

Ventilation unit that provides supply ventilation in dwellings whose distribution does not allow use of whole house ventilation system.

The unit draws air outdoors, passes air via its anti-insect G4 filter and supplies it into the house via the hallway.

The unit includes 4 operating schemes with DC and low consumption motor, automatic regulation of airflows and electric battery that allows constant supply temperature.

Configuration:

- Anti-insect G4 filter.
- Electric battery of 500 W.
- Fan with DC motor.
- 1 fixing kit (screw and silent-blocks).

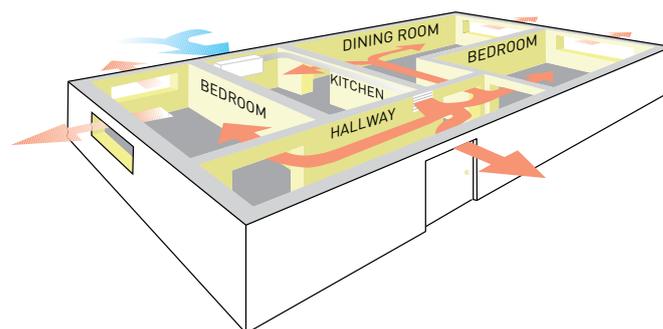


INSTALLATION



PIV W unit takes the air from the façade (preferably oriented to south), passes air via a anti-insect filter and supplies it into the dwelling via hallway.

OPERATING SCHEME



ADVANTAGES

- Easy to mount, it does not require complex construction.
- Filtering of the air supplied into the house.
- Self-regulation of temperatures according to outdoor conditions.

WHOLE HOUSE EXTRACT UNIT PIV W SERIES

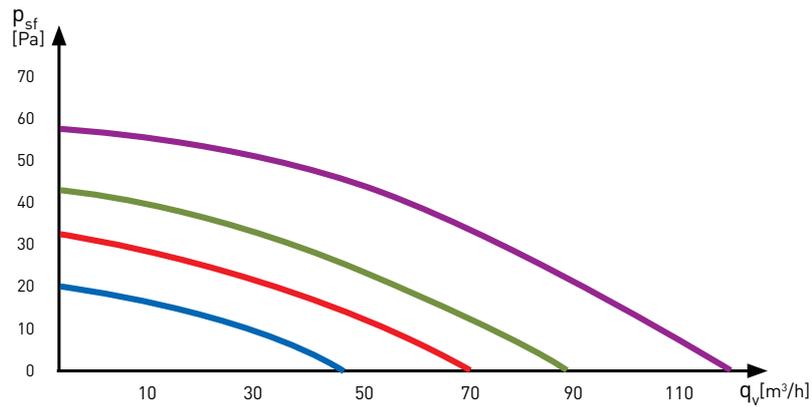


Recommendations for correct operation

In case of a very leak-tight dwelling or with any room with specific moisture problems, it is advisable to mount above the windows an air inlet of EC range or, in case of high noise level from outside, of ECA range.



PERFORMANCE CURVE



TECHNICAL CHARACTERISTICS

It is essential to check that the electrical characteristics (voltage, intensity, frequency, etc.) indicated in the motor plate are compatible with the installation.

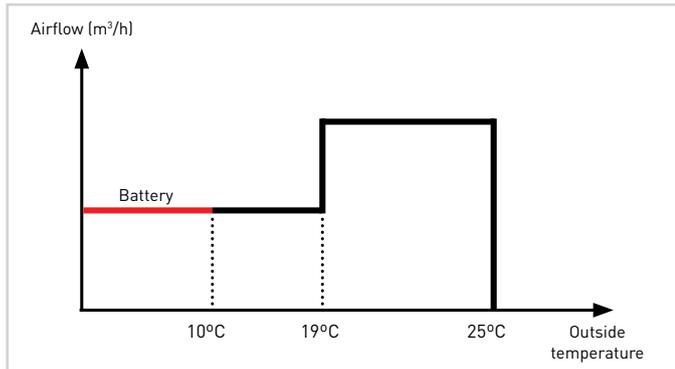
Model	Voltage (V)	Motor	Absorbed power at free discharge (W)	Heating battery power (W)	Maximum airflow (m³/h)	Sound pressure level radiated at 3 m (dB(A))	Protection/Insulation
PIV W	230	EC	11	500	112	28	IP20 / Clase II

INCORPORATED PRE-HEATING BATTERY

An electric battery of 500W pre-heats the new air when needed.
The battery only operates when supply temperature is lower than 10°C (or 15°C if we look for greater comfort).
The operation of the battery is automatic, but it can be disconnected via a switch (not supplied).

REGULATION

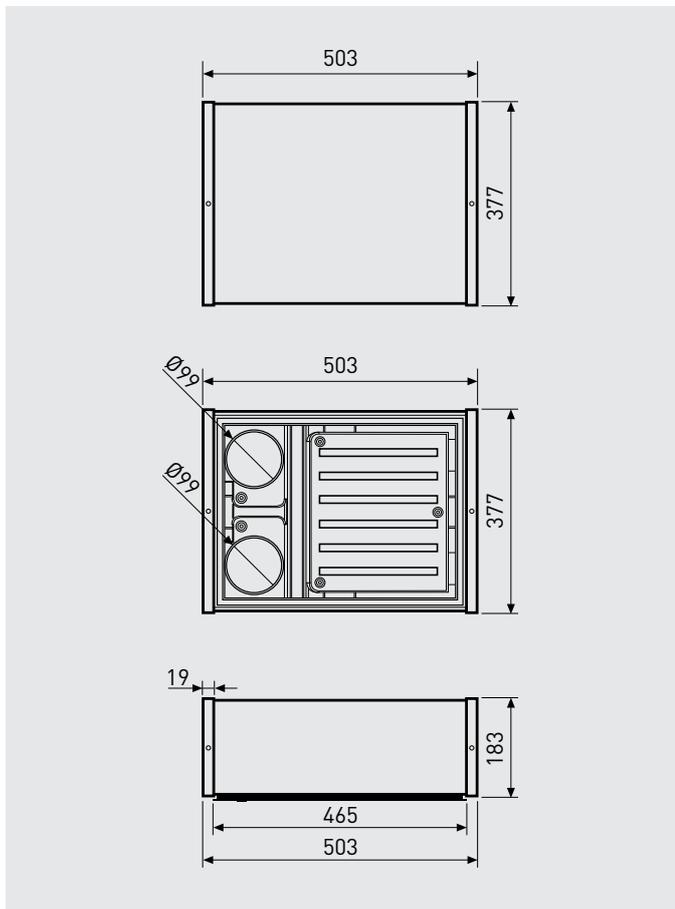
According to the operation scheme selected, the unit modifies its airflow depending on the outside air temperature.
When it exceeds 25°C, the unit can optionally stop its operation, avoiding excessive heating of the house.



Operating schemes	T < 19°C		T > 19°C	
	Airflow (m³/h)	Power (W)	Airflow (m³/h)	Power (W)
1	40	5,7	55	6,7
2	55	6,7	70	7,7
3	70	7,7	110	10,9
4	110	10,9	110	10,9

Sensors can be disconnected, if necessary, and this way the unit would operate at one speed.

DIMENSIONS (mm)



ACCESSORIES



TUBPLA V TUBPLA

Rectangular self-extinguishing plastic ducts. TUBPLA V series includes a sealing gasket.



GP GPX GP-PRO GP-ISO

PVC ducts.



BDOP

Supply and extraction valves.



BOX PROFILE

Decorative covers for ducts and accessories.