



KOMFORT LW 800-4

Heat recovery air handling units

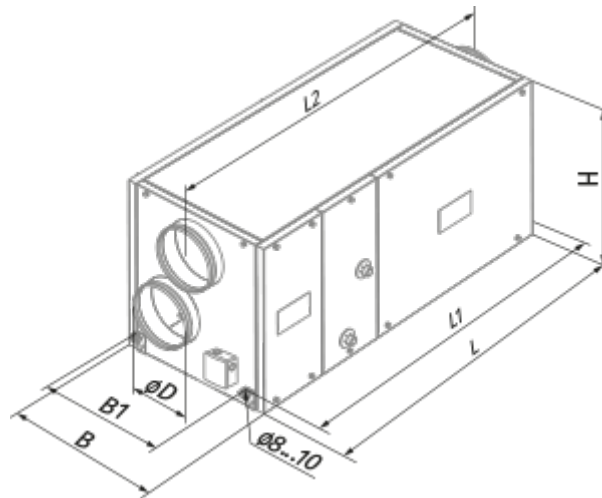
- Maximum airflow: 780
- Sound pressure level LpA at 3 m: 48
- Heat exchanger type: Cross flow
- Extract filter: G4
- Supply filter: G4
- Sound insulation
- Motor type: AC
- Reheater: Water
- Control: Wired control panel
- Casing material: Aluzinc steel

	Unit of measurement	KOMFORT LW 800-4
Connected air duct size	mm	250
Speed	-	1
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50
Rated power	W	490
Unit current	A	2.16
Maximum airflow	m ³ /h	780
Sound pressure level LpA at 3 m	dB(A)	48
Heat recovery efficiency, max	%	78
Heat exchanger type	-	Cross flow
Heat exchanger material	-	Polystyrene
Weight	kg	88
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	%	80

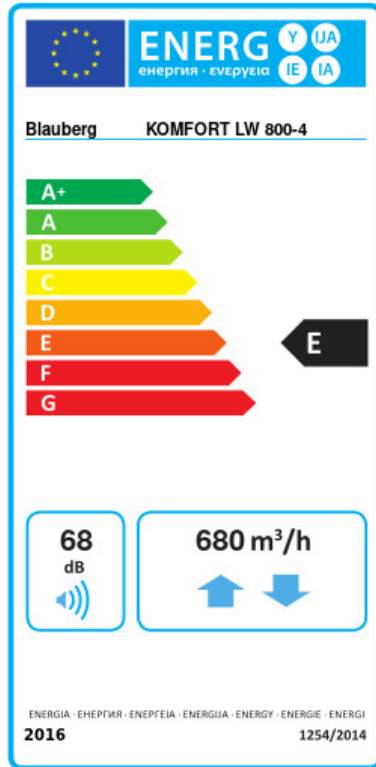
Ingress protection rating	-	IP22
Ingress protection rating of the drive	-	IP44

Dimensions

ØD	B	B1	H	L	L1	L2
249	613	460	698	1071	1117	1171



Ecodesign




Trademark	Blauberg		
Model	KOMFORT LW 800-4		
Specific energy consumption (SEC) (kWh/(m ² /a))	Cold	Average	Warm
	50.4	A+ 19.8	E 0.3 G
Type of ventilation unit	Bidirectional		
Type of drive installed	Multi-speed		
Type of heat recovery system	Recuperative		
Thermal efficiency of heat recovery (%)	64		
Maximum flow rate (m ³ /h)	680		
Electric power input (W)	490		
Reference flow rate (m ³ /s)	0.136		
Reference pressure difference (Pa)	50		
Specific power input (SPI) (W/(m ³ /h))	0.551		
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))	68		
The annual electricity consumption (AEC) (kWh/a)	Cold	Average	Warm
	1272	735	690
The annual heating saved (AHS) (kWh/a)	Cold	Average	Warm
	7343	3754	1697

Accessories


Other accessories

Name	Photo	Description
FP 550x253x48 G4		G4 panel filter
SB C4 300/384		

Other accessories

Name	Photo	Description
SD 250/600		Silencers for round ducts
SD 250/900		Silencers for round ducts
SD 250/1200		Silencers for round ducts
SDF 250/600		Flexible silencers for round ducts
SDF 250/900		Flexible silencers for round ducts
SDF 250/2000		Flexible silencers for round ducts

Other accessories

Name	Photo	Description
VRV 250		Backdraft dampers with spring for round ducts