



CAREL

easy way

Wireless integrated solutions for
climatic optimized control

T e c h n o l o g y & E v o l u t i o n

Wireless integrated solutions for climatic optimized control



CAREL has extensive experience studied with successes in the field of the controllers for air-conditioning units and systems. Today the vast range of solutions in this sector has been enriched by an innovative new development: easy way, the first completely wireless solution for temperature control in buildings, which guarantees energy saving and optimisation of the entire system.

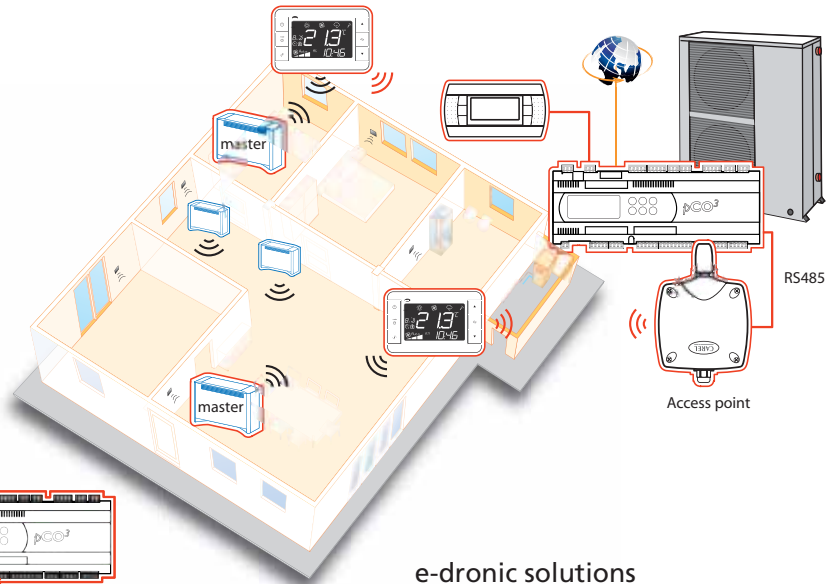
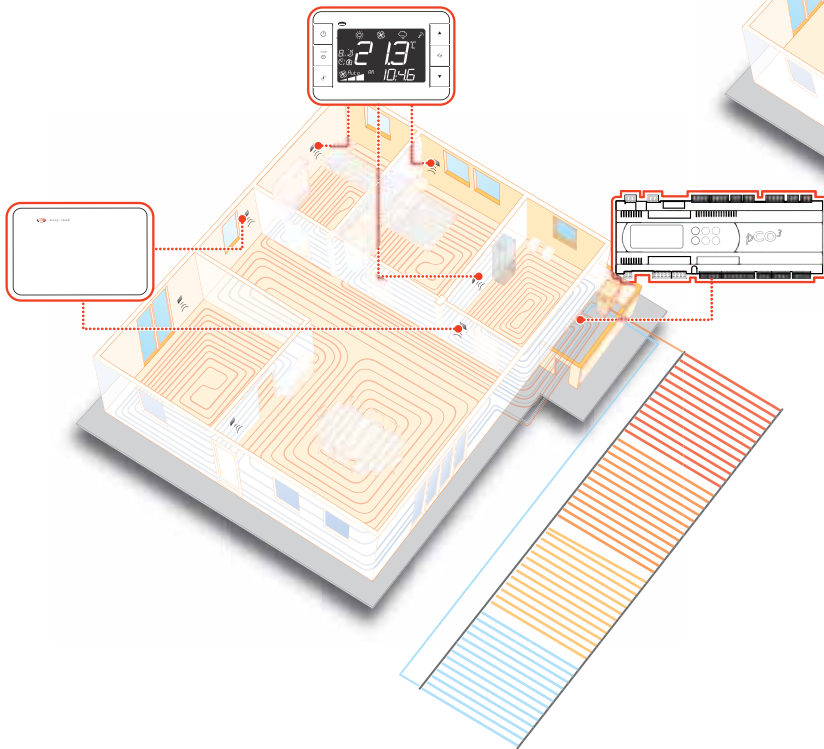
easy way is made up of:

- A programmable control device (pCO controller) for the management of the entire building, divided into zones, floors etc.
- easy set: an innovative wireless thermostat with built in temperature and humidity sensors.
- easy read: wireless temperature and humidity sensors.
- Access point and repeater.

