

ClimaECO Sensors

Meet high standards of smart commercial buildings



01 Control element
8gang



01

02 Room temperature
controller with CO₂/
moisture sensor
and control function
6gang



02

03 Control element
12gang



03

04 Room temperature
controller extension
unit with control
function 10gang



04

ClimaECO Sensors

ClimaECO is the most comprehensive KNX-based HVAC automation portfolio in the market. The new ClimaECO Sensors are easy-to-use high quality sensors. They are equipped with an illuminated display for excellent readability and a modern design. Different variants of the sensors are available.

Explore the possibilities at abb.com/climaeco

- High quality display with illumination for excellent readability
- First Room device with three functionalities in one device: control element, room temperature control and CO₂ / humidity sensor
- Clean and elegant design that fits perfectly into modern commercial buildings
- Large Labelling field to make the buttons easier to control
- Separate anti-theft protection (same like ABB-tacteo®)

HVAC room automation

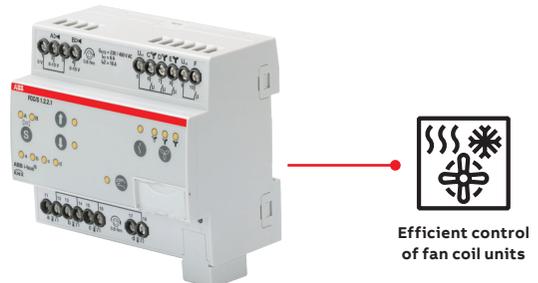
New solutions for efficient HVAC room automation

For perfect climate conditions in a room

ABB's portfolio includes controllers for fan coils, radiators, floor heating and cooling ceiling applications, and devices for operating that can be easily installed on the wall or above the ceiling. Room control units are determined for small to medium commercial buildings. The whole ABB i-bus® KNX product portfolio is compatible with ClimaECO.

ABB's room automation solutions ensure that all functions in a room are operated as efficiently as possible to save operational costs and improve the space environment.

Room automation products



Valve Drive Controllers, VC/S

The Valve Drive Controller is suitable for controlling cooling surfaces, floor heating, or radiators. An analog room control unit can be connected to each channel to adjust the setpoint temperature.

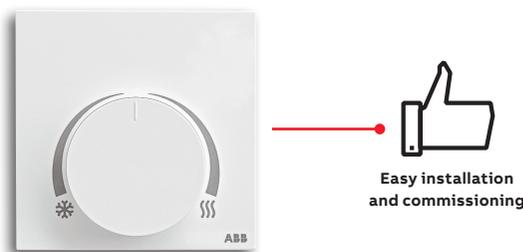
Fan Coil Controllers, FCC/S

Fan Coil Controllers control fan coil units to regulate the room temperature. An analog room control unit can be connected directly to the device to adjust the setpoint temperature and fan speed.

- With integrated room-temperature controller
- Integrated inputs for connecting room sensors

- With integrated room-temperature controller
- Supports continuous fans (0–10 V) and 6-way valves

User operation products



Room Control Unit, SAR/A

The room temperature control unit allows every kind of room to be individually and conveniently heated or cooled as needed.

Air Quality Sensors

Air Quality Sensors with RTC measure the room temperature, CO₂ concentration, and relative humidity.

- Can be connected directly to FCC/S and VC/S
- Easy installation and commissioning
- Optimal price/performance
- No power supply needed

- With integrated room temperature controller
- Dew point calculation and alarming included
- CO₂ and humidity-dependent controllers