



Datasheet WAFE 350 EFS

	WAFE 350 EFS			
Product	Manufacturer	WAFE s. r. o.		
	Model	WAFE 350 EFS		
Basic parameters	Airflow	80–350 m³/h*		
	Temperature limits	-30 °C to 40 °C		
	Heat recovery efficiency	86–97 %		
	Humidity recovery efficiency	60–95 % (according to physical conditions)		
	External static pressure (ESP)	150–250 Pa		
Operational paramaters	Airflow reference	120 m³/h	180 m³/h	270 m³/h
	External static pressure (ESP) reference	100 Pa	100 Pa	100 Pa
	Heat recovery efficiency	96,7 %	92,8 %	91,2 %
	Acoustic pressure level 1 m distance	35 dB	38 dB	42 dB
	Acoustic pressure level 2 m distance	31dB	34 dB	37 dB
	Power input	59 W	79 W	138 W
Design	Weight	35 kg		
	Dimensions (w × h × d)	1075 × 776 × 539 mm		
Installation	Installation room temperature	5–40 °C		
	Installation room relative humidity	Less than 70 % at 22 %		
	Installation position	Vertical installation		
Components	Body	Expanded polypropylene (EPP)		
	Exchanger	Plastic duct counterflow		
	Fans	EC CF radial with forward curved blades, contnuously adjustable		
	Flap system	Enthalpic Flap System (EFST™)		
	Filters (supply air / exhaust air)	M5/M5		
	Control panel	Analog buttons and 4-line display / Online application MyWAFE		
	Sensors	Pressure, temperature and humidity, CO ₂		
	Sheathing	Aluminium plates with powder coating		
	Accessories (upcoming–sold separately)	Aromatizer SIGFOX Internet of Things network connectivity		
Construction readiness	Ventilation	DN 160/200 mm (inner/outer diameter)		
	Hight voltage	230 V AC, 50 Hz +2m cable with a standard euro connector		
	Low voltage (optional)	Ethernet/RJ45 + CAT5e cable Potential free (dry) one-way button for Intense ventilation [Boost] 24 V DC servo drive for façade flaps		
	Sanitary infrastructure (optional)	Condensate outlet with 5/4“ external thread		
Legal	IEC protection class	1		
	Ingress Protection Marking (IP)	IP 40		
Operational logic	Modes	Intelligent mode Weekly mode Sleep mode [Stand-by]	Holiday [Out] Summer [By-pass] Night mode	
	Functions	Intense ventilation [Boost], Fireplace ventilation, Circulation, Dehumidification		
	Superior control	Connectivity ModBUS		

* Data may vary depending on filters used.

Note: Values according to mathematical calculations.