

## Regio - Room Controller / Thermostat



- Regio is a line of room controllers which can handle a great variety of applications, e.g. heating and cooling, ventilation, lighting, humidity, CO<sub>2</sub>, fans and blinds. With Regio, you can create anything from stand-alone systems for managing the functions in one room to large integrated SCADA systems.
- Regio has following 3 series:
  - Regio maxi (Freely programmable Thermostats with communication and web interface)
  - Regio midi (Pre-programmed Thermostats with communication)
  - Regio mini (Pre-programmed Stand alone Thermostats)
- Regio tool software for PC monitoring
- Award winning design in International Forum

### Regio Maxi ( Freely Programmable Thermostats with communication / web interface)



**F = Fan control (3-speed)**  
**T = TCP/IP communication**

#### Inputs/outputs (I/Os)

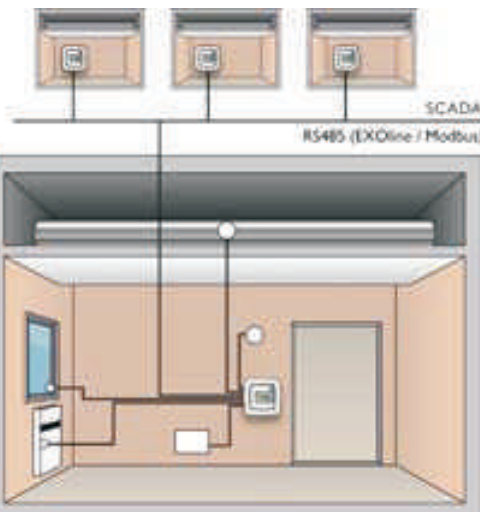
	RCP100 / RCP100T	RCP100F / RCP100FT	RCP200 / RCP200T	RCP200F / RCP200FT
AI	2	2	2	2
DI	3	3	3	3
CI	1	1	1	1
AO	-	-	2	2
DO, 230 V AC relay for fan control	-	-	3	3
DO, 24 V AC	4	4	2	2
Total number of I/Os	10	13	10	13

#### Models with communication via RS485 (Modbus or EXOLine) /TCP

Type	Fan control	Output signal	Can be combined with
RCP100/T	-	3-point or on/off	RU, RU-O, RU-DO, RU-DOS
RCP100F/FT	Yes	3-point or on/off	RU-F, RU-FO, RU-DFO, RU-DOS
RCP200/T	-	0...10 V DC	RU, RU-O, RU-DO, RU-DOS
RCP200F/FT	Yes	0...10 V DC	RU-F, RU-FO, RU-DFO, RU-DOS



### Regio Midi ( Pre-programmed Room Thermostats with communication)



Regio Midi are controllers with a built-in sensor and an RS485 communication port. Controllers in different rooms can be connected to a bus line enabling communication with a central SCADA system via RS485 (EXOLine or Modbus).

**C = Communication, EXOLine or Modbus**      **D = Display**      **F = Fan control (3-speed)**  
**H = Hidden setpoint**      **O = Occupancy button**      **T = 3-point output**  
**C (at the end) = CO<sub>2</sub> input**

#### Models with 0...10V DC, on/off or 3-point output with communication

Type	Display	Occupancy button / Forced ventilation	Fan control	Setpoint knob	Hidden setpoint	Output
RC-C	-	-	-	Yes	-	0...10 V DC or on/off
RC-CO	-	Yes	-	Yes	-	0...10 V DC or on/off
RC-CH	-	-	-	-	Yes	0...10 V DC or on/off
RC-CDO	Yes	Yes	-	-	-	0...10 V DC or on/off
RC-CF	-	-	Yes	Yes	-	0...10 V DC or on/off
RC-CFO	-	Yes	Yes	Yes	-	0...10 V DC or on/off
RC-CDFO	Yes	Yes	Yes	-	-	0...10 V DC or on/off
RC-CDOC	Yes	Yes	-	-	-	0...10 V DC or on/off
RC-CTH	-	-	-	-	Yes	3-point
RC-CT	-	-	-	Yes	-	3-point
RC-CTO	-	Yes	-	Yes	-	3-point
RC-CDTO	Yes	Yes	-	-	-	3-point