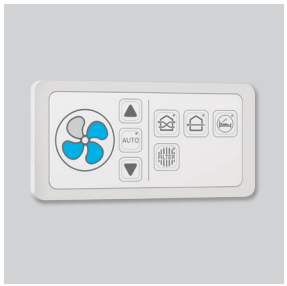
Decentralized ventilation unit, with heat recovery for single rooms in domestic or commercial applications.
Its design allows its adaptation to any environment.
Performance up to 93%.
Brushless motor with low comsumption electronic control.
Ventilation system through a reversible motor and a ceramic heat exchanger.
Designed for a continuous operation, the unit adjusts the airflow proportionally to the humidity level, ensuring excellent indoor air quality.

- PULSE 160 should be operated in pairs; with one unit blowing in fresh air and the other extracting.
- Noiseless fan.
- High efficiency ceramic heat exchanger.
- Alternative ventilation system. 50 and 70 seconds cycles in supply and extraction.
- ISO Coarse 60% filters at both ends of the exchanger for optimal health protection.
- Defrost control not required.
- Airflow up to 43 m^3/h.
- Supply voltage: 220 - 240V, using the PULSE CONTROL PRO accessory.
- The unit control PULSE CONTROL PRO, with a 2,9W power consumption, is able to control up to 6 units.
- 4 speeds per remote control.
- Remote control with the possibility of synchronizing different equipment (up to 6).
- Proportional flow according to hygrostat.



PULSE remot control.

