



225 Compact

Ventilation system

225 COMPACT

COMPACT SOLUTION, SMART VENTILATION

The 225 Compact ventilation unit is a balanced ventilation system with heat recovery. Its compact dimensions ensure that the ventilation system fits easily into a cupboard – so, no problem if there is no separate boiler room available. Vasco is completing its ventilation range for residential use with this new and extremely compact ventilation unit. This energy-efficient, sustainable solution ensures perfect indoor climate control in service flats, apartments and studios.



Our detailed installation video provides a step-by-step guide on how to correctly install and connect your ventilation unit to the system.



BENEFITS

- For apartments, studios & service flats
- With heat recovery & 100% bypass
- Easy installation & service
- Smart control options
- Complete system with EasyFlow & insulated air ducts



WITH BUILT-IN PRE-HEATING ELEMENT

The 225 Compact ventilation unit is also available in a version that includes a built-in electric pre-heating element ('LE' or 'LEH' type). This ensures that very cold outside air is heated prior to entering the heat exchanger. The outside air is heated just enough to prevent freezing of the heat exchanger.

This also prevents the heat exchanger from switching to defrost mode (= temporary imbalance resulting in the warm inside air defrosting the heat exchanger), which ensures that the ventilation system can continue to operate in constant balance. The electric pre-heating element is incorporated into the ventilation unit to make it even more compact. This is a modulating pre-heating element; it balances out its output to meet the requirements and to further improve the system's energy efficiency.



WITH ENTHALPY HEAT EXCHANGER

Besides the version which includes a built-in pre-heating element, the 225 Compact can also be equipped with an enthalpy heat exchanger (type 'H'). This alternative heat exchanger acts both as a heat and humidity exchanger. This ensures that the relative humidity in the home decreases less rapidly due to the heat exchange in the ventilation unit (during winter period), without the need for any external components which act on the humidity level (version available during 2024).

CAREFULLY THOUGHT-OUT DESIGN, EASY INSTALLATION

The new Vasco ventilation system with heat recovery, which first filters the fresh air intake before it passes it through the heat exchanger, is easy to install. The 225 Compact ventilation unit is reversible and is equipped with a bottom connection. This is extremely useful if the intake pipework is to be installed downwards, for example in a duplex apartment.

The built-in double bypass makes the system extra energy-efficient as it does not pass the intake air through the heat exchanger if this is not beneficial. For example, the free cooling feature will spring into action on a cool summer's night, whereas the free heating feature will be activated on a warm spring or autumn day.

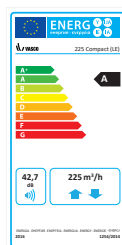


CHARACTERISTICS

- 225 m³/h at 150 Pa
- Extremely efficient: high efficiency with low noise level and fan power consumption
- Metal lacquered housing with EPP (expanded polypropylene) inner body and service-friendly assembly
- Maximum flexibility:
 - Left-hand/right-hand configuration possible
 - Supply air to residence: top or bottom
 - Extremely compact: only 54.7cm wide
- Equipped with constant flow fans
- Double bypass operation with free cooling and free heating
- Includes (wireless) 3-position RF switch
- Equipped as standard with internal humidity sensor for automatic flow rate control
- Domotics-ready: suitable as standard for both Modbus protocol and 1-10V control signal

OPTIONAL CONTROLS

- Additional RF 3-position switch
- Demand response via RH (humidity) RF remote control
- Demand response via CO₂ RF remote control
- RF controller display
- Vasco Climate Control App



RF controller



RH RF controller



CO₂ RF controller



RF controller display



Gateway for Vasco Climate Control App



[Download the technical data sheet](#)

