



The Thermostat

The Thermostat, or mechanical thermometer, by its action controls the operation of the whole mechanism of the Regulator. Is made with a Time Attachment as illustrated or without the Time Attachment.

When the coil at the top of the Thermostat is exposed to a change of temperature, it expands or contracts, creating a motion which is imparted to the projecting arm, closing the electric circuit by forming a contact with one of the posts at the lower end. As the circuit is closed, an electric current flows through the magnets of the Motor, releasing the brake, and the driving shaft of the Motor makes a half revolution. The Thermostat is protected by an ornamental metal screen, which has upon its face an accurate thermometer. It should be located in the living room at an average temperature point. All the other parts of the device are located in the basement.

