

Technical data

Supply voltage	18...30 V AC, 50 / 60 Hz
Power consumption	25 mA
Protection class	IP20
Ambient humidity	Max. 90% RH (non-condensing)
Ambient temperature	0...50°C
Storage temperature	-20...+70°C
Mounting	Room

Technical data, built-in temperature sensor

Temperature sensor	NTC type
Temperature range	0...50°C
Accuracy	±0.5°C at 15...30°

Technical data, built-in CO₂ sensor (ED-RU-DOCS only)

Temperature dependence	5ppm per °C or 0.5 % of the reading per °C (whichever is greater)
Long term stability	< 2 % of FS over life of sensor (15 years typical)
Response time	< 3 min. for 90 % step change typical
Warm-up time	<2 min. (operational), 10 min. (maximum accuracy)
Measuring principle	NDIR (Non-Dispersive Infrared Technology)
Measuring range CO₂	0...5000 ppm
Accuracy	400...5000 ppm ±25 ppm ± 3 % of the reading
Signal update	Every 5 seconds



This product carries the CE-mark. More information is available at www.regincontrols.com.

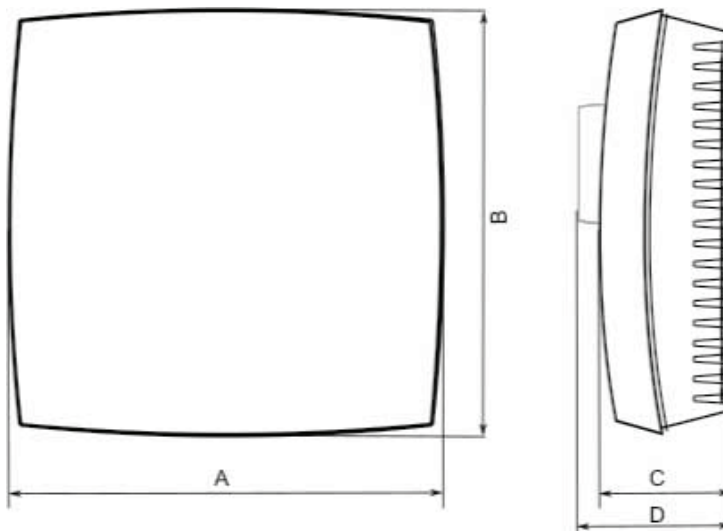
Material

Material, housing	Polycarbonate, PC
Colour	Signal white RAL 9003

Models and functions

Article	Occupancy button	3-step fan control	Built-in CO ₂ sensor	Setpoint knob	Multi-function button	Hidden setpoint	Display
ED-RU	-	-	-	Y	-	-	-
ED-RU-O	Y	-	-	Y	-	-	-
ED-RU-F	-	Y	-	Y	-	-	-
ED-RU-FO	Y	Y	-	Y	-	-	-
ED-RU-DO	Y	-	-	-	-	-	Y
ED-RU-DFO	Y	Y	-	-	-	-	Y
ED-RU-DOS	Y	-	-	-	Y	-	Y
ED-RU-H	-	-	-	-	-	Y	-
ED-RU-DOCS	Y	-	Y	-	-	-	Y

Dimensions



Model	A	B	C	D
ED-RU	95	95	-	31
ED-RU-O	95	95	-	31
ED-RU-F	95	95	-	31
ED-RU-FO	95	95	-	31
ED-RU-DO	95	95	28	-
ED-RU-DFO	95	95	28	-
ED-RU-DOS	95	95	28	-
ED-RU-H	95	95	28	-
ED-RU-DOCS	95	95	38	-

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Documentation

All documentation can be downloaded from www.regincontrols.com.