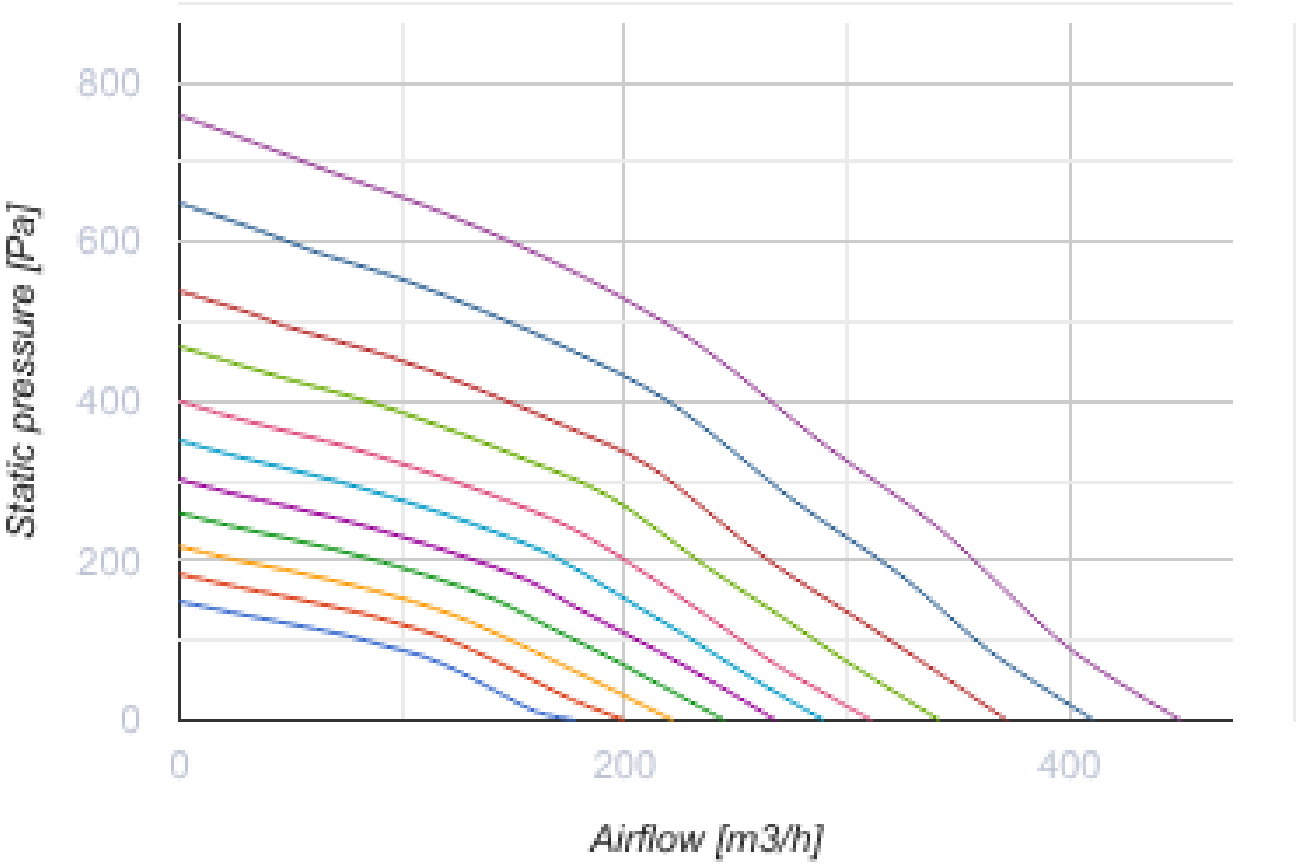


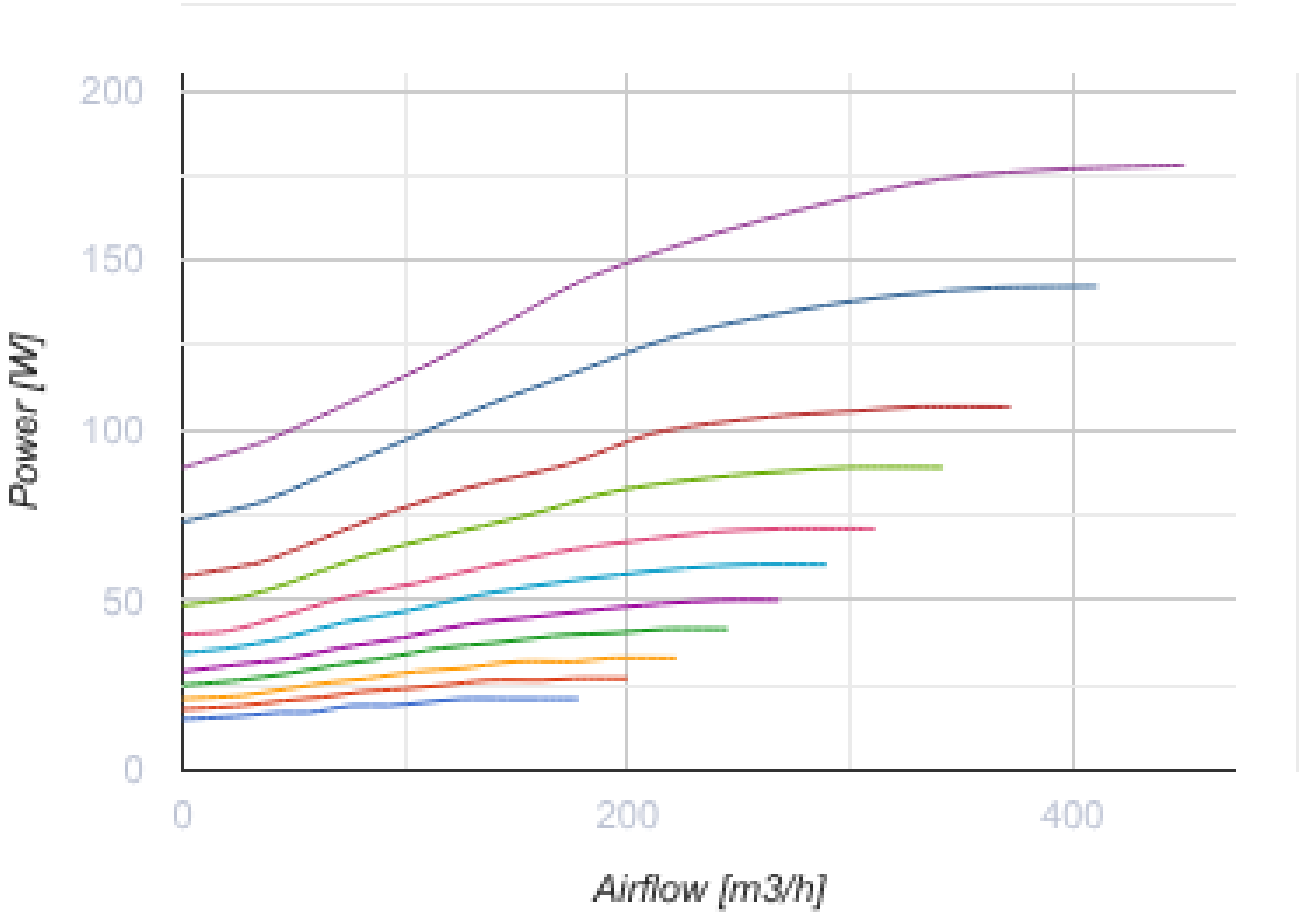
KOMFORT EC SB 350-E S14

Heat and humidity recovery air handling units

- Heat exchanger type: Counter flow
- Heat exchanger material: Enthalpy
- Sound-insulated casing
- Enthalpy heat exchanger
- Bypass: Manual
- Control: Wired control panel
- Casing material: Coated steel
- Humidity sensor: Optional
- CO2 sensor: Optional

