



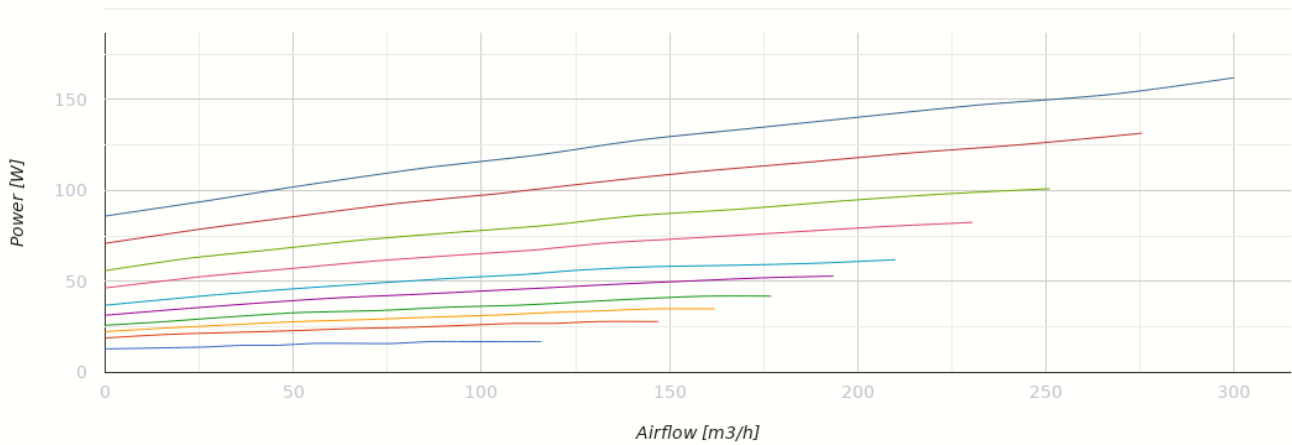
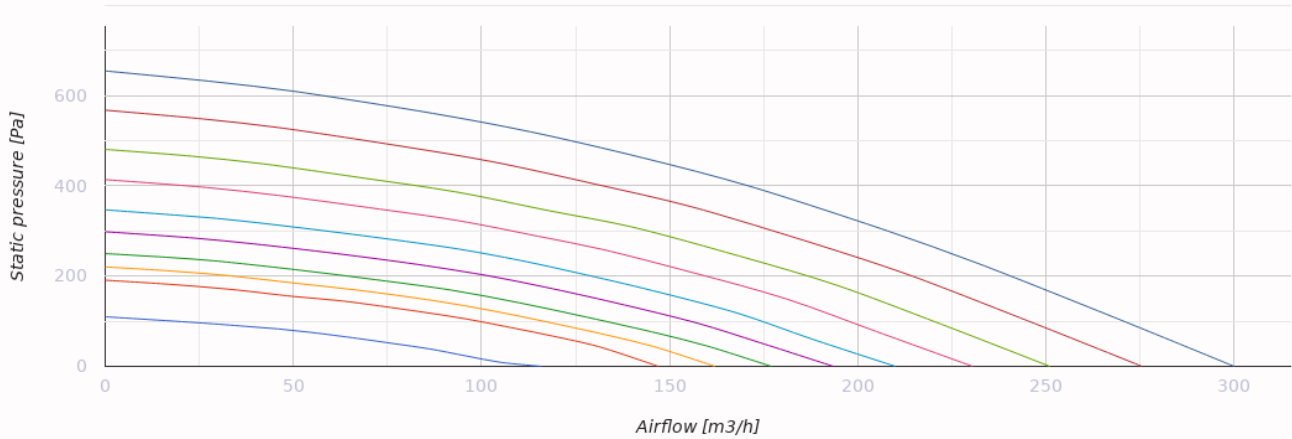
KOMFORT EC S5B 270 S14

Heat and energy recovery air handling units

- Sound pressure level LpA at 3 m: 34
- Heat exchanger type: Counter flow
- Heat exchanger material: Polystyrene
- Extract filter: G4
- Supply filter: G4 (option: F8)
- Sound-insulated casing
- Bypass: Manual
- Control: Wired control panel
- Casing material: EPP
- CO2 sensor: Optional

