

Enervent Alta

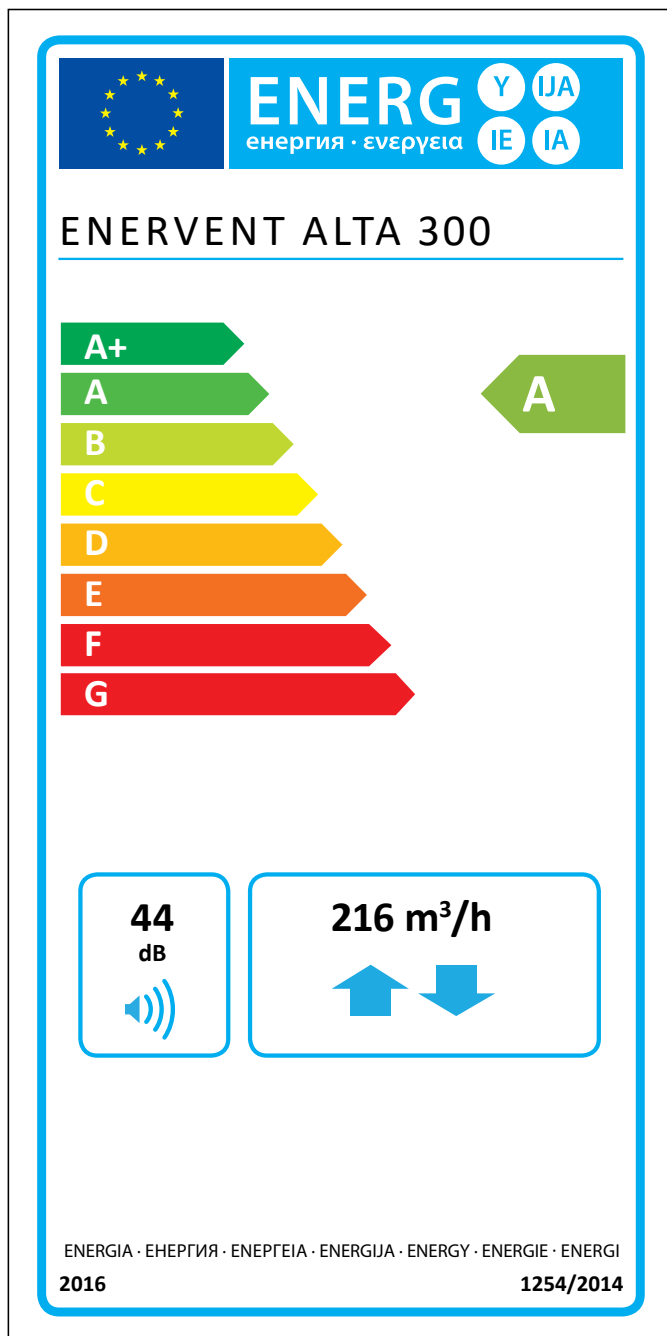
COMPREHENSIVE TECHNICAL DETAILS



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.



The information on the energy label for this product has been defined with local demand control. Local demand control means that the ventilation unit continuously regulates the fan speed(s) 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.

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 |
| Nominal current | Motors 2,4 A total Electrical heater 3,5 A |

Fans

| | |
|-----------------------------------|--|
| Supply and exhaust air fan type | Ebm-Papst |
| Supply and exhaust air motor type | G3G146-ED19-10 |
| Nominal voltage | 230 V (AC), EC-type with internal electronics |
| Type of fan blade | Radial forward |
| Nominal power | 118 W |
| Acoustical data | 65 dB(A) DIN 45635-1 ISO 3745 |
| Fan control eWind control | 4 situations (away, home, boost, timer controlled boost). In each situation both fans can be fine adjusted separately. |

Heat exchanger

| | |
|---------------------------|-------------------------|
| Heat exchanger type | Rotating heat exchanger |
| Material | Aluminium |
| Heat exchanger surface | 28 m ² |
| Heat exchanger dimensions | 240 x 200 mm (60 µ) |
| Heat exchanger motor | 5 W |
| Heat exchanger efficiency | 75 – 85 % p.a. |

