DV300 Entro

Entro line side entry -
Up to 352 m³/hr air volume

KEY FEATURES

- For use in dwellings up to 150m²*
- Air volume up to 300 m³/hr at 100 Pa
- Up to 93% thermal efficiency
- ‘A’ energy rating
- Adjustable control
- G4 and F7 filters available
- Automatic, 100% summer by-pass
- Lightweight design allows for multiple install options
- Durable EPP casing
- Optional Digital Controller
- Auto cut-out switch for extra safety
- Optional Electric Pre-Heater / Post Heater
- Complies with Building Regulations and Passive House certified
- SAP eligible
- 2 year warranty+

The DV300 Entro is a highly efficient, side entry MVHR unit that can recover up to 93% of other wasted heat.

The unit is made with high density EPP material which provides significant insulation and eliminates thermal bridging. DV300 has a low energy EC fans that minimise the unit’s energy consumption and can help you reduce your energy bills.

The unit has an easy to maintain plastic counterflow heat exchanger that prevents the airstreams from mixing and easy to clean air filters that provide you with a clean, healthy indoor air environment.
The DV300 Entro meets requirements set out by the Energy Related Products (ErP) Directive 2016, achieving an A rating. You can find out more about the ErP Directive and find the DV300 Fiche and Label at: www.airflow.com

The DV300 Entro was tested and has achieved Passive House Approval by the Passive House Institute when equipped with a pre-heater.

ACCESSORIES

See switches/accessories for more details.
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**MOUNTING POSITIONS**

Unique to these side entry units is the ability to install the same unit at:

- Wall / Floor - standing position
- Ceiling - flat position  
  (with inclination for drainage)
- Floor - flat position  
  (with inclination for drainage)

This provides exceptional flexibility in product specification, installation and storage.

**SIMPLE CONTROL**

Simple control incorporates the following features:

- **Variable speed control** 100% adjustable by the user
- **Automatic boost function** increases air flow when needed  
  (via volt-free contact or 0-10V sensor output)
- **Automatic frost protection** reduces the supply ventilation rate for a certain period to prevent ice build-up within the heat recovery cell depending on the outside air temperature
- **Automatic summer bypass** fully isolates the heat exchanger and helps prevent overheating the dwelling during the summer months. Its motorised damper is triggered by the temperature sensor automatically
- **Heater control** for pre-heater and post-heater

**TOUCH SCREEN CONTROL**

Additionally, the digital control provides the following features:

- **Stylish Touch Screen** with easy-to-use interface
- **Weekly ventilation programming** allows users to pre-set the ventilation levels scheduled for different days.
- **Party / Holiday mode** to set the air volume for specific time period based on occupancy.
- **Filter Maintenance reminder**
- **Indoor temperature control and display** based on:  
  Extract air temperature  
  Supply air temperature
The new generation PTC (Positive Temperature Coefficient) electric heater incorporates a power adjustment facility which automatically increases/decreases the power based on the air volume going through the heater hence shortens the heating response.

Also the heater has two protection thermostats and a perforated metal filter which can easily be maintained via the inspection door. This significantly increases its life span especially when the heater is installed on the incoming air side for frost protection purposes. Alternatively it can be used as post-heater to achieve the required indoor air temperature.

To achieve better sound levels the units can optionally be covered with a metal jacket which is made of galvanised metal sheet.

This special accessory also protects the unit from external damage and extends the life span of the unit.