

# Electronic Thermostat RT12

## RT12

Electronic thermostat for automatic control of the temperature during the winemaking process.



### • Description

The electronic thermostat series RT12 is suitable for wine tanks and for small or middle wine cellars. It automatically controls the temperature during the winemaking and replaces the classic systems that include many devices like sensors, boards, thermostats, transformers, in and out cables for each tank.

This results in a prompt opening and closing response of the tank, in reduced breakdowns and in lower installation/maintenance costs. The RT12 thermostat helps keeping the wine cellar clean and tidy, thanks to the direct connection to the tank's electrovalve.

The IP65 sealing makes it easily washable. The thermostat is suitable for the most thermowells already installed on the tanks.

[www.thtecheu.com](http://www.thtecheu.com)

DISCLAIMER: Th Tech Engineering srl operates a policy of continuous product development. We reserve the right to change specification without prior notice.

Th Tech Engineering srl Strada Ovidiu Cotrus, 21 - 300514 Timisoara - RO - Tel. +40 356 113400 - email [office@thtecheu.com](mailto:office@thtecheu.com)



Technical specifications	
Regulation range - Measuring range	-9 to 99°C. -9,9 ÷ 99,9°C.
Display resolution	0,1°C
Accuracy	Better than ±0,5°C.
Red led display	h 14mm. measured temperature data.
Green led display	h 10mm. programmed temperature data.
Power supply	24V/50Hz, consumption 5VA.
Output	2 relays output, pre-powered one for cooling one for heating
Relays	3A / 24 Vac.
Operating mode	Cooling / Heating / Cooling+Heating

## ● Features

- Protection grade IP65
- Easy installing and maintenance
- Fast adjustable calibration
- Programming protected by password
- 4 led to check the operating status
- Detailed instructions attached

## ● Thermowell

In principle, the operation of a thermostat without a thermowell with low process-side loading (low pressure, low viscosity and low flow velocities) is possible.

However, in order to enable exchanging the thermostat during operation (e.g. instrument replacement or calibration) and to ensure a better protection of the instrument and also the plant and the environment, it is advisable to use a thermowell from the extensive Th Tech Engineering thermowell portfolio.