Main features:

- Innovative design of the thermostat and the wireless sensor (battery life: 10 years)
- Easy to install (on walls, desktop or hand-held)
- Control of valves in individual zones (energy saving)
- ON/OFF button and time bands with room temperature setting
- Fresh air control for primary air systems
- Applications in geothermal HP, roof top units, hydronic systems for hospitality, residential and light commercial

**Underfloor heating solutions
(geothermal HP)**

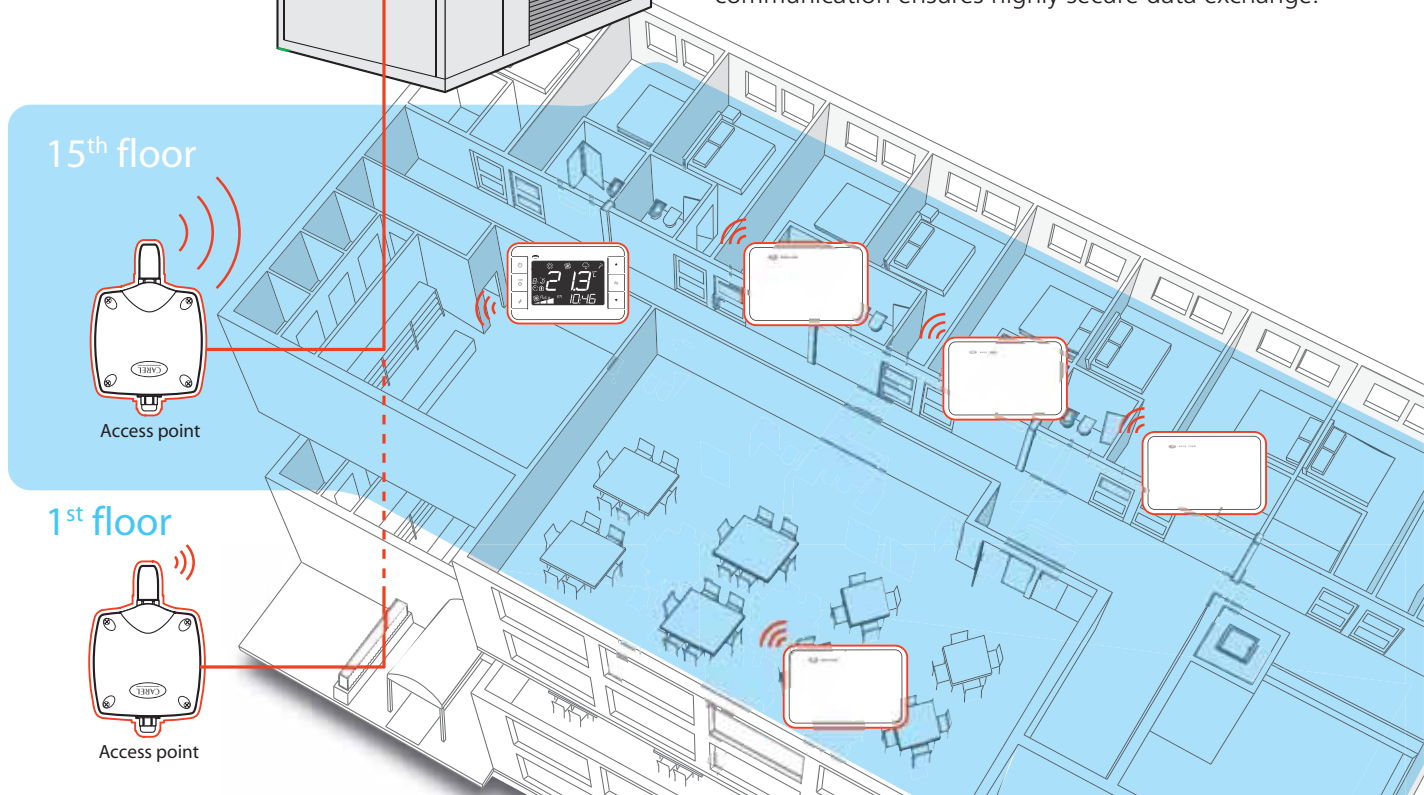
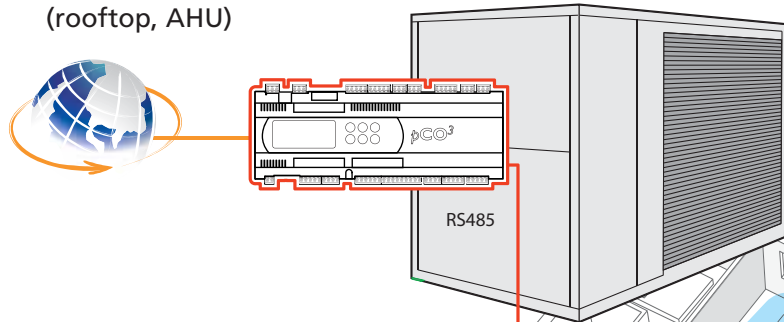


**e-dronic solutions
(chiller/HP)**

Advantages:

- Flexibility: possibility to manage flexible spaces very simply, i.e. the reorganisation of a supermarket or office, without having an impact on the communication network.
- Simple retrofit installation in historic or prestige buildings that do not have raised floors or false ceilings.
- Possibility to exploit existing wireless infrastructure to deliver HVAC/R services.
- Lower installation and running costs.
- Simple commissioning/service.
- Specific control of individual zones (energy saving).
- Integration with the more commonly-used Building Management Systems (BMS).
- The standard ZigBee™ technology used for the wireless communication ensures highly secure data exchange.

**Primary air applications
(rooftop, AHU)**



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