



# REC 280-320

Centralized Heat Recovery Units  
Vertical installation



Up to 10 rooms



Comply with ErP Directive 2009/125/CE  
and EU Regulation 1253/2014  
Residential Ventilation Unit

## Energy class A

(REC 320)

- Thermal efficiency up to **93%**
- High energy saving thanks to EC motors

## FEATURES

- Centralized heat recovery unit for vertical installation.
- Suitable for  $\varnothing$  125 mm ducting system.
- Casing made in galvanized steel sheet with epoxy finish
- Internal panels in PPE for a perfect thermal and acoustic insulation.
- Integrate or optional by-pass.
- Multispeed high efficiency motors.
- Low sound level.
- Integrated filter system class G4.
- Supplied with RLS 1WR control panel (EC motor versions).
- IPX4.
- Comply with EN 60335-2-80, LVD 2014/35/EU, EMC 2014/30/EU.
- Performance measured by BRE according to EN 13141-7, EN 13101-4, EN 5801 and EN 308.

## PERFORMANCE

| MODEL      | m <sup>3</sup> /h max | l/s max | V   | W max | A max | dB (A)* | Kg   |
|------------|-----------------------|---------|-----|-------|-------|---------|------|
| REC 280 AC | 280                   | 78      | 230 | 236   | 1     | 26      | 27,5 |
| REC 320 EC | 320                   | 89      | 230 | 70    | 1,20  | 26      | 28   |

\* Lp(A) at 3 m in open field at the maximum aeraulic efficiency point (min. speed AC version and speed setting 60% EC version)

## MODELS

### REC 280 AC



- Provided with external rotor motor and forward blade impeller 2 speed running: continuous running at the minimum speed, maximum speed is activated through remote control.
- Ideal for houses up to **10 rooms**.
- Installation configuration: **5 intake points and 5 extract points**.
- Max airflow **280 m<sup>3</sup>/h**.
- High efficiency heat recovery: **93%**.
- Made in steel with epoxy finish.
- Ducting system  $\varnothing$ 125 mm.
- Integrated filter system class G4, easily removable.
- Integrated by-pass.**
- AC motor.**

### REC 320 EC



- Provided with brushless motor for an optimal combination between high performance, silence and low energy consumption.
- Ideal for houses up to **10 rooms**.
- Installation configuration: **5 intake points and 5 extract points**.
- Max airflow **320 m<sup>3</sup>/h**.
- High efficiency heat recovery: **93%**.
- Made in steel with epoxy finish.
- Ducting system  $\varnothing$ 125 mm.
- Integrated filter system class G4, easily removable.
- Integrated by-pass.**
- EC motor.**



## CONTROLLERS - SUPPLIED

### RLS 1 WR

- Remote control
- Manual selection of three modality of continuous running:
  - I - Low ventilation modality
  - II - Intermediate ventilation modality
  - III - Intensive ventilation modality
- Supply voltage 230V - 50/60 Hz
- Weight 0,50 Kg
- Dimensions 75 x 75 x 30



Supplied with REC 320

## ACCESSORY

### RLS 3V - 3 speeds

- Remote 3 speed control (Min/Max) and On/Off switch
- New design with cover
- Suitable for surface or built-in installation
- Ease of connection by the means of removable terminals
- Protection IP42
- Weight 0,40 Kg
- Supply voltage 230V - 50/60 Hz
- Dimensions 110 x 80 x 42



Suitable for REC 280

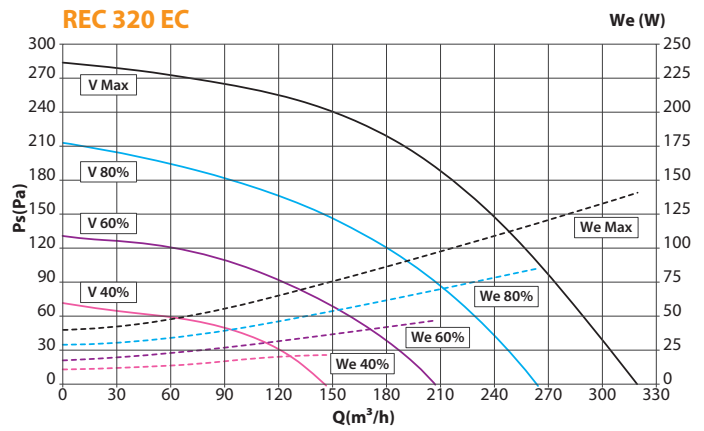
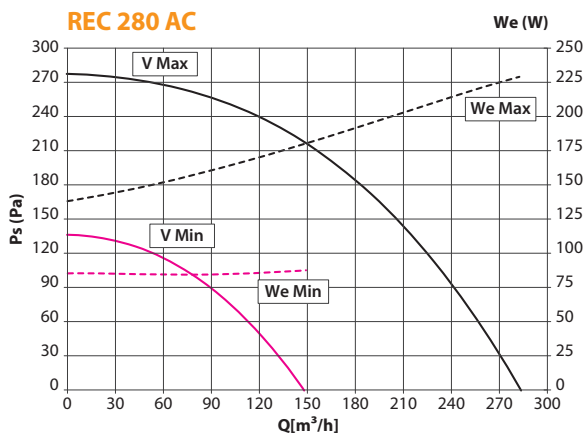


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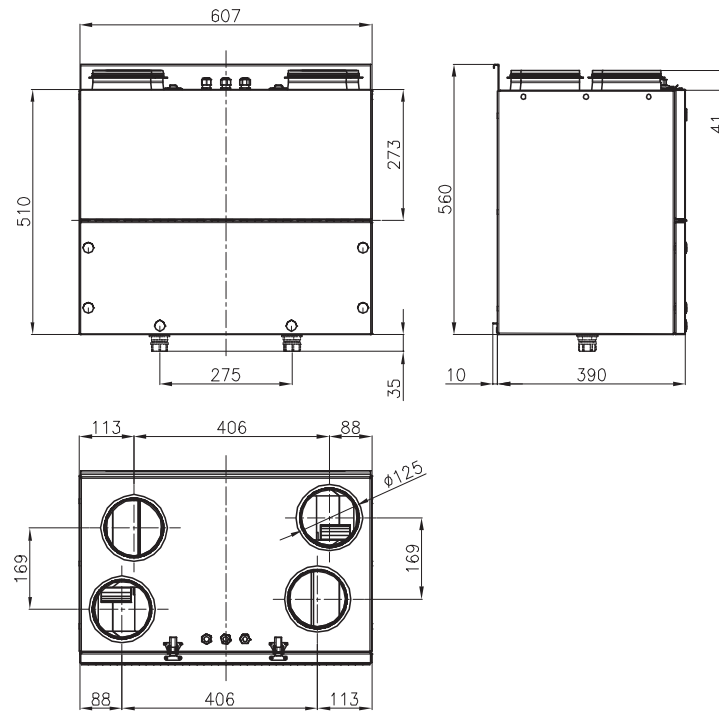
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## CURVES



## DIMENSIONS (mm)



## EFFICIENCY GRAPH

