CADS-FLEXEO BP version

Static (without fan) high efficiency heat recovery units (up to 94%). The low profile and light weight allow installation in ceiling voids, in single dwelling houses or multi-dwelling blocks.
EPP material body with easy access via turnbuckle latches, with pivoting spigots at 90º, M5 filter (ISO ePM10 50%, at 210 m^3/h) during the impulsion.

The CADS-FLEXEO BP version includes automatic or manual 100% bypass, designed in a way that it does not affect the height of the heat recovery unit, allowing its installation on false ceilings. Available a remote control (accessory) to activate the boost function, the by-pass and the reset filter alarm.

Smart Ventilation Systems

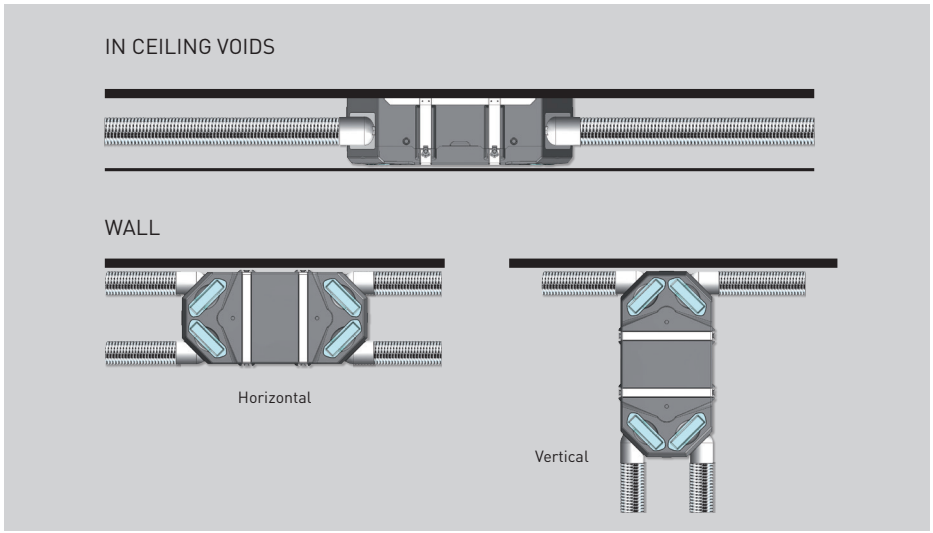
LOW PROFILE

Specific applications

Multi dwelling blocks

Single dwellings

Heat recovery unit



Alternative fitting

MANDO CADS FLEXEO
MANDO CADS FLEXEO BP
Remote control. Functions:
- Boost: to regulate ALIZE extraction valve in the kitchen, and the RMME damper in the living room.
- Clogged filter alarm.
- Manual by-pass, 8 hours (only in MANDO CADS FLEXEO BP model).



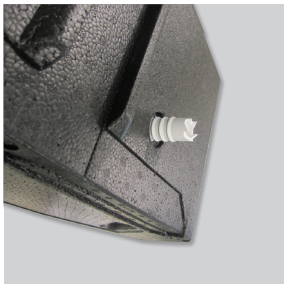


Quick and easy installation and anchoring via a set of clips that can be immediately adjusted.

Very compact - Low Profile
Suitable for installation in ceiling voids.

High-efficiency heat exchanger.

CADS-FLEXEO BP Version



Condensation drain.








Multi-position outlets, pivoting at 90º, which facilitate the installation process.


M5 filter (ISO ePM10) and G4 (ISO coarse 65%).
Easy access to filters.



Turnbuckle latches for secure and air tight casing.

