

Enervent Alta

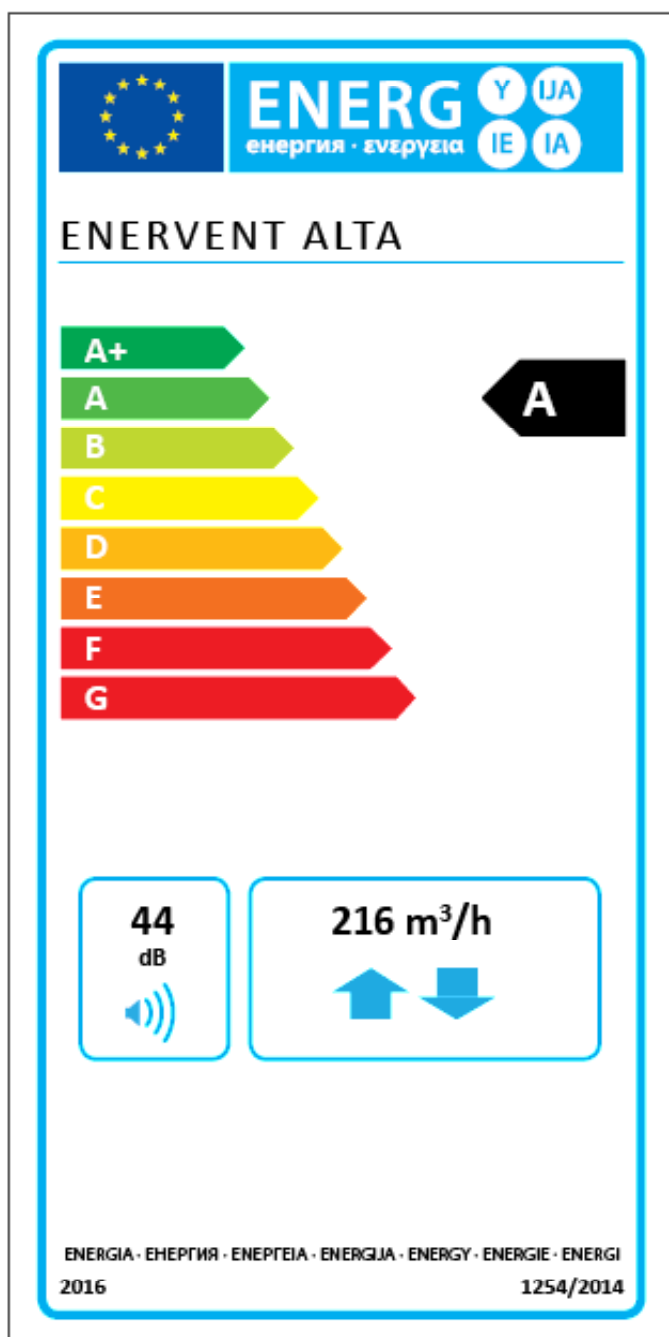
COMPREHENSIVE TECHNICAL DETAILS



enervent

Enervent Alta

Alta 300 is a ventilation unit for residential and other smaller spaces. The Alta 300 is specially designed for spaces where there is no dedicated location for the unit. The unit can easily be placed eg in a folded ceiling or in a wardrobe, while it can be connected to the cooker hood in the kitchen. The unit's simple but ingenious structure and low pressure drop ensure a cheap and safe operation.



Technical details

General information

Reference flow rate according to EcoDesign directive (50 Pa)	216 m ³ /h
Air volume flow	50 – 313 m ³ /h
Pressure difference	15 – 125 Pa
Leakage	external < 5 % (test pressure 300 Pa) internal < 5 %
Duct size	Ø 160 mm
Weight	40 kg
Standard filters, 2 x cassette filter	F7/M5
Filter dimensions (W x H x D)	293 x 225 x 28 mm
IP class	IP44 (external control IP20)
Condense connection	¼" internal thread
Nominal voltage	230 V
current	Motors 2,4 A total Electrical after heating 3,5 A

Exhaust air fan type	Ebm-Papst
Exhaust air motor type	G3G146-ED19-10
voltage	230 V (AC), EC-type with internal electronics
fan blade	Radial forward
power	118 W
sound data	65 dB(A) DIN 45635-1 ISO 3745
Control	4 situations (away, home, boost, timer controlled boost). In each situation both fans can be fine adjusted separately.

hanger	
hanger type	Rotating heat exchanger
	Aluminium
hanger surface	28 m ²
hanger dimensions	240 x 200 mm (60 µ)
hanger motor	5 W
annual unit temperature / (EN 13141-7:2010)	77 %
annual heat recovery efficiency (EN 16798-3:2017)	90 %
annual heat recovery efficiency (EN 125:2012)	77 %
*C, extract air +21°C, exhaust air temperature	

