

WIDE VARIETY AND HIGH ENERGY EFFICIENCY

Save energy while maintaining a constant room climate

Room thermostats that maximize control accuracy for heating, ventilation and air conditioning (HVAC) applications. siemens.com/room-automation



Smart home automation with **Connected Home**

Connected Home is an easy to integrate, combine and install home ecosystem. Its future-proof technology reduces costs, provides energy savings and requires very little customer support.

The ecosystem is based on Zigbee 3.0, making it versatile, and easy to integrate and install. Installation is done wirelessly through hub pairing in just a few seconds and it allows for up to 40 IoT devices per hub. For comfort and convenience, everything is controlled at the touch of a button through our sleek, user-friendly app.

Siemens' Connected Home ecosystem makes homes smarter today and will continue to do so tomorrow. It is future proof – able to adapt and connect with more intelligent devices as each home ecosystem expands. This means the technology doesn't just contribute to lower, more sustainable energy consumption; it's itself sustainable and makes homes smarter and lives greener.



- Zigbee 3.0 for reliable and secure communication
- Wireless installation saves time and effort
- Fast hub pairing within three clicks
- Connects up to 40 devices
- Keeps working even if internet connection drops
- Full flexibility with separate heating controls for each room
- Optimized energy consumption saves energy and money
- Smartphone app enables a simple and customizable home automation

This is Connected Home



Connected Home Thermostat

S55772-T113



Connected Home Wireless radiator actuator

S55181-A105



Connected Home Receiver

S55772-T110



Connected Home Hub

S55772-T109



Connected Home Smartphone App

S55772-T114

RDG200 thermostat range

RDG200 thermostat range is communicating wall mounted room thermostats with built-in temperature, humidity and CO₂ sensors, configurable multiple inputs/outputs, and flexible power supply. The RDG200 has been designed for commercial buildings such as hotels, offices, educational buildings, and public places.

One touch Green-Leaf function for highest energy efficiency and comfort

As an all in one device, the RDG200 is the best companion for highest energy efficiency and optimum comfort in the room. It provides energy-saving strategies such as occupancy-based savings via presence detection, and at the same time, it takes care of a healthy and productive indoor climate.

The RDG200 offers room occupants the possibility to put energy efficiency in their hands: Tapping the Green-Leaf button returns room control to energy-optimized operation without loss of comfort. The range offer standalone as well communicating KNX devices.

Modern and slim design

With its slim design it fits in all type of interiors and its easy to clean. Additionally, it is easy to install with the separate mounting plate.

A large screen, understandable icons and a customizable interface fits everyone's need.

Versatile control application coverage

Covers most room HVAC applications:

- Fan Coil (radiator, floor heating, electric heater)
- Universal (chilled/heated ceiling)
- Heat pump (heating/cooling)

Extensive features

- Built-in temperature, humidity and CO₂ sensors for controlling and monitoring your room
- Large choice of output control: On/Off, 3 positions, DC 0...10 V
- Supports KNX protocol, suitable for Synco and Desigo

Highlights

- Fast commissioning
- Modern and slim design
- Preloaded applications
- Standalone and system integrated
- Wide applications and versatile outputs



Very fast commissioning with the free PCT Go application

Installation and commissioning can be done within minutes thanks to the easy to wire mounting plate and several commissioning options like system tools, DIP switches and the smartphone PCT Go app. Based on near-field communication technology (NFC), the PCT Go app provides copy-paste functions from several devices, import and export settings via email or messaging apps and setting-up the devices unpowered while still in the packaging.