Specific applications

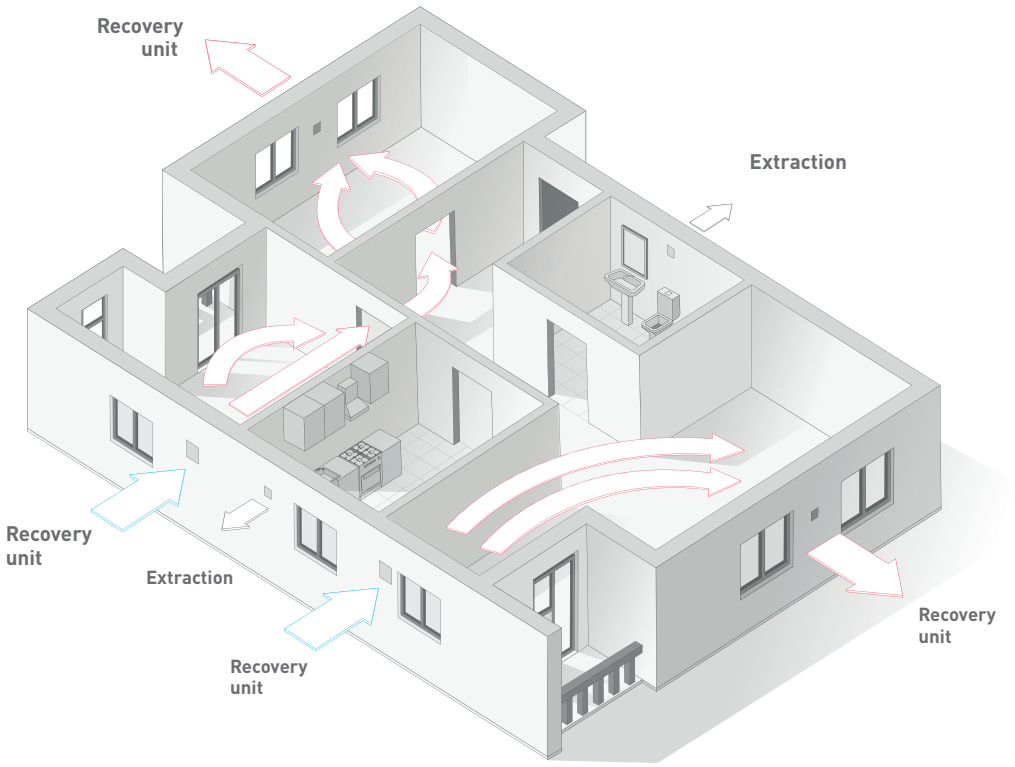
VMC Single dwellings

VMC Multi dwelling blocks

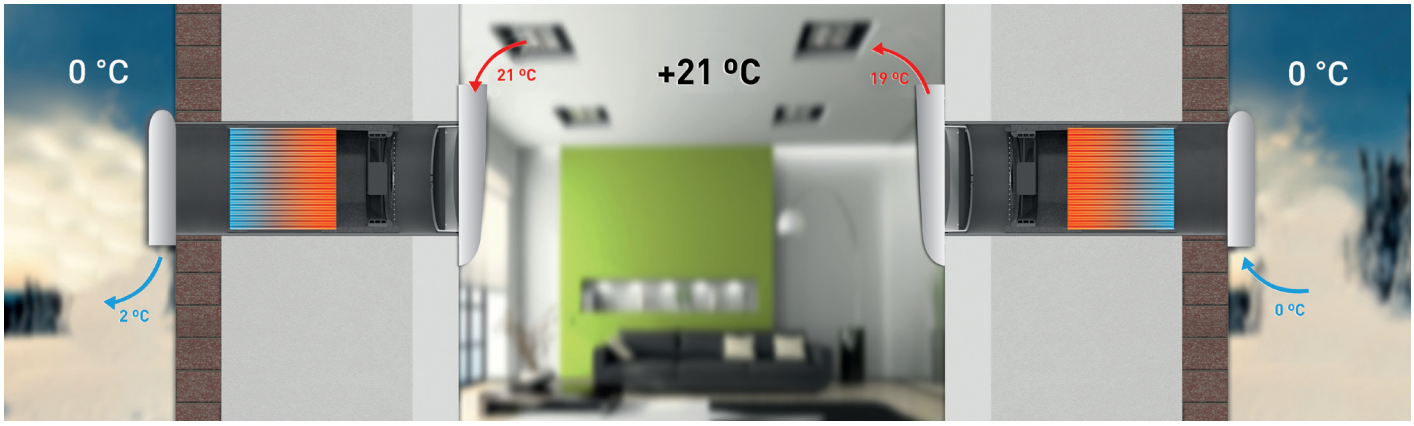
Heat recovery unit

Operating principle

PULSE 160 units should be operated in pairs; one device supplying fresh air into the dwelling while the other is extracting the polluted air.



WINTER ENERGY RECOVERY



FOUR-STEP INSTALLATION

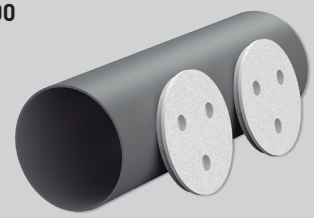
When it comes to new construction buildings, installers may prefer to set up the unit step by step.

1. PREMOUNTING

In this stage the walls are not properly finised. The installer drills a hole in the wall and installs a mounting tube.

Two models of mounting tubes are available depending on the wall's wide. Mounting tubes are delivered within two covers to protect the building from the entrance of dirtiness/water.

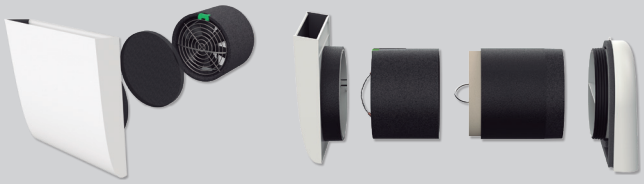
500 mm: **PULSE 160 MT500**
700 mm: **PULSE 160 MT700**



2. FINAL SET UP

Once the construction has ben finished, installer can order and install the rest of parts that build up the whole PULSE 160 device.

PULSE 160 FINAL INSTALLATION SET
Includes: fan, heat exchanger, filters and inside cover.



3. OUTDOOR FINISHING

Next step is to select the outdoor finishing. There are two options available:

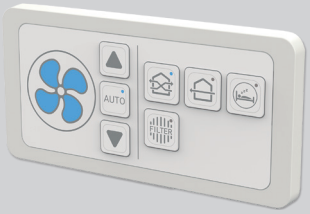
OUTSIDE COVER

WINDOW REVEAL

4. COMMISSIONING

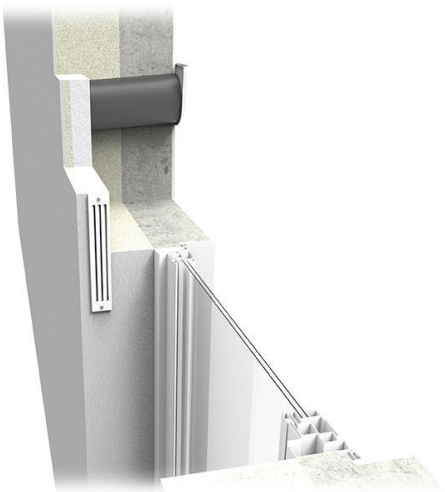
For commissioning, a remote control is required. The remote control available as accessory can manage up to 6 units.