Information	
inside cover	Steel sheet, zinc coated
outside cover	Steel sheet, zinc coated
electric after heater efficiency	800 W
electric pre heater efficiency (del)	800 W

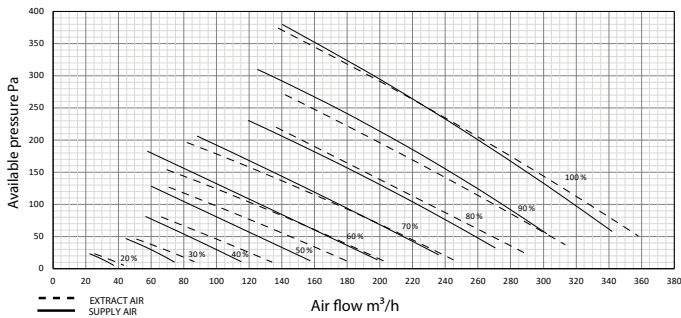
levels	L _w (dB)	L _{PA} (10 m ²)
	35,4	31,4
	40,6	36,6
71 l/s	45,4	41,4
91 l/s	49,2	45,2

Flow rates and flow rates based on more than one sensor. Please remember to connect all local sensors (some sold as extra equipment) in order to achieve the declared energy class.



Characteristics

Characteristics for Alta supply and extract air fan with F7/M5 filters

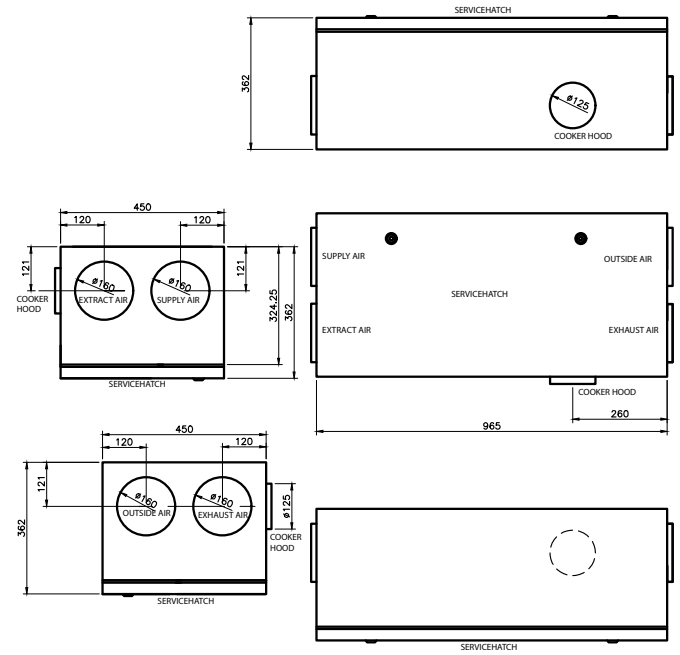


Installation

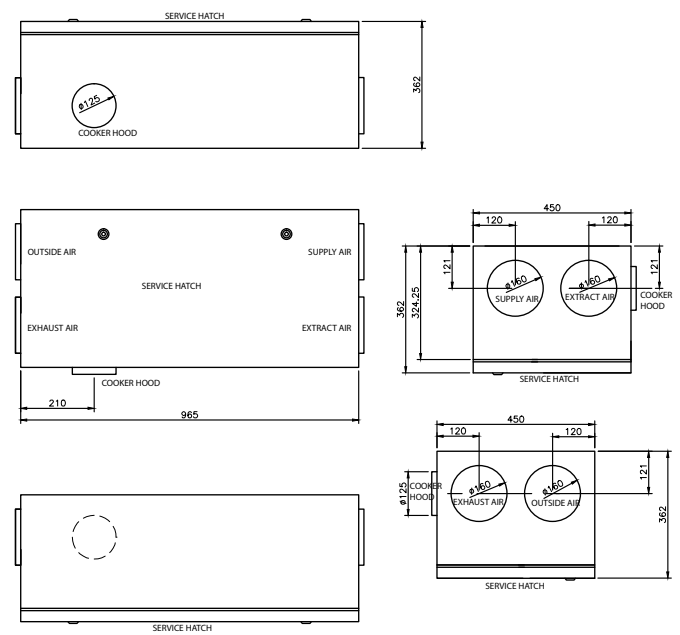
Alta can be installed hanging from the roof with the service hatch downwards. It can also be installed lying on a surface with the service hatch upwards or to the side. All the cabling is brought out of the unit at the factory as standard.

Dimension drawings

Right handed unit



Left handed unit



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