

Energysaver™ C180 HRV

Air removal and heat recovery



Airtech's Energysaver™ C180 HRV climate system provides balanced ventilation, delivering clean fresh air while recovering up to 95% of the heat from discharged air. This combination of benefits and high efficiency means that draught-free ventilation is achieved at 10% of the cost of traditional ventilation systems.

Two easy to take out filters remove 95% of dust to ensure air quality is maintained continuously.

The compact unit is easy to fit and features four air connections to provide ventilation to kitchen, bathroom, toilet and living areas. It is also compatible for use with low resistance ducts and control settings allow constant air flow under all conditions.

Featuring an EC/DC motor the C180 HRV is classed as a 'zero energy unit' and costs just a few pence per day to run.

Special Features

- Low energy EC/DC motor
- Unit can be rotated to simplify fixing
- Right and left hand options
- Suitable for use with low resistance ducting systems
- Two filters remove 95% of dust from the air
- Ultra high performance filter option for those with respiratory problems
- Digital settings and read out display
- Cable and software available for service engineers
- CO2 and humidity sensor options

Benefits

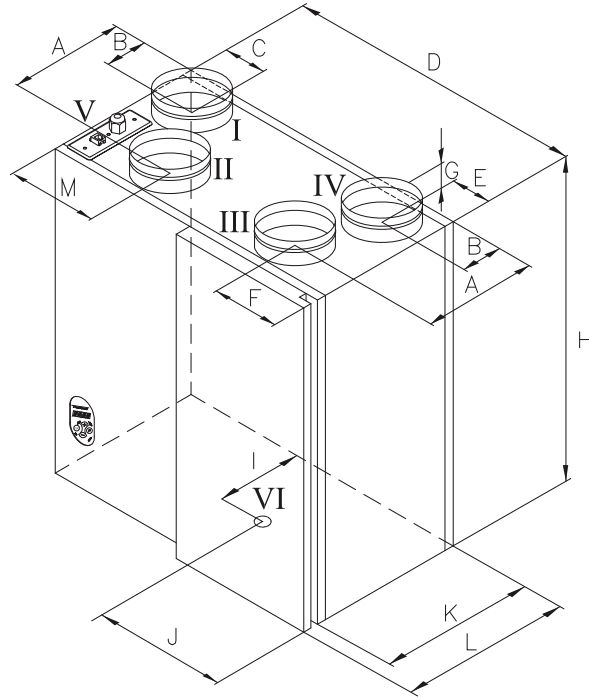
- Extremely low running costs
- Heat exchanger transfers 95% of heat
- Constant air flow rate constant under all conditions
- High efficiency performance at all times
- Air flow rate unaffected by filter fouling
- Pollen filter on air inlet
- Wireless remote control option
- Frost protection system maintains performance in freezing conditions

General

- Four air connections
- Output and input spigots are top mounted
- Suitable for Ø125mm connecting ducts
- 230V power cable supplied as standard
- Low voltage control connection supplied as standard

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KEY

- I To dwelling
- II To atmosphere
- III From dwelling
- IV From atmosphere
- V Electric connections
- VI Condensate discharge

DIMENSIONS

| A | B | C | D | E | F | G | H | I | J | K | L | M |
|-----|----|----|-----|----|-----|----|-----|----|-----|-----|-----|-----|
| 213 | 77 | 79 | 560 | 75 | 125 | 45 | 600 | 50 | 210 | 290 | 455 | 168 |

TECHNICAL SPECIFICATIONS

| | |
|---------------------------------------------------|----------------------------------------|
| Ventilation capacity at 150Pa (m ³ /h) | 180 |
| Rated power (W) (dependent on setting) | 120 at 150m ³ /h (at 150Pa) |
| Dimension of duct connection (mm) | Ø125 |
| H x W x D (mm) | 600 x 560 x 290 |
| Weight (kg) | 25 |
| Temperature efficiency (%) | 95 |

ORDER CODE

ESC180 Energysaver™
whole house heat
recovery



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