

Vertical units DOMEKT REGO 400

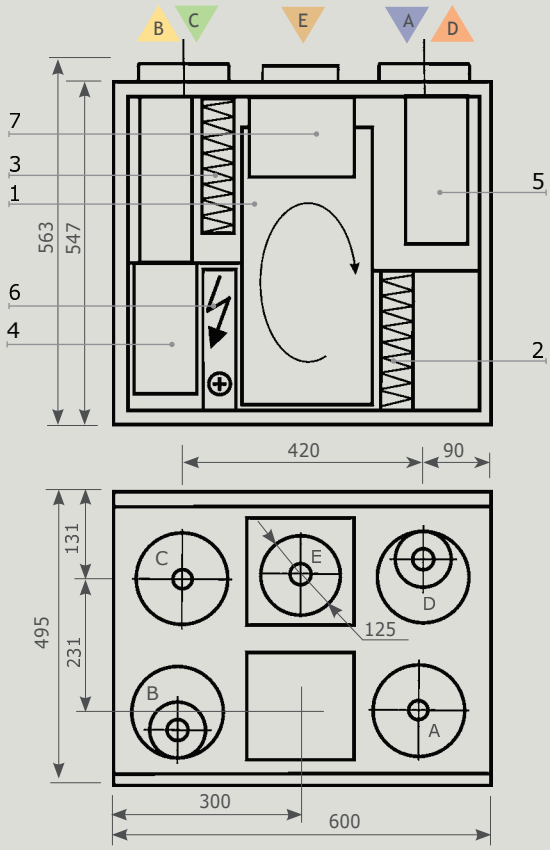
- Extremely compact unit in size and high energy efficient
- Highly efficient rotary heat exchanger recovers up to 90% of heat.

Unit compact size and high efficiency offer the best choice to ensure healthy microclimate in your apartments or small houses. Unit is applicable to ventilate the premise up to 180m^2.
Unit is designed to ensure ventilation in the premise and may be connected with a kitchen hood via an additional duct. Any exhaust air diffuser may be connected instead of a kitchen hood to by-pass duct connection (to extract air from bathroom, laundry, etc.).
Integrated automatic control with the wall mounted panel C4 or C4 PLUS, which is handy and simple in operation ensures the most economic unit functioning and necessary control.

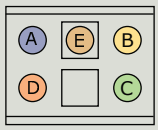

C4 PLUS


C4

REGO 400 (Shown as left)



REGO 400 (Shown as right)



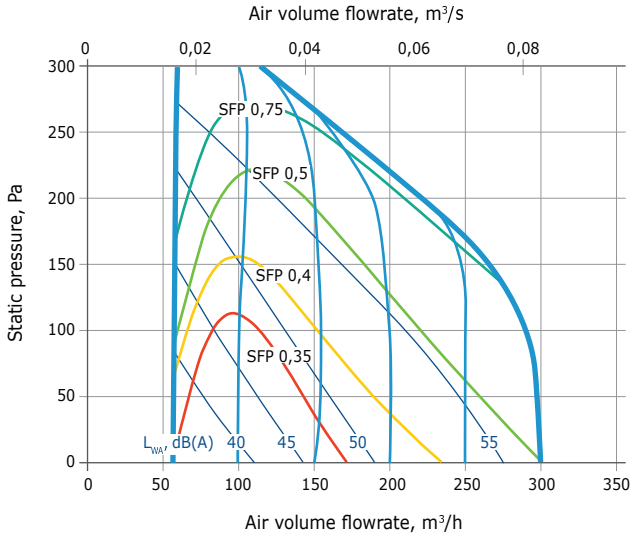
Explication

1	Rotary heat exchanger
2	Supply air filter
3	Exhaust air filter
4	Supply fan
5	Exhaust fan
6	Electric air heater
7	Automation control system
A	Outdoor intake
B	Supply air
C	Extract indoor
D	Exhaust air
E	Extraction from the kitchen or other premise (by pass – extraction without heat recovery)

Technical information		REGO-400VE-B-C4	REGO-400VW-B-C4*
		EC	EC
Supply voltage	V/Hz	~230 / 50 / 1 phase	
Maximal operating current	A	5.15	0.76
Input fans power	W	2 x 70	2 x 70
Heater capacity	kW	1.0	1.2
Unit size (height x width x depth)	mm	563 x 600 x 495	
Ductwork connection	mm	4 x 160, 1 x 125	
Filter for supply/exhaust air	mm	450 x 210 x 46-F7	
Unit weight	kg	42	42
Unit color		RAL 9010	

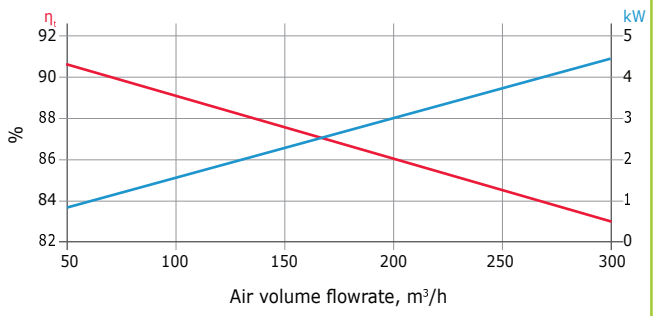
* For more detailed information look at the hot water duct air heater DH specification.

REGO 400 performances



P[kW] = SFP[kW/(m³/s)] · V [m³/s]; SFP is shown for one fan. Performance data: filter F7.
Note: characteristics explanation is available on the page 17.

Temperature efficiency, η_t Energy recovery, kW



Application: -23°C RH 82% outdoor
21°C RH 45% indoor

REGO 400 Acoustic data		63Hz	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	8000Hz	dB(A)
Supply air flow (to the ducts)	Inlet	-10	-9	-9	-8	-12	-16	-20	-25	-7.0
	Outlet	-7	-2	-1	-1	-5	-10	-14	-17	0.0
Extract air flow (to the ducts)	Inlet	-10	-9	-9	-8	-12	-16	-20	-24	-6.9
	Outlet	-7	-2	-1	-1	-5	-10	-14	-17	0.0
Kitchen hood inlet		-8	-5	-4	-4	-6	-12	-15	-18	-2.0
Surrounding (3 pl., 3 m)		-20	-16	-17	-23	-27	-33	-39	-43	-20.4