

## RECOVERY UNIT WITH EC MOTOR FOR SURFACES UP TO 180M2 PASSIVHAUS CERTIFIED

# **ORMEN EEC**

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



50/ 60Hz



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



CERTIFIED COMPONENT Passive House Institute

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.



High efficiency **counterflow heat exchanger** in plastic material (PS).

Max. Efficiency 92,5%



Remote control panel with optional wired connection.

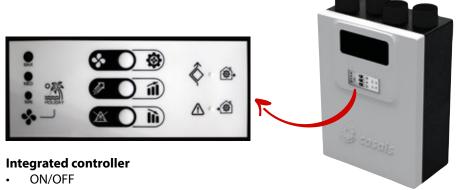
100% automatic **mechanical bypass** for free-cooling.

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/m³.
- 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.







# **OPTIONAL CTRL RHRU**Wired remote control



- Initial setup
- Operating speed
- Programming
- Filter clogging alarm



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