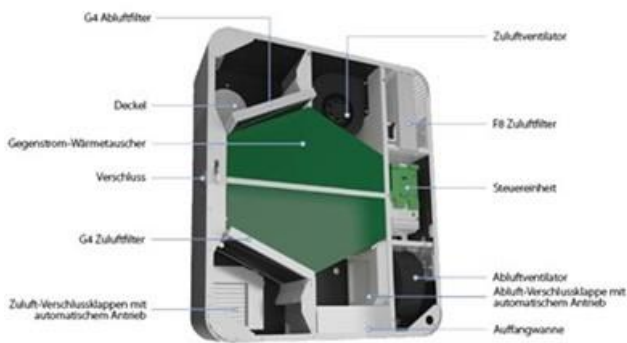


# RadonTec AlphaFreshbox 100

The **AlphaFreshbox 100 WiFi** is a decentralized ventilation system with heat recovery for rooms with a maximum size of 100m<sup>2</sup>. 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.



<b>Max. Delivery rate</b>	30 m3/h	44 m3/h	60 m3/h	75 m3/h	100 m3/h
<b>Supply voltage, V/50 (60)</b>	1~ 230 Hz				
<b>Max. Fan power consumption</b>	20 W	23 W	29 W	37 W	53 W
<b>Sound pressure level at a distance of 3 m</b>	13 dBA	20 dBA	27 dBA	33 dBA	39 dBA
<b>Max. Power consumption of the ventilation system</b>	3,6 A				
<b>Conveying medium temperature</b>	-20 to +40 °C				
<b>Material of the casing</b>	Painted steel				
<b>Insulation</b>	10 mm (foamed rubber)				
<b>Efficiency of heat recovery</b>	96 %	94 %	89 %	85 %	83 %
<b>Type of heat exchanger</b>	Countercurrent heat exchanger				
<b>Heat exchanger material</b>	Enthalpy membrane				
<b>Supply air filter</b>	G4, F8 (optional: F8 activated carbon, H13)				
<b>Exhaust air filter</b>	G4				
<b>Diameter of the connection spigot</b>	Ø 100 mm				
<b>Weight</b>	31 kg				