



Smart thermostats.

Stay tuned with the evolution of smart heating & cooling.

radiant heating
& cooling
components

OEM



Optimized for
radiant heating and
cooling systems



Self-learning feature
with geolocation aimed
at energy saving



Secure remote
connection and
automatic updates



Innovative regulation
strategies for
energy saving



Voice control
through Amazon
Alexa & Google Home



Advanced
management
of air units



The system learns the
amount of time required
to warm up or cool down
every room



Intuitive graphics,
tutorials and online
support



Remote control
with Apps
iOS and Android

Control and support from anywhere.



Optimum start & stop

Common thermostats control room temperature by following the scheduling defined by the user. As they do not account for time needed to heat up or cool down, especially in case of radiant systems, they may lead to comfort problems and energy losses. Optimum Start & Stop takes care of this by adjusting the start and stop of each room in the system, based on real room behaviour, thus maximizing comfort and saving energy.

Energy saving and comfort living mode

The user can set the most suitable operating mode according to the type of environment, with an eye to consumption or push the system to maximum comfort.



PID STRATEGY



MASTER ROOM DETECTION



SELF-ADJUSTING CLIMATIC CURVE



WEATHER FORECAST



AUTOMATIC REMOTE UPDATE



WIFI AND BUS CONNECTION



INTEGRATION WITH HOME AUTOMATION THROUGH STANDARD PROTOCOLS



ERROR-FREE ASSISTED INSTALLATION



NEW APP (iOS & ANDROID) AND CLOUD PLATFORM



ADVANCED AIR TREATMENT

Smart home integration: using Smart365 with Amazon Alexa & Google Home means you can now effortlessly control your comfort with your voice.



Web portal

The web portal allows the management of the user account, for the visualization of graphs and data, download of guides and manuals, assistance, after-market services, contacts and messaging. The web portal can also be used by specialized personnel (installer, service centre) with access to technical data and direct assistance.

iOS + Android App and cloud platform

The user controls all homes from a single App, even remotely. All data are kept with the most modern procedures and technologies to guarantee the security and protection of the user's privacy. All settings will be synchronized with the system, even if temporarily there is no internet connectivity. The App allows the user to control all the functionalities of the system.



Voice control

Each Smart365 thermostat is enabled for voice control by Amazon Alexa & Google Home.

Online services

Compatible with Smart365 cloud services and Apps. Cloud services enable remote monitoring and management of the building conditions, available through iOS/Android apps and web browser. Additionally, home owners, off-site support service, maintenance staff can access to a tailored and easy to use management dashboard. Conditions are defined by a specific OEM agreement.



App

The smartphone App gives you full control over your system wherever you are.





4" CAPACITIVE TOUCHSCREEN DISPLAY WITH MULTITOUCH TECHNOLOGY, 86 x 86 x 14 mm

Interfaces

2 relays 230 V AC max. 5A (resistive load), 2 analogue inputs, 0-10 V output control, RS-485 bus, 230 V AC power supply, WiFi 802.11 b/g/n.

Display

4" capacitive touchscreen display with multitouch technology, WiFi-enabled smart thermostat with air temperature, humidity and air quality sensor.

Mounting

Plastic support (back plate) for flush mounted round box.

Standard functionalities

7-day programming with 3 comfort levels, accurate heating/cooling temperature control, dehumidifier control.

App & cloud platform

Each SmartOne365 thermostat can connect to Smart365 cloud platform and benefit from additional features and services.



Advanced functionalities

Designed for intelligent climate control, this system enhances comfort and efficiency with features such as the Optimum Start & Stop algorithm, which adapts to the thermal behaviour of each room for precise temperature control. It supports external sensors for floor and ceiling monitoring, includes dew point control to prevent condensation and offers temperature set & hold, lock screen and customisable modes. Frost protection, boiler control and H/C switch input ensure seamless transitions between heating and cooling.