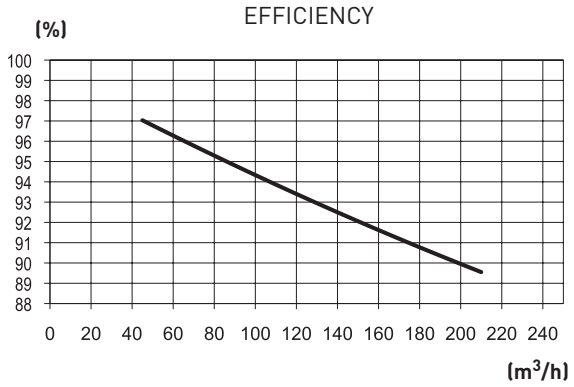
TECHNICAL CHARACTERISTICS

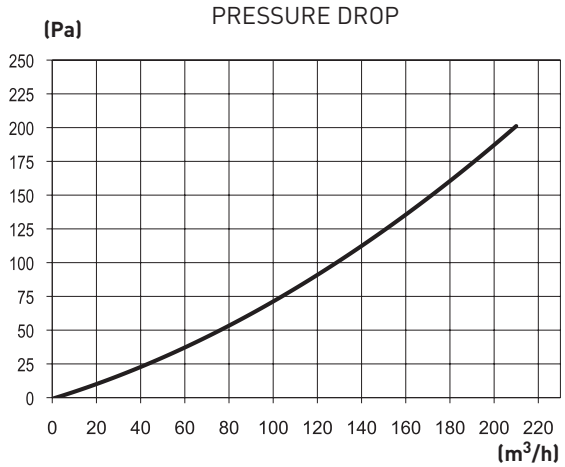
Model	Efficiency %	Maximum airflow (m^3/h)
CADS-FLEXEO 210	94	210
CADS-FLEXEO 210 BP	94	210

REMOTE CONTROL CONSUMPTION (OPTIONAL ACCESSORY)

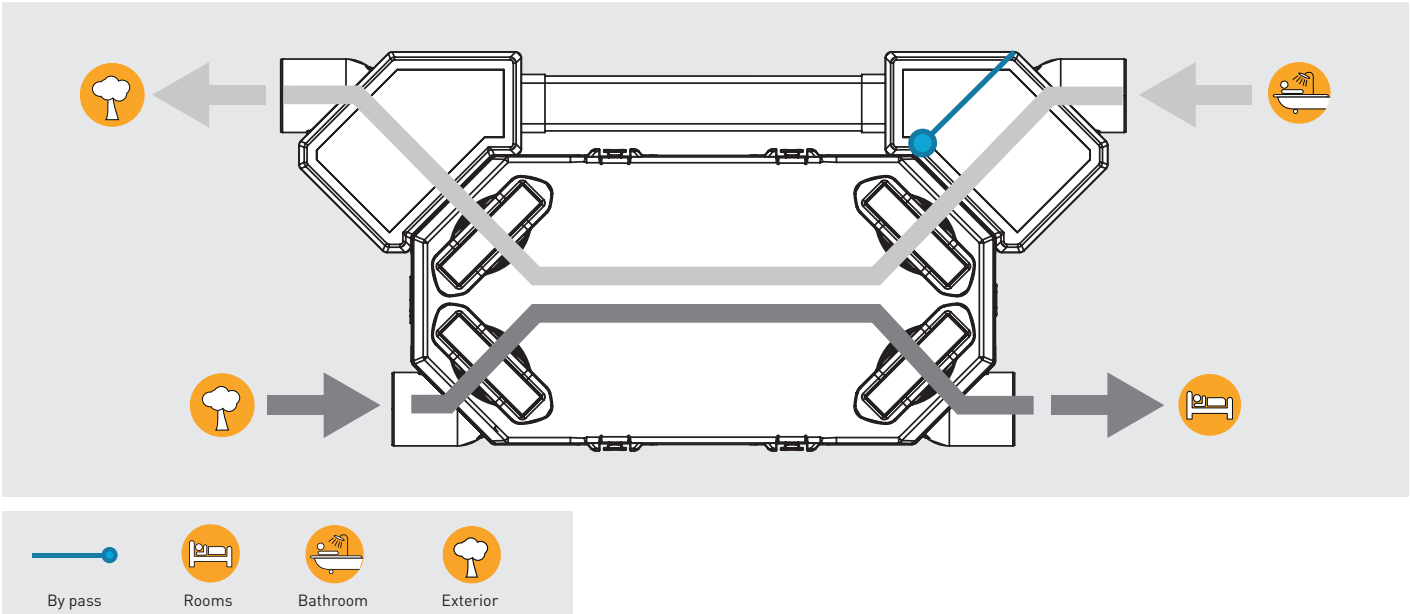
Model	Voltage (V)	Absorbed power (W)
CADS-FLEXEO 210	230	<1
CADS-FLEXEO 210 BP	230	<1

CHARACTERISTIC CURVES





AIRFLOW DIRECTION



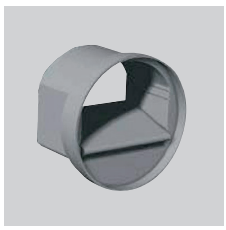
MOUNTING ACCESSORIES

KIT M5/G4 FLEXEO
Replacement set of M5 and G4 filter.

