



DYREC in linea TC



Centralized Heat Recovery Units
Horizontal installation



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:

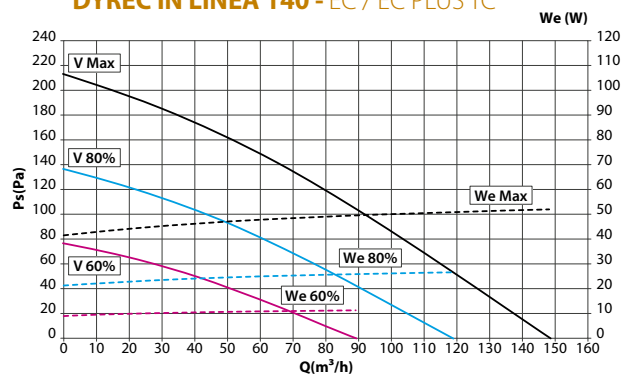
- Speed/ventilation level regulation
- Ventilation modality (by-pass function, free-cooling, only extraction, only immission)
- Threshold humidity level over which the unit increases its speed
- Post-ventilation function (Timer function, adjustable from 0 to 30 minutes) to delay the switching of the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



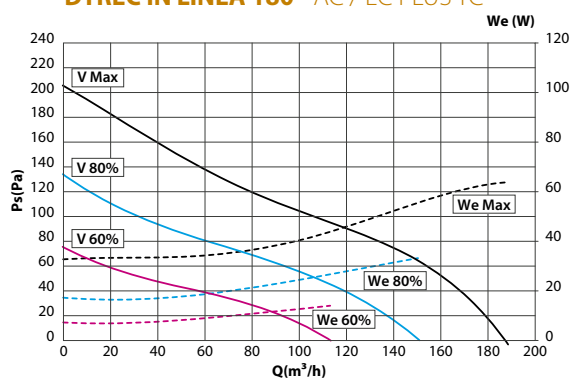


CURVES

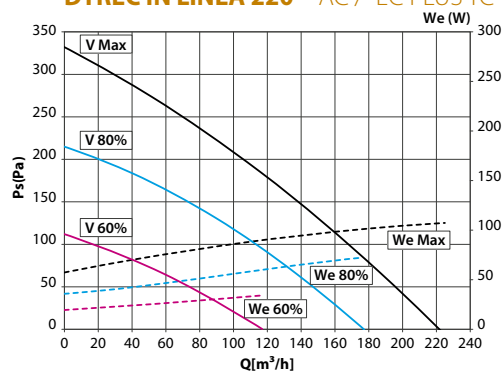
DYREC IN LINEA 140 - EC / EC PLUS TC



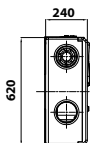
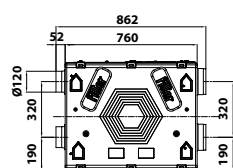
DYREC IN LINEA 180 - AC / EC PLUS TC



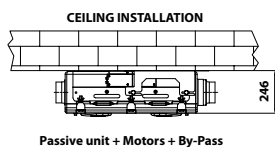
DYREC IN LINEA 220 - AC / EC PLUS TC



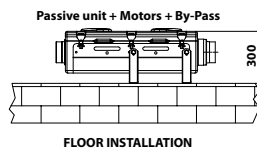
DIMENSIONS (mm)



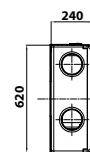
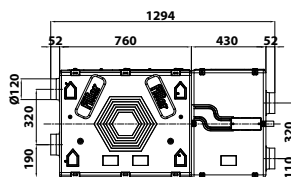
DYREC in linea 140
DYREC in linea TC 140
Kg. 13



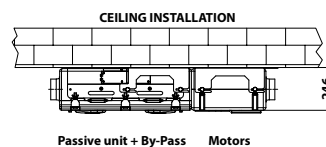
Passive unit + Motors + By-Pass



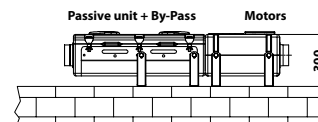
FLOOR INSTALLATION



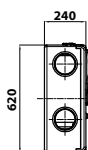
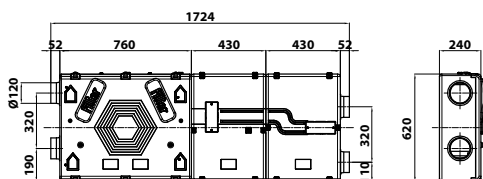
DYREC in linea 180
DYREC in linea TC 180
Kg. 18,5



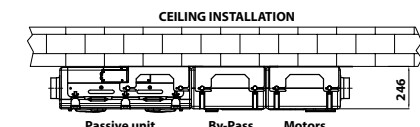
Passive unit + By-Pass Motors



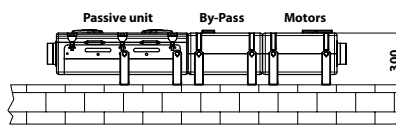
FLOOR INSTALLATION



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



Passive unit By-Pass Motors



FLOOR INSTALLATION