



# Breathe. Live.

# WAFE 350 Datasheet

v1.0



<b>PRODUCT</b>	Manufacturer	WAFE s.r.o.			
	Model	WAFE 350			
<b>BASIC PARAMETERS</b>	Airflow	m <sup>3</sup> / h	80–350		
	Temperature limits	°C	-30 to 45		
	Heat recovery efficiency	%	86–97		
	Humidity recovery efficiency	%	<95		
	External static pressure (ESP)	Pa	150–250		
	Energy efficiency class	A			
	<b>OPERATIONAL PARAMETERS</b>	Airflow reference	m <sup>3</sup> / h	120	180
External static pressure (ESP) reference		Pa	100	100	100
Heat recovery efficiency		%	96.7	92.8	91.2
Acoustic pressure level <sup>1</sup> 1 m distance		dB	35.4	38	41.5
Acoustic pressure level <sup>2</sup> 2 m distance		dB	30.9	33.5	37
Power input		W	59.1	79.4	137.9
<b>DESIGN</b>		Weight	kg	35	
	Dimensions (w x h x d)	mm	1075 x 776 x 539		
<b>INSTALLATION</b>	Installation room temperature	°C	5–40		
	Installation room relative humidity	% at °C	<70 at 22		
	Installation position	Vertical installation			
<b>COMPONENTS</b>	Body	Expanded polypropylene (EPP)			
	Exchanger	Plastic duct counterflow			
	Fans	EC CF radial with forward curved blades			
	Flap system	Enthalpic Flap System (EFS™)			
	Filters	F7 fineness for fresh incoming outdoor air M5 fineness for stale exhaust air from the building			
	Control panel	Analog buttons and 4-line display			
	Sensors	Pressure, temperature and humidity, CO <sub>2</sub>			
	Sheathing	Aluminium plates with powder coating			
	Accessories <small>(upcoming—sold separately)</small>	INELS wall remote control Aromatizer SIGFOX Internet of Things network connectivity			
<b>CONSTRUCTION READINESS</b>	Ventilation	mm	DN 160/200 mm (inner/outer diameter)		
	Hight voltage	230 V AC, 50 Hz + 2 m cable with a standard euro connector			
	Low voltage <small>(optional)</small>	Ethernet / RJ45 + CAT5e cable Potential free (dry) one-way button for Intense ventilation [Boost] 24 V DC servo drive for façade flaps			
	Sanitary infrastructure <small>(optional)</small>	Condensate outlet with 5/4" external thread			
	<b>LEGAL</b>	IEC protection class	1		
Ingress Protection Marking (IP)		IP 40			
<b>OPERATIONAL LOGIC</b>	Modes	Intelligent mode		Holiday [Out]	
	Functions	Weekly mode		Summer [By-pass]	
		Sleep mode [Stand-by]		Night mode	
		Intense ventilation [Boost]			
		Fireplace ventilation			
		Circulation			



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