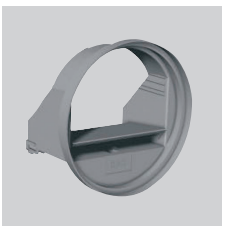
BARJ
BARP
Self-adjusting calibrated extraction valves.

BDOP
Supply and extraction.

RDR
Self-adjusting damper (50-250 Pa) that, fitted inside the duct, maintains constant airflow.



RD BP
Specific low-pressure (20-100 Pa) and self-adjusting damper with sleeve to fit directly into the duct.
80mm diameter.
Airflow: 15 or 30 m^3/h.

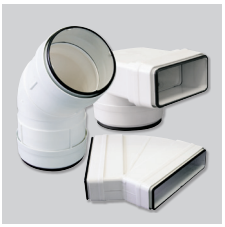


RD BP SM
Specific low-pressure (20-100 Pa) and self-adjusting damper without sleeve to fit directly into the sleeve of the BDOP.
80mm diameter.
Airflow: 15 or 30 m^3/h.

RMME
Self-regulating double-flow damper.

GPR-ISO
Insulated rigid duct.

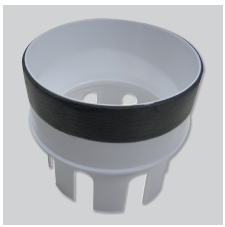
GP
GPX
GP-PRO
GP-ISO
Insulated PVC ducts.



TUBPLA V
TUBPLA
Self-extinguishing rectangular ducts with or without gasket.

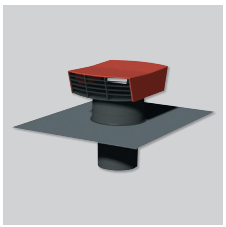
TAT
Air inlet grille under roof.

TAP
Wall mounted air inlet grillle.

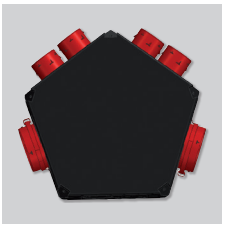


ADRF 100/80
Reduction to connect rigid duct to spigots for flexible ducts.

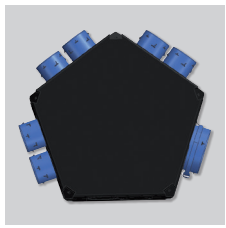
PAF
Wall outlet grille.



CT
Roof cowl.



PLENUM UNI EX 5P/125
Insulated extraction plenum of 125mm diameter, 1 Kitchen spigot of 125mm diameter and 4 sanitary spigots of 80mm diameter.



