



50/60Hz

# ORMEN EEC

Wall and floor recovery unit  
with EC motor for residential  
surfaces up to 180m<sup>2</sup>

RESIDENTIAL AND SMALL TERTIARY

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# ORMEN EEC

Double flow centralized ventilation unit with heat recovery for **floor and wall** installation.



Ideal for ventilation of homes and residential or commercial premises with a surface **up to 180 m<sup>2</sup>**.



With **Passivhaus Certificate**, the energy certification standard whose objective is to achieve energy savings of up to 90% in a building or house compared to a conventional building.



50/  
60Hz



High efficiency **counter-flow heat exchanger** in plastic material (PS).

Max. Efficiency  
92,5%

**Integrated control panel.**

Remote control panel with optional wired connection.

100% automatic **me-mechanical bypass** for free-cooling.

Max. Q m <sup>3</sup> /h	Pressure Pa	Lp (dB (A)) 3m	max. kW	Weight Kg
300	735	24	0,19	15

- Internal structure in high density expanded polypropylene 40 Kg/m<sup>3</sup>.
- Aesthetic front panel in plastic resin, glossy white finish.
- Connection ports to pipes with a nominal diameter of 125 mm, centrifugal fans with backward curved blades directly coupled to EC motors.
- High efficiency counterflow heat exchanger (max. efficiency 92.5%) in plastic material (PS).
- Automatic mechanical bypass for free-cooling.
- Inlet filters ePM1≥50% (F7) and ISO Coarse≥60% (G4) for supply, placed respectively in correspondence with the supply and exhaust channels.
- Support for wall installation integrated in the product.
- It can be integrated into residential home automation systems (ModBus protocol) in RS485 SLAVE mode.
- Performance and safety certified by an external body.
- Built-in control panel supplied as standard:
  - Power on / off the product.
  - Initial product configuration.
  - Selection of operating speed.
  - Programming operation.
  - Monitoring of the correct operation of the product (any malfunction is highlighted through error messages displayed on the screen).
  - Indication of the condition of the saturated filters on the screen.
- Optional wired remote control panel.

Inlet filters **ePM1 ≥ 50%** (F7)  
Supply filters **ISO Coarse ≥ 60%** (G4)



Backward centrifugal fans coupled to **EC motors**



Counterflow high efficiency exchanger  
**92.5%**

Duct connection ports with a diameter of **125 mm**



**Integrated controller**

- ON/OFF
- Initial setup
- Operating speed
- Programming
- Filter clogging alarm



**OPTIONAL CTRL RHRU**  
Wired remote control





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