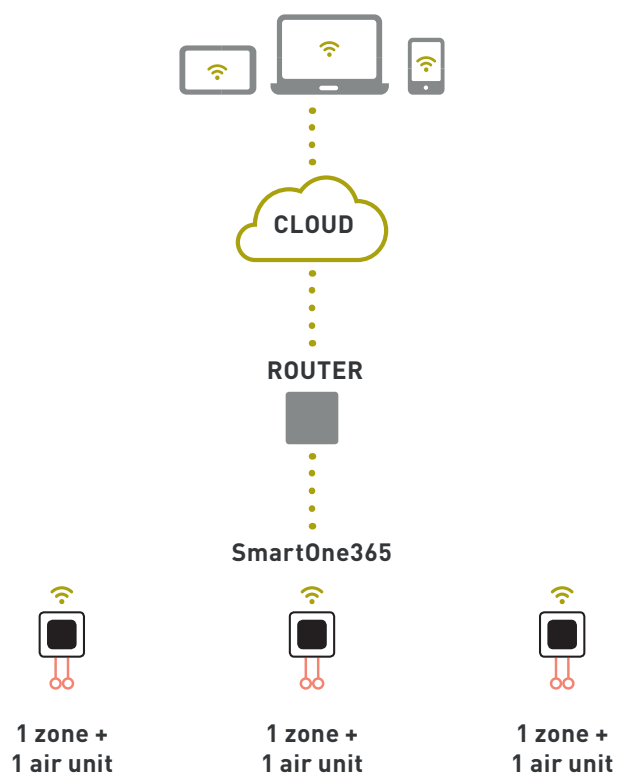
Wizard

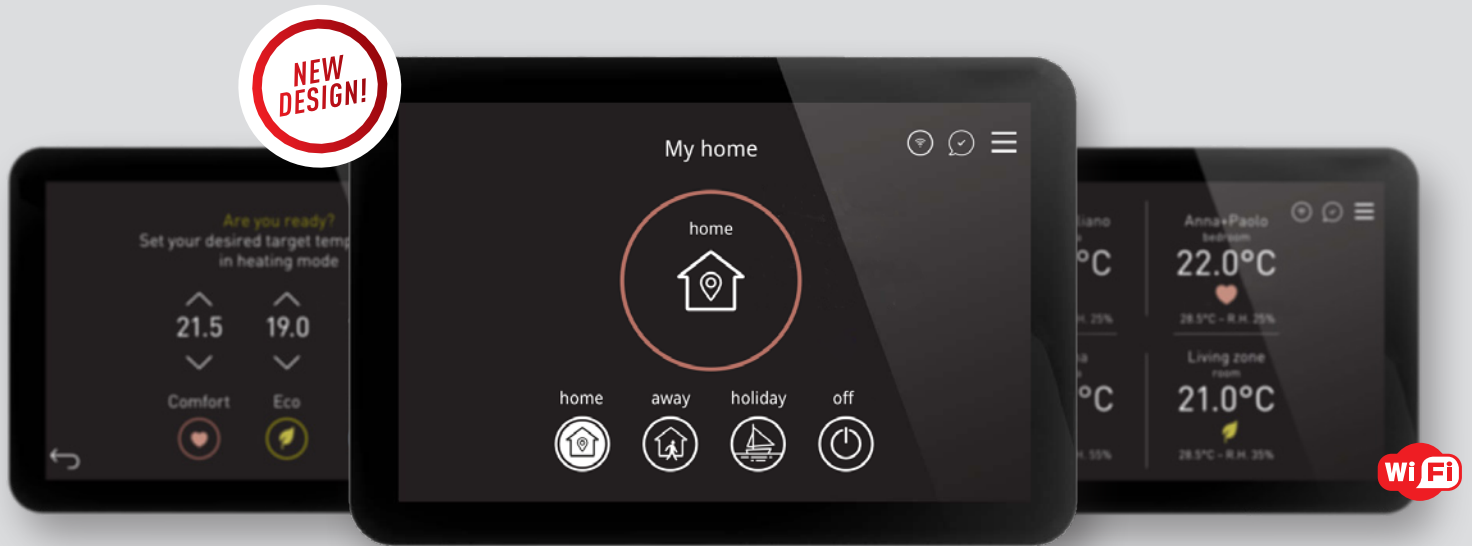
SmartOne simplifies installation with a step-by-step setup guide designed for both professionals and end users. The installer wizard ensures quick and accurate configuration of all system parameters, while the user-friendly setup guide makes personalisation effortless. A seamless onboarding experience for smarter convenience from day one.