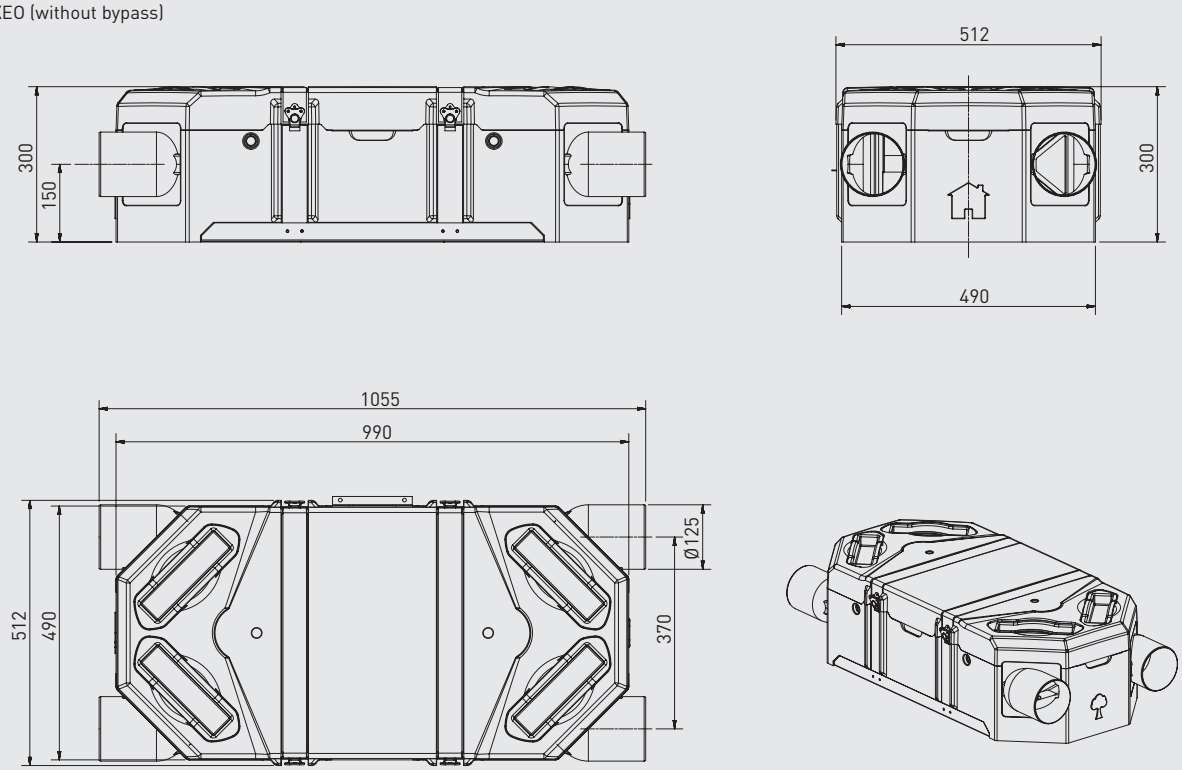
PLENUM UNI 6P/125
Insulated supply plenum of 125mm diameter and 6 spigots for dry areas (living room, dining room, roms) of 80mm diameter.

