

## Whole house extract unit PIV Series

### PIV

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

The PIV unit draws air from the attic, where temperature is always higher than external air, passes air via a filter and supplies it into the dwelling via hallway below attic.

G4 filter is oversized (to 3 sides of the unit, 270°) to increase service life.

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

#### Versions

- PIV: standard model
- PIV BP: model equipped with by-pass to take air directly from outside.

#### Configuration

- G4 filter
- Electric battery of 500 W.
- Fan with DC motor.
- Supply valve with Ø 200 mm.
- 1 m of flexible duct with Ø 200 mm.
- 1 fixing kit (screw and silent-blocks).

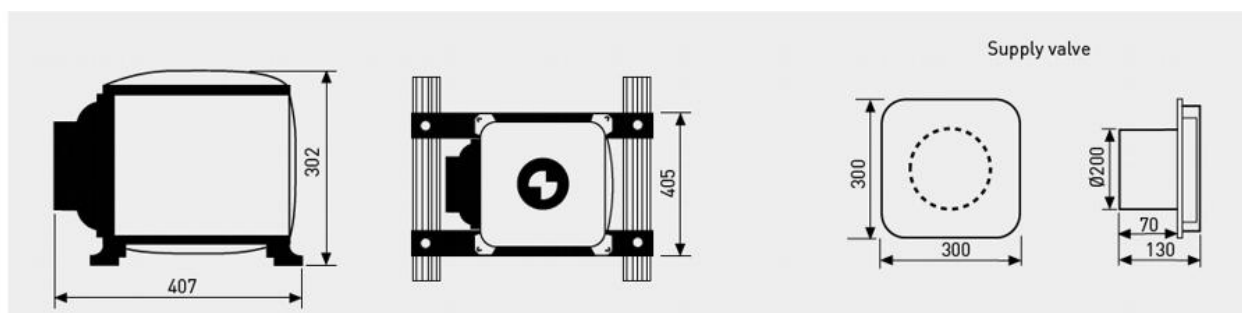


## Technical data

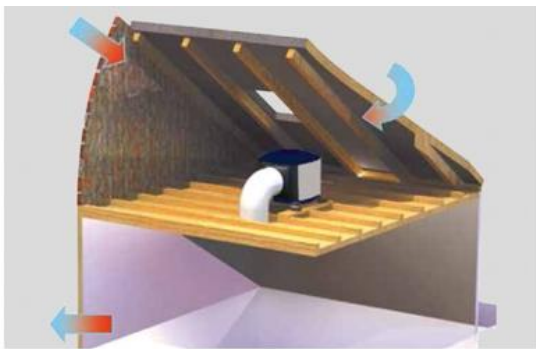
### Technical characteristics

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	230	CC	9	500	210	28	IP20 / Clase II
PIV BP	230	CC	10	500	200	28	IP20 / Clase II

### Dimensions



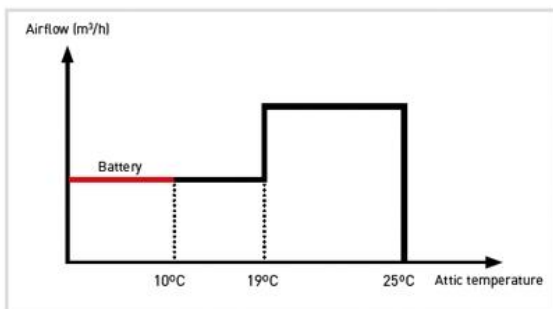
### Installation



PIV unit takes the air from the attic, where temperature is always higher than external air, passes air via a filter and supplies it into the dwelling via hallway below attic. It has available a pre-heating battery for the new air, for cold seasons. If the attic temperature is higher than 25°C, the ventilation stops.

PIV BP model has an outside air intake. If attic temperature is higher than 25°C, the unit directly takes the air from outside to avoid reheating of the dwelling.

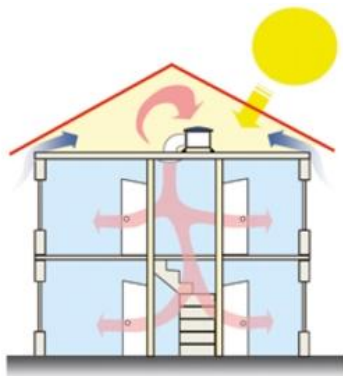
## Function



Operating schemes	T < 19°C		T > 19°C	
	Airflow (m³/h)	Power (W)	Airflow (m³/h)	Power (W)
1	70	4,1	100	6,2
2	100	6,2	140	8,6
3	140	8,6	210	11,1
4	210	11,1	210	11,1

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

## Operation



### 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.