

Technical data sheet

FLUX GO WALL COMPACT

System D+® - V2025.09 - PRELIMINARY



Compact, demand-controlled ventilation unit with heat recovery

Flux+ Wall Compact is part of the Renson Flux Family: a range of demand-controlled ventilation units with heat recovery. Flux Family is known as the most silent units with high thermal efficiency.

This new **compact** unit guarantees good air quality in an energy-friendly way, combined with **installation flexibility in small spaces**.

This unit is available in three flow rates:

- 225 m³/h at 200 Pa
- 275 m³/h at 200 Pa
- 350 m³/h at 200 Pa

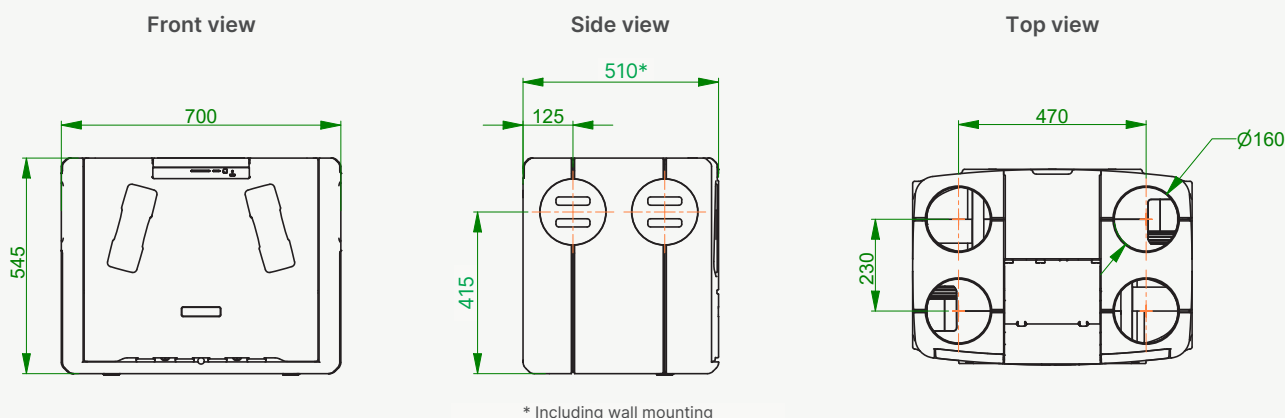


Main features

- The most **compact** and **flexible** unit for flow rates up to 350 m³/hr – only 55 cm high
- Flexible mounting options thanks to **top & side connections**
- Demand-driven by **humidity (RH)** sensors inside the device
- Counterflow heat exchanger up to **91% heat recovery**
- Light weight of only 19 kg so it can be easily, quickly and ergonomically installed by a single person
- Easy to adjust a **left to right version** via a **software** setting in the installation app
- **Serviceability**: each component is **disassembled in less than 5 minutes**
- **Hybrid frost protection** with (optional) external electrical element

Dimensions

Below dimensions are the effective outer dimensions (closing caps are internal to the unit).