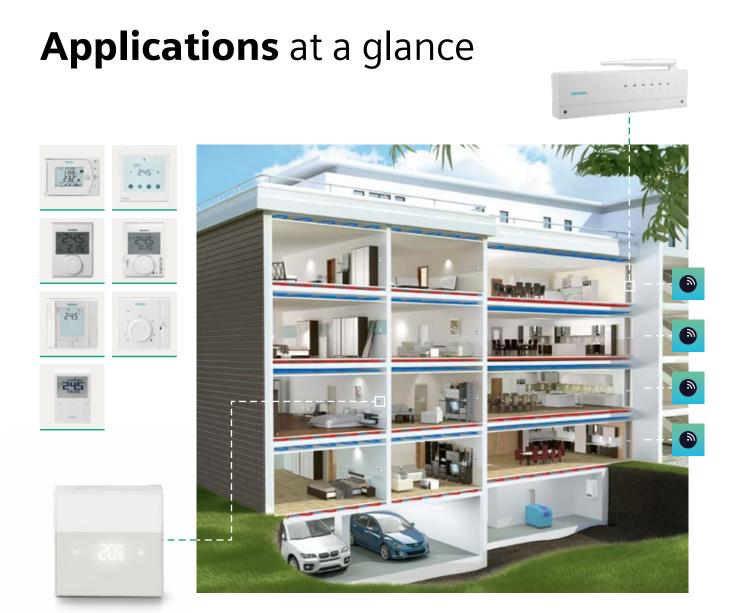
System integration into Desigo, Synco and KNX

The RDG200 thermostat is the ideal solution for cost-competitive projects: it complements Desigo room automation in a scaleable offering and can be easily integrated into Desigo, Synco and KNX 3rd-party systems.

Dedicated features for the commercial buildings

With all its preloaded applications and variety of functions, the RDG200 has a wide range of dedicated features for hotels, office buildings, educational buildings, and public buildings. For example in hotels, the RDG200 can greatly improve the guest experience thanks to its simple, intuitive one-touch operation and universal language with only icons.

siemens.com/rdg200



Energy-efficient room temperature control

For typical applications with radiators and underfloor heating systems, Siemens offers room thermostats with optimized PID control and self-learning programs. In addition, special variants support applications for domestic hot water and electrical heating systems – with control of up to 16 A. Multifunctional inputs allow activation of functions like dew point monitoring, window contact and remote changeover, if desired.

Variants with a KNX communication interface make it possible to control the primary system with even greater energy efficiency. Configurable time programs (day/week/vacation) prevent unnecessary energy consumption when rooms are not in use. The Connected Home RDZ100 & RDZ101 ensures the ultimate in home comfort and convenience. Quick and easy to set up directly in the app, this thermostat takes control of your home's temperature from anywhere. With our user-friendly app, it is possible to schedule temperature settings for individual rooms, ensuring that every space in the home is heated according to the user's need, decreasing energy costs.



Fan coil systems

Fan coil systems are especially appropriate for individual room control in hotels and offices.

The wall- or flush-mounted room thermostats control 2/4-pipe fan coil applications directly, even with add-on functions like electrical heating or underfloor heating. Thanks to configurable parameters, the room thermostats can also control different types of equipment (with control signal On/Off, PWM, 3-point and DC) and fans (3-speed/DC signals). Integrated functions like time programs, presence detectors and supply-air temperature limitation automatically optimize energy demand – without sacrificing room comfort.

Thanks to their energy efficiency applications, RDG room thermostats with KNX communication interfaces are eu.bac certified. The RDG200 is a thermostat with a wide range of applications. Quickly and easy commissioned with NFC technology, the thermostat offers a great solution for all types of interiors. Built-in sensors, a Green Leaf function, and a higher energy-efficiency also increases your building's value and decreases energy costs.



Heat pump

From manual operation to automatic control, room thermostats for heat pump applications address the heat pump directly; in other words, they can control and release the pump according to the desired room temperature. This prevents overheating from sun exposure or energy from an external source.

In applications with reversing valves, the room thermostats control compressors in heating or cooling mode with automatic or manual changeover. The configurable parameter for the minimum on and off times prevents damage to the compressor that would result in a shorter service life.





