

Recuperators

BASIC H.250 HRV



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<https://cennik24.pl/rekuperator-basic-h250-hrv-9320>

Description

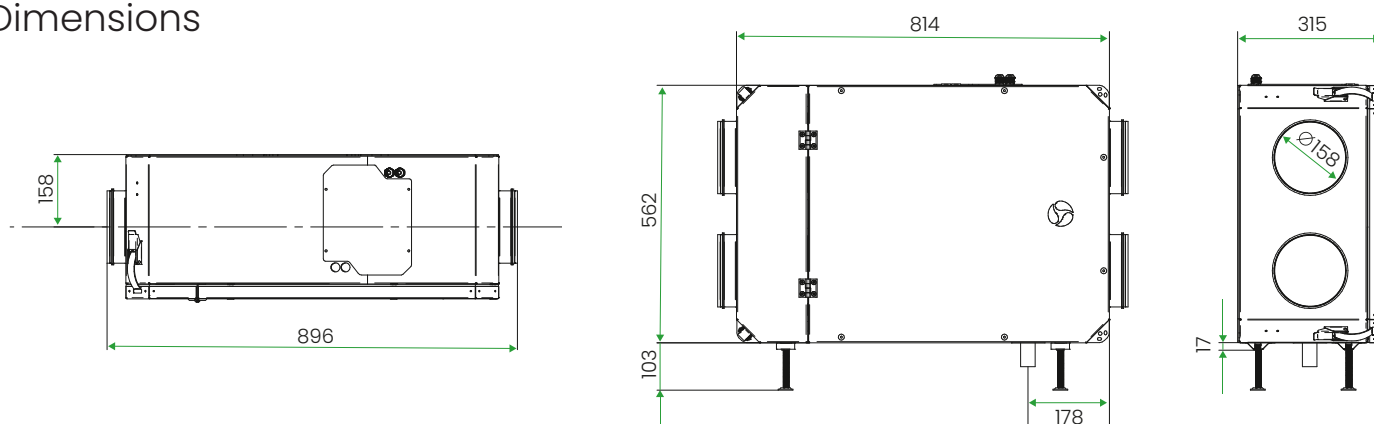
The **BASIC H.250 HRV recuperators** are **compact** units equipped with a **counterflow heat exchanger**, providing up to 95% energy recovery. Two new-generation **EC direct current fans** ensure low energy consumption and quiet operation with high efficiency. The stainless steel housing and acoustic foam lining provide excellent thermal and acoustic insulation without thermal bridges.

The units feature **side connection outlets in both left and right versions** and allows for wall mounting or direct installation on the floor. Standard M5 class filters (ePM10 75%) effectively remove pollutants from the air, improving its quality. The recuperators are equipped with an electronic bypass

that automatically manages airflow, utilizing natural external cooling on warmer days.

The built-in **PTC preheater** with smooth power adjustment protects the heat exchanger from freezing at low temperatures. The **wall-mounted controller** allows seamless performance adjustment from 20% to 100%. An optional CO2/Humidity module enables automatic operation adjustment according to air quality, ensuring maximum comfort and efficiency.

Dimensions



Equipment of the BASIC recuperators



EC fans



Wall-mounted controller



Built-in CO2 and humidity sensor (optional)



Dedicated automation



Electronic by-pass



Integrated mounting system

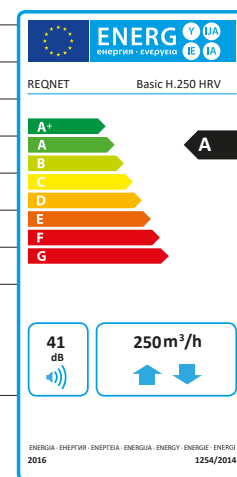


Antismog box (optional)



HRV counterflow heat exchanger

Model	Basic H.250 HRV		
Maximum air flow	250 m³/h at 150 Pa		
Heat recovery efficiency	up to 95%		
Exchanger type	cross-current		
Exchanger variant	HRV - standard (with heat recovery)		
Exchanger material	plastic		
Maximum fan power	125 W		
Efficiency	50% (90 m³/h at 30 Pa)	75% (175 m³/h at 100 Pa)	100% (250 m³/h at 150 Pa)
Energy consumption	27 W	59 W	125 W
Sound power level - nominal value	41 dB(A)		
Fans	radial with DC EC motor		
Energy efficiency class	A (for a temperate climate in accordance with Directive 2009/125/EC and European Commission Regulation No. 1254/2014)		
Bypass	automatic, electronic		
Anti-freeze system	PTC electric preheater 1kW		
Filters	Pleated class M5 (acc to EN779) / ePM10 ≥50% (acc to ISO16890)		
Connection spigots	stainless 4 x Ø160 mm		
Condensate drain	Ø32 mm		
IP rating	IP 40		
Insulation class	I		
Supply voltage	230V (AC), 50Hz		
Housing material	stainless		
Weight (with dedicated rack)	20 kg		
Dimensions (H x W x D)	562 x 814 x 315 mm		
Accessories	Wall-mounted controller with 3m signal cable Connection spigots 4xØ160 mm Power cable 2.8 m long Adjustable screw-in feet M10, 4 x 100 mm		
Optional peripheral devices	CO2/humidity module Bell-type airing button Away mode button / Alarm control panel		



Flow characteristics

