KOMFORT L 500

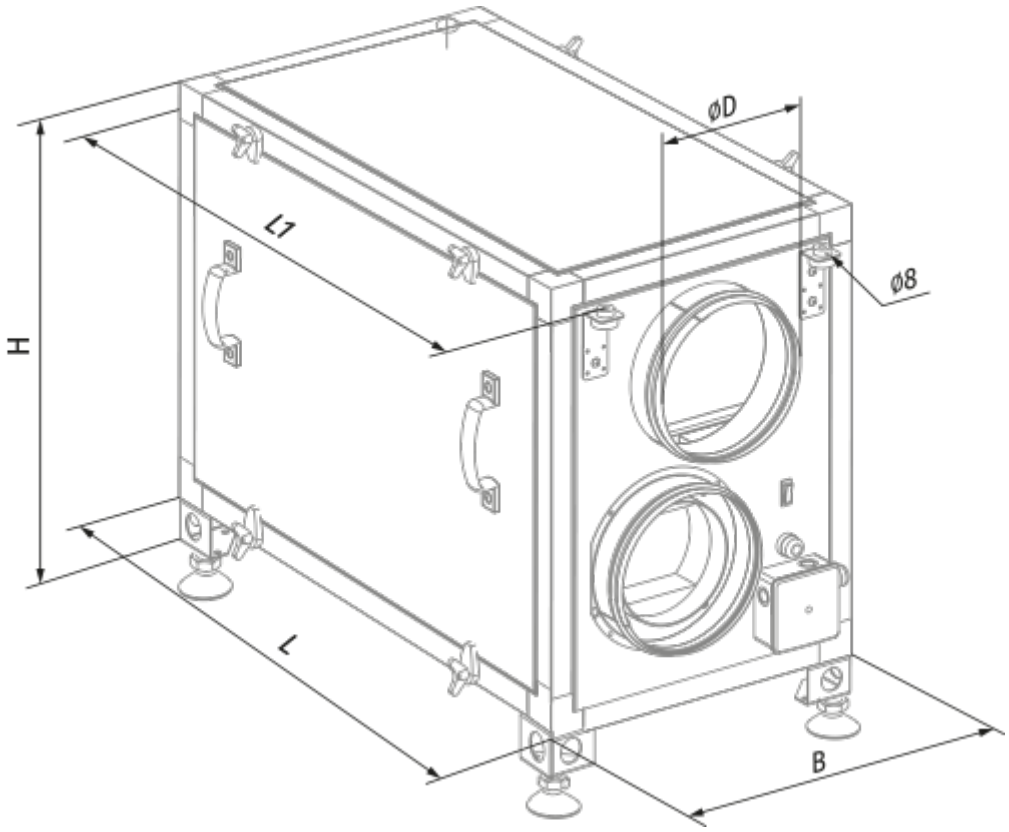
Heat recovery air handling units

- Heat exchanger type: Cross flow
- Heat exchanger material: Polystyrene
- Sound-insulated casing
- Control: Speed switch
- Casing material: Aluzinc steel

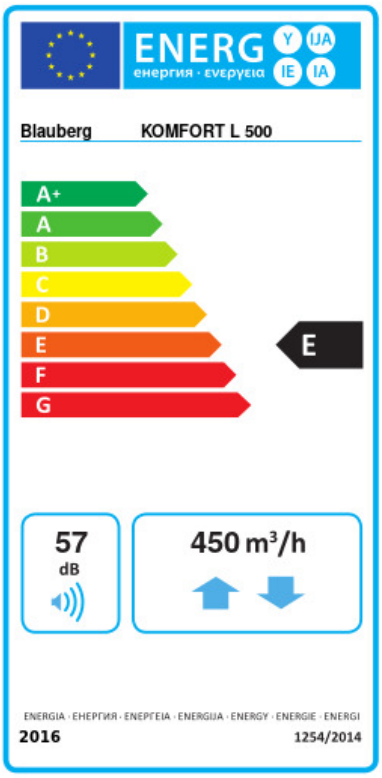
	Unit of measurement	KOMFORT L 500
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Maximum airflow	m³/h	500
Heat recovery efficiency, max	%	88
Heat exchanger type	-	Cross flow
Heat exchanger material	-	Polystyrene
Weight	kg	49
Transported air temperature (max)	°C	40
Transported air temperature (min)	°C	-25
Ambient air temperature min	°C	1
Ambient air temperature max	°C	50
Ingress protection rating	-	IP22
Ambient air humidity max	%	80
Ingress protection rating of the drive	-	IP44

Dimensions

ØD	B	H	L	L1
149	416	603	722	768



Ecodesign



Trademark	Blauberg					
Model	KOMFORT L 500					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	-47.3	A+	-17.1	E	2.9	G
Type of ventilation unit	Bidirectional					
Type of drive installed	Multi-speed					
Type of heat recovery system	Recuperative					
Thermal efficiency of heat recovery (%)	63					
Maximum flow rate (m³/h)	450					
Electric power input (W)	300					
Reference flow rate (m³/s)	0.088					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m³/h))	0.603					
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))	57					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	1369		832		787	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	7281		3722		1683	

Accessories

Other accessories

Name	Photo	Description
FP 436x215x48 G4		G4 panel filter
SB C4 300/384		