ELECTRICAL ACCESSORIES

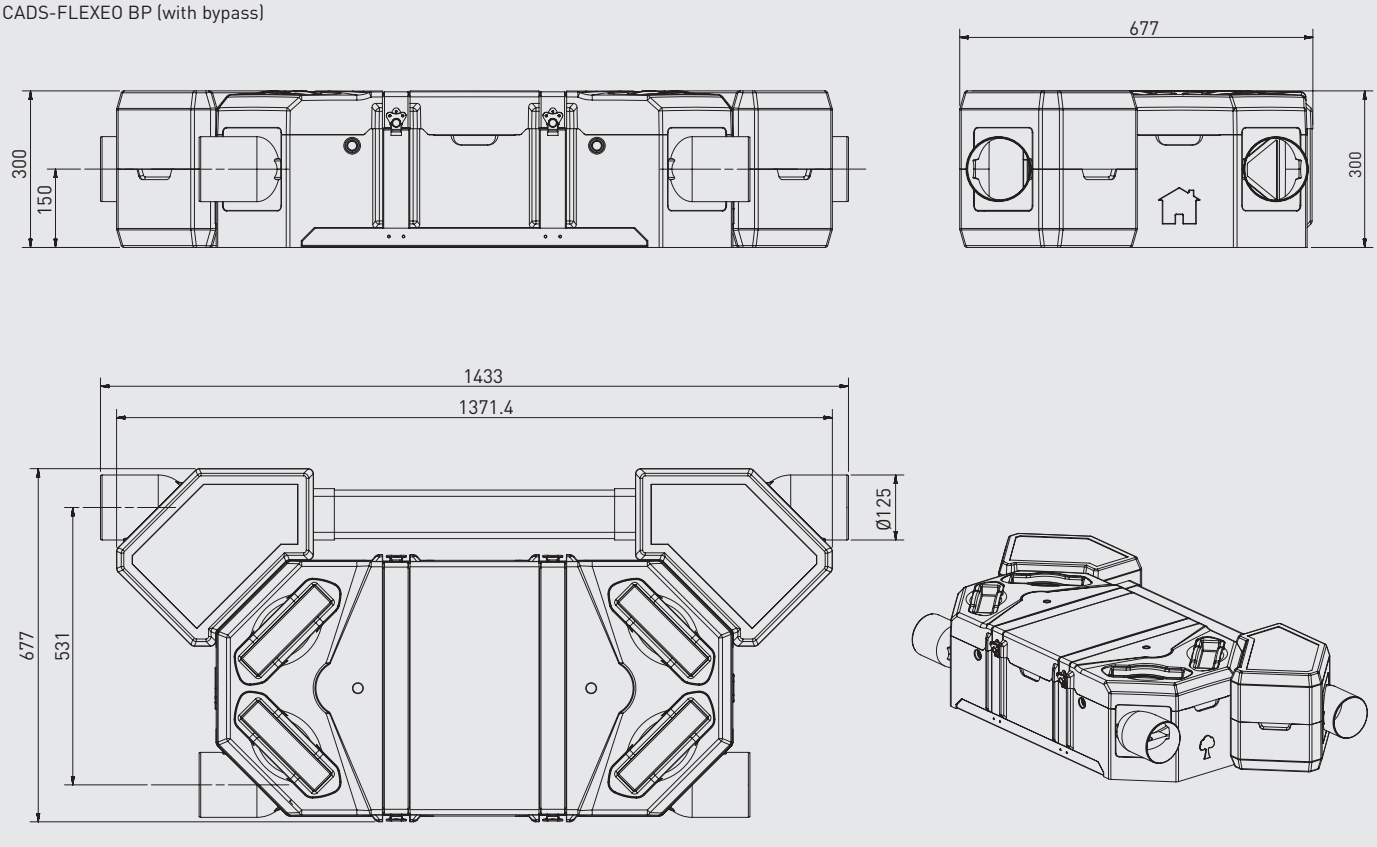
MANDO CADS FLEXEO
MANDO CADS FLEXEO BP

DIMENSIONS (mm)

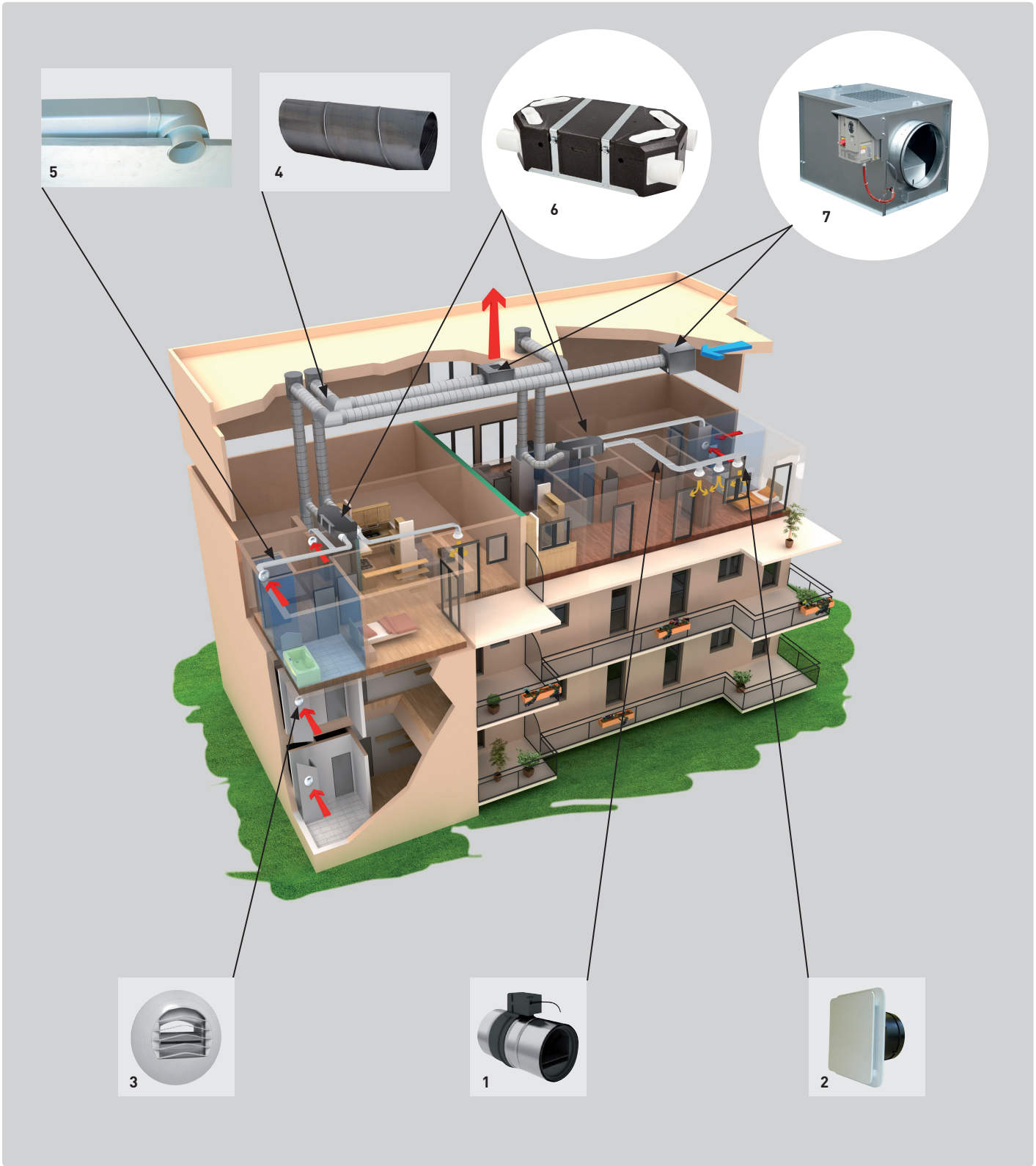
CADS-FLEXEO (without bypass)