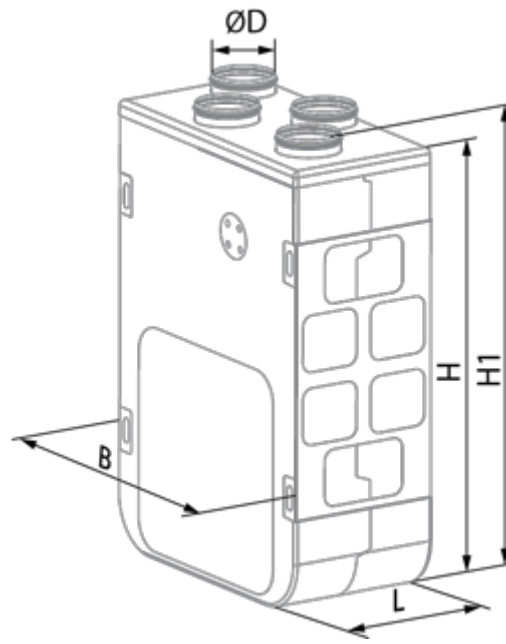
	Unit of measurement	KOMFORT EC S5B 270 S14
Connected air duct size	mm	125
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	162
Unit current	A	1.2
Maximum airflow	m ³ /h	300
Rotation speed at 50hz	-	3200
Sound pressure level LpA at 3 m	dB(A)	34
Heat recovery efficiency, max	%	98
Heat exchanger type	-	Counter flow
Heat exchanger material	-	Polystyrene
Weight	kg	13
Extract filter	-	G4
Supply filter	-	G4 (option: F8)
Transported air temperature (max)	°C	40
Transported air temperature (min)	°C	-25
Ambient air temperature min	°C	1
Ambient air temperature max	°C	40
Ambient air humidity max	%	60

Ingress protection rating	-	IP22
Ingress protection rating of the drive	-	IP44
Article	-	8043758

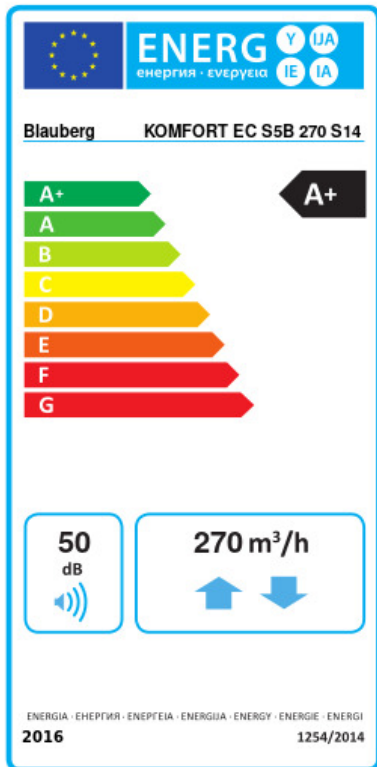


Dimensions

ØD	B	H	H1	L
125	590	852	893	316




Ecodesign



Trademark	Blauberg			
Model	KOMFORT EC S5B 270 S14			
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average	
	81.8	A+	42.3	A+
Specific energy consumption (SEC) (kWh/(m²/a))	Warm		E	
	17	E		
Type of ventilation unit	Bidirectional			
Type of drive installed	Variable speed			
Type of heat recovery system	Recuperative			
Thermal efficiency of heat recovery (%)	90			
Maximum flow rate (m³/h)	270			
Electric power input (W)	153			
Reference flow rate (m³/s)	0.053			
Reference pressure difference (Pa)	50			
Specific power input (SPI) (W/(m³/h))	0.316			
Control typology	Local demand control			
Maximum internal leakage rates (%)	2.7			
Maximum external leakage rates (%)	2.7			
Declared typology	RVU BVU			
Sound power level (dB(A))	50			
The annual electricity consumption (AEC) (kWh/a)	Cold		Average	
	749	212	167	
The annual heating saved (AHS) (kWh/a)	Cold		Average	
	9181	4693	2122	

Accessories

Other accessories




Name	Photo	Description
SFK 20x32		Hydraulic syphon for condensate drainage

Other accessories


Name	Photo	Description
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VKA 125		Air dampers for round ducts
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Other accessories

Name	Photo	Description
CD-1		CO2 sensors
CD-2		CO2 sensors
FS2		Humidity sensor

Other accessories

Name	Photo	Description
FP 264x182x18 G4		G4 panel filter