



# REC in linea TC

Centralized Heat Recovery Units  
Horizontal installation



2 - 8 rooms

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

## Energy class A

- Thermal efficiency up to 91%
- Tested by BRE according to EN308
- Integrated by-pass
- EC motors

## FEATURES

- High efficiency centralized heat recovery units with thermal efficiency up to 91%.
- Compact and modular.
- Horizontal installation in false ceilings.
- Lightweight and easy to install.
- Suitable for  $\varnothing$  125 mm ducting system.
- Made in PPE for a perfect thermal and acoustic insulation.
- Provided with integrated by-pass.
- Multispeed high efficiency EC brushless motors.
- Low sound level.
- Filters class M6 in addition to the filters assembled.
- Supplied with fixing plate, and RLS 1WR control panel (EC motor versions).
- IPX2.
- 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.
- CE marked

## PERFORMANCE

MODEL	AIRFLOW MAX		PRESSURE MAX	V at 50 Hz	W max	A max	dB(A)*
	m <sup>3</sup> /h	l/s					
REC in linea 140 EC Plus TC	140	39	210	230	50	0,55	24
REC in linea 180 EC Plus TC	180	50	200	230	70	0,65	24
REC in linea 220 EC Plus TC	220	61	340	230	106	0,90	26

\* Lp (A) measured at 3 m in open field 230V 50 Hz

## MODELS

Complete range composed of 3 models for houses up to 8 rooms:

### REC in linea 140 TC



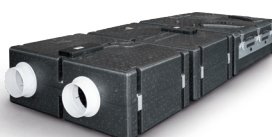
- Ideal for houses up to **4 rooms** and average surface of 80 sqm.
- Installation configuration: **2 intake points and 2 extract points.**
- Max airflow **140 m<sup>3</sup>/h.**

### REC in linea 180 TC



- Ideal for houses up to **6 rooms** and average surface of 100 sqm.
- Installation configuration: **3 intake points and 3 extract points.**
- Max airflow **180 m<sup>3</sup>/h.**

### REC in linea 220 TC



- Ideal for houses up to **8 rooms** and average surface of 120 sqm.
- Installation configuration: **4 intake points and 4 extract points.**
- Max airflow **220 m<sup>3</sup>/h.**

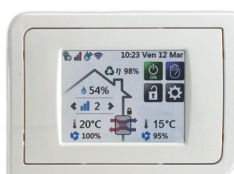


## CONTROLLERS - SUPPLIED

### RLS 1 WR

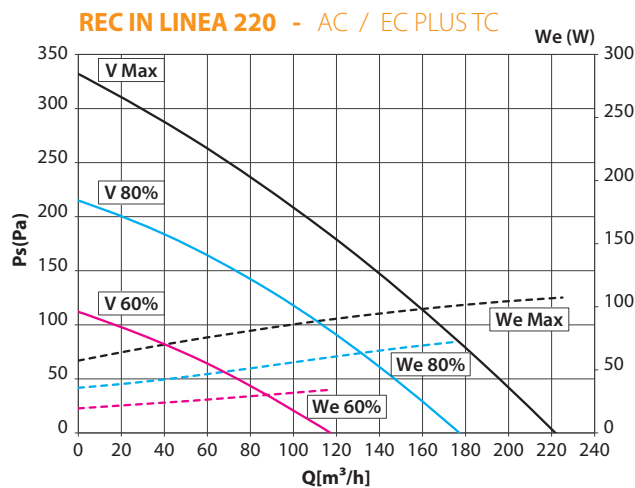
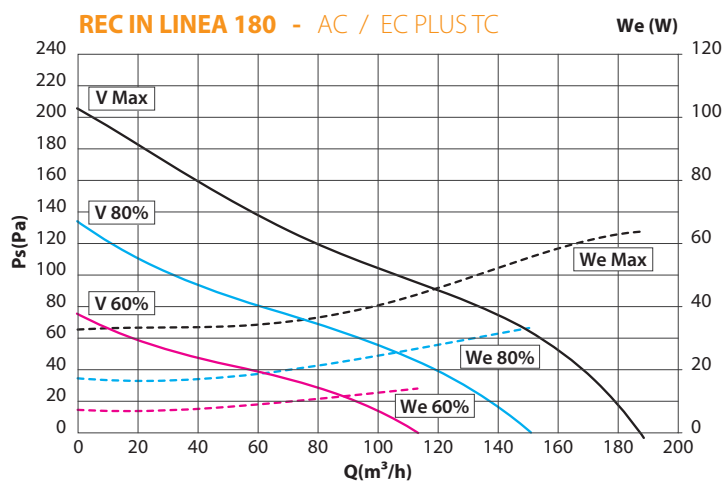
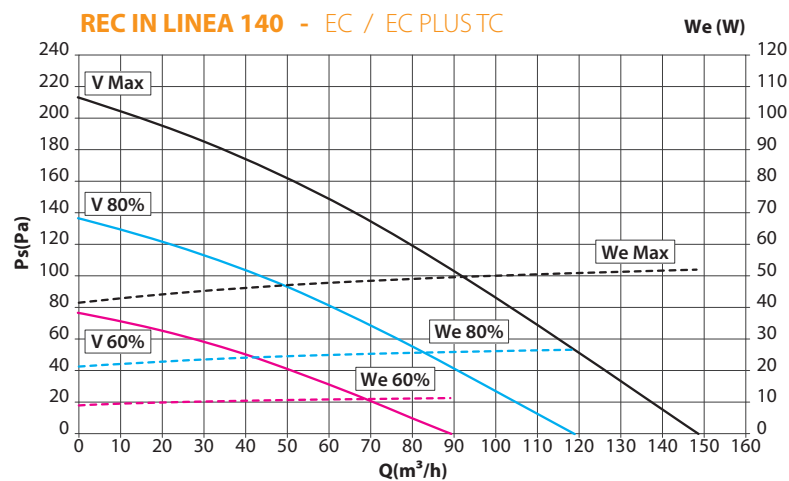
REC In Linea TC is supplied with a remote Touch Panel controller with coloured screen. The panel allows to manually or automatically manage (through the weekly programming) the following functions:

