



False-ceiling units DOMEKT RECU 500

- Energy efficiency – 92%.
- Energy efficient motors EC.

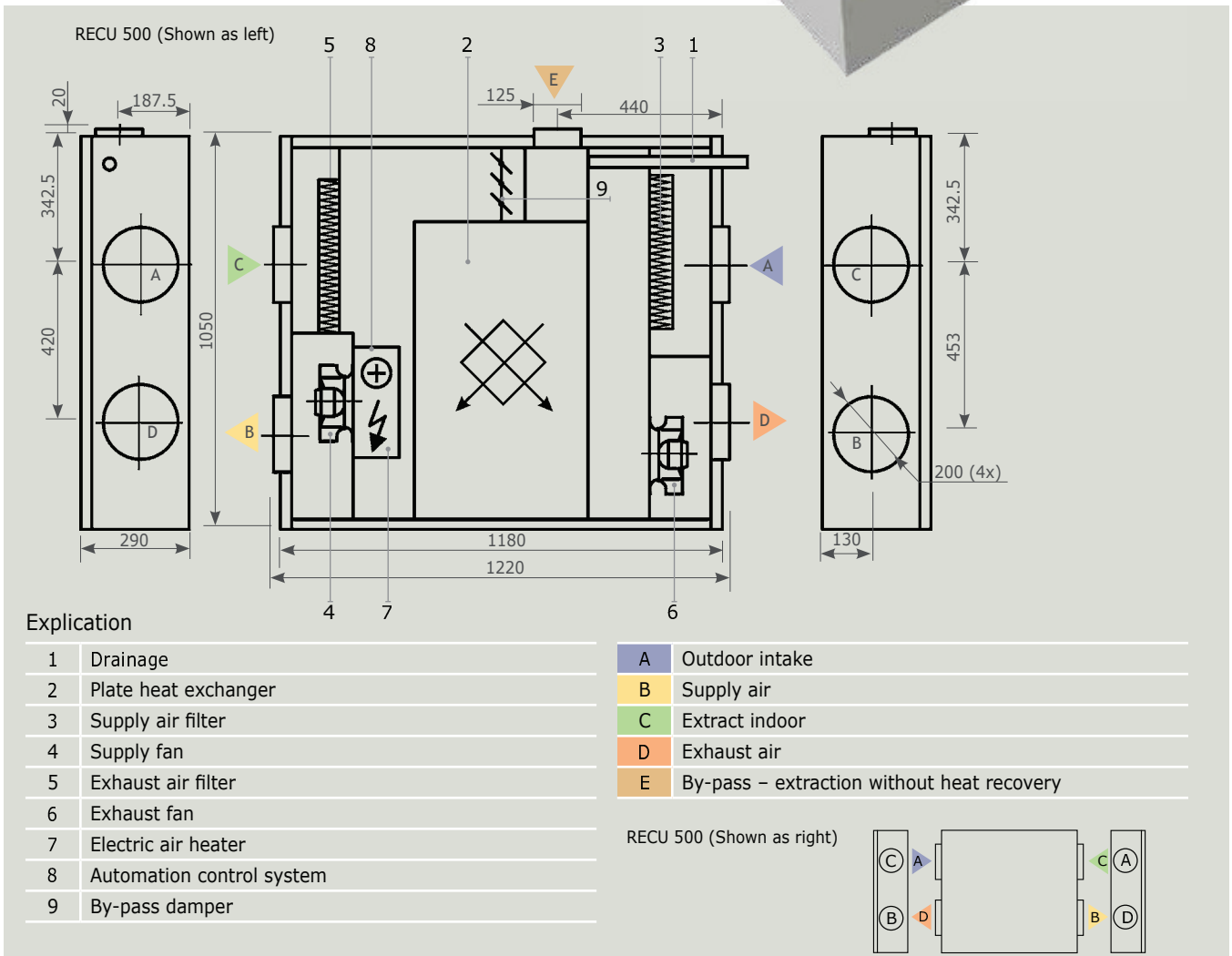
Unit is developed and designed to create mechanical ventilation and heat recovery in flats, apartments or other residential premise up to 200 m².

