Technical data sheet

FLUX GO WALL

System D+® - V2025.01

Demand-driven, energy-efficient, balanced ventilation combined with pure ease of installation

Flux Go Wall is part of the energy-efficient D+ ventilation concept with demand-driven, balanced ventilation and heat recovery.
This highly efficient unit always guarantees good air quality in the most energy-efficient way.
This unit is available in the following flow rates:

- up to 330 m³/h at 200 Pa
- up to 400 m³/h at 200 Pa

References

34598	Flux Go Wall 330
34599	Flux Go Wall 400

Primary features

- A revolution in the D+ landscape: **30% lower power consumption** than the competition
- Demand-driven by **RH** sensor inside the unit: standard **reduction factor 1.00** in Belgium
- Counterflow heat exchanger up to **91% heat recovery**
- Adapts from a **left to right version** using a **software** setting
- Flexible mounting options thanks to **top & side connections**
- **Ease of maintenance:** each component can be **disassembled in less than 5 minutes**
- **Hybrid frost protection** with (optional) integrated electrical element

Demand drive

Air quality detection	Moisture via electronic sensor centrally located in the unit. The sensors measure the indoor air quality in the extracted airstream for each room, 24 hours a day.
Operating options	– Demand-driven (standard) via internal sensors and optionally via external room sensors – According to weekly schedule, adjustable in the user app
Reduction factors valid in Belgium ($F_{reduc, vent, heat}$)	**Standard:** • Config 1.00 = moisture sensor centrally located in the unit (extraction) When adding Renson Sense **room sensors**: • Config 0.87 = CO_2 room sensors in the living room and master bedroom • Config 0.70 = CO_2 room sensors in each bedroom • Config 0.61 = CO_2 room sensors in each dry room

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Technical specifications

	Flux Go Wall 330	Flux Go Wall 400
Maximal ventilation flow rate	330 m³/h at 200 Pa	400 m³/h at 200 Pa
Thermal efficiency (in accordance with EN13141-7)	93% at 100 m³/h 92% at 150 m³/h 91% at 200 m³/h 90% at 250 m³/h 89% at 300 m³/h 88% at 330 m³/h	91% at 200 m³/h 90% at 250 m³/h 89% at 300 m³/h 88% at 350 m³/h 86% at 400 m³/h
Maximal power used	2 × 50 W	2 × 64 W
Sound level Conforms to the EcoDesign directive	45.0 dB(A)	48.0 dB(A)
Energy rating (in accordance with directive 2010/30/EU)	A+	A+
Connection voltage	230 Vac -15%/+10% (50 Hz, 60 Hz) Power cord 2 m included (EU plug)	
Dimensions	870 × 790 × 580 mm (H x W x D)	
Weight	29 kg	
Installation	Wall mounting Left or right set-up via software setting Floor installation using an accessory	
Connections	Ø180 mm inner dimension of the unit or Ø200 mm via supplied flanges Top and side connection possible per connection point Condensate connection D32	
Bypass	Yes, completely (100%)	
Breeze function	Automatic passive cooling by temporary nominal ventilation in case of cooling demand	
Frost protection	Standard due to imbalance Hybrid frost protection with optional accessory: internal electrical frost protection 1.6 kW	
Automatic control (constant flow)	Yes	
Fan	Latest generation of extremely quiet & energy-efficient EC motors with backward-curved fan blade	
Maximum fan operating pressure	Up to 300 Pa – Recommended working pressure at design airflow: ≤ 200 Pa – Guidance value for very good working pressure at design air flow rate (cf. TV no. 258): 100 Pa up to 150 Pa	
Reading out the calibration pressure	Via installation page	
External input/output	– 1x Ethernet connection – 2x USB connections *(USB dongle for Wi-Fi connection included*)* – 3x digital inputs & outputs for ventilation position control or feedback of error and filter notifications	

