



RC-H



RC, RC-T

RC-O,
RC-TO

RC-DO, RC-DTO



RC-F



RC-FO



RC-DFO

Regio Mini – Pre-programmed room controllers

Stand-alone controllers for control of heating and cooling in a single zone or room

The Regio Mini controllers are pre-programmed and can be configured for a specific application via the display or dials (in most cases, though, the default settings can be applied). The controllers have a built-in temperature sensor. Alternatively, an external temperature sensor can be connected.

RC is the basic model. The other models have various functions, indicated by the letters in the product name: D = Display, F = Fan control (3-speed), H = Hidden setpoint, O = Occupancy button, T = 3-point output

Technical data	
Supply voltage	18...30 V AC, 50...60 Hz
Power consumption	2.5 VA
Ambient temperature	0...50°C
Storage temperature	-20...+70°C
Built-in temperature sensor	0...50°C NTC linearised 15 kΩ
Accuracy	±0.5°C at 15...30°C
Mounting	Room
Protection class	IP20
Inputs	
Analogue inputs (AI)	PT1000, 0...50°C
Condensation input (CI)	Input for Regin's condensation detector KG-A/1
Digital inputs (DI)	Closing potential-free contact
Universal inputs (UI)	Analogue input (AI), PT1000 sensor, 0...100°C or digital input (DI)
Outputs	
Digital outputs (DO)	24 V AC, max. 0.5 A.
Universal outputs (UO)	Digital output (DO) 24 V AC, max. 2.0 A or analogue output (AO), 0...10 V DC, max. 5 mA
+C power output for DI only	24 V DC, max. 10 mA, short circuit-protected

Inputs/outputs (I/O:s)

Article	AI	DI	UI	DO	UO	Total number of I/O:s	Notes
RC	1	2	1	1	2	7	
RC-O	1	2	1	1	2	7	
RC-H	1	2	1	1	2	7	
RC-DO	1	2	1	1	2	7	
RC-F	1	2	1	4	2	10	
RC-FO	1	2	1	4	2	10	
RC-DFO	1	2	1	4	2	10	
RC-T	1	2	1	5	-	9	
RC-TO	1	2	1	5	-	9	
RC-DTO	1	2	1	5	-	9	

Model overview

Article	Occupancy button /Forced ventilation	3-step fan control	Setpoint knob	Hidden setpoint	Output	Display	Notes
RC	-	-	X	-	0...10 V DC or on/off	-	
RC-O	X	-	X	-	0...10 V DC or on/off	-	
RC-H	-	-	-	X	0...10 V DC or on/off	-	
RC-DO	X	-	-	-	0...10 V DC or on/off	X	
RC-F	-	X	X	-	0...10 V DC or on/off	-	
RC-FO	X	X	X	-	0...10 V DC or on/off	-	
RC-DFO	X	X	-	-	0...10 V DC or on/off	X	
RC-T	-	-	X	-	3-point	-	
RC-TO	X	-	X	-	3-point	-	
RC-DTO	X	-	-	-	3-point	X	