

Uni Max E A21

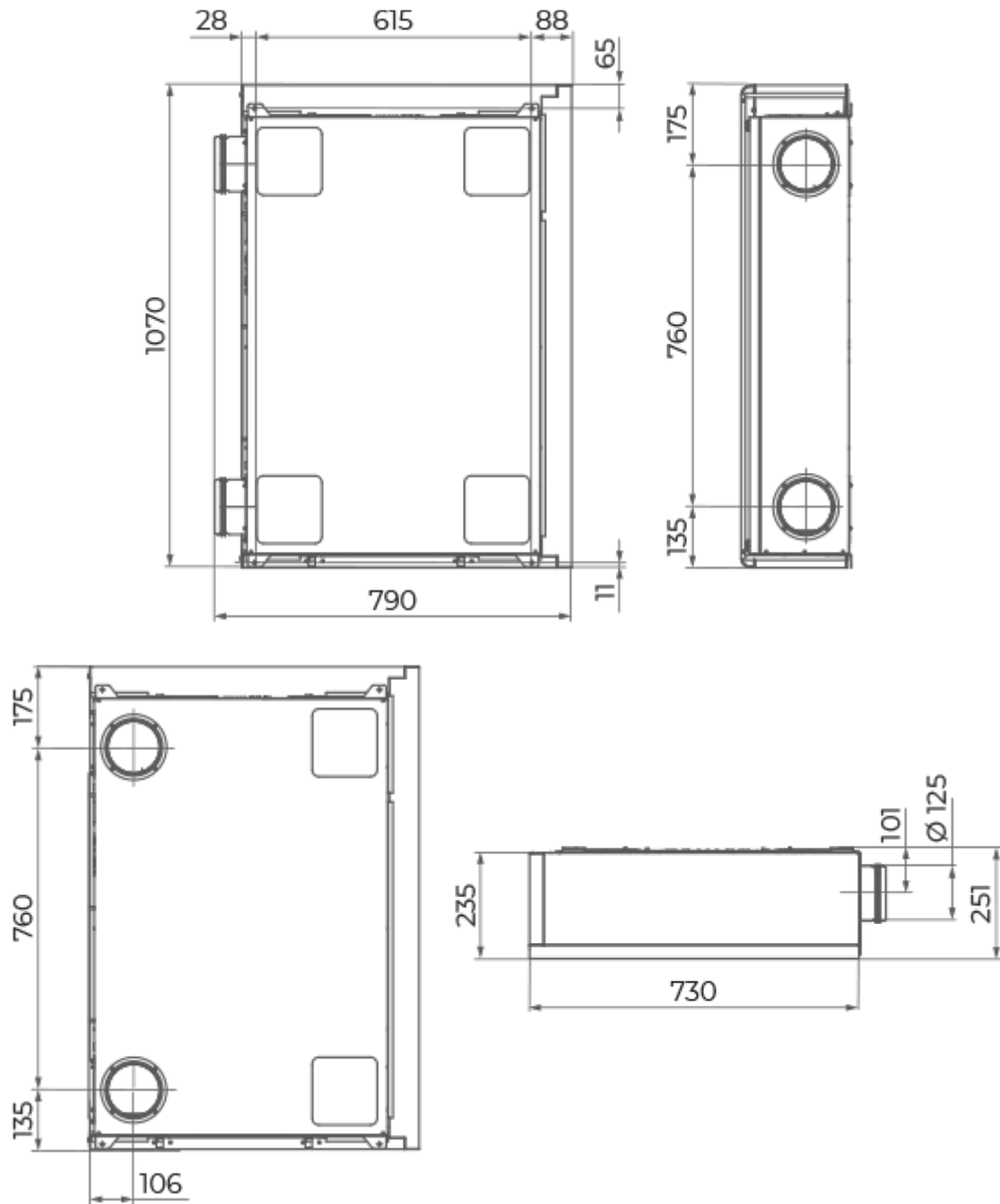


Wall-mounted AHU with an enthalpy heat exchanger and an air flow of up to 200 m³/h

