✓ Two different methods to generate humidity, according to the customer demands:
  - Ultrasound humidification: generates microscopic droplets inside the chamber at room temperature
  - Electrode humidification: generates moisture by electrodes; water vapor inside a boiler, heated by the conductivity of the salts contained in the water.



## COOLING GROUP

- ✓ Air-cooled system, its operation is carried out through a timed BYPASS that allows a better regulation of the cold, as well as guaranteeing a greater durability and performance of the compressor.
- ✓ Evaporator made of copper tube and high aluminum; In charge of absorbing the calories of the chamber.
- ✓ Includes refrigerant gas R 404, biodegradable, HCFC, chlorine free and CFC.
- ✓ Evaporator with double fan located on the roof of the chamber
- ✓ Monoblock condensing unit, located on the outside of the chamber (to mount to customer availability).
- ✓ The loudness level of the refrigeration unit is in accordance with the regulations in force; concerning noise pollution.



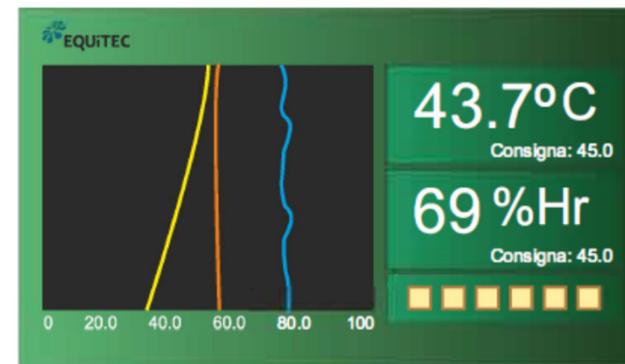
## SHELVES

- ✓ Flexible configuration according to the space available in the chamber.
- ✓ Great capacity and resistance.
- ✓ Heights of the shelf. : 1670, 1750 or 2000 mm.
- ✓ Adjustable to different levels and heights.
- ✓ Maximum number of levels: 5.
- ✓ Shelves with holes to facilitate air flow and correct homogeneity ..
- ✓ Depth of the shelf: 370, 470 or 570 mm.
- ✓ The shelves are made of polyethylene, aluminum or stainless steel; optionally



## CONTROL OPTIONS

- ✓ Light intensity control
- ✓ Low or High Temperature / humidity control.
- ✓ 3 levels of protection by numeric password
- ✓ Visual and audible alarms.
- ✓ Pt-100 temperature probe.
- ✓ Special capacitive humidity sensor.
- ✓ Thermostat for maximum and minimum temperatures.
- ✓ USB port for downloading the registered data.
- ✓ Software communication for PC.
- ✓ Screen available in 6 different languages.



# laftech

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