

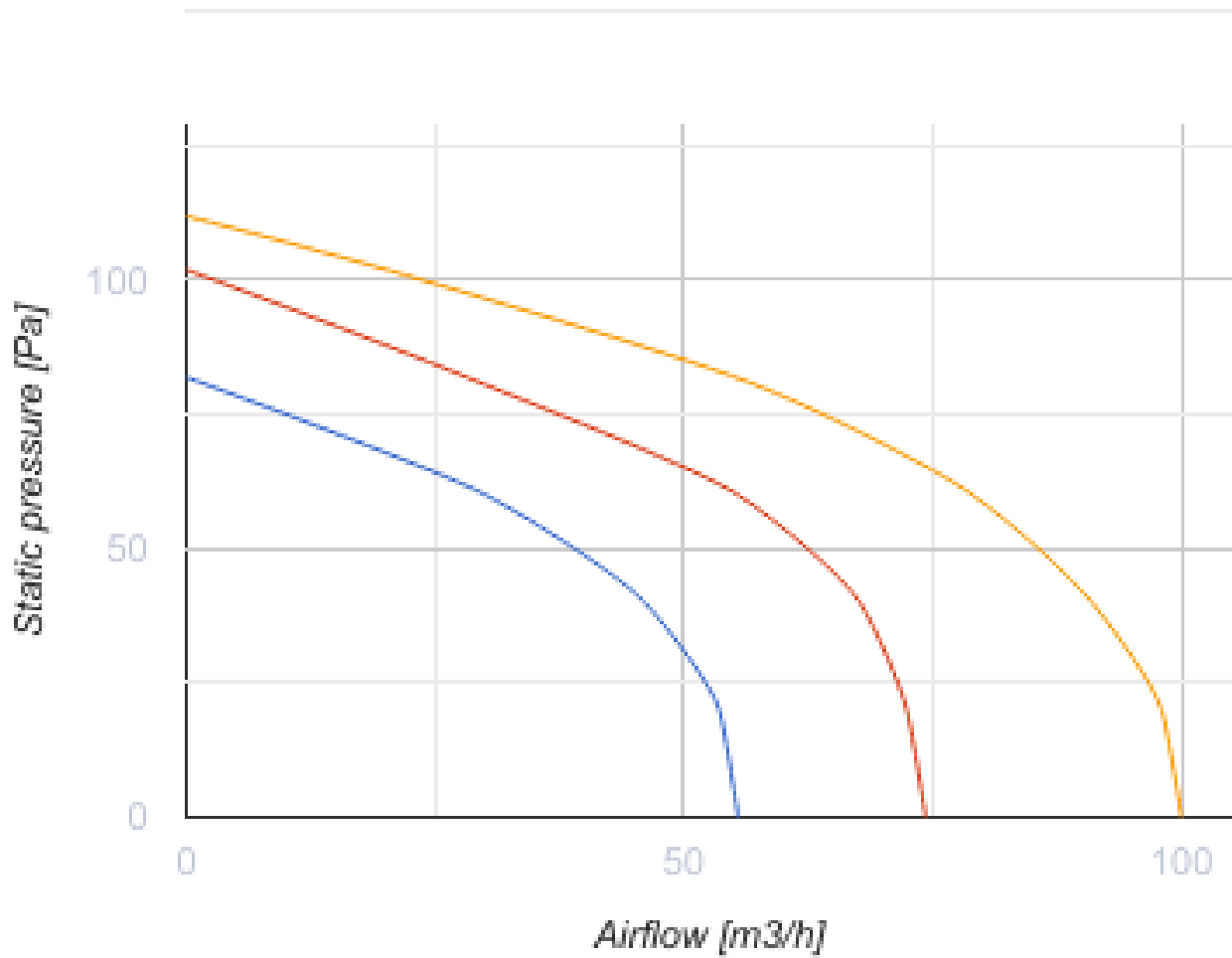
# KOMFORT Ultra D 105-A

Single room heat recovery air handling units

- Maximum airflow: 100
- Sound pressure level LpA at 3 m: 41
- Heat exchanger type: Cross flow
- Extract filter: G4
- Supply filter: G4
- Sound insulation
- Motor type: AC
- Control: Speed switch
- Casing material: Galvanized steel