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





## CURVES



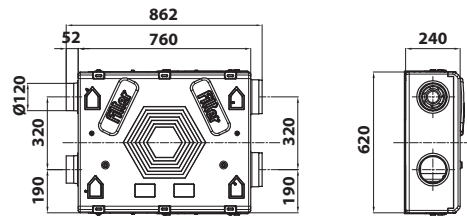


# REC in linea / REC in linea TC

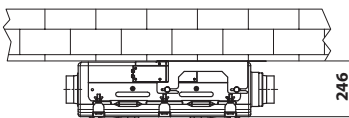


Centralized Heat Recovery Units  
Horizontal installation

## DIMENSIONS (mm)

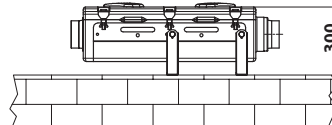


CEILING INSTALLATION



Passive unit + Motors + By-Pass

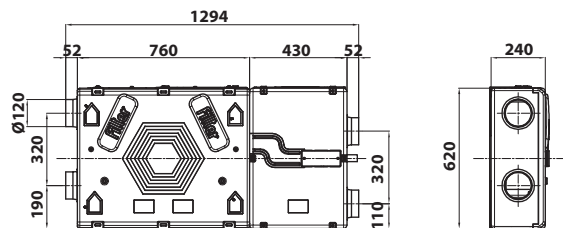
Passive unit + Motors + By-Pass



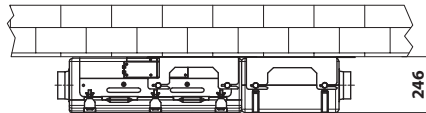
FLOOR INSTALLATION

**REC in linea 140**  
**REC in linea TC 140**

Kg. 13

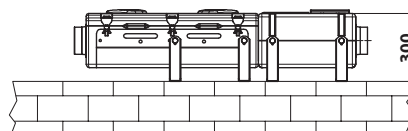


CEILING INSTALLATION



Passive unit + By-Pass Motors

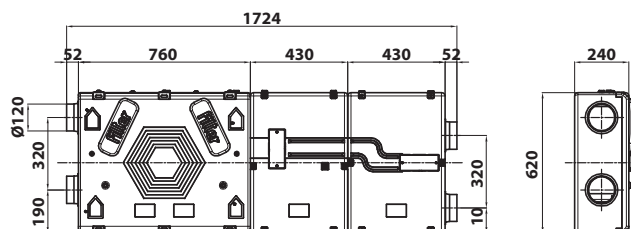
Passive unit + By-Pass Motors



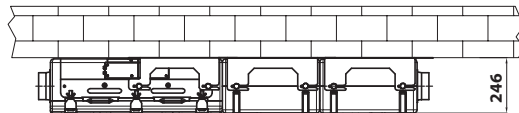
FLOOR INSTALLATION

**REC in linea 180**  
**REC in linea TC 180**

Kg. 18,5

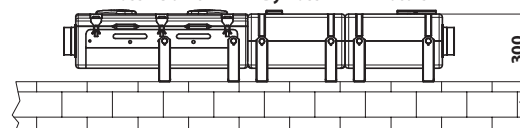


CEILING INSTALLATION



Passive unit By-Pass Motors

Passive unit By-Pass Motors



FLOOR INSTALLATION

**REC in linea 220**  
**REC in linea 220 TC**

Kg. 22