PULSE CONTROL PRO



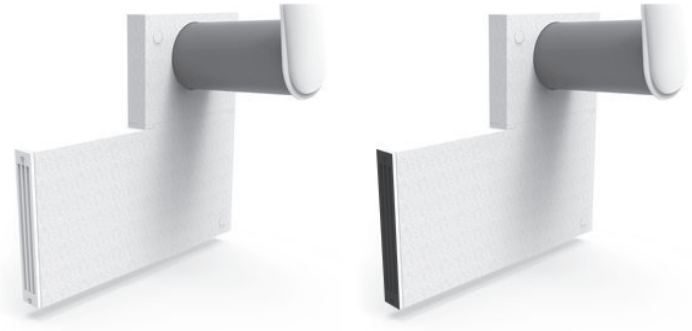
WINDOW REVEAL

The unit can be installed in the window reveal which provides increased external noise absortion. The exterior insulation and finish system (EIFS) only needs to be 80 mm thick.



BENEFITS:

- Barely visible on the facade.
- Very high absorption of external noise.
- High level of thermal insulation.
- Simple installation and cleaning.
- Two colours available for the outside grille: white and anthracite.

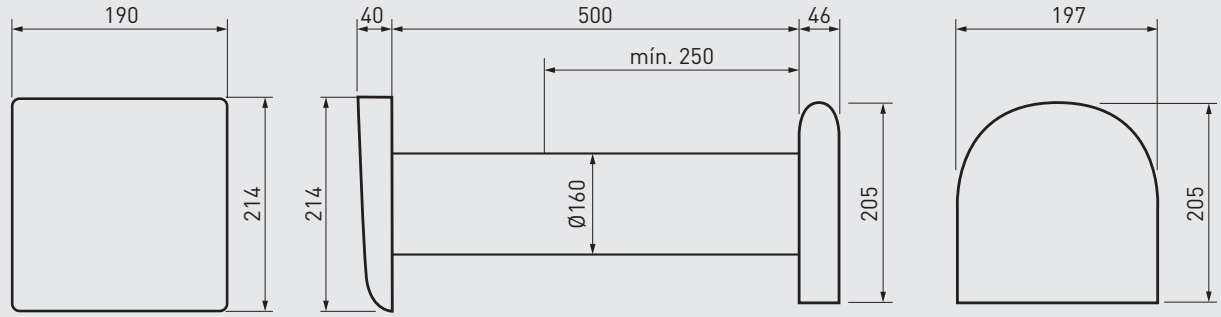


TECHNICAL CHARACTERISTICS

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.

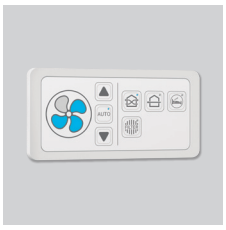
Model	Speed	Absorbed power (without control) (W)	Airflow (m^3/h)	Sound pressure level (dBA) at 2 m	Heat recovery efficiency according to EN13141-8
PULSE 160	1	0,9	16	14	81,6
	2	1,1	22	20	
	3	1,6	30	32	
	4	2,8	43	35	

DIMENSIONS (mm)



ACCESSORIES

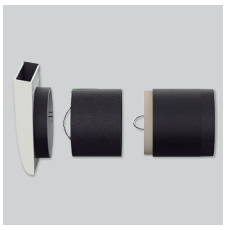
PULSE FILTER SET
Filter kit.



PULSE CONTROL PRO
Control unit.

OUTSIDE COVER

MOUNTING TUBES (550 & 750 mm)
PULSE 160 MT500.
PULSE 160 MT700.



PULSE 160 FINAL INSTALLATION SET
- Inlet cover.
- Noiseless fan.
- High efficiency heat exchanger.
- PM2.5 filters..

WINDOW REVEAL
- Barely visible on the facade.
- Increased sound protection..