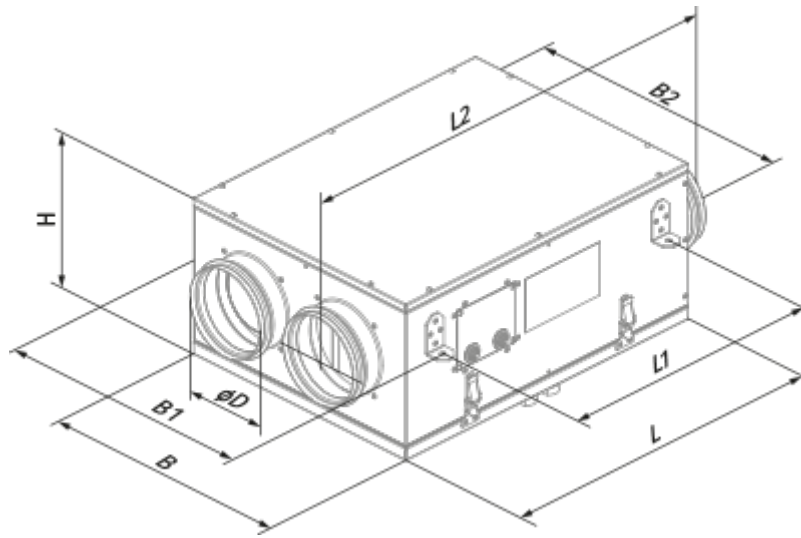
	Unit of measurement	KOMFORT Ultra D 105-A		
Connected air duct size	mm	125		
Speed	-	3		
Phases	-	1		
Minimum supply voltage	V	230		
Maximum supply voltage	V	230		
Power supply frequency	Hz	50		
Rated power	W	56		
Unit current	A	0.34		
Maximum airflow	m <sup>3</sup> /h	55	74	100
Sound pressure level 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		
Extract filter	-	G4		
Supply 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		
Ambient air humidity max	%	60		

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

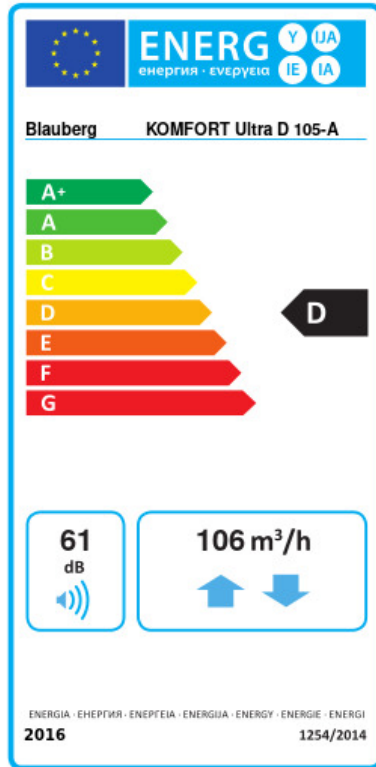


### Dimensions

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/(m <sup>2</sup> /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 (m <sup>3</sup> /h)	106			
Electric power input (W)	56			
Reference flow rate (m <sup>3</sup> /s)	0.021			
Reference pressure difference (Pa)	50			
Specific power input (SPI) (W/(m <sup>3</sup> /h))	0.512			
Control typology	Manual control			
Maximum internal leakage rates (%)	2.7			
Maximum external leakage rates (%)	2.7			
Sound power level (dB(A))	61			
Declared typology	RVU BVU			
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


### Other accessories

Name	Photo	Description
FP 205x198x8 G4		G4 panel filter
SB C4 200/190		

### For round ducts

Name	Photo	Description
<a href="#">SD 125/600</a>		Silencers for round ducts
<a href="#">SD 125/900</a>		Silencers for round ducts
<a href="#">SD 125/1200</a>		Silencers for round ducts

### For round ducts

Name	Photo	Description
<a href="#">VRV 125</a>		Backdraft dampers with spring for round ducts