* Only compatible with 2.4GHz

Other features

Installation page (via web browser)	Scan QR code on unit
User app	Can be downloaded free of charge from Play Store (Android) and App Store (Apple)
Control	– Via user app – Optional by adding 3-position switch (Renson type XVK3) – 4-position switch, included in Renson Sense wireless room sensors
Error notification & filter notification	– Via LED bar on unit – Via user app – Via installation page
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)	√

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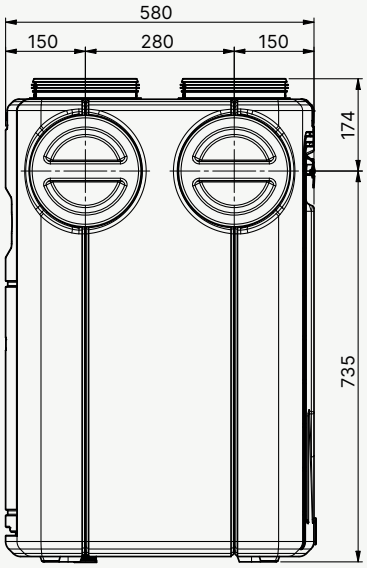
Filters & accessories

Filters	– Unit supplied as standard with 2x ISO Coarse 65% (G4) – Optionally available: • Urban Protection Kit: 1x ePM1 55% (F7) + 1x ISO Coarse 65% (G4) • Premium Protection Kit: 1x ePM1 80% (F9) + 1x ISO Coarse 65% (G4) • Carbon Protection Kit: 1x Carbon + ISO Coarse 65% (G4) + 1x ISO Coarse 65% (G4)

