



2 - 8 rooms



Complies 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.
- Complies with EN 60335-2-80, LVD 2014/35/EU, EMC 2014/30/EU.
- Performance measured according to EN 13141-7, EN 5801 and EN 308.
- CE marked.

PERFORMANCE

MODEL	AIRFLOW MAX		PRESSURE MAX	V at 50 Hz	W max	A max	dB(A)*
	m ³ /h	l/s					
DYREC in linea 140 EC Plus TC	140	39	210	230	50	0,55	24
DYREC in linea 180 EC Plus TC	180	50	200	230	70	0,65	24
DYREC 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:

DYREC 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 m³/h.**

DYREC 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 m³/h.**

DYREC 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 m³/h.**

CONTROLLER - SUPPLIED

RLS 1 WR

DYREC In Linea 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:

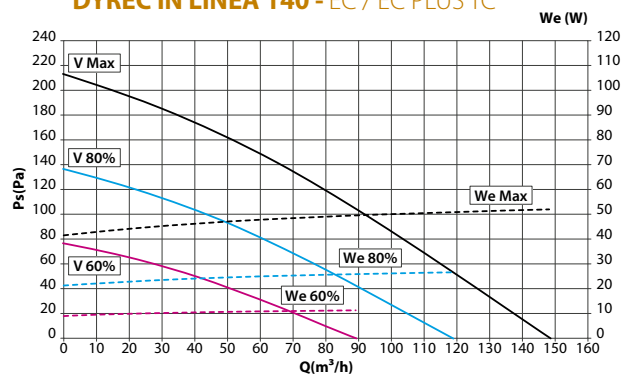
- Speed/ventilation level regulation
- Ventilation modality (by-pass function, free-cooling, only extraction, only immission)
- Post-ventilation function (Timer function, adjustable from 0 to 30 minutes) to delay the switching of the unit at the minimum speed)
- Sleep modality that allows to have the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



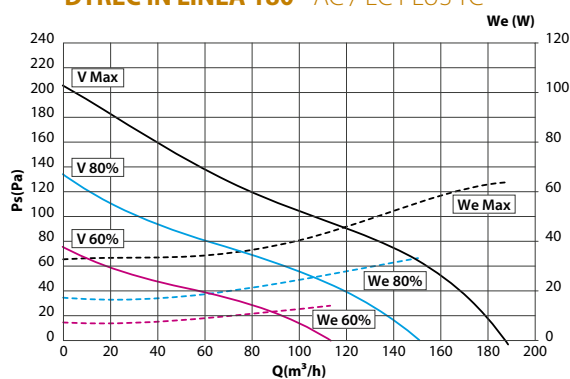


CURVES

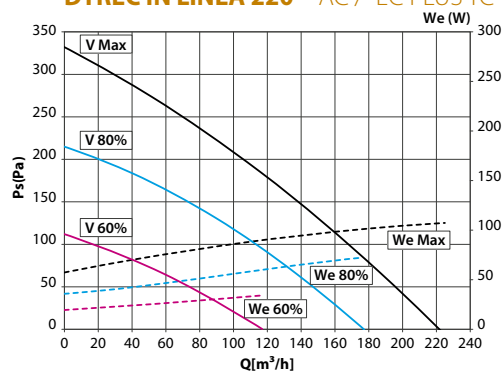
DYREC IN LINEA 140 - EC / EC PLUS TC



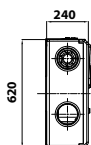
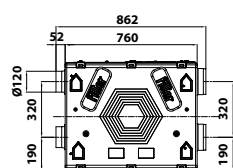
DYREC IN LINEA 180 - AC / EC PLUS TC



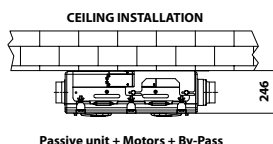
DYREC IN LINEA 220 - AC / EC PLUS TC



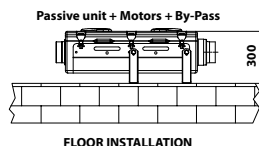
DIMENSIONS (mm)



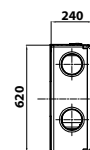
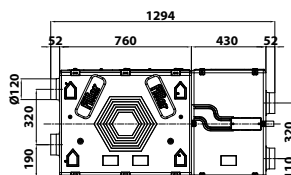
DYREC in linea 140
DYREC in linea TC 140
Kg. 13



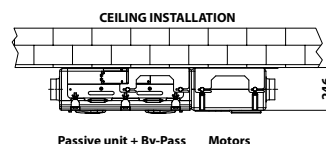
Passive unit + Motors + By-Pass



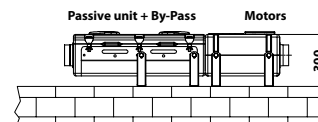
FLOOR INSTALLATION



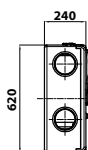
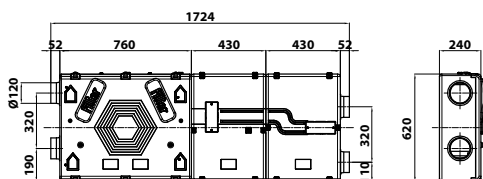
DYREC in linea 180
DYREC in linea TC 180
Kg. 18,5



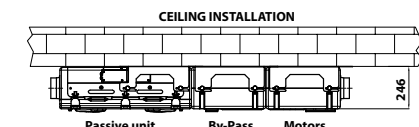
Passive unit + By-Pass Motors



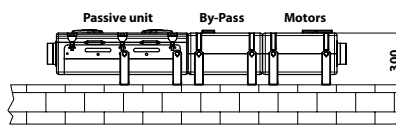
FLOOR INSTALLATION



DYREC in linea 220
DYREC in linea 220 TC
Kg. 22



Passive unit By-Pass Motors



FLOOR INSTALLATION