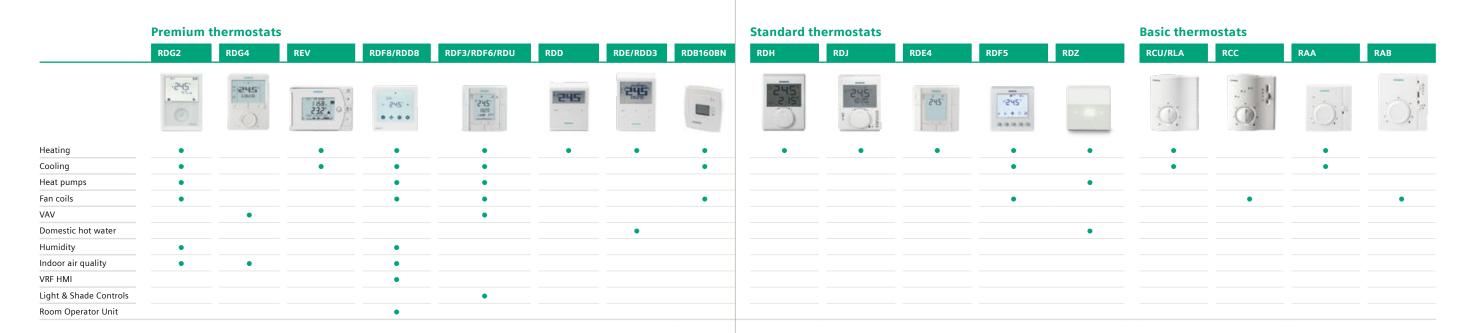


Variable air volume (VAV) systems

Thanks to their selectable control signals, VAV-compatible room thermostats can be connected directly to a variety of devices, including VAV boxes, dampers and VAV compact controllers. The wide range of models also allows users to change settings using control parameters.

As a result, VAV applications can be combined with add-on functions – from electrical heating, radiators and underfloor heating systems to heating/cooling coils. In addition to their basic functions, the room thermostats can also be used to set minimum and maximum limits for the air volume signal. Resetting the damper position on the room thermostat can optimize the primary air control – even in applications with supply and exhaust air. Thanks to KNX communication, the room thermostats can be directly connected to an indoor air-quality sensor and control room comfort even more efficiently.

An **overview** of the room thermostat portfolio



Room thermostats for **VAV and heat pump applications**

| | Ар | Applications | | | | | | Functionalities Outputs Inputs | | | | | | | | | | | | | | | | | Power supply | User interfaces | | | | | | | | | | | |
|---------------------------|--------------|--------------|---|--------------------|---------------------|-----------------|----------------------------|--|-------------------------------|-------------------|--------------------|--|---------------------------------------|--|-----------------------------|-------------------------|----------------------------|-----------------------|----------------------------|---|----------------------|---------------------|------------------------|---|--|--------------------------|-------------------|----------------|--------------------------------------|---|-------------------------|----------------------|-------------|---------------|-----------|------------------------------------|---|
| | Heating only | Cooling only | | neating or cooling | Heating and cooling | 2-stage heating | 2-stage heating or cooling | Cooling or heating and electric heating | Indoor air-quality control | Control algorithm | Flush-mounted unit | Automatic heating/ cooling changeover | Manual heating/ cooling changeover | Vmin, Vmax limitation of supply air | Floor heating Iimitation | Dew point monitoring | Infrared remote control | 7-day time program | Communication interface | | 0n/0ff | WWW : | 3-position DC 010 V | | External air quainty Remote IAQ6) sensor | DC 010 V Operating mode/ | Presence detector | Window contact | Heating/cooling changeover sensor | Remote or return air temperature sensor | External setpoint shift | Power supply | Touchscreen | Setpoint knob | Operating | mode button (B) Digital display | Additional operation selection/remarks |
| Communicating | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RDG405KN | • | • | • | | • | • | | • | • | P/PI | | • | • | • | • | • | | | KNX | (| (1) ¹⁾ (1 | I) ¹⁾ (1 | I) ¹⁾ 1 | • | • | • | • | • | • | • | • 2) | AC 24 V | | • | В | LCI |) |
| Premium | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RDG400 | • | • | | | • | • | | • | | P/PI | | • | • | • | • | • | | | | (| (1) ¹⁾ (1 | I) ¹⁾ (1 | I) ¹⁾ 1 | | | • | | • | • | • | | AC 24 V | | • | В | LCI |) |
| Standard | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RDU340 | • | • | • | | • | • | | • | | P/PI | • | • | • | • | | • | | | | | 1 | | 1 | | | • | | | • | • | | AC 24 V | | • | В | LCI |) |
| Basic | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RCU50.2 | • | • | • | | | | | | | Р | | | • | | | | | | | | | | 1 | | | | | | | | | AC 24 V | | • | | | Heating-off-cooling switch |
| RLA162 | • | • | | | • | • | | | | PI | | | | • 4) | | | | | | | | | 2 | | | | | | | | • 5) | AC 24 V | | • | | | |
| RDZ100 | • | | | | | | | | | PID | | | | | | | | • | | | • | | | | | | | | | | | AA batteries (1.5 V) | | • | | LEC | Smart scenes and automations |
| RDZ101 | • | | | | | | | | | PID | | | | | | | | • | | | • | | | | | | | | | | | AA batteries (1.5 V) | | • | • | LEC | Smart scenes and automations |
| RDG200 line ³⁾ | • | • | • | | • | • | • | • | | 2P/PI | | • | • | | • | • | | • | KNX | (| (3)1) (3 | 3) ¹⁾ (2 | 2)1) | | | • | • | • | • | • | | AC 230 V/ AC 24 V | | • | В | LCI | Commissioning smartphone app, Green Leaf |
| RDF600 line ³⁾ | • | • | • | | • | • | | • | | 2P/PI | • R | • | • | | • | • | • | • | KNX MODBU | | (2) ¹⁾ | (1 | I) ¹⁾ 1 | | | • | • | • | • | • | | AC 230 V | | • | В | LCI | Scheduler buttons, 2 colors: white, black |
| RDF800 line ³⁾ | • | • | • | | • | • | | • | • | 2P/PI | • R | • | • | | • | • | | | KNX | | (2) ¹⁾ | (1 | I) ¹⁾ | | | • | • | • | • | • | | AC 230 V | • | | | LCI | 2 colors: white, black |

