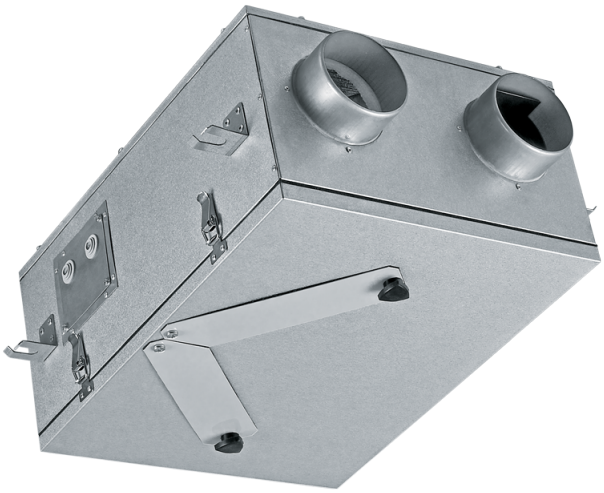


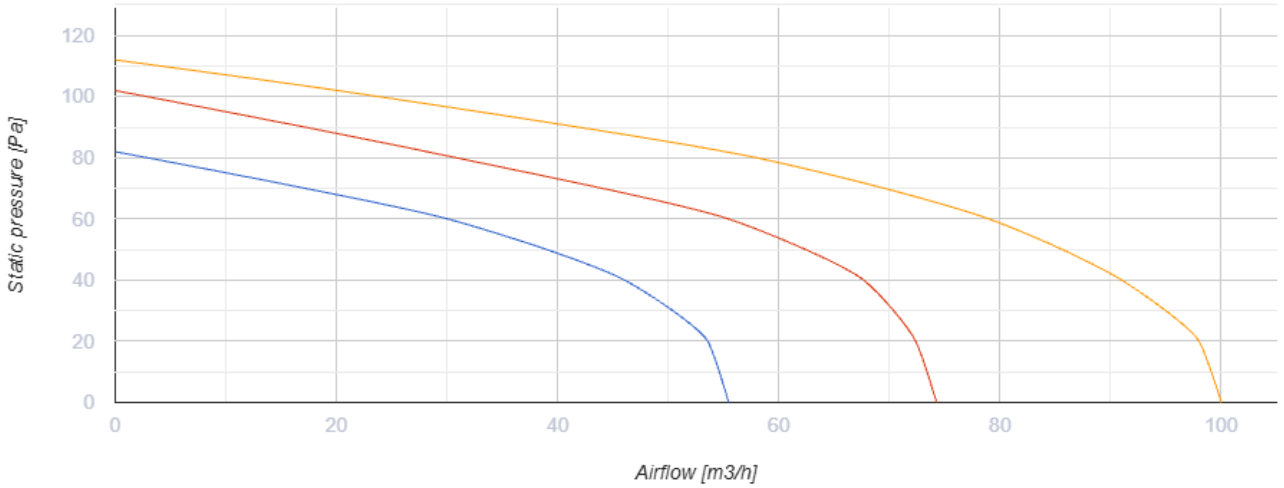
KOMFORT Ultra D 105-A

Single room heat recovery air handling units

- Sound pressure level LpA at 3 m: 41
- Heat exchanger type: Cross flow
- Heat exchanger material: Polystyrene
- Supply filter: G4
- Extract filter: G4
- Sound-insulated casing
- Control: Speed switch
- Casing material: Galvanized steel

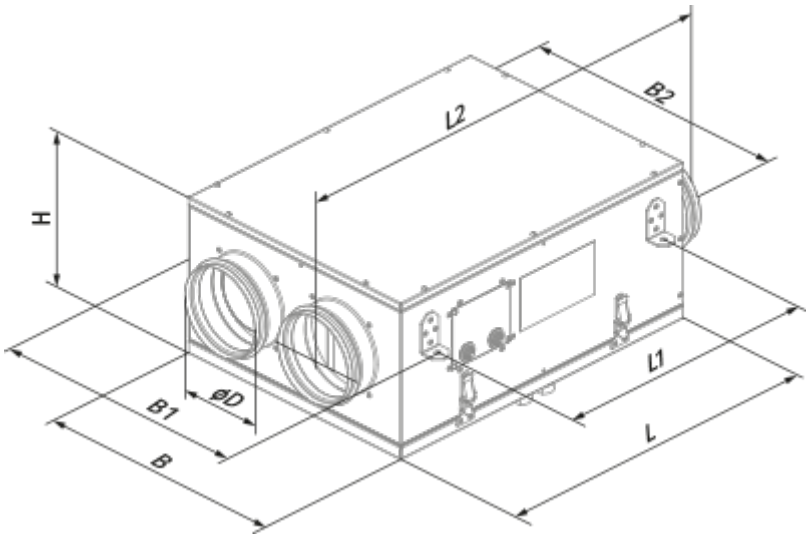
	Unit of measurement	KOMFORT Ultra D 105-A		
Speed	-	1	2	3
Connected air duct size	mm	125		
Phases	-	1		
Maximum supply voltage	V	230		
Minimum supply voltage	V	230		
Power supply frequency	Hz	50		
Rated power	W	56		
Unit current	A	0.34		
Maximum airflow	m³/h	55	74	100
Rotation speed at 50hz	-	1300	1950	2500
Sound pressure level LpA at 3 m	dB(A)	24	32	41
Heat recovery efficiency, max	%	76		
Heat exchanger type	-	Cross flow		
Heat exchanger material	-	Polystyrene		
Weight	kg	13		
Supply filter	-	G4		
Extract filter	-	G4		
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	-	IP22
Ambient air humidity max	%	60
Ingress protection rating of the drive	-	IP44

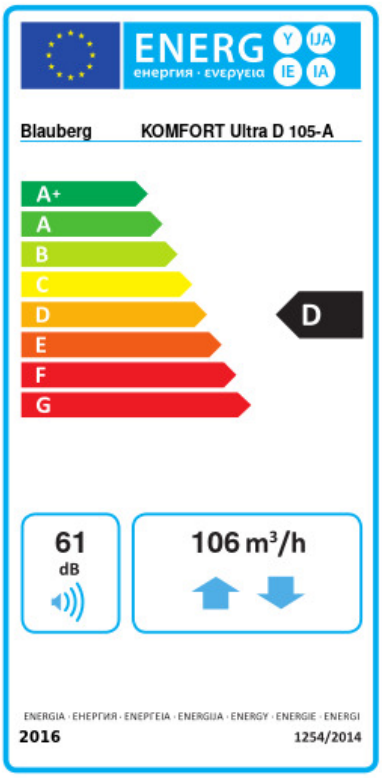


Dimensions

ØD	B	B1	B2	H	L	L1	L2
125	374	404	112.6	224	497	397	595



Ecodesign



Trademark	Blauberg					
Model	KOMFORT Ultra D 105-A					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	-54.1	A+	-22.3	D	-1.5	F
Type of ventilation unit	Bidirectional					
Type of drive installed	Multi-speed					
Type of heat recovery system	Recuperative					
Thermal efficiency of heat recovery (%)	68					
Maximum flow rate (m³/h)	106					
Electric power input (W)	56					
Reference flow rate (m³/s)	0.021					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m³/h))	0.512					
Control typology	Manual control					
Maximum internal leakage rates (%)	2.7					
Maximum external leakage rates (%)	2.7					
Declared typology	RVU BVU					
Sound power level (dB(A))	61					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	1224		687		642	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	7592		3881		1755	

Accessories

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

Other accessories

Name	Photo	Description
FP 205x198x8 G4		G4 panel filter