



REFRIGERATION TRAINER

It consists of an air conditioning system, a refrigeration system, a control panel, a unit for detecting the pressure, a connection area, etc.

The air conditioning system is composed of:

Internal and external heat exchanger, compressor, 4-way valves, control valves, etc.

The refrigeration system is composed of:

Refrigerator compressor, condenser, evaporator, regulator, thermostat, 2-way 3-position filter valve, etc.

The control panel is composed of:

Single-phase ac power supply. AC voltmeter, range: 0 ~ 250V. AC ammeter, range: 0 ~ 10A. Two digit thermometer. Switch to control the main supply current. Block diagram of the air conditioning system and of the refrigeration system. Test points. Protection against overheating or overload of the compressor.

The detection of the pressure consists of:

Four vacuum manometers used to supervise the pressures in the air conditioning and refrigeration systems.

Range: -0.1 ~ 1.8MPa and - 0.1 ~ 3.8MPa.

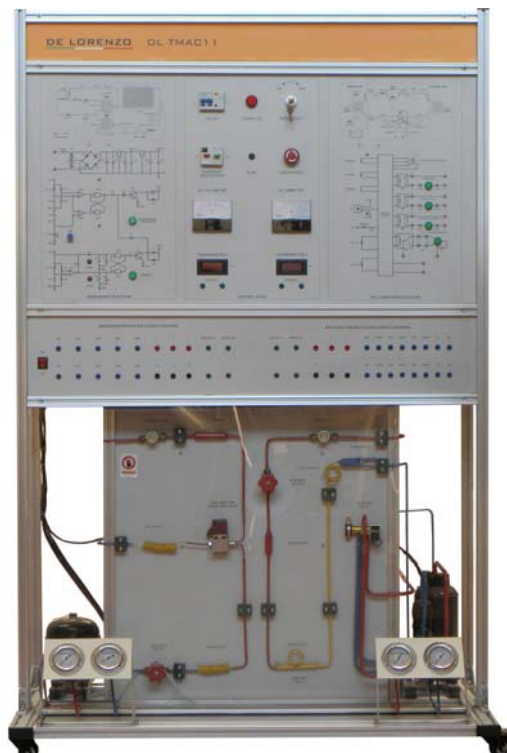
Connection area:

For the control of the electric circuit of the air conditioning and refrigeration systems, for the training of the students.

SPECIFICATIONS

- Power supply: single-phase from mains.
- Ambient temperature: -10 °C ~ 40 °C, relative humidity <85%, altitude < 4000 m.
- Power: <1.5kVA.

Protection against overvoltage



DL TMAC11