



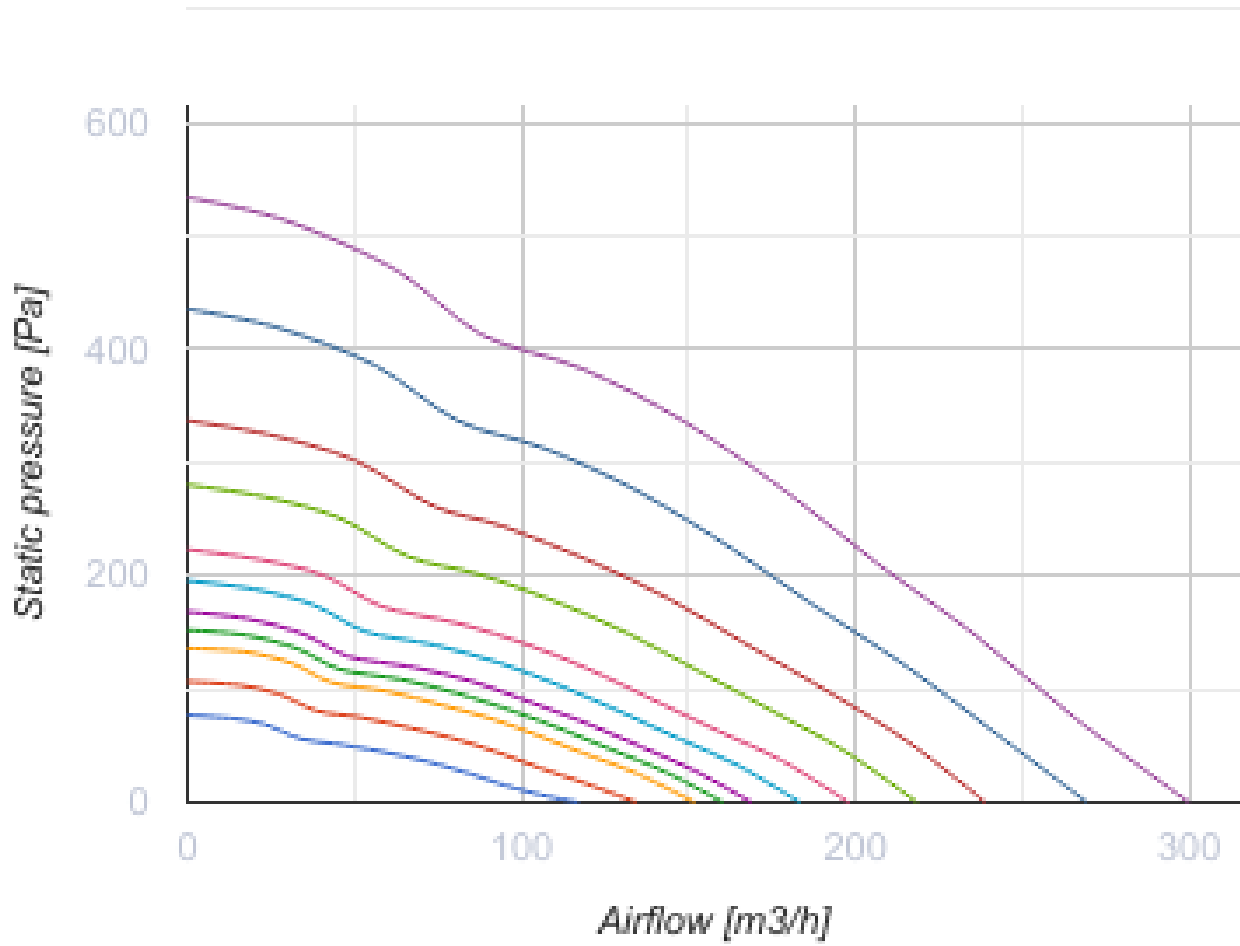
KOMFORT Ultra EC S2 300-E S14 white

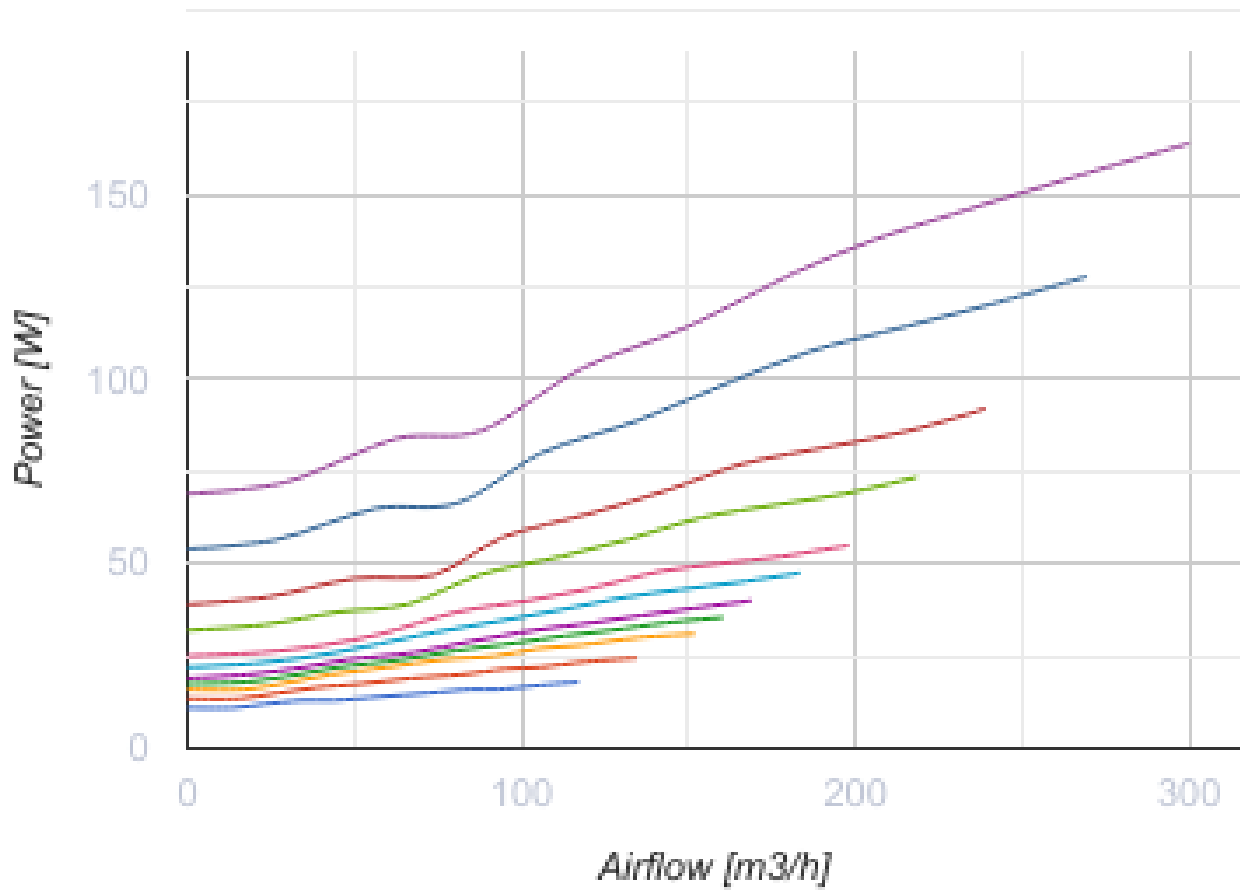
Compact heat recovery air handling units

- Maximum airflow: 300
- Sound pressure level LpA at 3 m: 33
- Heat exchanger type: Cross flow
- Extract filter: G4
- Supply filter: G4, F8
- Sound insulation
- Motor type: EC
- Enthalpy heat exchanger
- Control: Wired control panel
- Casing material: Double-skinned white painted metal panels