- Power of electrical preheater: 800
- Maximum airflow: 160
- Sound pressure level LpA at 3 m: 32
- Sound pressure level LpA at 1 m: 42
- Heat exchanger type: Counter flow
- Extract filter: Coarse 90% / G4
- Supply filter: ePM1 70% / F7 (G4 option)
- Sound insulation
- Motor type: EC
- Bypass: Auto
- Reheater: Electric
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Galvanized steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- Temperature sensor: Built-in

	Unit of measurement	Uni Max E A21		
Connected air duct size	mm	125		
Speed	-	3		
Minimum supply voltage	V	230		
Maximum supply voltage	V	230		
Power supply frequency	Hz	50/60		
Rated power	W	58		
Power of electrical preheater	W	800		
Unit current	A	0.5		
Maximum airflow	m ³ /h	60	90	160
Sound pressure level LpA at 3 m	dB(A)	32		
Sound pressure level LpA at 1 m	dB(A)	42		
Heat recovery efficiency, max	%	95		
Heat exchanger type	-	Counter flow		
Heat exchanger material	-	Polystyrene		
Weight	kg	47		
Extract filter	-	Coarse 90% / G4		
Supply filter	-	ePM1 70% / F7 (G4 option)		
Transported air temperature (max)	°C	40		
Transported air temperature (min)	°C	-25		

Dimensions






Accessories

Other accessories







Name	Photo	Description
SF 233x175x22 G4		Panel filter G4

SF 233x175x22 F7		F7 panel filter
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Control Panels for AHU

Name	Photo	Description
A22		Control panels for controlling industrial and residential air handling units
A22 WIFI		Control panels for controlling industrial and residential air handling units
A25		Touch screen control panel for controlling industrial and residential air handling units

Sensors

Name	Photo	Description
HV2		Humidity sensor
HR-S		Electro-mechanical humidistat
CO2-1		CO2 sensors
CO2-2		CO2 sensors
CO2-3		CO2 sensor
DPWC11200		Humidity sensor

VOC sensors

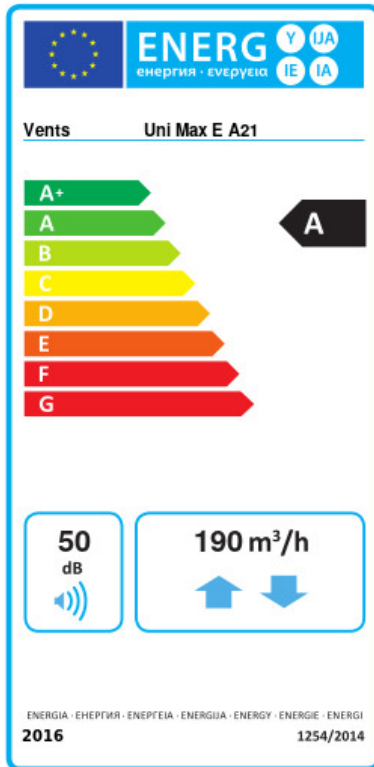
Name	Photo	Description
DPWQ30600		VOC sensors

[DPWQ40200](#)



CO2 sensor

Ecodesign



Trademark	Vents					
Model	Uni Max E A21					
Specific energy consumption (SEC) (kWh/(m ² /a))	Cold		Average		Warm	
	-76.3	A+	-40.1	A	-16.7	E
Type of ventilation unit	Bidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	Recuperative					
Thermal efficiency of heat recovery (%)	76					
Maximum flow rate (m ³ /h)	190					
Electric power input (W)	58					
Reference flow rate (m ³ /s)	0.038					
Specific power input (SPI) (W/(m ³ /h))	0.207					
Control typology	Local demand control					
Maximum internal leakage rates (%)	2.7					
Maximum external leakage rates (%)	2.7					
Airflow sensitivity at +20 Pa and -20 Pa (%)	0					
Declared typology	RVU BVU					
Sound power level (dB(A))	50					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	703		166		121	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	8517		4354		1969	