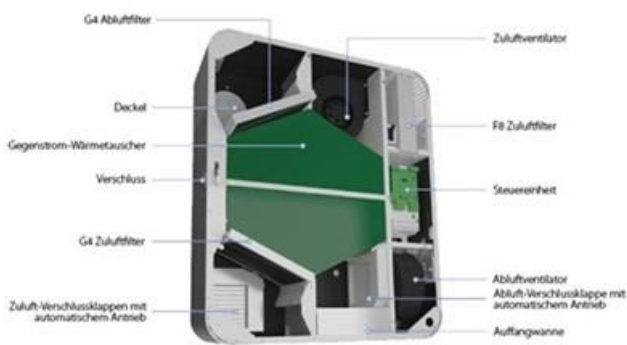


RadonTec AlphaFreshbox 100

The **AlphaFreshbox 100 WiFi** is a decentralized ventilation system with heat recovery for rooms with a maximum size of 100m². The device can be integrated into the WiFi network and controlled via an app. Since the supply and exhaust air can be controlled separately, the device is **suitable for the ventilation of rooms with increased radon concentration**. The device is optionally expandable with our **radon sensor AlphaSensor**. The areas of application of the AlphaFreshbox are single-family homes, offices, hotels, cafes, conference halls and other residential and commercial spaces.



Max. Delivery rate	30 m ³ /h	44 m ³ /h	60 m ³ /h	75 m ³ /h	100 m ³ /h
Supply voltage, V/50 (60)	1~ 230 Hz				
Max. Fan power consumption	20 W	23 W	29 W	37 W	53 W
Sound pressure level at a distance of 3 m	13 dBA	20 dBA	27 dBA	33 dBA	39 dBA
Power consumption of preheating coil	700 W				
Max. Power consumption of the ventilation system	3,6 A				
Conveying medium temperature	-20 to +40 °C				
Material of the casing	Painted steel				
Insulation	10 mm (foamed rubber)				
Efficiency of heat recovery	96 %	94 %	89 %	85 %	83 %
Type of heat exchanger	Countercurrent heat exchanger				
Heat exchanger material	Enthalpy membrane				
Supply air filter	G4, F8 (optional: F8 activated carbon, H13)				
Exhaust air filter	G4				
Diameter of the connection spigot	Ø 100 mm				
Weight	31 kg				