



Regio Room Controllers

Zone control on every level with comfort and style

READY STEADY GO



THE CHALLENGER IN BUILDING AUTOMATION



Zone control on every level...

Regio is a new range of room controllers for HVAC systems and other zone applications.

Optimal flexibility

Regio covers every need – from stand-alone control of an individual zone to control of lighting, blinds, humidity, CO₂ monitoring, etc in several zones in integrated systems including SCADA.

Regio also offers web and Internet solutions. Temperature and other functions in a room can be individually controlled from a PC connected to the office network.

Regio is the ultimate solution in buildings such as offices, schools and hotels, where you want optimal comfort and a low energy consumption without large investments.

Regio Mini
The smart solution for stand-alone control



Regio Midi
Pre-programmed with built-in communication



Regio Maxi
Freely programmable with communication and web interface



PC with browser





Regio Mini Pre-programmed room controllers

The stand-alone version, Regio Mini, is designed for control of heating and cooling in a single zone or a room. A system consists of different control units and a relay box. The control units are pre-programmed, but can be configured for a specific application by using the display and switches. (However, the default setting is in most cases applicable.)

The control units have built-in temperature sensors. An external temperature sensor can also be connected.

Controllers Heating and Cooling



*RC-DO
Room Unit
Display,
Occupancy*

*RC-O
Room Unit
Occupancy*

*RC
Room Unit*

*RC-H
Room Unit
Hidden Set-point*

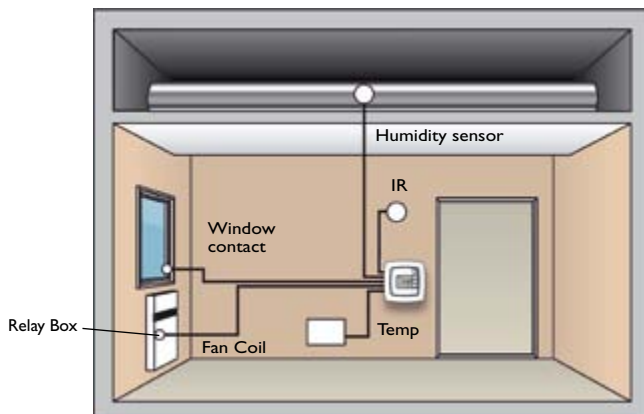
Controllers Fan Coil



*RC-DFO
Room Unit
Display,
Occupancy,
Fan*

*RC-FO
Room Unit
Occupancy,
Fan*

*RC-F
Room Unit
Fan*



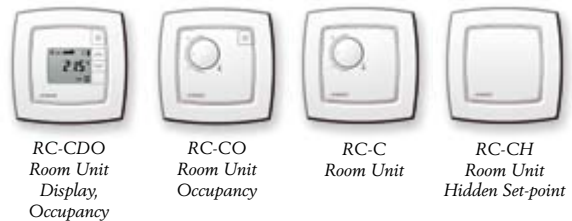


Regio Midi Pre-programmed room controllers with communication

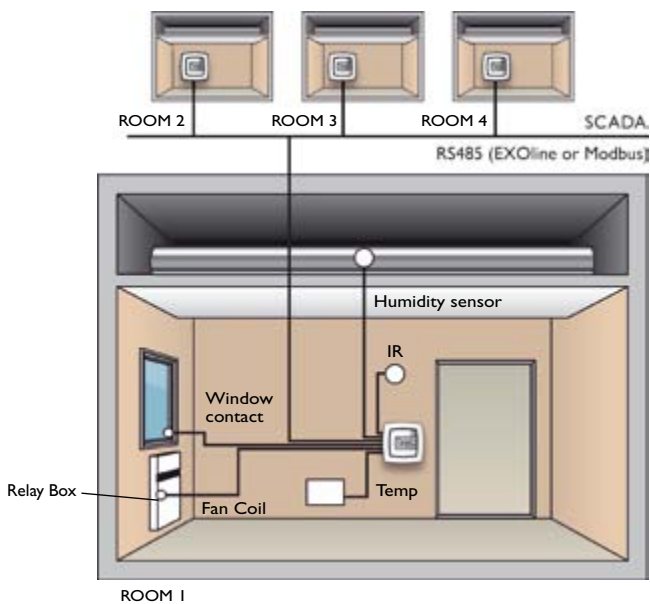
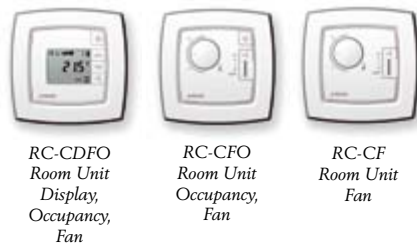
Regio Midi has basically the same set-up as the stand-alone version. However, every individual zone system in every room can be connected to a bus line enabling communication with a central SCADA system via RS485 using EXOline or Modbus.

The room controllers are pre-programmed but can be configured with our software Regio tool® to suit specific needs (free of charge – can be downloaded via www.regin.se).

