

SIEMENS



Room thermostats – wide variety and high energy efficiency

New room thermostats of modern design for fan coil units and universal applications



Room thermostats – energy-efficient temperature control for all needs

Enjoying comfort and coziness while saving energy and costs – the new room thermostats from Siemens offer everything you need to achieve this. The time programs provided by the devices ensure efficient usage of heat and cooling energy. You will also be able to cut energy costs by making use of setpoint limitations for heating and cooling. To ensure optimum room comfort at minimum cost, the fan's speed is automatically adjusted. And for the periods of time people are absent, the room thermostats can be switched to energy saving mode simply by pressing a button.



RDG range – for fan coil units and volume flow, also available with KNX communication



RDG100T/H – with time programs for fan coil units

Convenient, elegant and versatile

Be it stand-alone or communicating models: Using time programs and relying on intuitive operation, the RDG and RDF room thermostats ensure an optimum room climate at all times.

Enhanced room climate in all types of houses or buildings

Hotels, homes or commercial buildings – the room thermostats' time programs guarantee optimum comfort at the required times. The setpoint can be adjusted very accurately. And, using the extension and absence function, the comfort phase can be easily extended or shortened. In addition, the products ensure an optimum control of the fan speed, resulting in quiet operation.

Ease of operation thanks to function-oriented design

The thermostats' modern design places great emphasis on user-friendly operation. Thanks to the products' large and clear display, temperature values and time of day are easy to read. Backlit display increases the display's contrast and facilitates operation under poor light conditions. To satisfy the needs of international users, the display shows setpoint and room temperature in °C and °F if required.

Operation is easy and intuitive, thanks to a setting knob and large buttons. A button lock feature prevents unintentional readjustments. Also, the thermostats indicate when the fan's filter needs to be cleaned. Remote control also offers ease of use: The room temperature can be readjusted from the hotel bed, for instance or the workplace.



RDF range – for semi flush mounting with time programs for fan coil units, also available with KNX communication



RDF301.50 – communicating room thermostat with lighting and blinds control

High level of flexibility and cost efficiency thanks to consistent product concept

The new room thermostats are suited for a host of applications, including fan coil units, variable air volume systems, chilled ceilings, heating systems and heat pumps. This means that plants operating on different heating and cooling systems can make use of a consistent design concept based on uniform operation. Installation and commissioning are quick and economical since the room thermostats use the same product concept. Employing KNX – the only open, global standard on home and building management – the communicating thermostats can be seamlessly integrated into existing systems. The devices are available with Modbus communication as well.

Flexibility and efficiency are also offered by the choice of connection facilities for external sensors and contacts. For example, in hotels, the room thermostats in

connection with a keycard contact automatically switch to energy saving mode when the guest leaves the room. To ensure accurate acquisition and control of the room temperature, an external room temperature sensor can be connected. Through changeover sensors, the plant is automatically switched from heating to cooling and vice versa. As the RDG room thermostats are wall-mounted, they can easily be fitted in a suitable place.

Top-quality that pays off in the long term

Long service life and a high level of reliability of the room thermostats ensure efficient operation. This means that you benefit from your investment not only in the short term, but for many years to come, backed by meticulous production, top-quality materials and comprehensive quality management.

Highlights

- Energy and cost savings thanks to time programs, setpoint limitation, fan control and absence function
- Pleasant room climate owing to accurate temperature control and quiet operation
- Intuitive, user-friendly design for ease of operation
- High level of flexibility and cost efficiency based on consistent product concept
- First-class product quality for more investment protection and reliability

Everything for economical room temperature control

Satisfying all needs with just one product range

The room thermostats from Siemens enable you to meet all your application requirements in an optimum way. The comprehensive range comprises simple communicating thermostats. The devices can be used as stand-alone thermostats or in networks together with other products – in the form of tailored solutions for demanding applications.

Major benefit: You can cover a wide choice of heating, ventilation and cooling applications while satisfying individual customer needs – be it in single family homes, commercial buildings, hotels or office buildings.

The efficient way to control room temperature

Our room thermostats excel in high energy efficiency. Time programs maintain the room temperature at the required comfort level for preset periods of time. In addition, the thermostats offer a number of easy-to-set energy saving functions that help cut energy usage, such as different operating modes setpoint limitation, automatic fan control, or applications featuring modulating outputs. It is also possible to connect external sensors or switches, such as window contacts.

The room thermostats are also suited for heat pump applications with renewable forms of energy, making the products a future-proof choice.

Ease of use in every respect

Unambiguous symbols, a large backlit display plus large buttons and setting knobs are only some of the features that ensure ease of operation. Also, the thermostats are simple to install. And – thanks to the uniform product concept – you benefit from quick and straightforward commissioning.

Investment protection for your customers

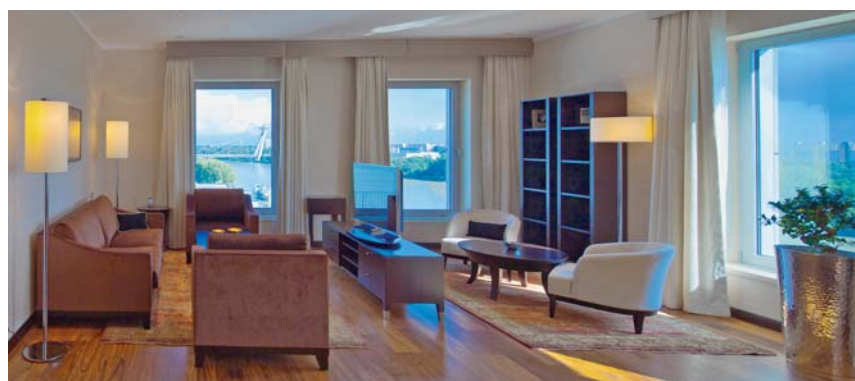
The use of top-quality materials, meticulous production and comprehensive quality management ensures that room thermostats from Siemens offer a high level of reliability and longevity. Also, they conform to international norms and standards.

Relying on an experienced partner

Siemens has developed room thermostats for more than 70 years. Benefit from our in-depth application know-how and our decades of experience.

Highlights

- Energy-efficient and cost-saving room temperature control
- Ease of operation and great control accuracy for optimum comfort and user-friendliness
- Quick and straightforward installation and commissioning
- Investment protection thanks to top-quality products conforming to the relevant standards
- Decades of experience and in-depth application know-how
- KNX communication for the integration into building automation systems



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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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Answers for infrastructure.

Our world is undergoing changes that force us to think in new ways: demographic change, urbanization, global warming and resource shortages. Maximum efficiency has top priority – and not only where energy is concerned. In addition, we need to increase comfort for the well-being of users. Also, our need for safety and security is constantly growing. For our customers, success is defined by how well they manage these challenges. Siemens has the answers.

“We are the trusted technology partner for energy-efficient, safe and secure buildings and infrastructure.”