

Swegon Home Solutions

CASA[®] R2 Comfort



VENTILATION UNIT WITH ROTARY HEAT EXCHANGER

Designed for detached houses, apartment blocks and holiday cottages up to 160 m². The unit's maximum air flow is 60 l/s.

. Suitable for both new builds and renovation where the unit's unique duct placement is suitable for the replacement of older units. Installation behind a kitchen cabinet door is possible thanks to the unit's flat front.

www.swegonhomesolutions.com

Swegon[®]
Home Solutions

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Als het om lucht gaat.


AUERHAAN
KLIMAATTECHNIEK



User-friendly functions

Swegon CASA Comfort is simple and easy-to-use. The technology ensures energy-efficient ventilation and that the indoor air is always healthy for both the building and its residents.



BOOST

High air flow. Used when the ventilation requirement increases, e.g. for cooking, taking a sauna, showering and drying laundry.



ACTIVE

Increased air flow. Can be used when more people than usual are in the building or to cool on hot days.



HOME

Normal air flow. Guarantees that there is sufficient fresh indoor air in the building, and that the building structure is at its best.



AWAY

Low air flow. Minimizes energy use when there is decreased need for ventilation inside the apartment.



TRAVELING

Very low air flow. Used when the apartment is empty for a long period of time.



FIREPLACE FUNCTION

Fireplace function helps to produce compensation air for easy setup and clear burning for fires in your fireplace.



COOKER HOOD FUNCTION

Balances ventilation during the use of kitchen hood. Helps to prevent too much under pressure being created and enhances the odor catching capability of the cooker hood.

COMFORT CONTROL PANEL

The easy-to-use control panel facilitates the setting the ventilation in your home, adapted to different situations. You can switch to an appropriate operating mode via the control panel, as required, or supplement it with a timer (accessory), which switches at predefined times. A number of functions and operating modes are optional.



COOKER HOOD CONTROL

In apartment blocks and in terraced houses, the ventilation unit is primarily controlled from a cooker hood. Boosted extract air flow is activated on Swegon CASA Comfort cooker hoods when cooking as well as control of the cooker hood lighting.





- › Airflow range 20-60 l/s
- › Ecodesign energy class B
- › Heat exchanger temperature efficiency: up to 83% (EN308)
- › Energy efficient fans with a low noise level
- › Can be installed above a cooker with the cooker hood installed directly under the unit.
- › The unit is built to standard dimensions and can be installed in line with existing cabinet frames and hatches.
- › Built-in electric heater for reheating as standard.
- › Control System CASA Comfort
- › Control via separate control panel

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HEAT RECOVERY

The rotary heat exchanger in CASA R2 is manufactured with aluminium fins and provides a high degree of efficiency, up to 83%. The fins on the heat exchanger form a large number of ducts where thermal energy from the indoor air is utilised to heat the cold outside air taken into the building. There is only a very small risk that odours and moisture will be returned to the indoor air despite the same surfaces being in contact with both the extract air and the supply air.

COMFORT COILS

Usually the recovered thermal energy from the extract air is sufficient to heat the supply air. In cold conditions, electric reheating coils can be used to maintain a comfortable indoor climate. As standard the reheating coil is 400 W but is available with a higher output (Nordic) to cope with extra cold conditions.

FANS

CASA R2 uses energy efficient, EC type fan motors whose power consumption is substantially lower than that of traditional fan motors. The advantage of the EC fans is that their speed is variably controllable and where efficiency is high even when operated at lower speeds. The power and control cables on the fans are fitted with quick connectors to facilitate service work.

SUMMER OPERATION

CASA R2's intelligent summer mode helps to maintain the building's indoor air comfort even during hot summer days. Very economical comfort coolness can be produced almost free of charge by utilising the difference in indoor and outdoor temperatures and the heat exchanger intelligently. The heat exchanger takes care of the cool indoor air during hot summer days and cools the incoming outdoor air. This is managed by an advanced automatic system that can be set as required.

INSTALLATION

CASA R2 can be mounted on the wall in the kitchen, laundry room, service entrance or the like. When installed in a kitchen, the unit can be combined with different cooker hoods. The unit is designed to be installed in line with existing cabinet frames and hatches to give a consistent design. There is a cover panel in white, black or stainless steel as an option when installing without the existing hatch.



Unit on picture is equipped with front cover panel

