Product Code . ILS-EELE-10422

Water Temperature Control Bench

Description

Water Temperature Control Bench

This system is water self contained and only need a main power supply 230V. The operative part permits to heat and to cool a water tank. Following the version of the electrical plate it allow to study. The bench allows to study, then to wire by the student, a complete temperature control system. Instrumentation (transmitter, thermostat, controller. Power modulation (static relay, wave train, dimmer. The electrical cabinet receives the control plate wired by the student. Electric and thermal measurement. The bench is conformed to the last securities standards.

Technical specifications:-

- It permits to be water self contained.
- A 25 liters tank.
- Its purpose is double.
- A immersed electrical heater.
- The cooling circuit is made out of a circulation pump and an aero-refrigerant allowing to increase the exchange of calories between the water and the ambient air.
- A temperature sensor.

- A ” low level” sensor.
- A security thermostat.
- A stainless steel centrifugal circulation pump.
- An aero-refrigerant.
- To disturb the temperature control loop.
- To cool the water tank in order to restart a new experiment (without having to wait for the natural water cooling).

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