



REC 280-320

Centralized Heat Recovery Units
Vertical installation



Up to 10 rooms



Complies 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.
- Complies 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 ³ /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 m³/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 m³/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

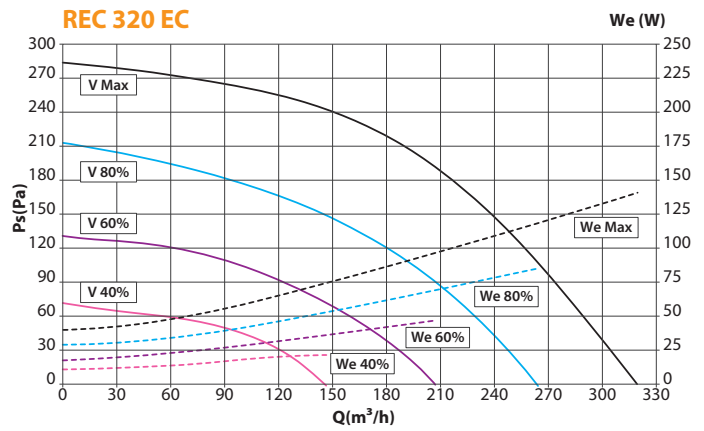
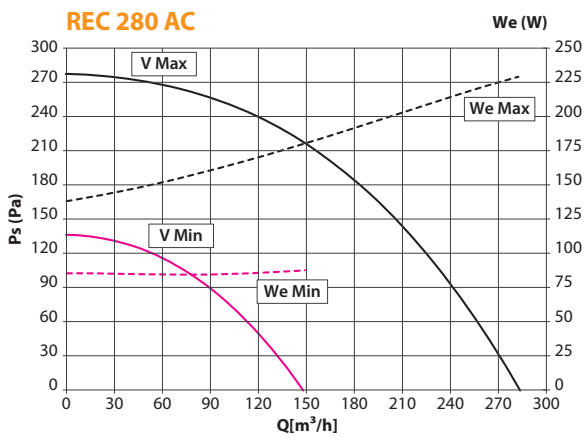


REC 280-320

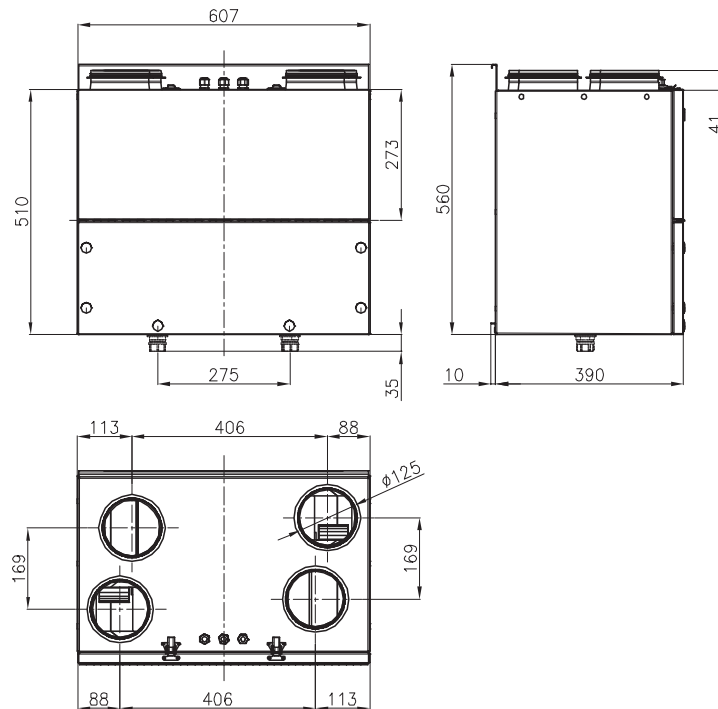
Centralized Heat Recovery Units
Vertical installation



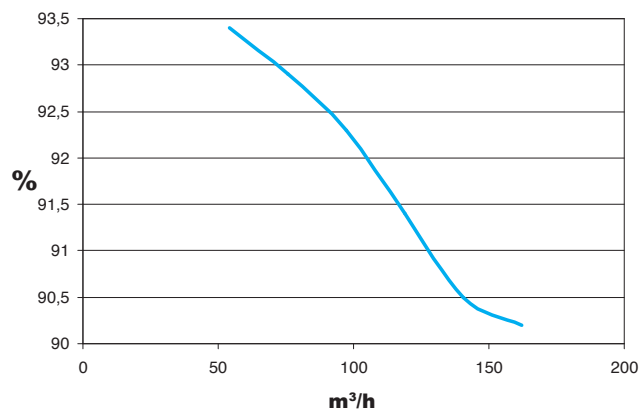
CURVES



DIMENSIONS (mm)



EFFICIENCY GRAPH





REC 320 TC

Centralized Heat Recovery Units
Vertical installation



Up to 10 rooms



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

Energy class A

- Thermal efficiency up to **93%**
- Tested by BRE according to EN308
- Integrated by-pass

FEATURES

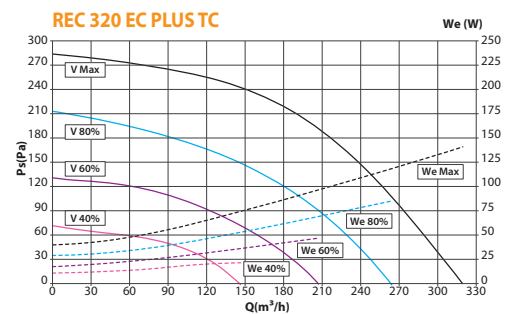
- High efficiency centralized heat recovery unit with thermal efficiency up to 93%.
- Provided with brushless motor for an optimal combination between high performance, silence and low energy consumption.
- Ideal for houses up to 10 rooms.
- Installation configuration: 5 intake points and 5 extract points.
- Max airflow 320 m³/h.
- Centralized heat recovery unit for vertical installation.
- Suitable for ø 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 control panel
- IPX4.
- Complies 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.
- CE marked

PERFORMANCE

| MODEL | m ³ /h max | l/s max | V | W max | A max | dB (A)* | Kg |
|--------------------|-----------------------|---------|-----|-------|-------|---------|----|
| REC 320 EC PLUS TC | 320 | 89 | 230 | 70 | 1,20 | 26 | 28 |

* Lp(A) at 3 m in open field

CURVES



CONTROLLERS - SUPPLIED

REC 320 TC is supplied with a remote Touch Panel controller with coloured screen. The panel allows to manually or automatically activate (through the weekly programming) the following functions:

- Speed/ventilation level regulation
- Ventilation modality (by-pass function, free-cooling, only extraction, only immission)
- Threshold humidity level over which the unit increases its speed
- Post-ventilation function (Timer function, adjustable from 0 to 30 minutes) to delay the switching of the unit at the minimum speed)
- Sleep modality that allow to have the unit running silently at low speed during the night



DIMENSIONS (mm)

