

# TEMPERATURE CONTROL

## Comfort and energy efficiency

A modern building cannot do without an efficient heating and climate control system that guarantees energy savings while maintaining comfort for the occupants.

The zoned temperature control system is a key element in achieving **comfort and energy efficiency**.

Dividing the building into separately controlled zones makes the following possible:

- Manage comfort temperature only when people are present
- Manage artificial heating or cooling only when it is really necessary, depending on the contribution of solar radiation

For example, in the cold season, rooms exposed to sunlight need less energy to be heated than those not exposed to the sun.

By installing multi-zone systems, **cost savings of up to 30%** can be achieved, compared to traditional systems with a single chronothermostat.



## ADVANTAGES

### ADVANCED RADIANT SYSTEM MANAGEMENT

The system stores usage patterns and recognises the climatically disadvantaged environment, correcting discomfort.

### INTEGRATED SYSTEM WITH START & STOP

The intelligent control continuously calculates the inertia of each individual room, anticipating start-up and shutdown.

### OPTIMISED PID CONTROL STRATEGY

The technology algorithm allows the radiant system to be managed with maximum efficiency.

### ADVANCED AIR TREATMENT MANAGEMENT

Optimises unit operation according to different requirements.

### COMPATIBLE WITH HOME AUTOMATION SYSTEM

Using an interface device with the chosen home automation system, it will be possible to monitor and control the system from a single application in a simple way.

### CONNECTION TO THE CLOUD PLATFORM

The platform allows system supervision and the display of graphs and statistics.

### VOC SENSOR TO MEASURE AIR QUALITY

VOC sensors help determine air quality by measuring volatile organic compounds.

## TAX DEDUCTIONS

Compatible with the requirements of current legislation on tax deductions.