

Climate controller KST-20 Vento/RN

Multifunctional climate controller KST-20 Vento for intelligent ventilation and dehumidification

- ☑ Automatic, controlled climate controller with aH-controlled technology
- ☑ Combined monitoring of room humidity and radon
- ☑ Separate connections for supply and exhaust air elements up to 500W
- ☑ Applicable in commercial, private and industrial rooms
- ☑ Display and operating keys, indicating the configuration of the measured values and parameters



Technical data

Characteristics

Power supply	230V AC
Dimensions	160x90x50mm (LxWxH)
Housing	ASA+PC (UL94 V-0), white, flame-retardant
Protection class	IP65
Mounting	wall mounting

Operating conditions

Operating temperature	0...50°C
EMC / ESD	EN 50082-1, EN 50082-2

Measuring ranges of humidity and temperature

Measuring range humidity	0...100% rH
Accuracy humidity	± 2%
Measuring range temperature	-40...+80°C
Accuracy temperature	± 0.2°C
Signal output	I ² C
Measuring range Radon	0...1200 Bq/m ³
Adjustable limits	0...1000Bq/m ³

*aH-Controlled technology:

- ☑ Comparison of the absolute humidity in the interior and the exterior via climate sensors
- ☑ Only drier outside air is brought inside
- ☑ Automatic, needs-based actor control for room dehumidification

Technical modifications reserved

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Connectivities

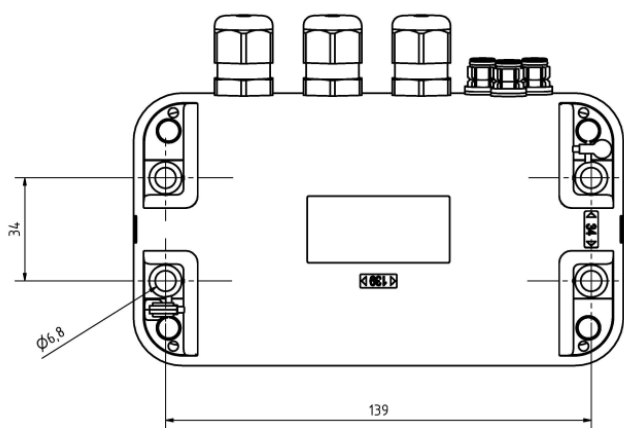
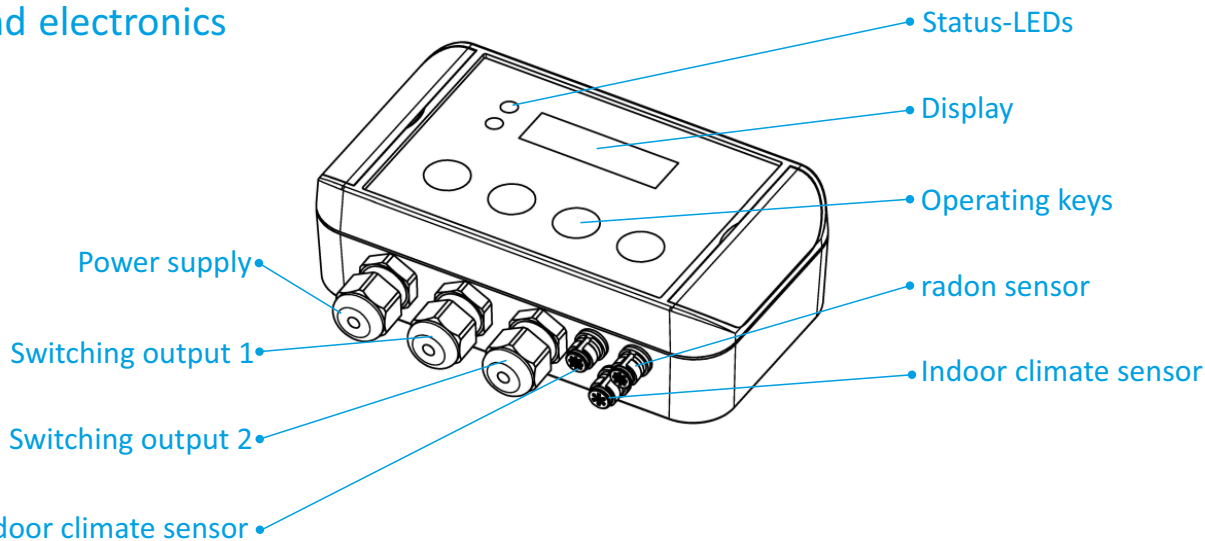
- ☑ Separate connections of supply and exhaust air elements up to 500 W max
- ☑ Alternatively, there is the possibility to connect the following devices
 - ☑ 1-step fans
 - ☑ 2-step fans
 - ☑ Speed-controlled ventilators (0...10VDC)
 - ☑ 230V engine-operated window openers
 - ☑ 12V ventilation valves

Operating modes & features

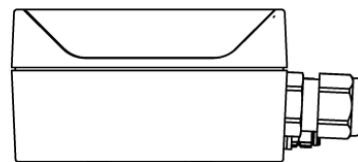
- ☑ freely adjustable radon limits
- ☑ Room dehumidification depending on the absolute humidity
- ☑ controlled ventilation when radon limits are exceeded
- ☑ Protection against drying
- ☑ Protection against freezing
- ☑ Time switch with active and passive times

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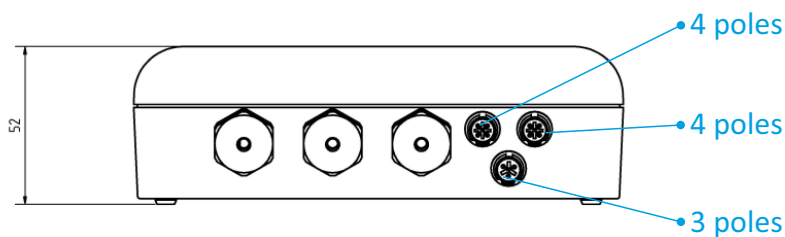
Housing and electronics



Rear view



Lateral view



Connections

Order

Scope of delivery

Climate controller KST-20 Vento
Indoor climate sensor
Separate outdoor climate sensor with a 10m cable
Separate radon sensor with a 2,5m cable
Power cord
Manual

Options for your order

Separate indoor climate sensor with a 2.5m, 5m or 10m cable
Separate radon sensor with a 2,5m, 5m or 10m cable

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