

Project name Project

Project number

Model name Topvex SF12 HWL - 39410

Unit no. 1

08/08/2023

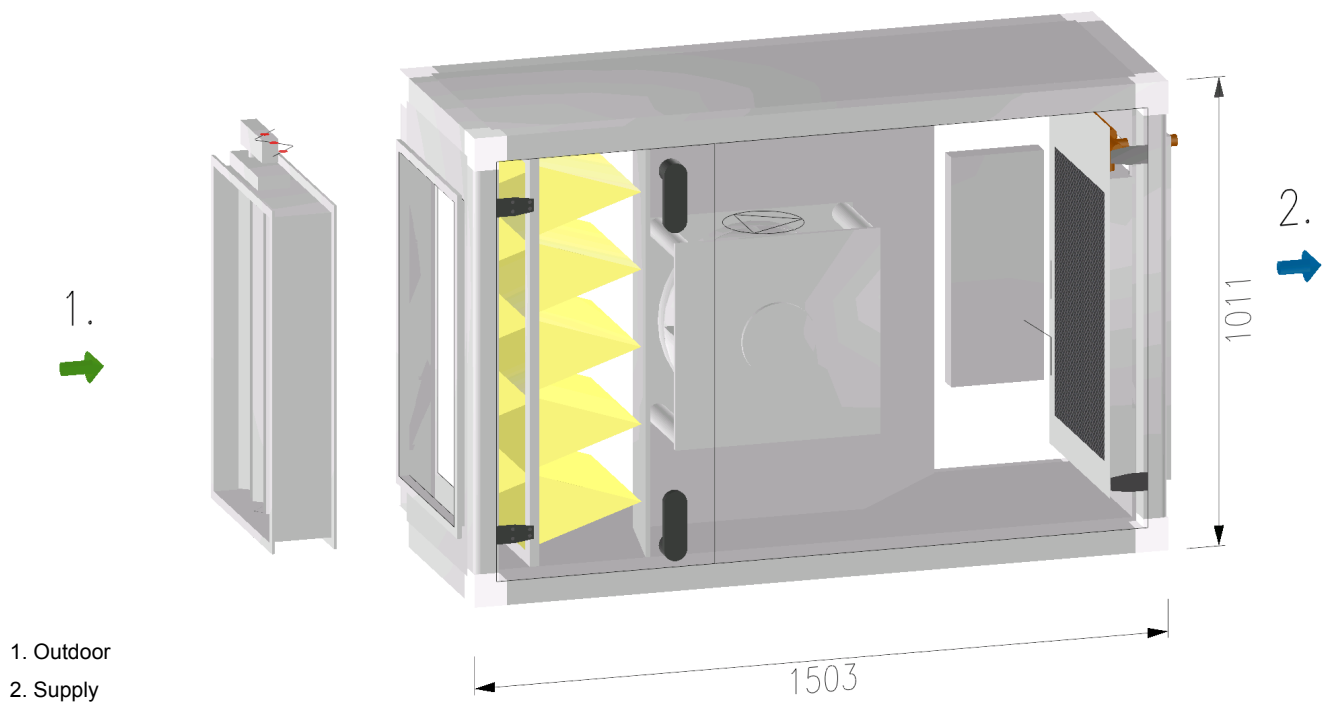
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Topvex SF12 HWL (39410)

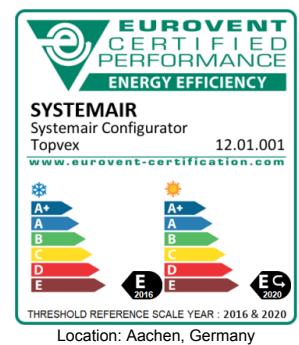
Width: 545 mm

Duct connection: 700x400 mm

Total weight: 107 kg



Air data	Supply air	Units
Airflow (1.205 kg/m³)	900	l/s
Face velocity (unit)	2.30	m/s
External pressure	350	Pa
Fan speed	1,706	rpm
Filter	ePM10 60% (M5)	
Sound pressure at 3m	46 dB (A)	
Design outdoor temperature	-20.0 °C	
Heating, water	29.88 kW ; -20.0/7.5°C	
Water circuit	60.0/30.0 °C ; 7.09 kPa ; 14.44 l/min 1/2" / 1/2" Pipe connections	
Energy		
Temperature efficiency (wet/EN 308)	0.0	%
SFPv, clean filter pressure drop	0.87	kW/(m³/s)
SFPe with dimensional filter pressure drop	0.93	kW/(m³/s)
Ecodesign 2018 approved	Yes	



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Unit data	
Item number	39410
Unit name (optional)	
Notes	

Ecodesign	
Trade name	Systemair
Product name	Topvex SF12
Fulfills Ecodesign 2018	Yes
Unit category	NRVU
Unit type	UVU
Drive	Integrated VSD
Heat recovery type	None
Nominal airflow	652 l/s
P nom	0.474 kW
SFP int	224 W/(m³/s)
Face velocity	1.66 m/s
Nominal pressure	300 Pa
Ps int. Supply	133 Pa
Supply fan efficiency	59.3 %
External leakage	2 %
Sound power level (LwA)	63 dB (A)

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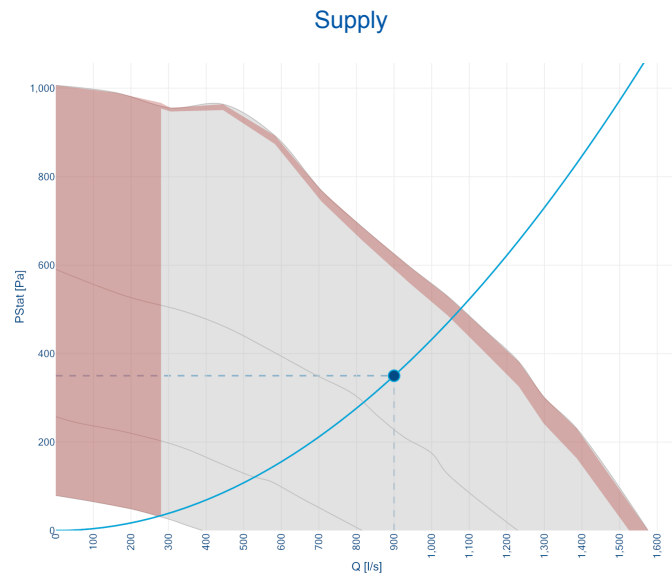
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Air and sound

Winter & Summer



Sound power level	Octave bands [Hz]								Total dB [dB(A)]
	63 [dB]	125 [dB]	250 [dB]	500 [dB]	1k [dB]	2k [dB]	4k [dB]	8k [dB]	
Supply	90	88	88	84	83	75	67	68	87
Outdoor	92	90	86	75	71	64	54	59	80
Surrounding	70	78	73	60	53	47	37	42	67
Sound pressure at 3m									46

Sound results according to EN 13053.