

# DESIGO RXC

The comprehensive range  
for individual rooms



Answers for infrastructure.

**SIEMENS**

DESIGO™ RXC ensures demand-dependent individual room comfort in public buildings, office buildings, schools and hotels. This economical and user-friendly system provides flexible control of all types of plant in individual rooms. DESIGO RXC can be integrated into existing or new plants and ensures optimal energy efficiency.

■ **LONWORKS® technology offers a high level of versatility**

LONWORKS technology enables DESIGO RXC to be easily integrated into building automation and control systems. Use of LONWORKS technology also helps lower the installation and life cycle costs, gives greater expandability and flexibility at a lower cost, and improves energy efficiency as numerous plants can be combined.

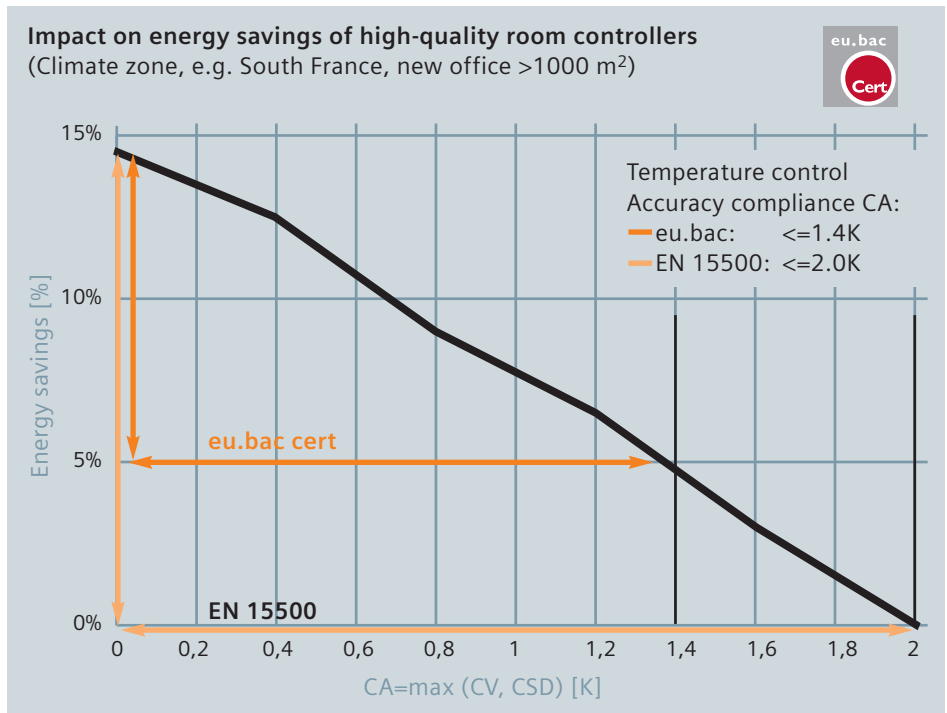
■ **Complete range of room units**

For direct operation and monitoring of setpoints and actual values in individual rooms, a comprehensive range of room units is available. The product range reaches from simple room temperature sensors to versatile room units featuring parameterization and configurable buttons for the operation of lighting and blinds. Units with radio communication and room units for mounting on recessed conduit boxes complement the product line.



■ **Flexible room usage**

The DESIGO RXC controllers are also very versatile when it comes to planning and commissioning. Adaptations can be made quickly and easily should occupancy schedules or space allocations change, with no need for rewiring or for laying new cables.



Compared to the EN standards, the energy savings with DESIGO RXC products are up to 14% due to their excellent control accuracy. Source: CSTB France

■ **Plug-in type screw terminals**

The plug-in type screw terminals for the connection of actuators and sensors simplify not only installation but also maintenance.

■ **Up to 14% energy savings**

The DESIGO RXC controllers in connection with the room units guarantee very accurate room temperature control, thus ensuring optimum comfort conditions and energy savings.

The eu.bac certificate confirms the RXC controllers excellent control quality, for example for fan coil a CA-value of 0.1K. With RXC, BACS energy conformance class A can be achieved. Occupancy-dependent setpoints for heating and cooling as well as intelligent algorithms, operating modes, etc., also minimize energy usage.

■ **Broad range of standard applications**

DESIGO RXC offers a wide range of loadable standard applications for room automation, including fan coils, radiators, chilled ceilings, VAV, and integrated applications with lights and blinds.

■ **Integration into the DESIGO building automation and control system**

DESIGO PX facilitates integration of the DESIGO RXC controllers into the DESIGO building automation and control system. When integrated into DESIGO, additional functions, such as time programs, trending, heating/cooling demand, central control of setpoints and a lot more become available. As a result, DESIGO RXC becomes part of the modular and extendable complete system which guarantees economy for many years to come.

**Highlights**

- Versatile with LONWORKS technology
- Comprehensive range of room units
- Flexible room usage
- Easy mounting and maintenance thanks to plug-in type screw terminals
- Energy-efficient – eu.bac-certified
- Broad range of standard applications

For more information:  
[www.siemens.com/buildingtechnologies](http://www.siemens.com/buildingtechnologies)

The information in this document contains general descriptions of technical options available, which do not always have to be present in individual cases. The required features should therefore be specified in each individual case at the time of closing the contract.

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