

DucoBox **Reno**

The **NUMBER 1** ventilation box
for Social Housing and Flats

NEW!



**Optimal ventilation
performance**



**Copy fonctionnality
for serial housing**



**Certified
Quality**

DUCO

We inspire at www.duco.eu

Discover the DucoBox **Reno** UK

The DucoBox Reno UK is a Central Mechanical Extract Ventilation (CMEV) system, **designed for houses and apartment buildings**. With its continuous operation, it ensures optimal indoor air quality while **delivering exceptional energy efficiency and silent performance**.

Whether you are developing social housing projects or modern apartments, the DucoBox Reno UK provides a reliable, **cost-effective solution** for achieving excellent ventilation standards. By integrating cutting-edge technology, this system meets the diverse demands of today's housing market, combining user comfort, sustainability, and straightforward compliance with UK building regulations.



What distinguishes this ventilation box?

1

OPTIMAL VENTILATION PERFORMANCE

2

COPY FUNCTIONALITY FOR SERIAL HOUSING

3

CERTIFIED QUALITY



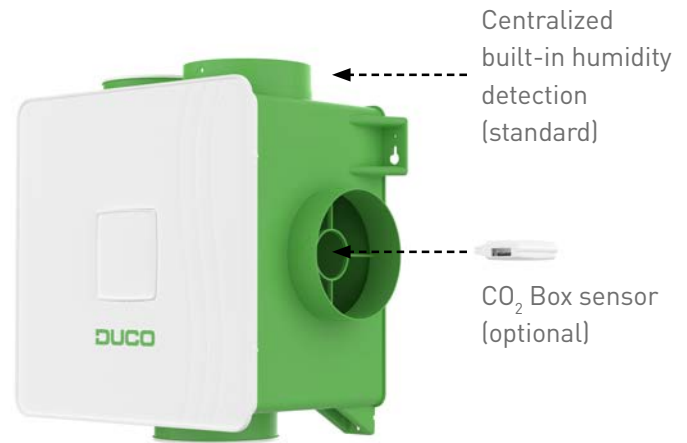
1

OPTIMAL VENTILATION PERFORMANCE

- Airflow **capacity of 325 m³/h (90 l/s)**, suitable for ventilating multiple rooms.
- Centralized built-in humidity detection (standard) and optional CO₂-sensor for an optimal indoor air quality.
- Four spigots allow for ventilation of multiple rooms.
- **High-efficiency fan** with low specific power consumption thanks to its advanced fan and intelligent controls.
- Whisper-quiet operation for maximum comfort.

2 COPY FUNCTIONALITY FOR SERIAL HOUSING

- Optical **LED feedback** and copy functionality, ideal for social housing and student flats.
- Easily adjust trickle, boost, and purge rates, meeting Part F of the building regulations.
- Installable in any orientation, ensuring flexibility in space-constrained environments.
- Fault indication via DUCO user control.
- Wireless RF controls and sensors ensure **quick and straightforward installation**.



Take the leap towards a **green and sustainable future!**

With a maximum power consumption of 47 W, the DucoBox Reno is **very energy-efficient**. Add smart demand management to this and save up to 40 % energy!

3 CERTIFIED QUALITY

- SAP/Appendix Q listed and BRE approved for assured quality and compliance.
- DUCO guarantees the **highest quality**, using only the best materials and components locally sourced.
- The system comes with a **warranty up to 3 years**, ensuring a long-term reliability.



DUCOBOX RENO IN FIGURES

Physical characteristics

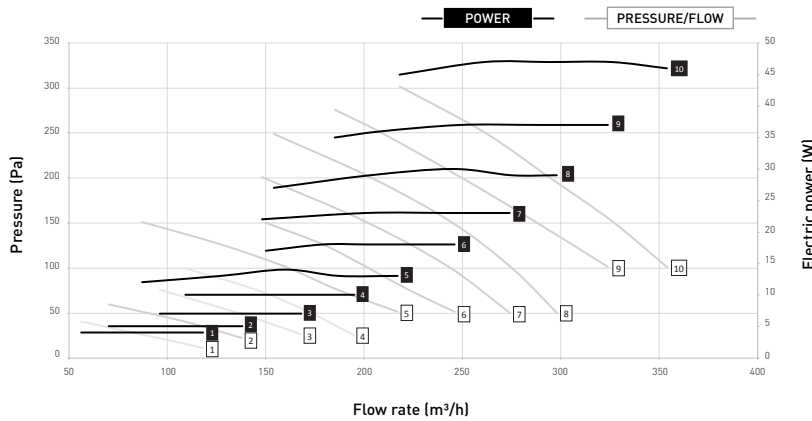
Item number	0000-4948 (plug type G / UK)
Airflow at 150 Pa	325 m ³ /h (90 l/s)
Width x Height x Depth	381 x 366 x 204 mm
Weight	3.1 kg
Colours	Green with white lid
Communication	Duco RF Box sensor CO ₂
Power cable length	1.5 m

Electrical characteristics

Unom	230 VAC – 50 Hz
Inom	0.37 A
Pmax	47 W
Cos (φ)	0.55
IP class	IP40

SAP 2012 results

Exhaust terminal configuration	SFP (W/l/s)
Kitchen + 1 additional wet room	0.16
Kitchen + 2 additional wet rooms	0.19
Kitchen + 3 additional wet rooms	0.20
Kitchen + 4 additional wet rooms	0.22
Kitchen + 5 additional wet rooms	0.24
Kitchen + 6 additional wet rooms	0.27



Flow rate Qv m ³ /h	Pressure Pa	Noise level Lw*
		Emission from casing dB(A)
325	150	51
275	100	47,5
200	100	42,5
150	75	38
100	75	35,5

Fan Speed	Test mode	Induct Sound Power Levels, dB re. 1pW									LwA	SPL @ 3m
		Octave bands, Hz										
		63	125	250	500	1k	2k	4k	8k			
100 %	Casing	57.1	48.6	50.6	49.0	47.3	41.5	63.3	27.6	51.0	33.5	
	Extract	76.1	71.8	70.7	64.8	55.3	51.9	45.2	35.2	66.5	49.0	
80 %	Casing	48.4	46.3	47.2	43.2	43.7	37.6	30.1	21.4	47.0	29.5	
	Extract	68.0	69.7	67.8	55.8	50.4	46.7	37.9	26.5	62.0	44.5	
60 %	Casing	42.2	41.0	42.4	40.0	37.8	33.1	25.2	18.0	42.0	24.5	
	Extract	63.3	64.2	63.1	52.2	45.5	40.3	29.2	19.1	57.0	39.5	
40 %	Casing	40.5	38.7	38.6	36.9	32.7	29.7	20.8	13.2	38.0	20.5	
	Extract	59.5	59.8	55.5	48.0	43.5	35.1	21.7	9.2	51.0	33.5	
20 %	Casing	38.3	35.7	33.9	31.8	27.2	23.5	11.5	8.4	32.5	15.0	
	Extract	55.5	54.0	46.4	41.5	37.1	28.4	13.7	4.4	44.0	26.5	

100% UNBURDENING?
SEND US YOUR PROJECT!

DUCO offers project support from A to Z.
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