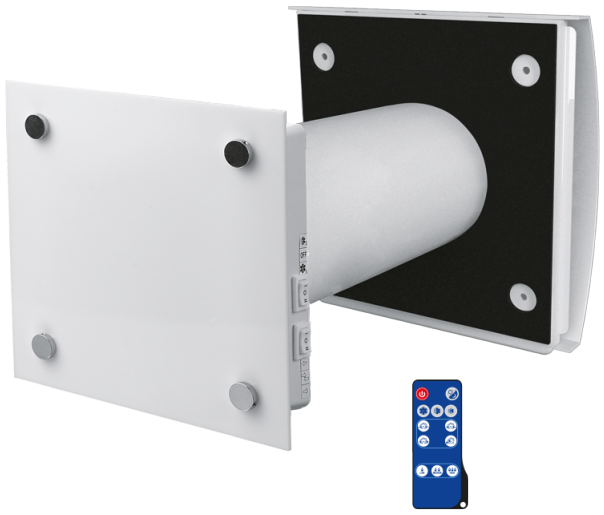


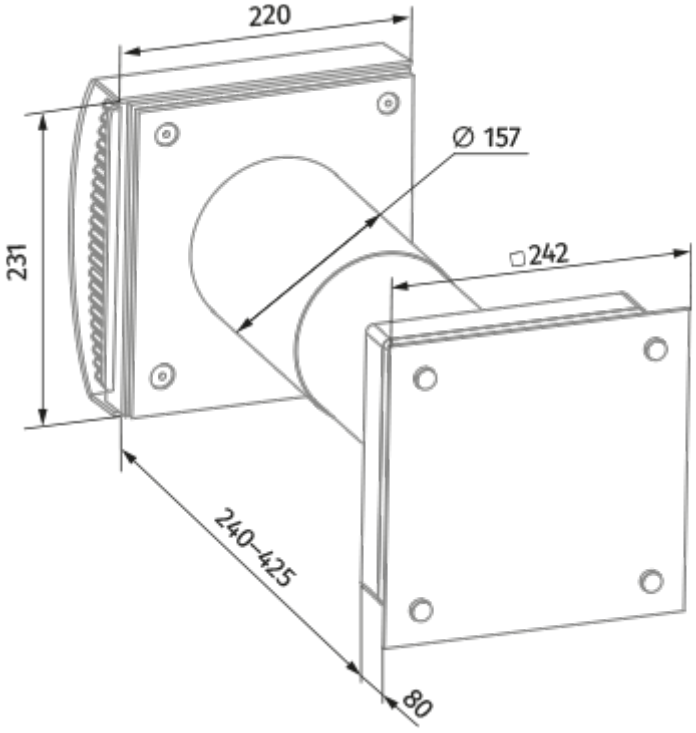
VENTO Ergo A50-1 Pro V.3

Heat recovery single-room units

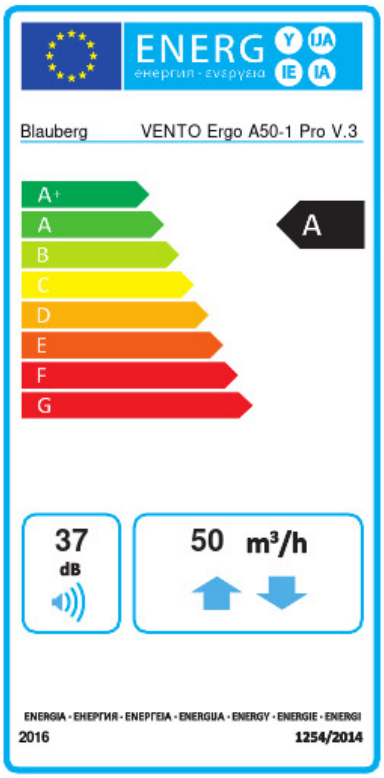
- Air flow in heat recovery mode: 25
- Sound pressure level LpA at 1 m: 32
- Heat exchanger type: Regenerative
- Heat exchanger material: Ceramic
- Sound-insulated casing
- Control: Remote Control, Wired control panel
- Casing material: Plastic
- Humidity sensor: Built-in

	Unit of measurement	VENTO Ergo A50-1 Pro V.3		
Phases	-	1		
Minimum supply voltage	V	100		
Maximum supply voltage	V	240		
Power supply frequency	Hz	50/60		
Air flow in ventilation mode	m³/h	20	35	50
Air flow in heat recovery mode	m³/h	10	18	25
Sound pressure level LpA at 1 m	dB(A)	22	29	32
Heat recovery efficiency, max	%	88		
Heat exchanger type	-	Regenerative		
Heat exchanger material	-	Ceramic		
Transported air temperature (max)	°C	40		
Transported air temperature (min)	°C	-20		
Ambient air temperature min	°C	1		
Ambient air temperature max	°C	40		
Ingress protection rating	-	IP24		
Ambient air humidity max	%	65		
Minimum wall thickness	mm	240		
Maximum wall thickness	mm	425		

Dimensions



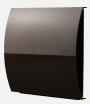
Ecodesign



Trademark	Blauberg					
Model	VENTO Ergo A50-1 Pro V.3					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	-81.8	A+	-39.3	A	-14.9	E
Type of ventilation unit	Bidirectional					
Type of drive installed	3-speed					
Type of heat recovery system	Regenerative					
Thermal efficiency of heat recovery (%)	80					
Maximum flow rate (m³/h)	50					
Electric power input (W)	7					
Reference flow rate (m³/s)	0.005					
Specific power input (SPI) (W/(m³/h))	0.286					
Control typology	Local demand control					
Airflow sensitivity at +20 Pa and -20 Pa (%)	0.4					
Declared typology	RVU BVU					
Sound power level (dB(A))	37					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	206		206		206	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	87		44		20	

Accessories

Hoods

Name	Photo	Description
AH-10 black 160		Plastic hoods decoration of supply and exhaust vents of public, residential and industrial ventilation systems
AH-10 brown 160		Plastic hoods decoration of supply and exhaust vents of public, residential and industrial ventilation systems
AH-10 chrome 160		Plastic hoods decoration of supply and exhaust vents of public, residential and industrial ventilation systems

AH-10 grey 160		Plastic hoods decoration of supply and exhaust vents of public, residential and industrial ventilation systems
AH-10 terracotta 160		Plastic hoods decoration of supply and exhaust vents of public, residential and industrial ventilation systems
AH-10 white 160		Plastic hoods decoration of supply and exhaust vents of public, residential and industrial ventilation systems
AH-S chrome 150		Stainless steel ventilation hood
AH-S grey 150		Stainless steel ventilation hood
AH-8 white 150		Outer ventilation hood with frost protection for a cold climate
AH-8 chrome 150		Outer ventilation hood with frost protection for a cold climate

Other accessories

Name	Photo	Description
FP Vento Ergo A50 G3		G3 filters (2 pcs.)
FPC 150x50 G4		Filter
Completion Kit Vento Ergo A50(85)-1 Pro V.3		Includes: Ceramic regenerator ∅ 150 mm, Vento Ergo A50-1 ventilation unit, G3 filters, Mounting plate, Remote control
FB Vento Ergo		Remote control
FP Vento Ergo A50 F8		Filter

Plastic

Name	Photo	Description

KIT BlauPlast 204x60-1		Kit for angular mounting (for walls with standard thickness)