Smart heating & cooling

When SmartOne365 is connected, each room is managed as a system “as a whole” to increase comfort and minimise energy needs.



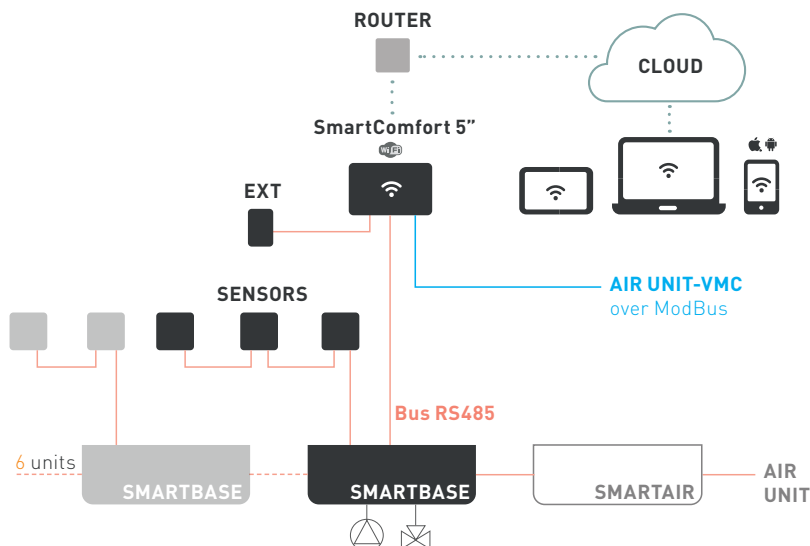


5" CAPACITIVE TOUCHSCREEN DISPLAY WITH MULTITOUCH TECHNOLOGY, 129 x 86 x 14 mm

Take control of indoor comfort

Comfort, in its various expressions, is a major theme of modern life. Feeling comfort-able indoors in every corner of the room, whatever the outdoor weather is, makes you feel at home. Radiant heating and cooling through floor, wall or ceiling systems offers numerous advantages, including silent and invisible well-being all year round. The core of each radiant system is the unit regulating its operation, which therefore makes the difference. It must be able to efficiently manage energy consumption while

constantly guaranteeing the most appropriate comfort conditions for each season. SmartComfort365, an intelligent regulation system optimised for radiant systems, is designed to fulfill these and more requirements. Its main strength: managing through a single user interface all climate control, heating and cooling aspects, ranging from ventilation to humidity regulation for optimising comfort.



ROOM SENSORS FOR TEMPERATURE & HUMIDITY



SMARTPOINT
(Temperature, humidity)



SMARTPOINT WIRELESS
(with Access point)