CADS-FLEXEO BP (with bypass)



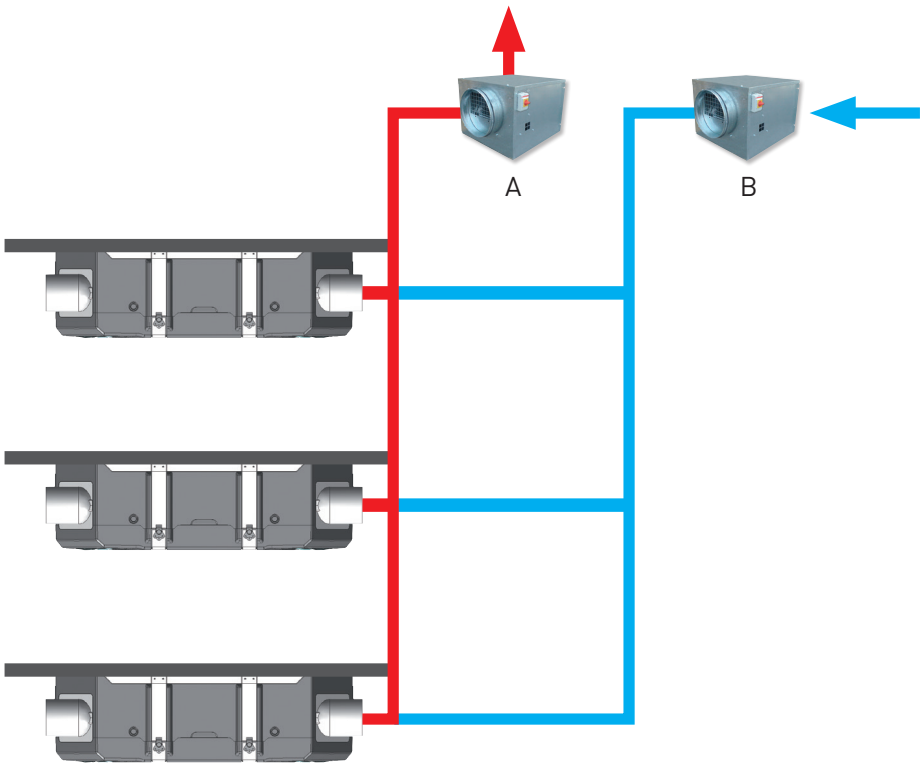
CADS-FLEXEO SERIES - EXAMPLE OF INSTALLATION IN COLLECTIVE DWELLINGS



1. Double-flow damper RMME.
2. Supply valves BDOP.
3. Self-adjusting electrical extraction valves BAR E
4. Ducts and circular metallic accessories.
5. Self-extinguishing rectangular ducts.
6. CADS-FLEXEO Series.
7. CACB-N ECOWATT and/or CACT-ECOWATT inlet box and outlet box.

INSTALLATION IN COLLECTIVE DWELLINGS

A centralised extract fan (A) extracts the air from the whole building.
A centralised supply fan (B) blows air into the whole building.
The heat exchanger is located in each dwelling, optimising the system efficiency.



INSTALLATION IN COMMERCIAL AREAS

A centralised extraction fan (A) extracts the air from the entire premises.
A centralized supply fan (B) blows outside air into the entire premises.
The heat exchanger is located in each sector within the premises, optimising the system efficiency.