

COLD ROOM



Experimental capabilities

- **Identification of the components of a cold room**
- **Use of kits to cool the atmosphere**
- **Electric convector to test the support kits**
- **The system with industrial rendering**
- **The cold room is delivered assembled on a chassis with 4 castors**
- **The size of the cold room is suitable for a standard doorway.**

CHB100



Operating principle

The cold room CHB 100 is designed to test the operation of the cold kit DIDATEC (CHN404, CHP134, CHK134, CHK404).

A cutout on the side wall makes it possible to introduce the evaporator of the kit in the room. Students can then test the kit in real conditions. An electric convector is placed inside in order to create a thermal load and avoid short cycling groups.

The robust design of this equipment makes it perfectly suited for use in schools.

Its anodized aluminum structure on wheels makes it extremely robust as well as great flexibility of integration into your premises. The manufacturing of this equipment meets European machine directive

Illustrations



Technical specifications

The characteristics of the cold chamber are the following:

1. Interior dimensions: 600x600x1500mm
2. Wall thickness: 60mm
3. Walls insulation coefficient: 0.0223W/m.K
4. Reinforced wood soil
5. Pivoting door insulated with fluorescent anti panic handle inside and handle with key lock on the outside.
6. Decompression valve with electric defrost
7. Electric convector 500W
8. Lateral opening of the wall for inserting the evaporator of the kits.

Services required

- Power supply : 230 Vac – 50 Hz –10A
- Power supply Type: 1-Phase + Neutral + Earth
- Dimensions: (LxWxH mm): 780 x 720 x 1810
- weight (Kg): 96

Note : if the equipment installation is operated by our staff, all supplies and exhaust connections required must stand at less than 2m from the machine

Documentation

- Instructions handbook
- Technical file
- CE Certificate of conformity

Recommended equipment

- Kit of positive refrigeration assembled
- Building kit of positive refrigeration
- Kit of negative refrigeration assembled
- Building kit of negative refrigeration
- Ref : CHP 134
- Ref : CHK 134
- Ref : CHN 404
- Ref : CHK 404