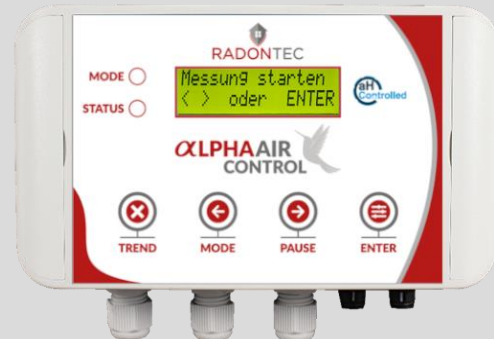


RadonTec AlphaAirControl



The **AlphaAirControl** is a multifunctional climate control system for intelligent ventilation, dehumidification and cooling of rooms in accordance with DIN 1946-6.

It can be optionally equipped with CO2 or radon sensor.



Our new **AlphaAirControl control** unit is an intelligent measurement and control system that uses radon measurement and differential humidity comparison to automatically ventilate the basement and souterrain. The radon ventilation reduces the contamination of the indoor air with radon and humidity sustainably and in the long term.

In addition to the sensor for radon, the **AlphaAirControl** also has an indoor and outdoor climate sensor. By permanently measuring the radon concentration and the humidity difference between the outdoor and indoor climate, the radon ventilation system decides independently whether a ventilation process is necessary and beneficial. Thereupon, the device automatically controls different actuators such as fans, elec. Window openers and other actuators. Particularly noteworthy is the adjustable radon limit value and other parameters via the display and control buttons. Furthermore, complete systems including suitable fans for different room sizes are available.

Power supply	230 V AC
Dimensions	160x90x50mm (LxWxH)
Housing	ASA+PC (UL94 V-0), white, flammable
Protection class	IP65
Mounting type	Wall mounting
Operating temperature	0...50°C
EMC / ESD	EN 50082-1, EN 50082-2
Measuring range humidity	0...100% rH
Measuring accuracy humidity	± 2%
Measuring range temperature	-40...+80°C
Measuring accuracy temperature	± 0,2°C
Signal output	I2C