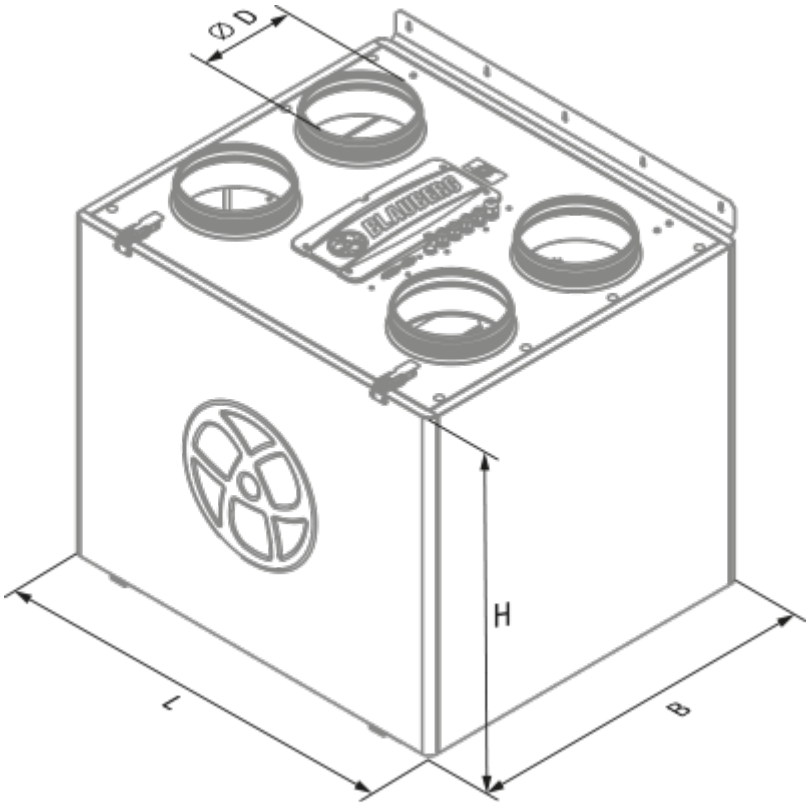
	Unit of measurement	KOMFORT EC SB 350-E S14
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Maximum airflow	m³/h	450
Heat recovery efficiency, max	%	91
Heat exchanger type	-	Counter flow
Heat exchanger material	-	Enthalpy
Weight	kg	64
Transported air temperature (max)	°C	40
Transported air temperature (min)	°C	-25
Ambient air temperature min	°C	1
Ambient air temperature max	°C	40
Ingress protection rating	-	IP20
Ingress protection rating of the drive	-	IP44
Ambient air humidity max	%	60


800
600
400
200
0
Static pressure [Pa]
0
200
400
Airflow [m3/h]

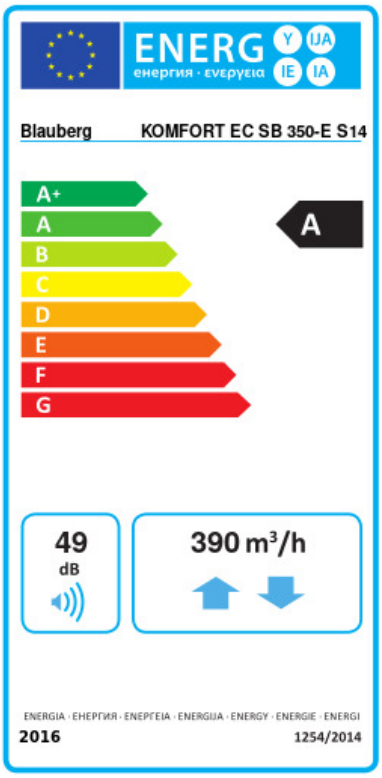


Dimensions

ØD	B	H	L
160	583	675	730


Ø D
H
L
B

Ecodesign



Trademark	Blauberg					
Model	KOMFORT EC SB 350-E S14					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	-77	A+	-40.2	A	-16.6	E
Type of ventilation unit	Bidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	Recuperative					
Thermal efficiency of heat recovery (%)	76					
Maximum flow rate (m³/h)	390					
Electric power input (W)	177					
Reference flow rate (m³/s)	0.078					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m³/h))	0.254					
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))	49					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	716		179		134	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	8614		4403		1991	

Accessories

CO2 sensors

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

Humidity sensors

Name	Photo	Description
FS2		Humidity sensor

Other accessories

Name	Photo	Description
FP 500x196x40 F7		F7 panel filter
FP 500x196x40 G4		G4 panel filter