	Unit of measurement	KOMFORT Ultra EC S2 300-E S14 white
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	165
Unit current	A	1.3
Maximum airflow	m ³ /h	300
Sound pressure level LpA at 3 m	dB(A)	33
Heat recovery efficiency, max	%	73
Heat exchanger type	-	Cross flow
Heat exchanger material	-	Enthalpy
Weight	kg	28
Extract filter	-	G4
Supply filter	-	G4, 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	%	80

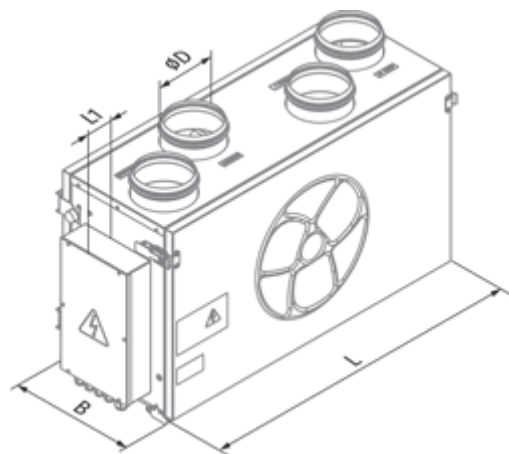
Ingress protection rating	-	IP22
Ingress protection rating of the drive	-	IP44



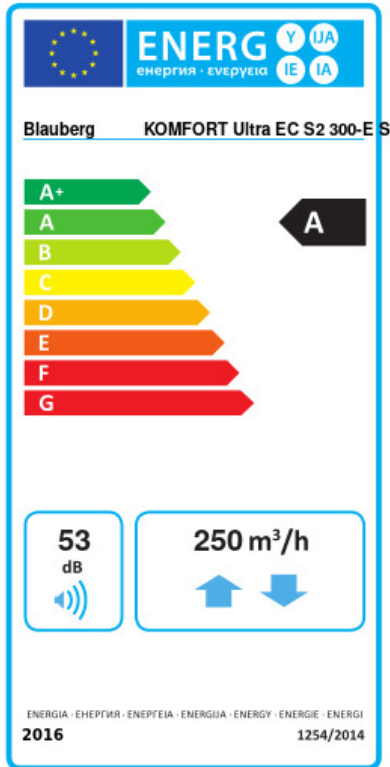


Dimensions

ØD	B	H	H1	L	L1
125	287	447	495	714	776



Ecodesign



Trademark	Blauberg					
Model	KOMFORT Ultra EC S2 300-E S14 white					
Specific energy consumption (SEC) (kWh/(m ² /a))	Cold		Average		Warm	
	68.9	A+	35.7	A	14.1	E
Type of ventilation unit	Bidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	Recuperative					
Thermal efficiency of heat recovery (%)	58					
Maximum flow rate (m ³ /h)	250					
Electric power input (W)	150					
Reference flow rate (m ³ /s)	0.044					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m ³ /h))	0.313					
Control typology	Local demand control					
Maximum internal leakage rates (%)	2.7					
Maximum external leakage rates (%)	2.7					
Sound power level (dB(A))	53					
Declared typology	RVU BVU					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	747		210		165	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	7885		4031		1823	


Accessories

Other accessories



Name	Photo	Description
FP 240x184x40 G4		G4 panel filter
FP 240x184x40 F8		

SB C4 200/240		
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Humidity sensors

Name	Photo	Description
FS2		Humidity sensor



CO2 sensors

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

For round ducts

Name	Photo	Description
SD 125/600		Silencers for round ducts
SD 125/900		Silencers for round ducts
SD 125/1200		Silencers for round ducts

For round ducts

Name	Photo	Description
VRV 125		Backdraft dampers with spring for round ducts
VKA 125		Air dampers for round ducts

Electric actuators

Name	Photo	Description
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[Belimo TF230](#)



Electric actuators