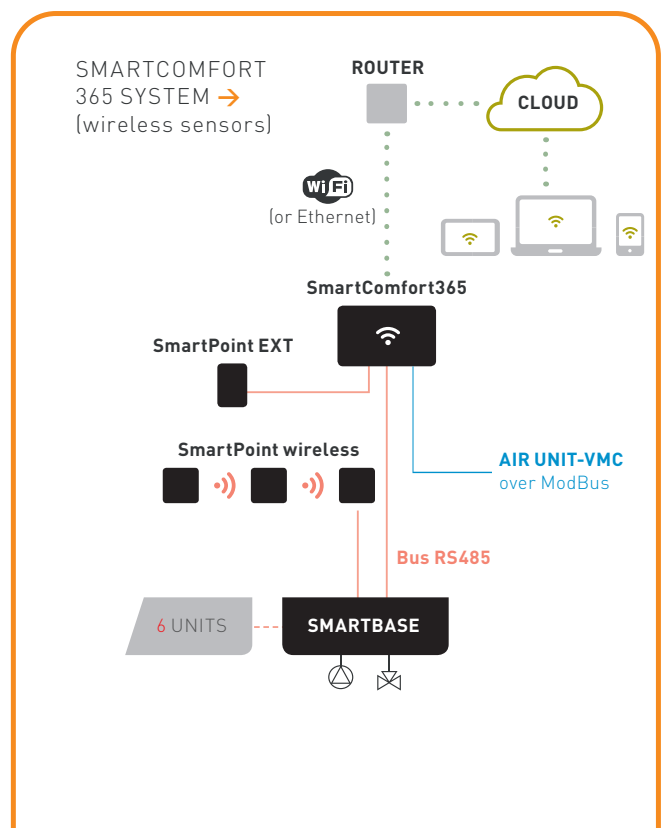
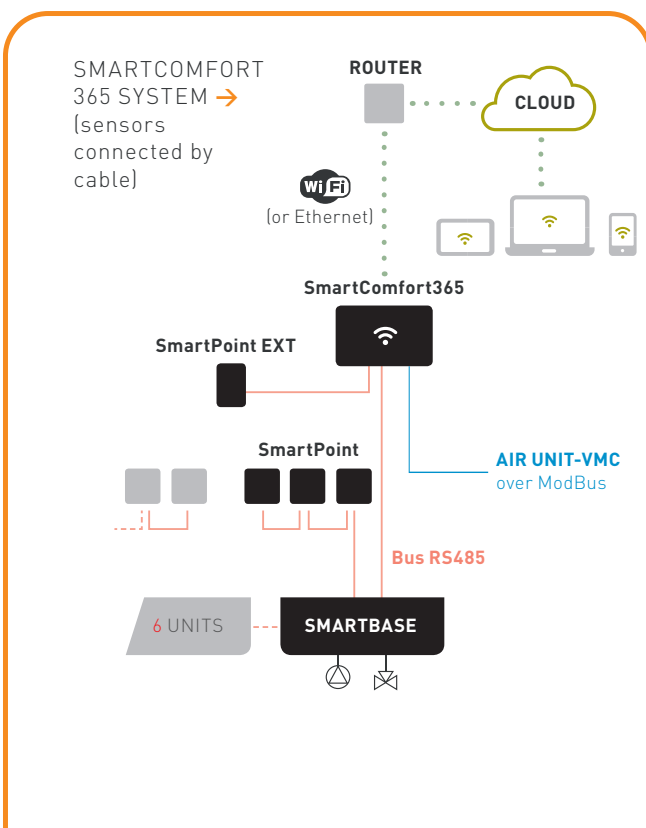


SMARTONE365 AS A SENSOR
(Temperature, Humidity, Air quality)



Smart365 system logic diagrams

SmartControl365 supports the connection of up to 6 SmartBase modules, to control 48 rooms, over bathrooms, 8 SmartAir modules or 8 Deuclima-VMC air machines. The smartpoint room sensors can be connected via BUS cable or wirelessly.



Components for the SmartComfort365 ecosystem



SMARTBASE

Actuator module for the hydraulic part of the radiant system capable of managing up to a maximum of 8 rooms, excluding bathrooms.

Head, pump and mixer, air units management.



SMARTAIR

Actuator module able to manage the mechanical ventilation unit in dehumidification, cooling and air exchange separately; alternatively it can manage an air handling unit in dehumidification and cooling. Air unit management.



CONNECTION SET

For SmartBase/SmartAir.



SMARTPOINT T

Temperature sensor (round box).



SMARTPOINT TU

Temperature/humidity sensor (round box).



SMARTPOINT WIRELESS T

Wireless temperature sensor.



SMARTPOINT WIRELESS TU

Wireless temperature and humidity sensor.



SMARTPOINT WIRELESS/ ACCESS POINT TU

Wireless access point temperature and humidity sensor



SMARTPOINT TE

External temperature sensor



Flow temperature sensor



SMARTONE365

Thermostat a sensor



PRODUCTION PLANT BOLZANO/BOZEN (ITALY)

Enetec SpA Benefit Company

Pillhof 89
 I-39057 Frangarto (BZ)
 T +39 0471 051 508
 F +39 0471 051 509
 mail@enetec.info

Enetec Plastics GmbH

Pipe extrusion
 Kalkarer Str. 81 – Halle 25-27
 D-47533 Kleve
 T +49 2821 89 88 00
 pipes@enetec.info
 sales@enetec.info

Plant Bolzano/Bozen

Molding & Milling
 Pillhof 89
 I-39057 Frangarto (BZ)
 T +39 0471 051 508
 F +39 0471 051 509
 mail@enetec.info

Plant Verolanuova

EPS Production
 Via IV Novembre, 34
 I-25028 Verolanuova (BS)
 T +39 030 933163
 F +39 030 9923998
 eps@enetec.info