Room thermostats for heating and/or cooling applications

| | Appl | icati | ons | | | | | | | | | | Fun | ction | alities | | | | | | | | 0 | utpu | ts | | Inp | uts | | | | Power supply | User | inte | rfac | es | | | | | | |
|---------------------------|--------------|----------|-----|-------------------------------------|-----|------------|---|-------------------------|------------|---|--|-------------------|--------------------|--|---------------------------------------|--------------------------|----------------------|----------------------|--------------------|-----------------|-------------------------|---|--------|-----------------|------------|---------------------------------|-----------------|----------------------------------|--------------------------------------|--|-------------------------|--------------------|--------------------------|-------------|-----------------|-----------------------|----------------|---|---------------------------------------|--------------|---------------------|---|
| | Heating only | <u>~</u> | | Heating and cooling 2-stage heating | - 1 | or cooling | Cooling or heating and electric heating | Heating and independent | output/DHW | Heating and cooling with 6-port control-ball valve | IAQ-CO ₂ monitoring and control | Control algorithm | Flush-mounted unit | Automatic heating/ cooling changeover | Manual heating/ cooling changeover | Floor heating limitation | Dew point monitoring | 24-hour time program | 7-day time program | Radio frequency | Communication interface | V _{min} , V _{max} limitation of supply air | 770.00 | ON/OTT | 3-position | DC 0 10 V | Operating mode/ | remote contact Presence detector | Heating/cooling changeover sensor | Remote or return air temperature sensor | External setpoint shift | Power supply | Remote app ⁵⁾ | Touchscreen | Setpoint Button | Operating mode button | (B)/switch (S) | Digital display (LCD), indicator (LED) | Programming knob and slider switch | Analog clock | Background lighting | Additional operation selection/remarks |
| Communicating | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RDZ100 | • | | | | | | | • | | | | TPI/2P | | | | | | | • | | ZigBee 3.0 | | • | • | | | | | | | | AA batteries | • | | • | | | LED | | | • Sn | nart scenes and automations |
| RDZ101 | • | | | | | | | • | | | | TPI/2P | | | | | | | • | • | ZigBee 3.0 | | | • | | | | | | | | AA batteries | • | | • | | | LED | | | • Sn | nart scenes and automations |
| RDG200KN ³⁾ | • | • | • | • | | • | • | | | • 4) | | 2P/PI | | • | • | • | • | | | | KNX | • | (4 |)1) (4) | 1) (2) | 1) | • | • | • | • | • 2) | AC 230 V/AC 24 V | | | | В | 3 | LCD | | | | mmissioning nartphone app, Green Leaf |
| RDG204KN ³⁾ | • | • | • | • | | • | • | | | • 4) | • | 2P/PI | | • | • | • | • | | | | KNX | • | (4 |)1) (4) | 1) (2) | 1) | • | • | • | • | • 2) | AC 230 V/AC 24 V | | • | • | В | 3 | LCD | | | • Cc | mmissioning |
| RDG260KN ³⁾ | • | • | • | • | | • | • | | | • | | 2P/PI | | • | • | • | • | | | | KNX | • | (2 | 2)1) | | (4) ¹⁾ | • | • | • | • | • 2) | AC 24 V/DC 24 V | | | • | В | 3 | LCD | | | • Cc | martphone app, Green Leaf |
| RDG264KN ³⁾ | • | • | • | • | | • | • | | | • | • | 2P/PI | | • | • | • | • | | | | KNX | • | (2 | 2)1) | | (4) ¹⁾ | • | • | • | • | • 2) | AC 24 V/DC 24 V | | | • | В | 3 | LCD | | | • Cc | martphone app, Green Leaf mmissioning |
| RDD810KN | • | | | | | | | | | | | | • R | | | • | | | | | KNX | | (1 |) ⁶⁾ | | | _ | • | | • | | AC 230 V | | • | | | | LCD | | | sn | artphone app, Green Leaf |
| RDF800KN | • | • | • | • | | | • | | | | | 2P/PI | • R | • | • | | • | | | | KNX | | (2 | | (1) | 1) | | • | • | • | | AC 230 V | | • | | | | LCD | | | | colors: white, black |
| | | | | | | | | | | | | | | | | | | | | | | | - - | | | | | | | | | | | | | | | | | | | |
| Premium | | | | | | | | | | | | | | | | | | | | | | | _ _ | | | | | | | | | | | | | | | | | | | |
| REV13 REV24 | • | | | | | | | | | | | PID 2P/PID | | | | | | • | _ | | | | _ _ | • | | | • | | | | | Battery | | | • | В | | | • | | • | |
| REV24 REV24RF/SET | • | | | | | | | | | | | 2P/PID | | | | | | | • | | | | - - | • | | | • | | | | | Battery Battery | | | | В | | LCD LCD | • | | • | |
