



Decentralized ventilation unit, with heat recovery, for single rooms in domestic or commercial applications. Elegant design that allows its adaptation to any environment. Brushless motor with low consumption electronic control. Ventilation system through an reversing motor and a heat exchanger with a performance up to 93%. Designed for a continuous operation, the unit adjusts the airflow proportionally to the humidity level (model RD), ensuring excellent indoor air quality.

#### Characteristics

- Ceramic heat exchanger.
  - Alternative ventilation system.  
70 second cycles in supply and extraction.
  - Filter at both ends of the exchanger.
  - Defrost control not required.
  - Flow up to 30 m<sup>3</sup>/h model 100.
  - Flow up to 60 m<sup>3</sup>/h model 150.
  - Supply voltage 220-240V.
- MODEL 150 / 100
- 2 speeds per manual control.
- MODEL 150 RD / 100 RD
- 3 speeds.
  - Remote control.
  - Possibility of synchronizing different equipment (up to 16).
  - Proportional flow according to hygrostat.



#### Remote control of model RESPIRO RD

- 3 speeds  
Humidity control  
Modes:
- Only extraction
  - Only supply
  - Reversing impulsion and extraction.
  - Security is only activated if humidity exceeds the limit.



**Ceramic heat exchanger**  
with performance up to 93%, protected with a G3 filter at both ends



**Internal front cover**  
of elegant design, which allows adaptation to any environment.

#### Specific applications



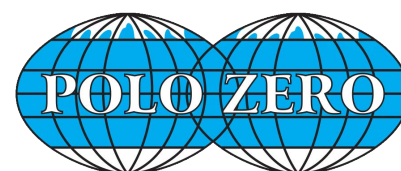
VMC  
Single  
Dwellings



VMC  
Multi dwelling  
blocks



Heat recovery  
units



COMPONENTES PARA REFRIGERAÇÃO, LDA.

**TECHNICAL CHARACTERISTICS**

It is essential to check that the electrical characteristics (voltage, current, frequency, etc.) of the motor which appear on the motor plaque are compatible with those of the installation.

Model	Speed (m/s)	Voltage 50 Hz (V)	Absorbed power (W)	Minimum airflow (m³/h)	Sound pressure level (dBA) at 3 m	Maximum performance	Medium performance
RESPIRO 100	1	220-240 VAC	3,9	15	19	93%	70%
	2	220-240 VAC	7,9	30	29	93%	78%
RESPIRO 100 RD	1	220-240 VAC	3,9	15	19	93%	70%
	2	220-240 VAC	5,9	22,5	24	93%	74%
	3	220-240 VAC	7,9	30	29	93%	78%
RESPIRO 150	1	220-240 VAC	4,9	30	13	93%	70%
	2	220-240 VAC	8,9	60	23	93%	78%
RESPIRO 150 RD	1	220-240 VAC	4,9	30	13	93%	70%
	2	220-240 VAC	6,9	45	20	93%	74%
	3	220-240 VAC	8,9	60	23	93%	78%

**DIMENSIONS (mm)**

