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SAUTER NRFC4, the compact air conditioning thermostat

Operating device and controller in one: The new thermostat from SAUTER is a multi-talent for air conditioning systems. It has a customisable display with large numbers and user-friendly button operation and there is also a communication interface to the building management system.



The hot summer months are the busiest time for air conditioning systems. Sensitive people often associate this with nothing more than an ice-cold blast from a fan, but a well-adjusted system ensures constant, healthy indoor air quality – and not just in summer. This is done using fan coils; the actual air conditioning devices.

Fan coils can be controlled by thermostats. SAUTER is launching the NRFC4, a single-room controller for air-conditioning systems in commercial or residential buildings. The new thermostat can be used for a wide range of fan coil applications: 2-pipe or 4-pipe systems, two-stage heating systems or water-based heat pumps.

Intuitive and simple operation

The NRFC4 makes it easy for users. The compact housing can be easily mounted on the wall and commissioning requires no programming at all. A large, configurable, backlit display provides comfortable control of the air conditioning system. Values are displayed in large, easy-to-read figures.

Energy-efficient control of room air quality

An integrated timer switches the air conditioning on and off according to use. The internal temperature sensor eliminates the need for additional sensors in rooms. The Modbus RTU interface completes the spectrum of the NRFC4. This communication protocol enables, for example, integration into a building management system for simple commissioning and monitoring of the installation. This ensures energy-efficient control of indoor air quality based on precise ambient values and demand.

The NRFC4 is available now. Get in touch with our Sales Department.

About SAUTER

As the leading provider of solutions for building automation technology in Green Buildings, SAUTER ensures good climate conditions and a sense of well-being in sustainable environments. SAUTER is a specialist in developing, producing and marketing products and systems for energy-efficient total solutions and offers a comprehensive range of services to ensure the energy-optimised operation of buildings. Our products, solutions and services enable high energy efficiency throughout the entire life-cycle of a building – from planning and construction through to operation – in office and administrative buildings, research and educational facilities, hospitals, industrial buildings and laboratories, airports, leisure facilities, hotels and data centres. With over 100 years' experience and a track record of technological expertise, SAUTER is a proven system integrator that stands for continuous innovation and Swiss quality. SAUTER provides users and operators with an overview of energy flows and consumption, and therefore of the development of the costs involved.

The SAUTER Group

- Company active worldwide with headquarters in Basel, Switzerland
- Founded in 1910, it is built on more than 100 years of tradition and experience
- With more than 2,700 employees, it is present and active globally
- Complete building management solutions from a single source
- Focus: maximum energy efficiency and sustainability
- Investment protection and operational reliability over the entire building life-cycle
- Technology leader in the building automation and system integration sector

- Member of eu.bac, BACnet Interest Group (BIG-EU), BACnet International, EnOcean Alliance
- Excellent references available at www.sauter-controls.com