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Technical specifications

	Flux Go Wall Compact 225	Flux Go Wall Compact 275	Flux Go Wall Compact 350
Maximal flow rate	225 m³/h (at 200 Pa)	275 m³/h (at 200 Pa)	350 m³/h (at 200 Pa)
Thermal efficiency	Belgium - conform to Annex G of Annex V of the Energy Decree (conform to EN13141-7)		
	90% at 175 m³/h 89% at 200 m³/h 89% at 225 m³/h	90% at 175 m³/h 89% at 200 m³/h 89% at 225 m³/h 88% at 250 m³/h 87% at 275 m³/h	89% at 225 m³/h 88% at 250 m³/h 87% at 275 m³/h 86% at 300 m³/h 86% at 325 m³/h 85% at 350 m³/h
	Netherlands - conform to Section 11 of NTA 8800 in the context of the Building Regulations (conform to EN13141-7)		
	91% at 157,5 m³/h	89% at 192,5 m³/h	88% at 245 m³/h
Maximal power consumption	2 × 45 W	2 × 57 W	2 × 79 W
Sound level (acc. to EcoDesign directive)	45 dB	47 dB	50 dB
Energy class (acc. to Directive 2010/30/EU)	A+	A+	A+
Power connection	230 Vac -15%/+10% (50 Hz, 60 Hz) Cable 2 m included (EU-plug)		
Dimensions	550 × 700 × 510 mm (H x W x D)		
Weight	19 kg		
Installation	Wall mount Left or right setup change only with software setting Floor mountingh by means of an accessory		
Connections	Ø160 mm connections on unit with 4x supplied flanges with seal Top and side connection for each connection point Condensate connection D32 (1 ¼" external)		
Bypass	Yes, complete (100%)		
Breeze functionality	Automatic passive cooling by temporarily running at nominal ventilation in case of a cooling need		
Frost protection	Default by unbalance Optional external accessory of 1,2kW allowing for hybrid frost protection mode		
Automatic flow control (constant flow)	Yes, ± 5% accuracy		
Fan	Quiet & energy-efficient EC motors with forward curved impeller		
Maximum fan working pressure	Up to 300 Pa - Recommended working pressure at design flow: ≤ 200 Pa - Guide value of a very good working pressure at design flow rate (cfr TV n° 258): 100 Pa to 150 Pa		
Display of system pressure	Via installer app & Renson installer web portal		
External input/output	- 1x Ethernet connection - 2x USB connection - 3x digital inputs & outputs for ventilation level control and general feedback - Switch for error & filter status available		

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Demand control

Air quality detection	Humidity (RH) via electronic sensors centrally in the unit. The sensors measure the indoor air quality in the exhaust air flow 24h/day.
Modes of operation	<ul style="list-style-type: none"> – RH demand controlled (standard) via internal sensors and optionally via additional room sensors – Fixed week schedule that can be programmed via the Ventilation user app – Manual control: via Ventilation user app, via 3 position switch, via room sensors

Other features

User app	Free download on Play Store (Android) or App store (Apple)
Control	<ul style="list-style-type: none"> – Via the user app – Optional by adding a 3-position switch (Renson type XVK3) – 4-position switch, included in the wireless room sensors
Unit status & filter message	<ul style="list-style-type: none"> – Via LED bar on device – Via user app and user portal (user) – Via installation page (installer)
Software updates	Local via the service page
Integration into smart home & home automation	Home automation: switching module (3 contacts) or integration via Local API
Fire protection (internal)	✓

Filters & accessories

Filters	<ul style="list-style-type: none"> – Device comes standard with 2x Classic Protection ISO Coarse 65% (G4) – Optionally available: <ul style="list-style-type: none"> • Kit Urban Protection: 1x ePM1 55% (F7) + 1x ISO Coarse 65% (G4) • Kit Premium Protection: 1x ePM1 80% (F9) + 1x ISO Coarse 65% (G4) • Kit Carbon Protection: 1x Carbon +ISO Coarse 65% (G4) + 1x ISO Coarse 65% (G4)
Day/night zoning	The 2-zone kit allows you to create a day-night zoning by means of 2 valves. This option drives demand controlled ventilation per zone and automatically detects the active zones. In this way, you use less energy and have a quieter system while maintaining optimal air quality.
Active humidification module	The external humidification module ensures that the moisture level in your home always remains at the right level. By using a ventilation system with heat recovery, there is a chance that in some situations the indoor air will become too dry. Parquet or other wooden objects remain protected without the user having to pay attention to this situation.
External electrical frost protection	Flux devices have standard frost protection via imbalance. With an electrical element, hybrid frost protection can be achieved in cold climates. This frost protection system is based on 1.2 kW electrical resistance, that is modulated based on the temperature sensors in the device.

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