C400RF

Description

Vasco C400RF ventilation units are extraction-type units and are suitable for permanent, continuous mechanical ventilation.

General characteristics

- Compact ventilation unit for wall, pitched roof and ceiling installation
- Polypropylene casing
- 4 extraction connections on the sides and the option of an additional connection at the rear
- Integrated active sound insulation for extra noise reduction

Ventilation & control

- DC radial fan with backward-curved blades
- Internal moisture sensor for automatic flow control based on moisture levels
- Potentiometer for setting the maximum air flow rate
- Constant speed control

Control & communication

- RF 3-position switch:
  - Wall mounting (surface-mounted)
  - 3 ventilation speeds + Timer function + Auto mode
  - LED feedback
  - Battery powered (3V Lithium CR2450N)
- Connection for an external wired 3-position switch

Optional extensions

- Additional RF 3-position switches
- Demand control via RF RH (humidity) switch (powered by 2×1.5V AA batteries)
- Demand control via RF motion sensor (PIR)
- Demand control via RF CO_2 flush-mounted and surface-mounted switches (230 V AC power supply)
- Control via Vasco Climate Control App via Gateway
- End cap for Ø 125 mm and Ø 150 mm

RF 3-position switch

RF RH switch

RF CO_2 switch surface-mounted

Gateway for Vasco Climate Control App

End cap

RF motion sensor (PIR)

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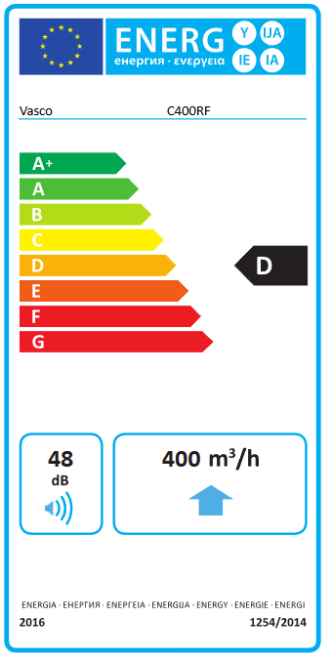
Technical data

	C400RF
Dimensions (h x w x d)	470 x 460 x 311 mm
Dimensions including packaging (h x w x d)	480 x 480 x 332 mm
Weight	5.5 kg
Weight including packaging	6.0 kg
Power supply voltage	230 V AC
Maximum airflow at 150 Pa	400 m³/h
Maximum pressure loss at Q_{max}	150 Pa
Power consumption	44,2 W
Energy label	D
Sound level unit emission (70% Q_{max} @ 50 Pa)	48.0 dB(A)
Sound level supply duct (Qmax @ 150 Pa)	57.6 dB(A)
Sound level extract duct (Qmax @ 150 Pa)	64.1 dB(A)

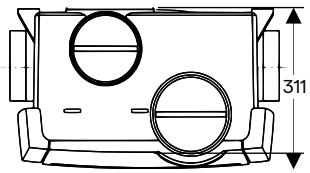
EU energy label (EPREL)

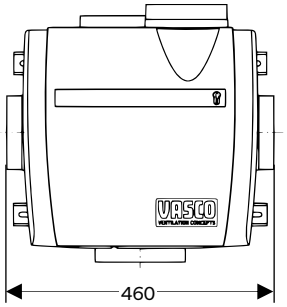


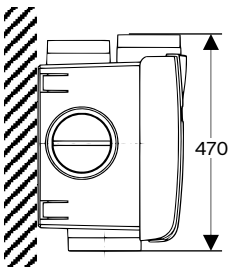
Noise data in accordance with DIN EN ISO 3741 and ISO 5136

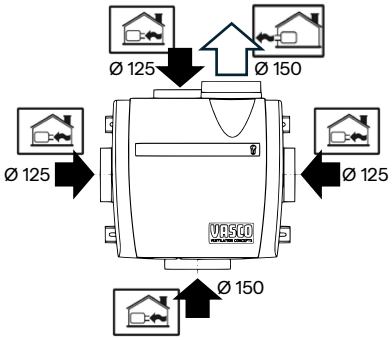
Capacity	Pressure	Radiated LpA	Radiated LwA	Inlet LpA	Inlet LwA
101 m³/h	10 Pa	21.1 dB(A)	31.8 dB(A)	26.4 dB(A)	35.0 dB(A)
125 m³/h	38 Pa	27.3 dB(A)	37.4 dB(A)	31.7 dB(A)	40.6 dB(A)
202 m³/h	38 Pa	32.1 dB(A)	42.3 dB(A)	39.9 dB(A)	48.1 dB(A)
252 m³/h	150 Pa	43.2 dB(A)	52.5 dB(A)	47.1 dB(A)	55.2 dB(A)
400 m³/h	150 Pa	51.1 dB(A)	57.6 dB(A)	55.3 dB(A)	64.1 dB(A)

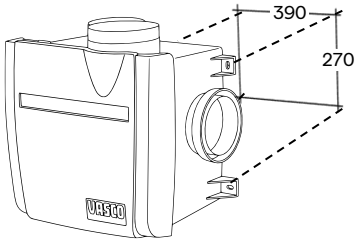
Dimensional drawings and connections











Dimensions in mm.