

NEW

Silent and energy-efficient ventilation with Renovent Excellent



BRINK

Climate Systems

renovent



Ready for future requirements

Effective ventilation contributes to living comfort and health. Balanced ventilation by Brink Climate Systems gives a healthy, low-energy and comfortable indoor climate throughout the year. End-users are putting higher demands upon good ventilation possibilities in all seasons. In addition, government requirements with regard to energy efficiency and installation noise are getting stricter all the time. Brink Climate Systems responds to that with the introduction of the Renovent Excellent. This ventilation appliance with heat recovery is not only fully geared for present-day ventilation requirements, but also for those of the future.

RENOVENT EXCELLENT

Renovent Excellent has a maximum capacity of 400 m³/h. The appliance comes in two versions: Renovent Excellent and Renovent Excellent Plus. Renovent Excellent Plus has additional connection possibilities, for instance for a CO₂ or humidity sensor. Both versions are available with a variety of duct connection layouts.

MORE COMPLETE

Renovent Excellent is standard equipped with bypass and preheater. The bypass contributes to an improved comfort level in summer and it is controlled automatically on the basis of the measured indoor and outdoor temperatures. The intelligent frost protection with preheater guarantees the high-efficiency, also at extremely low temperatures. This energy-efficient frost protection realises additional energy savings of 940 kWh per year.

QUIETER

Also as a result of the low-rpm fans and the low internal resistance, Brink Climate Systems managed to reduce the noise level of the Renovent Excellent. With their connection diameter of 180 mm, the air ducts contribute to a low air velocity through the ducts, resulting in a lower noise level.

REDUCED ENERGY CONSUMPTION

The measures for reducing the noise level also reduce the auxiliary energy consumption by some 40%. With the Renovent Excellent, Brink Climate Systems managed to introduce an appliance that amply complies with future European requirements of a maximum of 1,200 J/m³.

CONSTANT FLOW CONTROL

Application of 'constant flow control' guarantees the preset air flow rates. Independent of the resistance in the ducts system or the filter fouling degree. The 'constant flow control' system makes initial adjustment easier, and that saves installation costs. On top of that, the filter fouling degree no longer affects the



Constant filtering

Renovent Excellent comes with two G3 filters that can easily be taken out. These filters remove 95% of the dust from the air. A high-performance fine dust filter (F7 filter) is optionally available. Ideal for people with sensitive respiratory organs.

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flow rate of the clean outdoor air supply. A unique patented feature is that Brink Climate Systems managed to combine the constant flow principle with the ultimately silent and low-energy EC fans with back-bent vanes.

CONTROL OPTIONS

Renovent Excellent can be controlled in the usual manner with a 3-way switch with filter indication or wireless remote control. Application of the 2-zone demand control system can even achieve higher energy savings.

SEVERAL VERSIONS

Renovent Excellent is available in a left-handed and right-handed version with the following connections:

- Four air connections at the top (4b)
- Two air connections at the top and two air connections at the bottom (2b/2o)
- Three air connections at the top and one air connection at the bottom (3b/1o)

The advantages:

- Complete with bypass and preheater
- Quieter
- Constant flow
- High ventilation capacity 400 m³/h
- Auxiliary energy consumption reduced by 40%
- Higher energy savings
- Prepared for the E-bus system



Control display

Renovent Excellent features a user-friendly control display for reading out and changing settings. Renovent Excellent is also suitable for the E-bus system.

TECHNICAL SPECIFICATIONS

	Renovent Excellent	Renovent Excellent Plus
Ventilation capacity at 150 Pa [m ³ /h]	Maximum 400	Maximum 400
Rated power [W] (dependent on setting)	36 at 150 m ³ /h (at 45 PA)	36 at 150 m ³ /h (at 45 PA)
Dimension duct connection [mm]	Ø 180	Ø 180
H x W x D [mm]	765 x 675 x 564	765 x 675 x 564
Weight [kg]	38	38
Temperature efficiency [%]	95	95
Connection provisions for:		
CO ₂ sensor	-	✓
RH (humidity sensor)	-	✓
Geothermal heat exchanger	-	✓
Bedroom diffuser	-	✓
2-zone demand control	✓	✓
Postheater	-	✓



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