



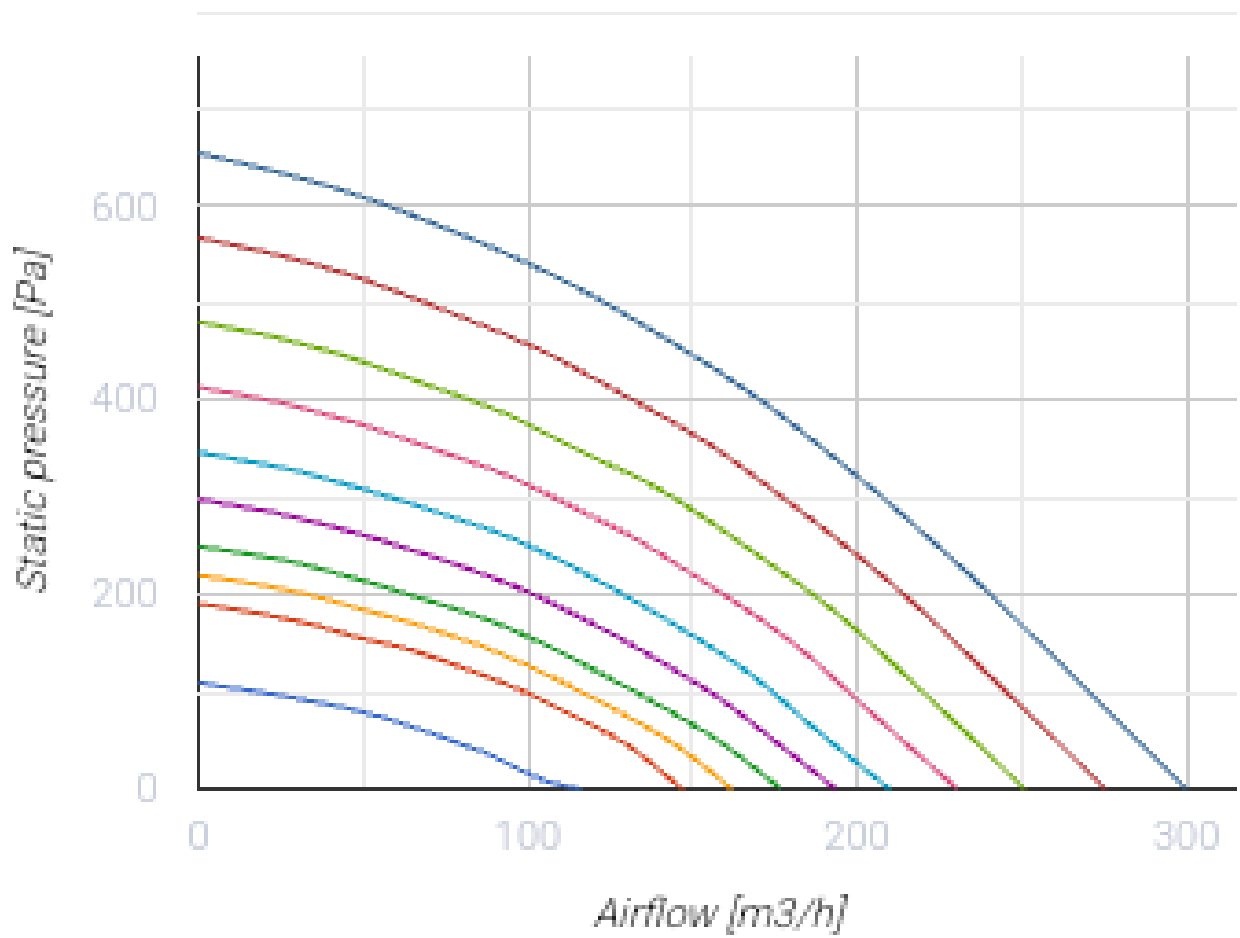
KOMFORT EC S5B 270 S14

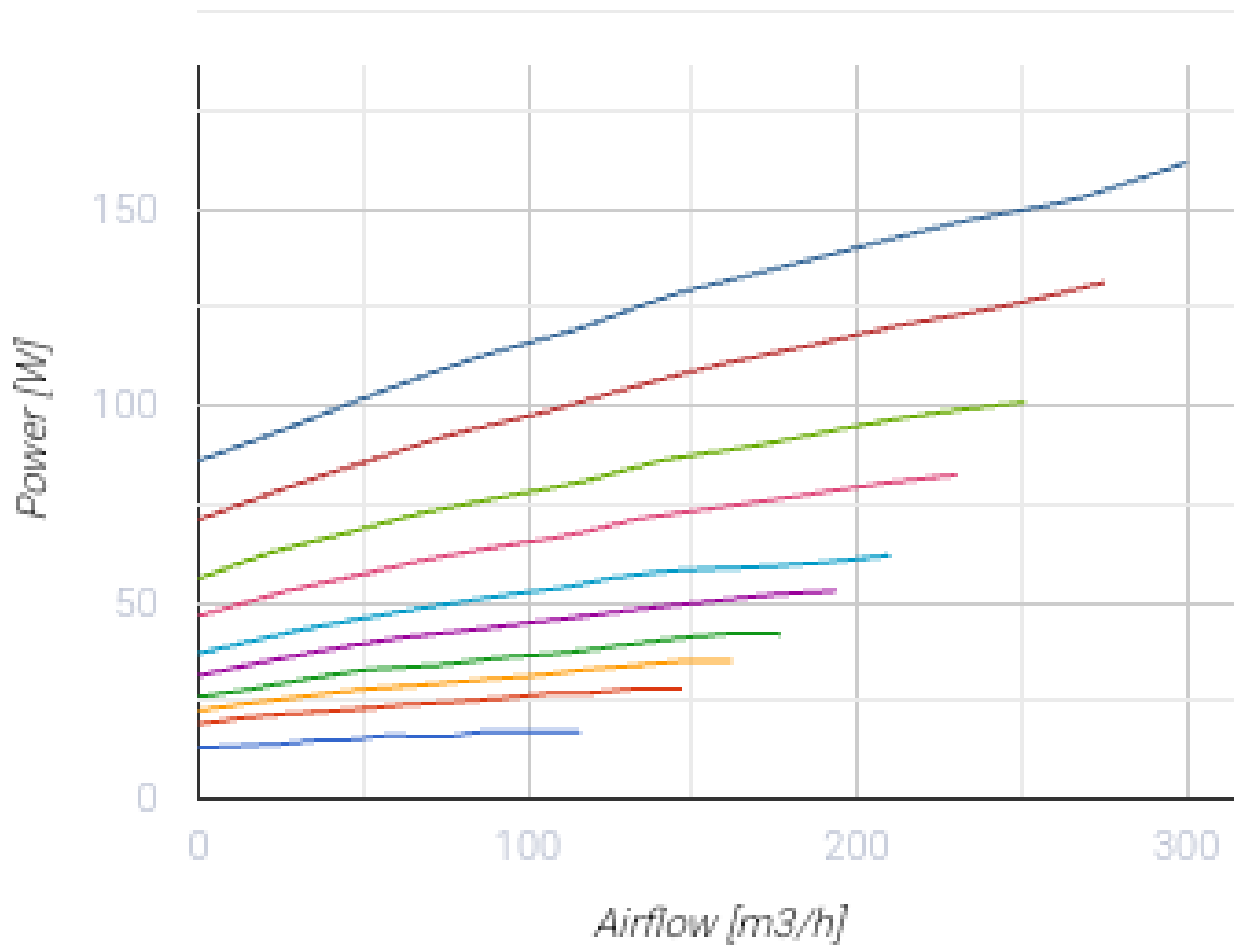
Heat and energy recovery air handling units

- Maximum airflow: 300
- Sound pressure level LpA at 3 m: 34
- Heat exchanger type: Counter flow
- Extract filter: G4
- Supply filter: G4 (опция: F8), G4 (option: F8)
- Sound insulation
- Motor type: EC
- Bypass: Manual
- Control: Wired control panel
- Casing material: EPP
- Humidity sensor: Optional
- CO2 sensor: Optional

