

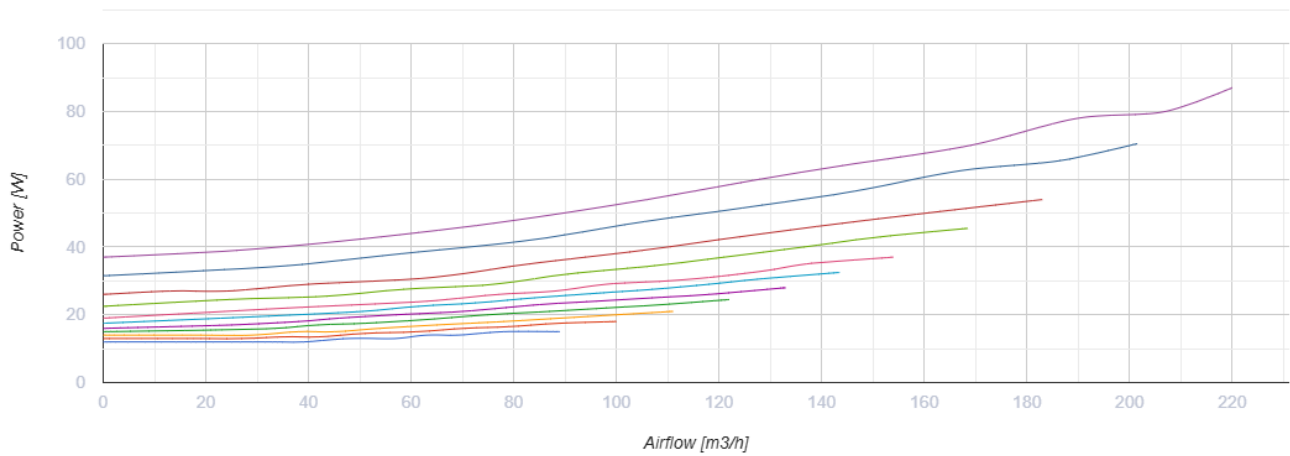
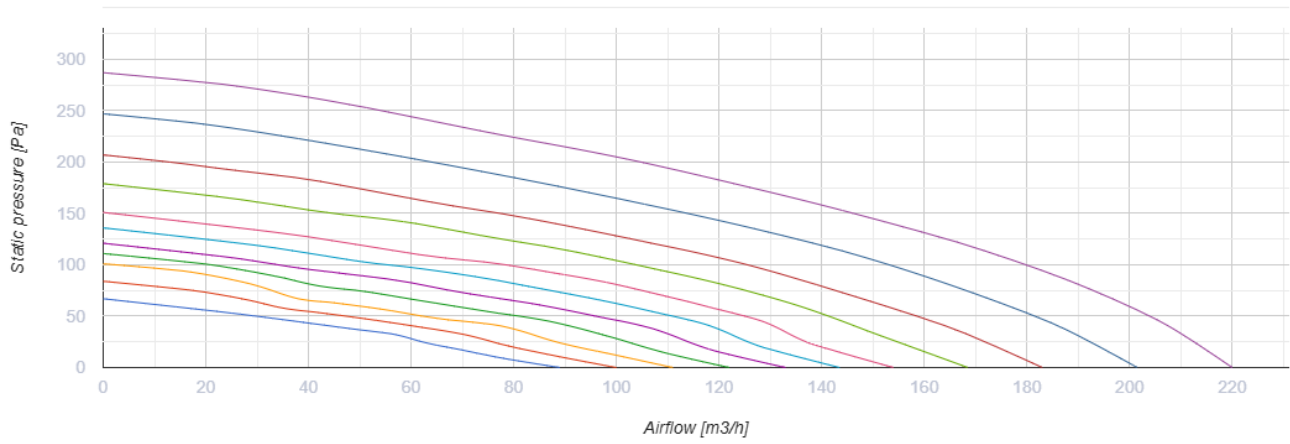
KOMFORT EC D5B 180-E S14

Heat and energy recovery air handling units

- Maximum airflow: 220
- Sound pressure level LpA at 3 m: 33
- Heat exchanger type: Counter flow
- Extract filter: G4
- Supply filter: G4 + F7
- Sound insulation
- Motor type: EC
- Enthalpy heat exchanger
- Bypass: Manual
- Control: Wired control panel
- Casing material: EPP
- Installation in any position
- Humidity sensor: Optional
- CO2 sensor: Optional