| REV34-XA | • | • | | | | | | | | | | PI | | | | | | • | | • | | | - - | • | | | _ | | | | | Battery | | | • | | | LCD | | | • | |
| RDG200 line ³⁾ | | • | • | • | | • | • | | | • | | 2P/PI | | • | • | • | • | | • | | | • | (4 |)1) (4) | | ¹⁾ (4) ¹⁾ | • | • | • | • | • | AC 230 V | | | • | В | | LCD | • | | • Sc | heduler buttons, commis- |
| RDD810 | • | | | | | | | | | | | 2P/PI | • R | | | • | | | | | | | (1) |) | | | | • | | | | AC 230 V | | • | | | | LCD | | | SIC | oning smartphone app |
| RDF800 | | • | | • | | | • | | | | | 2P/PI | • R | • | • | | • | | | | | | (2 | | (1) | 1) | • | • | • | • | | AC 230 V | | • | | | | LCD | | | | colors: white and black |
| 8 | | | | | | | | | | | | 2.,,, | | | | | | | | | | | - (- | ., | (., | | _ | | | | | 710 230 1 | | | | | | | | | | oron or writte and orack |
| Standard | | | | | | | | | | | | | | | | | | | | | | | _ _ | | | | | | | | | | | | | | | | | | | |
| RDD100 | • | | | | | | | | | | | 2P | | | | | | | | | | | - - | • | | | | | | | | AC 230 V | | | • | | | LCD | | | | |
| RDD100.1 | • | | | | | | | | | | | 2P | | | | | | | | | | | _ _ | | | | | | | | | Battery | | | • | В | | LCD | | | | |
| RDD100.1RFS | • | | | | | | | | | | | 2P | | | | | | | | • | | | - - | | | | | | | | | Battery | | | • | В | | LCD | | | ٠. | |
| RDE100 RDE100.1 | • | | | | | | | | | | | TPI/2P | | | | • | | • | | | | | - - | | | | • | | | | | AC 230 V | | | • | В | | LCD LCD | | | | art/Stop optimization art/Stop optimization |
| RDE100.1DHW | • | | | | | | | • | | | | TPI/2P | | | | • | | • | | | | | - - | | | | _ | | | | | Battery Battery | | | • | B R | | LCD | | | | art/Stop optimization |
| RDE100.1RFS | • | | | | | | | | | | | TPI/2P | | | | • | | | • | | | | - - | • | | | • | | | | | Battery | | | • | | | LCD | | | | art/Stop optimization |
| RDD310/EH | • | | | | | | | | | | | 2P | • R | | | · | | _ | | | | | - - | • | | | _ | | | | | AC 230 V | | | | | | | • | | • | 45top optimization |
| RDE410/EH | • | | | | | | | | | | | 2P | • R | | | • | | • | • | | | | - - | • | | | | | | | | AC 230 V | | | • | | | LCD | • | | • | |
| RDJ100 | • | | | | | | | | | | | TPI | | | | | | • | | | | | - - | • | | | | | | | | Battery | | | | S | | | • | | | |
| RDJ100RF/SET | • | | | | | | | | | | | TPI | | | | | | • | | • | | | - - | • | | | | | | | | Battery | | | • | S | | | • | | | |
| RAV11.1 | • | | | | | | | | | | | PID | | | | | | | | | | | | • | | | | | | | | Battery | | | | S | | | | • | | |
| RDH100 | • | | | | | | | | | | | TPI | | | | | | | | | | | | • | | | | | | | | Battery | | | • | | | LCD | | | | |
| RDH100RF/SET | • | | | | | | | | | | | TPI | | | | | | | | • | | | | • | | | | | | | | Battery | | - | • | | | LCD | | | | |
| RDD310/MM | • | | | | | | | | | | | 2P | • | | | | | | | | | | | • | | | | | | | | AC 230 V | | | • | | | LCD | | | | |
| RDD510 | • | | | | | | | | | | | 2P | • | | | | | | | | | | | • | | | | | | | | AC 230 V | | | • | | | LCD | | | • 2 | colors: white, silver |
| RCU10 | | | | • | | | | | | | | 2P/PI | | | | | | | | | | | | (2) | | | • | | | | | AC 230 V | | | | | | | | | | |
| RCU15 | | | • | • | | | | | | | | 2P/PI | | | | | | | | | | | _ (2 | (2) | 7) | | • | | | • | | AC 24 V | | • | | | | | | | | |
| Basic | | | | | | | | | | | | | | | | | | | | | | | _ _ | | | | | | | | | | | | | | | | | | | |
| RAA11 | • | | | | | | | | | | | 2P | | | | | | | | | | | _ | 1 | | | | | | | | AC 23 250 V | | | | | | | | | | |
| RAA21 | • | | | | | | | | | | | 2P | | | | | | | | | | | _ _ | 1 | | | | | | | | AC 23 250 V | | | | | | | | | | |
| RAA31 | • | | | | | | | | | | | 2P | | | | | | | | | | | _ | 1 | | | | | | | | AC 230 V | | | | | | | | | | n/Off switch |
| RAA31.16 | • | | | | | | | | | | | 2P | | | | | | | | | | | _ _ | 1 | | | | | | | | AC 230 V | | • | | | | LED | | | | n/Off switch |
| RAA31.26 | • | | | | | | • | • | | | | 2P | | | | | | | | | | | _ _ | 2 | | | | | | | | AC 230 V | | | | | | LED | | | | n/Off switch |
| RAA41 | | | • | | | | | | | | | 2P | | | • | | | | | | | | 1 | 1 | | | | | | | • | AC 23 250 V | | • | | | | | | | He | ating-off-cooling switch |

