



Innovative and modern digital clock thermostat for electric radiators based on fluid or dry heat transfer that can be configured with a daily or weekly program. The temperature is controlled by means of a room temperature sensor and it is based on a TRIAC with PID algorithm for a more precise temperature control. The device can be coupled to several replaceable heating element types up to 2000W. The supported heating element types are easily obtainable from the main European manufacturers.

INFINITY is equipped with one of the widest white backlit displays in its category, which provides an optimal visualization of the device status, the active functions and the selected operating mode. In particular, it provides information about the output power and the actual energy consumption.

In addition to the optional IR receiver for operating the device with the “**Helios**” and “**Galaxy**” remote controls, **INFINITY** can also be optionally equipped with a *Wi-Fi™ module for connecting* to iOS™ and Android™ devices and allowing the control of the device through the *dedicated App*, for an improved user experience.

The “Open Window Detection” function reduces energy waste and thus allows cost savings. The “Vacation” function allows deactivating the thermostat for a user configurable time interval.

The “ASC” function anticipates the starting time compared to ambient temperature dynamic. The “Child-safety” function lowers the temperature of the radiating surface. The “Key Lock” mode can be used to prevent inadvertent modification to the settings.

The clock thermostat allows selecting one of three predefined customizable programs. **INFINITY** can be connected to a Fil-Pilote control unit with 6 commands (only for Class II models).

The device has a backup battery (supercap), which obviates to a loss of power supply and supplies sufficient energy to the internal clock for up to two hours.

The motion sensor function reduces the temperature when the room is empty by switching to ECO mode to save energy.

The holiday function allows the thermostat to be deactivated for a period chosen by the user.

This thermostat can be connected to a 6-order Fil-pilote control unit (only for the Class II version).

Versions:

- **INFINITY ECO** - relay switching.
- **INFINITY PLUS** - Triac switching, LCD backlight, IR receiver.
- **INFINITY Wi-Fi** – Wi-Fi, compatible with Voice Assistant, Triac switching, LCD backlight, backlit button.

Technical specifications

<i>Operational modes, functions and display indications</i>	Comfort, Night, Fil-Pilote, Timer2h or Boost2h, Stand-by, Clock-thermostat, Antifreeze, Open window detection, ECO, Presence Sensor, Children protection, ASC, Holiday, Key lock, Android™ iOS™ Wi-Fi™ compatible, Power indicator, Energy consumption indicator 
<i>Conformity marking</i>	CE
<i>Supply voltage</i>	230 VAC - 50 Hz
<i>Range of controllable powers</i>	Up to 2000 W
<i>Ambient working temperature</i>	7°C ÷ 32°C
<i>Appliance classes</i>	Class II
<i>IP protection</i>	IP24
<i>Size</i>	190mm x 83mm x 64mm
<i>Available colours</i>	White, Noir Sablé