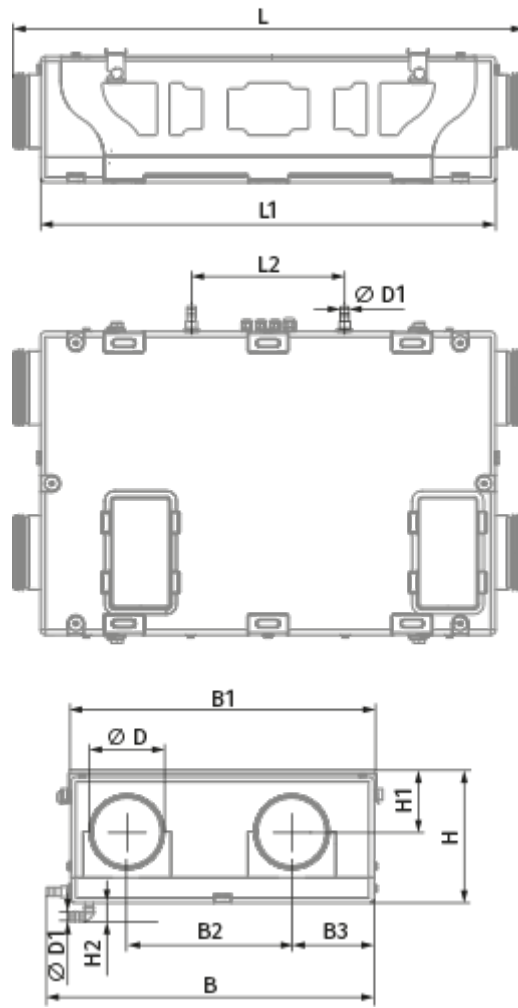
	Unit of measurement	KOMFORT EC D5B 180-E S14
Connected air duct size	mm	150
Speed	-	1
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	87
Unit current	A	0.71
Maximum airflow	m ³ /h	220
Sound pressure level LpA at 3 m	dB(A)	33
Heat recovery efficiency, max	%	94
Heat exchanger type	-	Counter flow
Heat exchanger material	-	Enthalpy
Weight	kg	14
Extract filter	-	G4
Supply filter	-	G4 + F7
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

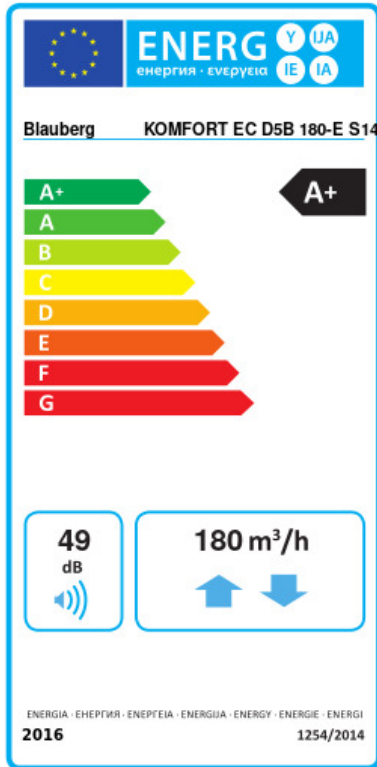


Dimensions

Ø D	Ø D1	B	B1	B2	B3	L	L1	L2	H	H1	H2
150	-	650	600	326	163	900	1009	302	264	110	-



Ecodesign




Trademark	Blauberg			
Model	KOMFORT EC D5B 180-E S14			
Specific energy consumption (SEC) (kWh/(m ² /a))	Cold	Average	Warm	
	-80.7	A+	-42.2	A+ -17.5 E
Type of ventilation unit	Bidirectional			
Type of drive installed	Variable speed			
Type of heat recovery system	Recuperative			
Thermal efficiency of heat recovery (%)	85			
Maximum flow rate (m ³ /h)	180			
Electric power input (W)	77			
Reference flow rate (m ³ /s)	0.035			
Reference pressure difference (Pa)	50			
Specific power input (SPI) (W/(m ³ /h))	0.248			
Control typology	Local demand control			
Maximum internal leakage rates (%)	2.7			
Maximum external leakage rates (%)	2.7			
Sound power level (dB(A))	49			
Declared typology	RVU BVU			
The annual electricity consumption (AEC) (kWh/a)	Cold	Average	Warm	
	713	176	131	
The annual heating saved (AHS) (kWh/a)	Cold	Average	Warm	
	8979	4590	2075	




Accessories

Other accessories




Name	Photo	Description
FP 214x186x18 G4		G4 panel filter

FP 214x186x48 F7		F7 panel filter
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Other accessories

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

Other accessories

Name	Photo	Description
SD 150/600		Silencers for round ducts
SD 150/900		Silencers for round ducts
SD 150/1200		Silencers for round ducts

Other accessories

Name	Photo	Description
VKA 150		Air dampers for round ducts