¹⁾ Either On/Off, 3-position, PWM or DC signal 2) External setpoint shift via KNX 3) RDG200 line (fan coil) thermostats are also suited for chilled ceiling and radiator applications for CO₂ monitoring and control For detailed information, refer to the fan coil overview.

4) Only possible with communicating 6-port control ball valves 5) For operating, monitoring, and setting extended functions, like the time program 6) SPDT relay with both NO and NC output, accepts AC 24...230 V input (X): X = number of outputs R = round flush-mounted box 7) Either On/Off or PWM

10

Room thermostats for fan coil applications

| | Applications | Functionalities | Outputs | Inputs Power | supply User interfaces |
|------------------------|---|--|---|---|---|
| | 2-pipe/heating only 2-pipe/cooling only 2-pipe/heating or cooling 2-pipe with electric heater 2-pipe with radiator 4-pipe with electric heater 4-pipe with electric heater 4-pipe with 6-port valve 2-stage heating or cooling Air humidity control | Control algorithm M/S, Manager/Subordinate Flush-mounted unit Manual heating/ cooling changeover Automatic heating/ cooling changeover Floor heating limitation Manual fan speed Off/1/11/111 Automatic fan control 3- or 1-stage fan DC 010 V fan control Ventilation function 7-day time program Fan function enable/ disable Infrared remote control | Communication interface On/Off PWM 3-position DC 010 V | KNX sensor Built-in CO ₂ sensor Multifunctional inputs Operating mode changeover contact Presence detector Return air temperature sensor Heating/cooling changeover sensor | Touchscreen Setpoint knob Setpoint button Fan speed switch Fan speed button Operating mode button Display (LCD), indicator (LED) Background lighting Additional operation selection/remarks |
| Communicating | ı | | | | |
| RDG200KN ⁸⁾ | • • • • • • • • | 2P/PI • • • • • • • | KNX (4)1) (4)1) (2)1) | • • • • AC 230 | //AC 24 V • LCD • PCT Go ⁷⁾ , Green Leaf |
| RDG204KN | | 2P/PI • • • • • • • • • • • • • • • • • • • | KNX (4) ¹⁾ (4) ¹⁾ (2) ¹⁾ | • • • • • AC 230 | //AC 24 V • LCD • PCT Go ⁷⁾ , Green Leaf |
| RDG260KN ⁸⁾ | • • • • • • • | 2P/PI • • • • • • • | KNX (2) ¹⁾ (4) ¹⁾ | | ■ LCD ■ PCT Go ⁷⁾ , Green Leaf |
| RDG264KN | | 2P/PI • • • • • • • • • • • • • • • • • • • | KNX (2) ¹⁾ (4) ¹⁾ | | C 24 V • LCD • PCT Go ⁷⁾ , Green Leaf |
| RDF600KN | | 2P/PI • R • • • • • • • • • • • • • • • • • | KNX (2) ¹⁾ (1) ¹⁾ | | LCD 2 colors: white, black |
| RDF600KN/S | | 2P/PI | KNX (2) ¹⁾ (1) ¹⁾ | | LCD 2 colors: white, black |