High-efficient plate heat exchangers and EC motors guarantee the most effective and economical unit operation: up to 92% of energy required for supplied air heating is recovered and used from the exhausted air.

Unit is produced with a fully integrated automatic control C4 with the wall mounted panel which is handy and simple in use and ensures the most economical unit functioning and necessary control.

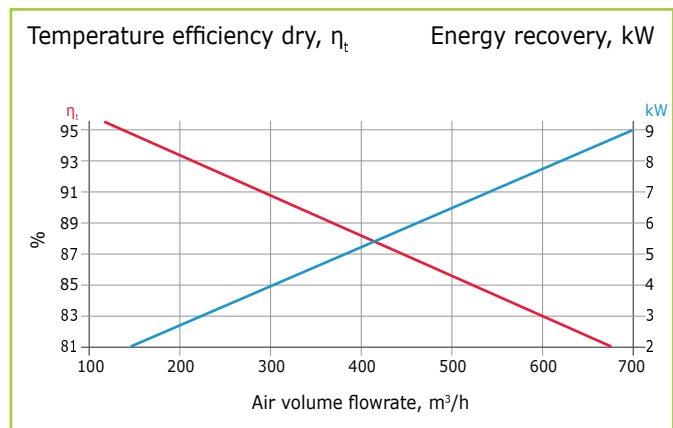
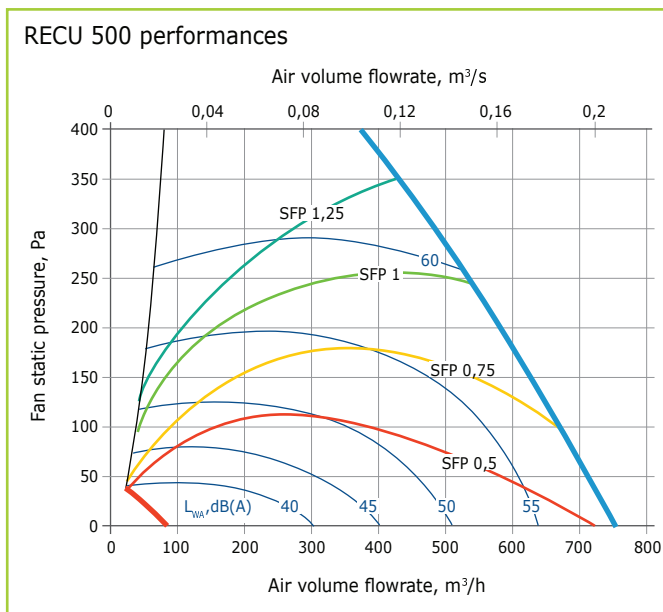


C4 PLUS



Technical information		RECU 500PECF-C4 PLUS	RECU 500PWCF-C4 PLUS*
		EC	EC
Supply voltage	V/Hz	~230 / 50 / 1 phase	
Maximal operating current	A	6.9	2.56
Input fans power	W	2 x 165	
Heater capacity	kW	1	1.5
Unit dimensions (height x width x depth)	mm	1050 x 1180 x 290	
Ductwork connection	mm	Ø 200	
Filter for supply/exhaust air	mm	410 x 200 x 46-F7	
Unit weight	kg	70	
Unit color		RAL 9010	

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



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

$P[kW] = SFP[kW/(m^3/s)] \cdot V [m^3/s]$; SFP is shown for one fan. Performance data: filter F7
Note: characteristics explanation is available on the page 17.

RECU 500 Acoustic data		63Hz	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	8000Hz	dB(A)
Supply air flow (to the ducts)	Inlet	-13	-11	-14	-13	-14	-21	-25	-28	-10.9
	Outlet	-7	-2	-1	-1	-5	-10	-14	-17	0.0
Extract air flow (to the ducts)	Inlet	-13	-11	-14	-13	-14	-21	-25	-27	-10.8
	Outlet	-7	-2	-1	-1	-5	-10	-14	-17	0.0
Kitchen hood connection		-9	-7	-8	-7	-8	-13	-16	-19	-3.9
Surrounding (3 pl., 3 m)		-20	-16	-17	-23	-27	-33	-39	-43	-20.4