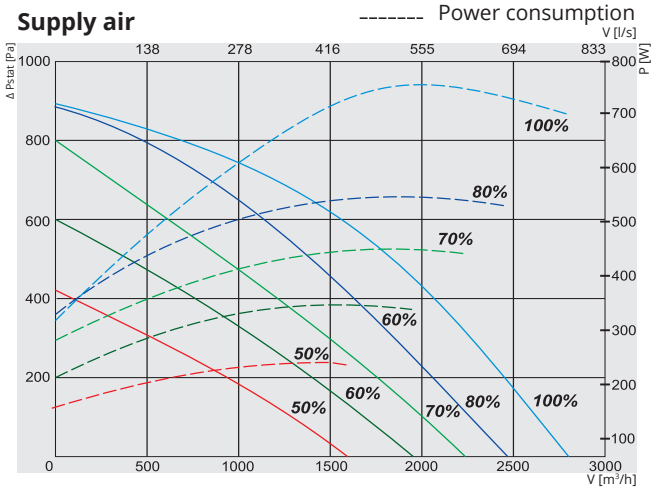
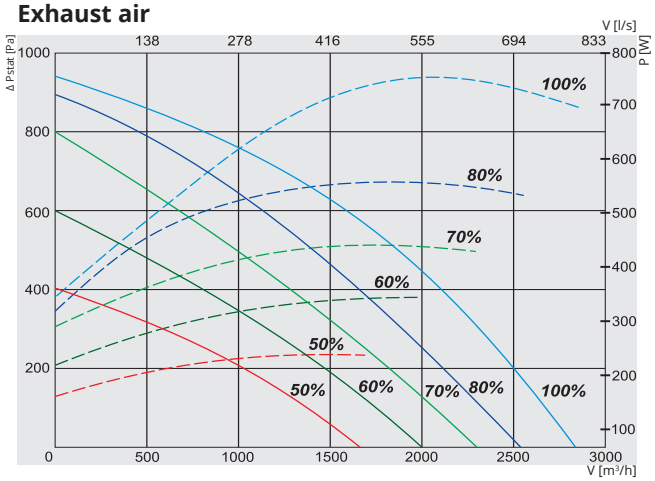
RIRS 2500V EKO 3.0

Performance
Power consumption

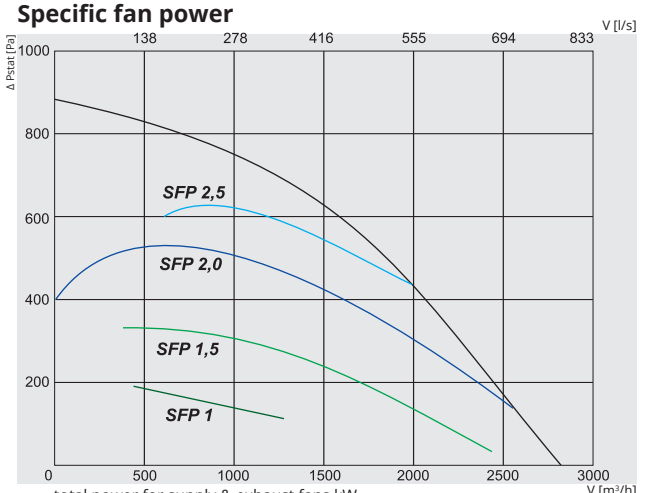
Supply air



Exhaust air

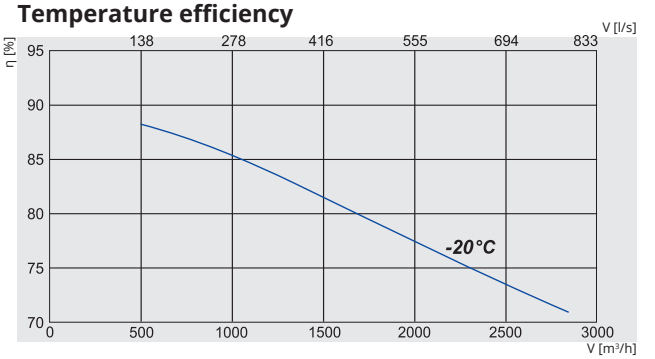


Specific fan power



$$SFP = \frac{\text{total power for supply \& exhaust fans kW}}{\text{air flow m}^3/\text{h}} \times 3600$$

Temperature efficiency



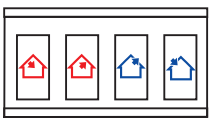
RIRS 2500VL EKO 3.0

Air intake side (L- left)

View from inspection side

RIRS 2500VR EKO 3.0

Air intake side (L- left)



View from inspection side

Exhaust air | Extract air | Outdoor air | Supply air

Article No.		Version
GAGRIRS1883_0066B	2500VE EKO 3.0	Integrated electrical heater
GAGRIRS1887_0069A	2500VW EKO 3.0	Optional water heater
GAGRIRS1901_0074B	2500VE EKO 3.0-RHX	Integrated electrical heater and 0-10 rotor
GAGRIRS1902_0075A	2500VW EKO 3.0-RHX	Optional water heater and 0-10 rotor control

2500VE / VW EKO 3.0				
Water heater (optional) VW ver.				SVS-V
Electrical heater VE ver.	phase/voltage	[50Hz/VAC]		~3, 400
		[kW]		9
EC fans	phase/voltage	[50Hz/VAC]		~1, 230
exhaust	power/current	[kW/A]		0,75/3,3
	fan speed	[min⁻¹]		2800
supply	power/current	[kW/A]		0,76/3,32
	fan speed	[min⁻¹]		2800
Thermal efficiency up to*				75%
Max power consumption VE / VW		[kW/A]	10,55/19,97	1,55/6,97
Control board				PRV V2
Filter class	exhaust/supply			M5/F7
Housing insulation, mineral wool		[mm]		50
Colour	RAL	grey		7040
Weight (net, without packing)		[kg]	280,0	270,0
Comply with ERP				2016; 2018
Operation				indoors/outdoors**
Housing protection class	IP			34

* Calculated wet efficiency.
**Under covered area.

Temperature efficiency (balanced mass flow):
Extract air = 20°C/60%RH
Outdoor air = -20°C

2500V EKO 3.0	Lwa total, dB(A)	LWA, dB(A) 125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Supply	78	61	68	72	73	70	64	62
Extract	67	59	62	63	57	52	48	43
Surrounding	62	45	54	59	52	52	49	46
Measured at 2355 m³/h, 214 Pa								

Certifications

EUROVENT certified
rotor heat exchanger performance

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

AIR HANDLING UNITS