	Unit of measurement	KOMFORT EC S5B 270 S14
Connected air duct size	mm	125
Speed	-	1
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
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 (опция: F8), 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

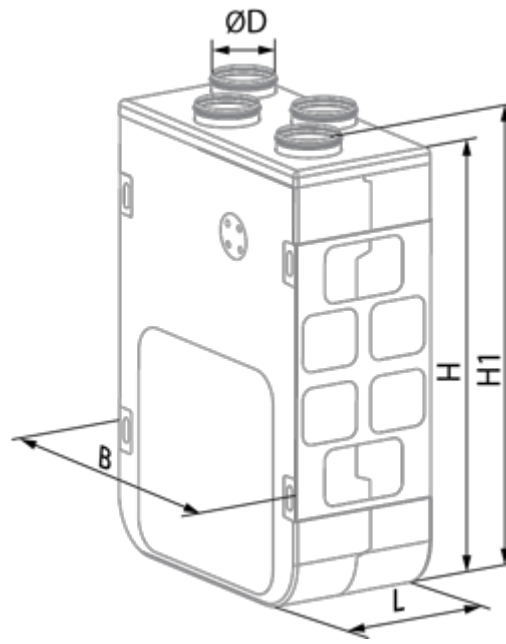
Ingress protection rating	-	IP22
Ingress protection rating of the drive	-	IP44



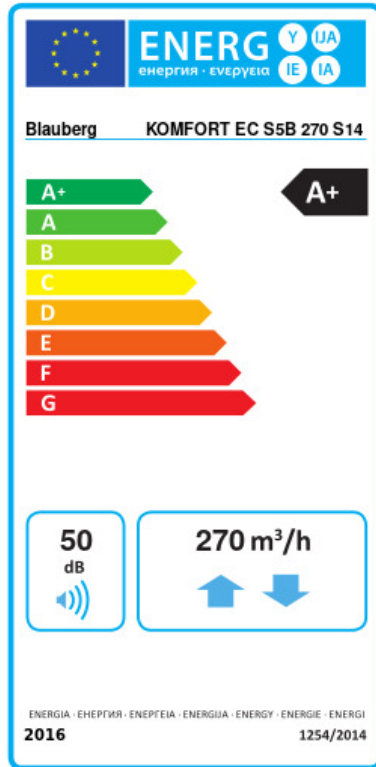


Dimensions

ØD	B	H	H1	L
125	590	852	893	316



Ecodesign




Trademark	Blauberg			
Model	KOMFORT EC S5B 270 S14			
Specific energy consumption (SEC) (kWh/(m ² /a))	Cold		Average	
	81.8	A+	42.3	A+
Type of ventilation unit	Bidirectional		Warm	
	17	E		
Type of drive installed	Variable speed			
Type of heat recovery system	Recuperative			
Thermal efficiency of heat recovery (%)	90			
Maximum flow rate (m ³ /h)	270			
Electric power input (W)	153			
Reference flow rate (m ³ /s)	0.053			
Reference pressure difference (Pa)	50			
Specific power input (SPI) (W/(m ³ /h))	0.316			
Control typology	Local demand control			
Maximum internal leakage rates (%)	2.7			
Maximum external leakage rates (%)	2.7			
Sound power level (dB(A))	50			
Declared typology	RVU BVU			
The annual electricity consumption (AEC) (kWh/a)	Cold		Average	
	749	212	Warm	
The annual heating saved (AHS) (kWh/a)	Cold		Average	
	9181	4693	2122	

Accessories



Other accessories

Name	Photo	Description
FP 264x182x18 G4		G4 panel filter
FP 264x182x18 F8		


Humidity sensors

Name	Photo	Description
FS2		Humidity sensor


CO2 sensors

Name	Photo	Description
CD-2		CO2 sensors
CD-1		CO2 sensors

Condensation drainage

Name	Photo	Description
SFK 20x32		Hydraulic syphon for condensate drainage

For round ducts

Name	Photo	Description
VKA 125		Air dampers for round ducts