**ClimaECO Sensors**

Meet high standards of smart commercial buildings

ClimaECO is the most comprehensive KNX-based HVAC automation portfolio in the market. The new ClimatoECO 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®)
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.

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

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
- 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.

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

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

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