| RDF660MB/MM | • • • | 2P/PI • R • • • • • • • • • • • • • • • • • | Modbus (2) ¹⁾ (1) ¹⁾ | • • • AC 2 | 30 V • • LCD • display temp via bus instead of in-built temp |
| RDF660MB | • • • • | 2P/PI • R • • • • • • • | Modbus (2) ¹⁾ (1) ¹⁾ | • • • • AC 2 | 30 V • • LCD • display temp via bus instead of in-built temp |
| RDF800KN | | 2P/Pl •R • • • • | KNX (2) ¹⁾ (1) ¹⁾ | • • • • AC 2 | . LCD • 2 colors: white, black |
| RDF302 | | 2P/Pl • • • • • • | Modbus (2) ¹⁾ (1) ¹⁾ | | 30 V • LCD • 2 colors: white, black |
| RDF302.B | | 2P/P1 • • • • • • | Modbus (2) ¹⁾ (1) ¹⁾ | | 30 V • LCD • 2 colors: white, black |
| Premium | | | | | |
| RDG200T ⁴⁾ | • • • • • • • | 2P/PI • • • • • • • • • • • • • • • • • • • | (3)1) (2)1) (2)1) | • • • AC 2 | • LCD • PCT Go ⁷⁾ , scheduler buttons |
| RDG260T ⁴⁾ | _ • • • • • • • | 2P/PI • • • • • • • • • • • • • • • • • • • | (2)1) (2)1) | | • LCD • PCT Go ⁷⁾ , scheduler buttons |
| RDG100 | _ • • • • • • • | 2P/PI • • • • • | (3)1) (2)1) (2)1) | | 30 V • LCD • |
| RDG110 | _ • • • • • • • • • • • • • • • • • • • | 2P • • • • • | (2) | | ● LCD ● |
| RDF600 | _ • • • • • | 2P/PI | (2)1) (1)1) | | ● LCD ● |
| RDF600T | _ • • • • | 2P/PI | (2)1) (1)1) | | SOV • LCD • Scheduler buttons |
| RDF660T | _ • • • • | 2P/PI • R • • • • • • • • • • • • • • • • • | (2)1) (1)1) | | 30 V • LCD • Scheduler buttons |
| RDF800 | | 2P/PI • R • • • • • • • • • • • • • • • • • | (2)1) (1)1) | | 130 V LCD • |
| RDF300.02 | | 29/91 | (2)1) (1)1) | | 230 V LCD 2 colors: white, black |
| RDF340 RDB160BN | | 2P/PI • • • • • • • • • • • • • • • • • • • | BACnet (2) ¹⁾ (2) ¹⁾ (1) ¹⁾ (2) ¹⁰⁾ MS/TP | | 24 V • LCD • LCD • |
| | | | | | |
| Standard | | | | | |
| RDF310.2/MM RDF510 | • • • | 2P • • • • • • • • • • • • • • • • • • • | (1) | | 30 V LCD Heating-cooling button LCD Heating-cooling button LCD Heating-cooling button 4 colors: white, silver, gold, black |
| RDF530 | • | 2P • • • • • | (2) | AC 2 | SOV • LCD • Heating-cooling button 4 colors: white, silver, gold, black |
| RCC10 | • • • | 2P • • | (1) | • • AC 2 | 30 V • LCD |
| RCC20 | • | 2P • • | (2) | • • AC 2 | 30 V • LCD |
| RCC30 | • • | 2P • | (2) | • • AC 2 | 30 V • LCD |
| Basic | | 20 | (0) | | 2501/ |
| RAB11 RAB11.1 | • • • | 2P • • • • • • • • • • • • • • • • • • • | (1) | | 250 V • Heating-cooling-CO switch 250 V • Ventilation- heating-cooling switch |
| RAB21 | • • • | 2P • • | (1) | AC 24 | 250 V • • |
| RAB31 | | 2P • • • | (2) | AC 24 | |
| RAB31.1 | • • | 2P • • • | (1) | | 250 V • Heating-ventilation-cooling-CO switch |
| RAB91 | | No • • | | AC 24 | 250 V |