Other information

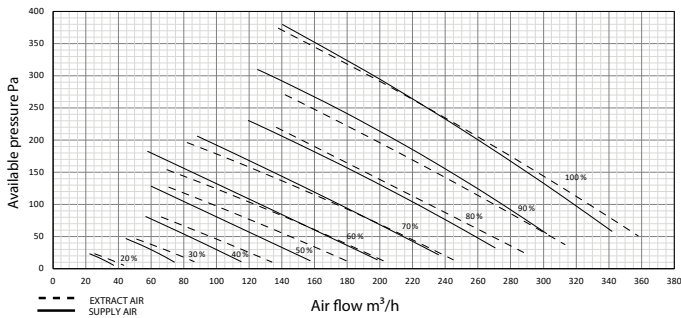
| | |
|--|--------------------------|
| Material inside cover | Steel sheet, zinc coated |
| Material outside cover | Steel sheet, zinc coated |
| Standard electric after heater efficiency | 800 W |
| Standard electric pre heater efficiency (Arcti models) | 800 W |

| Sound levels | L _w (dB) | L _{PA} (10 m ²) |
|--------------|---------------------|--------------------------------------|
| Room | | |
| 32 l/s | 35,4 | 31,4 |
| 50 l/s | 40,6 | 36,6 |
| 71 l/s | 45,4 | 41,4 |
| 91 l/s | 49,2 | 45,2 |



Characteristics

Alta supply and extract air characteristics with F7/M5 filters

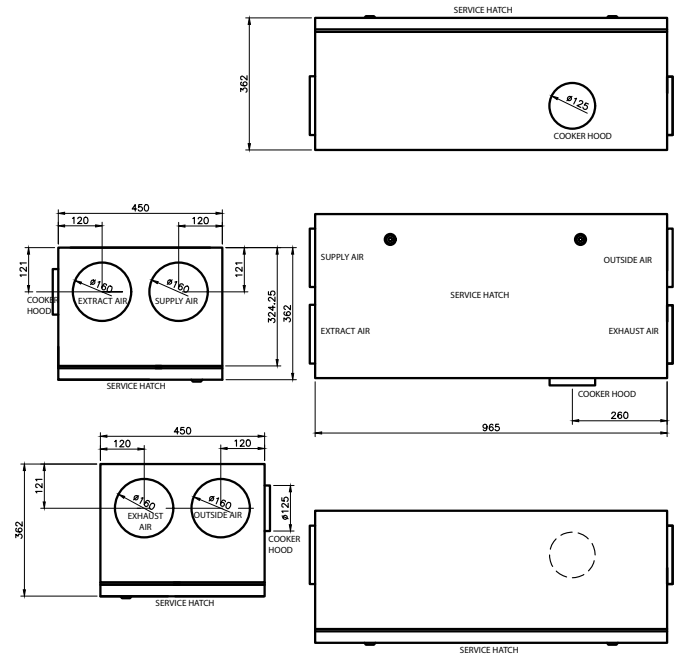


Installation

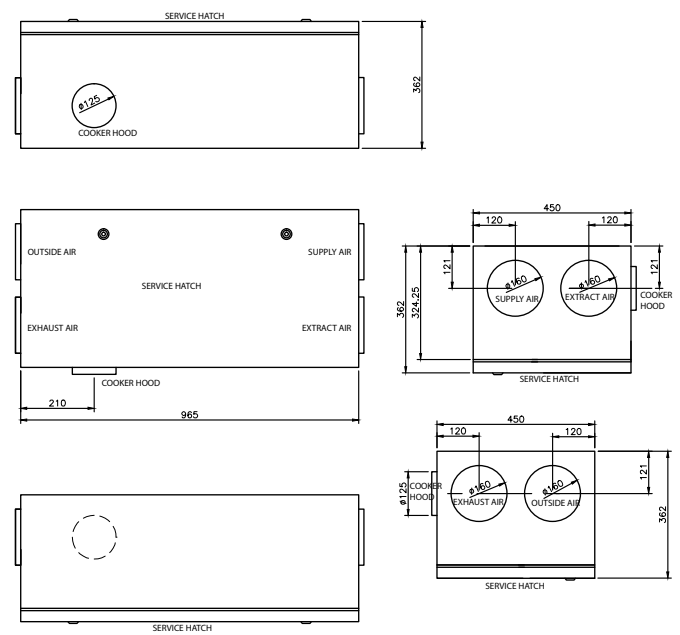
Alta can be installed hanging from the roof with the service hatch downwards. It can also be installed lying on a surface with the service hatch upwards or to the side. All the cabling is brought out of the unit at the factory as standard.

Dimension drawings

Right handed unit



Left handed unit



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