

CO₂ sensor for TS-HRVU / TS-ERVU

- cod. ACD200077



DESCRIPTION

The HRVU MVHR control is a device for measuring air quality in a residential environment. The device measures indoor air quality (IAQ) and sends the data via RF to the ventilation unit. The ventilation unit activates ventilation according to the set operating mode.

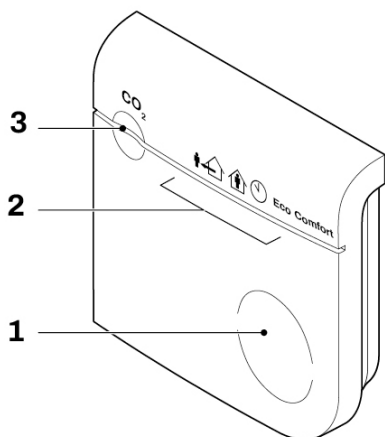
TECHNICAL SPECIFICATIONS

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Dimensions [mm]	100x100x25 mm
Weight	±125 g
Operating temperature	0°C ÷ 40°C
Storage and shipping temperature	-20°C ÷ 55°C
Relative humidity	0-90% (without condensation)
Protection rating	IP30
Power supply	195 - 253 Vac, 50 Hz - Class 2
Power consumption	4 VA
Cable diameter	from 0,25 to 2,5 mm ²
Wireless connection frequency	868.3 MHz
Wireless connection power	at least 0 dBm (*)
CO ₂ measurement range	400÷2000 ppm
CO ₂ measurement accuracy (within optimal limits)	40 ppm + 2% of reading at 20°C
Stability of CO ₂ measurement	2 minutes

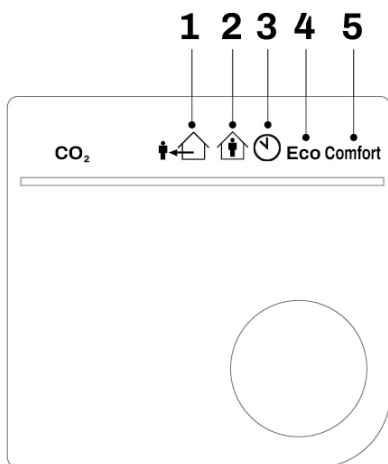
(*) It is not permitted to use the device outside of Europe.

REFERENCES

1. Touch button
2. Operating mode LED
3. Status LED



OPERATING MODE



1. Reduced speed: this function is ideal for keeping the environment healthy when not in use.
2. Minimum speed: this function ensures minimum air recirculation under normal operating conditions.
3. Timer Maximum speed: this function has a limited duration of 30 min. and is used in extreme conditions to force recirculation at maximum air speed.
4. AUTO ECO mode: this function adjusts the speed from the minimum to the maximum, based on the detected CO₂ values, in ECO mode.
5. AUTO COMFORT mode: this function adjusts the speed from the minimum to the maximum, based on the detected CO₂ values.

ITEMS

CODE	DESCRIPTION
ACD200077	

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