¹⁾ Either On/Off, 3-position, PWM or DC signal (optional between given output signals) 2) DC 0 ... 10 V fan control 3) Either return air temperature sensor or heating/cooling changeover sensor 5) Switch program can be turned off 6) Possible also with combi-valve (PICV) and 6-port ball valve as changeover (X): X = number of outputs R = round flush-mounted box 7) PCT Go, Commissioning smartphone app for RDG 200 range 8) Available also in black color, as RDG2..KN/BK 9) Forced ventilation 10) Only one DC 0 ... 10 V output is available when DC 0...10 V fan control is used

Published by Siemens Switzerland Ltd

Smart Infrastructure Global Headquarters Theilerstrasse 1a 6300 Zug Switzerland Tel +41 58 724 24 24

For the U.S. published by Siemens Industry Inc.

100 Technology Drive Alpharetta, GA 30005 United States Smart Infrastructure combines the real and digital worlds across energy systems, buildings and industries, enhancing the way people live and work and significantly improving efficiency and sustainability.

We work together with customers and partners to create an ecosystem that both intuitively responds to the needs of people and helps customers achieve their business goals.

It helps our customers to thrive, communities to progress and supports sustainable development to protect our planet for the next generation.

siemens.com/smart-infrastructure

(Status 06/2023)

Subject to changes and errors. The information given in this document only contains general descriptions and/or performance features which may not always specifically reflect those described, or which may undergo modification in the course of further development of the products. The requested performance features are binding only when they are expressly agreed upon in the concluded contract.

© Siemens 2023