Controllers Heating and Cooling



Controllers Fan Coil



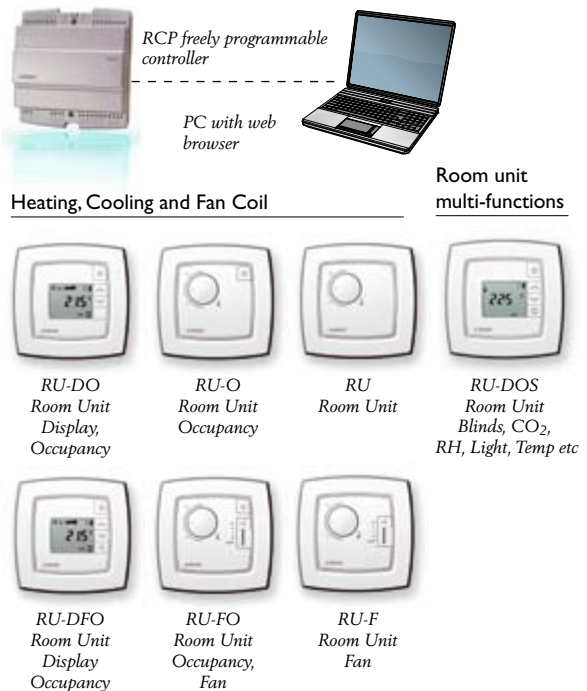
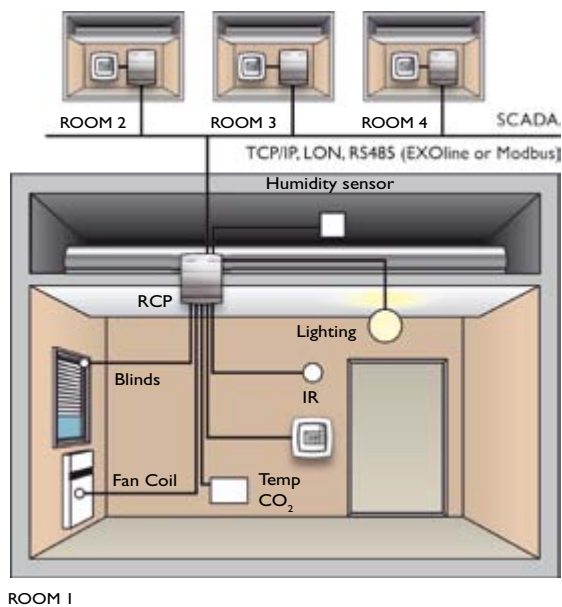
Regio tool® – For easy and fast configuration of Midi and Maxi with a PC.
For more information, please see: www.regin.se



Regio Maxi Programmable room controller with communication RS485, TCP/IP and LON

Regio Maxi is based on a freely programmable room controller (RCP) handling all the inputs and outputs in a system. The controller is pre-programmed, but can be configured with our software tool. The room units, connected to the room controller, have built-in temperature sensors (can be equipped with external sensors). Regio Maxi can be integrated with bus systems like LON, Modbus

and EXOline. Communication is maintained via RS485 or TCP/IP enabling each separate room to be controlled from a PC with a web browser. With this solution there is no need for room units, which keeps the investment down. Another advantage is that it is easy to individually control the conditions in a room from the PC.





All you need for perfect zone control

Web based system

Our web based solutions, which are based on our freely programmable room controller, give you access to the zone system via a PC with a web browser (Internet Explorer). All the parameters can be read and the setpoints can be changed in the graphical user interface.

No room units are needed, which simplifies installation and reduces the investment cost.

EXO4 – SCADA

EXO4 is a Windows based SCADA program for building automation. With EXO4, you can easily create a system that covers all your needs. The software you need to create a Regio system is included.

EXOopc Driver

EXOopc Driver, which is based on an open standard, makes it possible to connect Regio room controllers to SCADA systems of different brands. EXOopc Driver supports all media types for communication with the zone system.

Line splitters

When multiple Regio systems in different zones/rooms are integrated in a comprehensive SCADA system, you need many communication lines to achieve efficient and manageable communication. In such cases, you can use our EXOline 485-TCP/IP line splitter.

Valves, actuators and sensors

Regin has one of the most extensive ranges of zone control products in the business. Many products are based on our Ready-Steady-Go concept, which makes installation and commissioning easy.





...with stylish design

Regio has a modern design and a subtle elegance that enhances many environments.

Applications:

- Chilled ceilings and radiators
- Fan-coil systems
- VAV-system
- Control and monitoring of room temperature, air quality and humidity as well as control of lighting and blinds.

Key features:

- Stand-alone or part of a system
- Pre-configured for immediate operation
- Heating, cooling or combined
- Communication via EXOline TCP/IP or RS485, Modbus RS485 and LON
- Software Regio tool® for easy configuration
- Comprehensive product portfolio



READY STEADY GO

Regio has been developed according to our Ready-Steady-Go concept, which simplifies every step from installation to management



product
design
award

2007



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