

STUDY OF CONTROL COMPONENTS FOR REFRIGERATION SYSTEMS



Experimental capabilities

- Study and settings of the pressure switches.
- Study and adjustment of constant pressure valves of evaporation and of condensation

Operating principle

A silent air compressor is used to simulate the operation of a refrigerating circuit.

The facility has three working faces

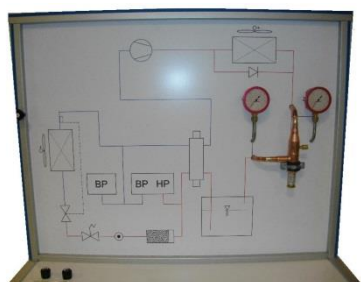
The robust design of this device makes it suitable for use in schools.

The equipment is set up on an Anodized aluminium frame on casters wheels. This gives it great strength and a flexibility of integration into your premises.

The manufacture of this equipment complies with the European standard for machinery manufacturing.

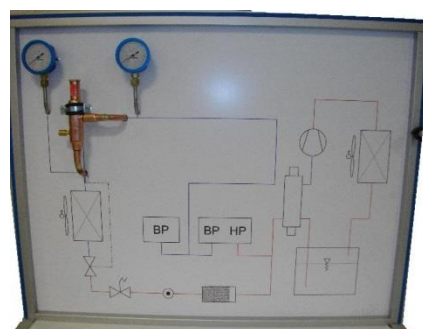
This equipment can be used alone or with other compatible equipment from our range (see last section of this document).

Illustrations



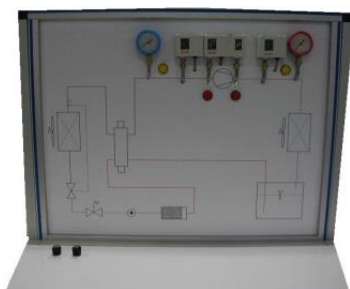
Working face on the condensing pressure regulating valve.

Thanks to the knobs located at the lower part the intake pressure can be varied in the valve, that way we can make the adjustment of the valve and observe the reactions on the pressures.



Working face on the evaporation pressure regulating valve.

Thanks to the knobs located at the lower part the intake pressure can be varied in the valve, that way we can make the adjustment of the valve and observe the reactions on the pressures.



Working face on pressure switches of regulation and safety.

Thanks to the knobs located at the lower part of manifold pressure can be varied in the switches, this way we can adjust the various pressure switches and observe the reaction thanks to the LEDs.

Services required

- Dimensions: (LxWxH mm): 1500 x 1500 x 1800
- weight (Kg): 150

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

- User's manual
- Pedagogical manual
- Technical documentation of the components
- Certificate of conformity CE