RTC 200

DIDATEC TECHNOLOGIE

Air conditioning Control unit

- The air conditioning control unit is delivered complete with instrumentation and with technical and instruction manuals.
- This unit may be used at different levels of study in an engineering program dealing with energy.

RTC 200

DIDATEC TECHNOLOGIE

DESCRIPTION

This is a “stand-alone” unit that can be used to study the programming of air treatment. Different inputs may be simulated to see what effect they have on the outcome.

- This unit can also be connected to a real air treatment station (ref. CRA 545) making it possible to study the regulation of a real machine.

SUGGESTED APPLICATIONS

- Study of an air conditioning installation
- Settlement of a controller
- Research and identification of the components
- Stranding of inlet/outlet
- Adjustment
- Simulation of the inlet temperatures
- Visualization of the controller actions
- Optimization of the adjustment

TECHNICAL CHARACTERISTICS

- **Controller**
  - Temperature and relative humidity adjusted simultaneously
  - Digital type
  - Inlets and outlets taken back to safety thimble banana type ∅ 4 mm
- **Synoptic**
  - Colour schematic representing an installation of air treatment in temperature –relative humidity
  - Temperatures and relative humidities can be simulated by potentiometer
  - Outlets 0 – 10 V and T.O.R. are shown on both switches and indicators on the synoptic diagram
- **Electrical control board**
  - Overhead protection by differential breakers 30 mA
  - Command and signals at low voltage (24 Vac)
- **Options**
  - The bench can be set up so that it can either be used with the whole controller or just for simulations.
  - It is possible to add a hot or cold water valve to the equipment .

DIMENSIONS

Depth	:	52 mm
Width	:	650 mm
Height	:	730 mm
Weight	:	40 kg

UTILITIES

230 V monophase – 50/60 Hz