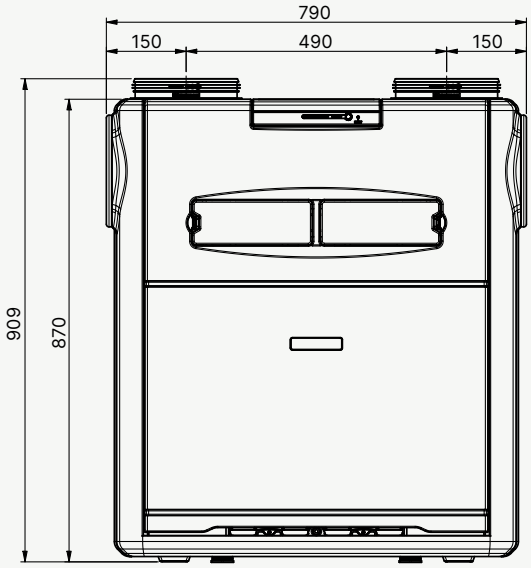
Dimensions

BIM support via Renson professional portal

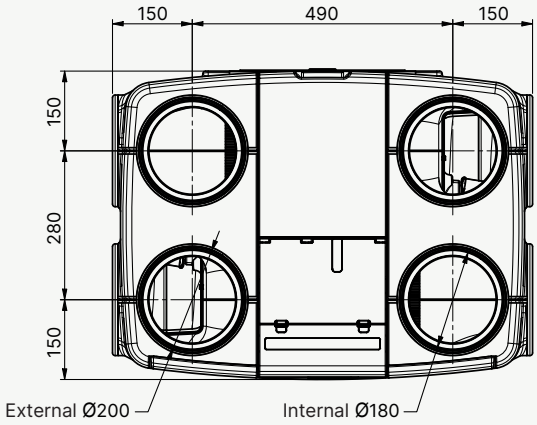
Side view



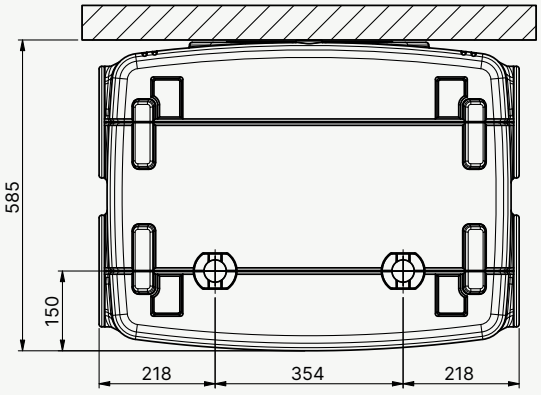
Front view



Top view



Bottom view



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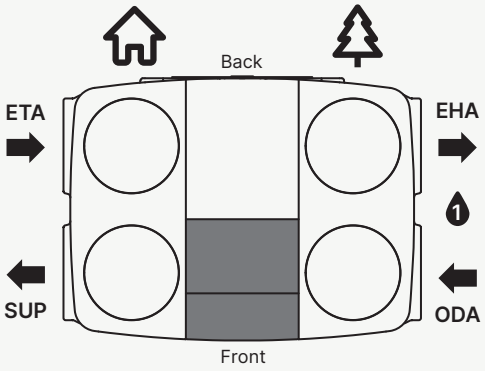
Technical data

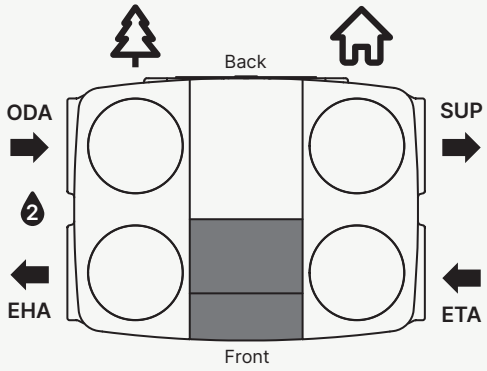
Flux Go Wall 330					
Qv m³/h	ΔP Pa	Power/Fan W	Sound level (Lw(A))		
			Casing dB(A)	Extraction dB(A)	Supply dB(A)
350	150	44	53,5	49,0	63,0
350	100	37	52,0	48,0	61,0
330	**200**	**50**	**54,5**	**49,5**	**63,0**
330	150	40	53,0	48,5	62,5
330	100	34	51,5	47,5	60,5
300	200	43	53,0	48,0	62,0
300	150	36	51,5	47,0	61,0
300	100	30	50,5	46,5	60,0
275	200	40	51,5	47,5	61,0
275	150	33	50,0	46,5	60,0
275	100	26	49,5	46,0	59,0
250	200	37	50,0	46,5	60,5
250	150	30	49,0	45,0	59,5
250	100	24	48,5	44,5	59,0
231	**50**	**17**	**45,0**	**41,5**	**56,0**
225	200	35	48,5	45,0	59,5
225	150	27	48,0	44,0	58,0
225	100	21	47,5	43,5	57,5
200	200	33	47,0	44,0	58,5
200	150	25	46,5	43,0	57,5
200	100	19	46,0	42,5	56,5

Flux Go Wall 400					
Qv m³/h	ΔP Pa	Power/Fan W	Sound level (Lw(A))		
			Casing dB(A)	Extraction dB(A)	Supply dB(A)
450	100	56	54,0	50,0	62,5
400	**200**	**64**	**57,0**	**52,5**	**64,5**
400	150	53	54,5	50,0	64,0
400	100	46	53,0	49,0	61,5
350	200	51	55,0	50,0	63,5
350	150	44	53,5	49,0	63,0
350	100	37	52,0	48,0	61,0
330	200	50	54,5	49,5	63,0
330	150	40	53,0	48,5	62,5
330	100	34	51,5	47,5	60,5
300	200	43	53,0	48,0	62,0
300	150	36	51,5	47,0	61,0
300	100	30	50,5	46,5	60,0
280	**50**	**21**	**47,5**	**44,0**	**57,5**
275	200	40	51,5	47,5	61,0
275	150	33	50,0	46,5	60,0
275	100	26	49,5	46,0	59,0
250	200	37	50,0	46,5	60,5
250	150	30	49,0	45,0	59,5
250	100	24	48,5	44,5	59,0
225	200	35	48,5	45,0	59,5
225	150	27	48,0	44,0	58,0
225	100	21	47,5	43,5	57,5
200	200	33	47,0	44,0	58,5
200	150	25	46,5	43,0	57,5
200	100	19	46,0	42,5	56,5

Left position
(Standard factory setting)



Right position



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