



Datasheet WAFE 200 E

	WAFE 200 E			
Product	Manufacturer	WAFE s. r. o.		
	Model	WAFE 200 E		
Basic parameters	Airflow	50–200 m³/h*		
	Temperature limits	-20 °C to 40 °C		
	Heat recovery efficiency	82,5 % (at 110 m³/h/100Pa)		
	Humidity recovery efficiency	60,3 % (at 110 m³/h/100Pa)		
	External static pressure (ESP)	150–250 Pa		
	Energy efficiency class	A		
	Operational paramaters	Airflow reference	60 m³/h	120 m³/h
External static pressure (ESP) reference		275 Pa	230 Pa	170 Pa
Heat recovery efficiency		93 %	88 %	83 %
Acoustic pressure level 3 m distance		26 dB	36 dB	40 dB
Power input		19 W	34 W	56 W
Design	Weight	19 kg		
	Dimensions (w × h × d)	978 × 575 × 250 mm		
Installation	Installation room temperature	More than 0 °C		
	Installation room relative humidity	Less than 70 %		
	Installation position	Ceiling mounted horizontal / vertical with integrated preheating		
Components	Body	Expanded polypropylene (EPP)		
	Heat exchanger	Enthalpic heat exchanger with polymer membrane Paul		
	Fans	EC CF radial with forward curved blades - Continuously adjustable		
	Filtr intake (supply)	M5 / F7 optional		
	Filtr outlet (exhaust)	M5		
	Control panel	9 degree manual controller (optional)		
	Sensors	Temperature and humidity, CO ₂		
	Sheathing	Aluminium plates with powder coating (optional)		
	Accessories (upcoming–sold separately)	SIGFOX Internet of Things network connectivity, integration into parent systems (ModBus)		
Construction readiness	Ventilation	DN 125 mm (inner diameter)		
	Hight voltage	230 V AC, 50 Hz +2m cable with a standard euro connector		
	Low voltage (optional)	Ethernet/RJ45 + CAT5e cable Button for Intense ventilation [Boost] 24 V DC servo drive for façade flaps		
	Sanitary infrastructure (optional)	Condensate outlet with 5/4“ external thread		
	Operational logic	Modes	Intelligent mode Weekly mode Sleep mode [Stand-by]	Holiday [Out] Summer [By-pass] Night mode
Functions		Fireplace ventilation		

* Data may vary depending on filters used.

Note: Values according to mathematical calculations.