

Data sheet

RadonTec AlphaAir Freshbox 100 WiFi

The **AlphaAir Freshbox 100 WiFi** is a ventilation unit with enthalpy exchanger and WiFi connection. It is designed for controlled air exchange in detached houses, offices, hotels, cafés, conference rooms and other residential and commercial spaces. It is used for heat recovery from the extract air to heat the supply air.

Technical overview

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
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				