



**GEWISS**

THERMO**ICE**

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

THERMOICE

# FEEL AT HOME

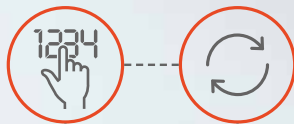
**Thermo ICE WiFi** is the new touch screen thermostat from GEWISS for those who want to manage the comfort of their home, **from afar.**

Achieving the ideal climate in your home has a new norm: simplicity, but with a touch of elegance and design, for seamless integration with every style of home interior.

**Enjoy a sense of well-being.  
Feel at home.**

## The Design

Display with touch controls, white LED backlight.



Circular touch slider, blue LED backlight and colours that change according to thermostat function.

Proximity sensor that lights up the thermostat when approached.



Wall mounting with reduced overhang that lies flush with the wall (21 mm).



White



Titanium



Black

THERMOICE

# Functions

Make everyday living even easier and more reliable with **Thermo ICE WiFi**. Create your ideal habitat, **improve your well-being and save on your heating costs**.



**A simple touch of the thermostat allows you to:**



Display temperature values and relative humidity.



Activate the heating or air cooling in your home.



Set or change the desired temperature.

# The App

With the **Thermo ICE 2.0** App, you can manage multiple thermostats in the same household or different homes (e.g. your house and holiday home). The same thermostat can be easily managed and controlled by multiple users, simply by installing the App across multiple mobile devices.



Temperature management



Geofencing



Time programming



Graph display

## What if my home internet connection doesn't work?

No need to worry, the thermostat will continue to operate according to the settings you have programmed, leaving all functions fully operational from the unit itself.

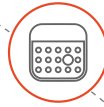
The App can be downloaded free of charge



Wherever you are, the App allows you to:



Turn the heating/cooling system on or off, checking its status in real time.



Schedule the temperature profile for every day of the week (**timed thermostat**)



View the temperature, relative humidity and activation percentage of the heating/cooling system over time.



View relative humidity and temperature values.



Enable **geofencing** to alter the behaviour of the thermostat based on where you are.



Set or change the desired temperature.



Receive **push notifications** for any problems with the system.



Define a range within which the thermostat can change the temperature value itself.

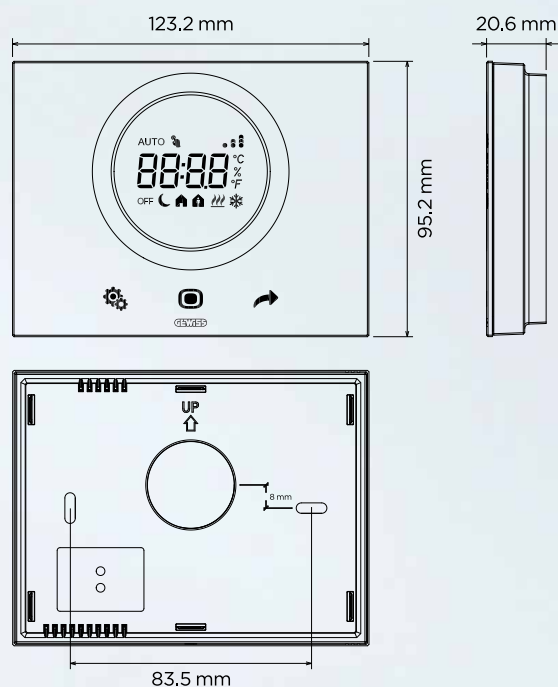


Receive and manage **updates** with new features via the **cloud (OTA)**, and automatically synchronise the date and time on the thermostat.



# Technical features

Front plate	Gloss finish technopolymer (glass effect)
Power supply	110–230 Vac 50/60 Hz
Power consumption	<3 W (on stand-by <1 W)
Inputs	1 input for external temperature sensor (NTC 10K type)
Outputs	2 relays with potential free NO contact (for heating/cooling and dehumidifying)
Max. switching current	6 A (cos $\phi$ = 1), 250 Vac / 1.5 A (cos $\phi$ = 0.6), 250 Vac
Temperature	0°C to +45°C with 0.1°C resolution
Relative humidity	10–95% with 1% resolution
Control algorithms	2 ON/OFF points – PI proportional with PWM control
WiFi connection	2.4 Ghz
Electrical connections	Screw terminals – Max. wire section 1.5 mm <sup>2</sup>
Protection degree	IP20
Dimensions (B x H x D)	123 x 95 x 21 mm
Regulatory reference	EN 60730-2-7, EN 60730-2-9



## Installation:

- On round or square boxes (wall plug fixation)
- On 3-module rectangular boxes (83.5 mm centre-to-centre distance)
- Wall mounting with wall plugs.



GW 16 970 CB  
White



GW 16 970 CT  
Titanium



GW 16 970 CN  
Black

# GEWISS

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