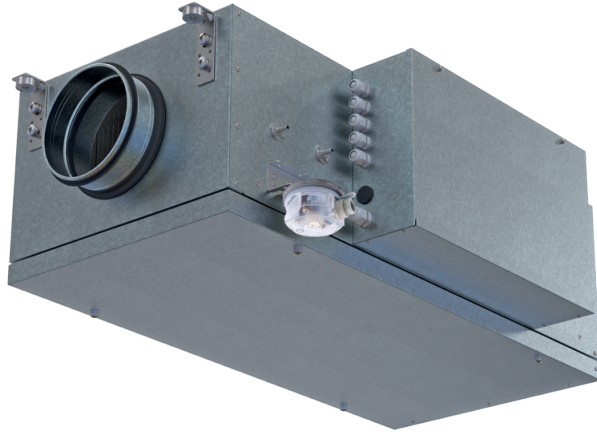


Blaubox EC ME 300-5.1 S31

Supply ventilation units with an electric heater

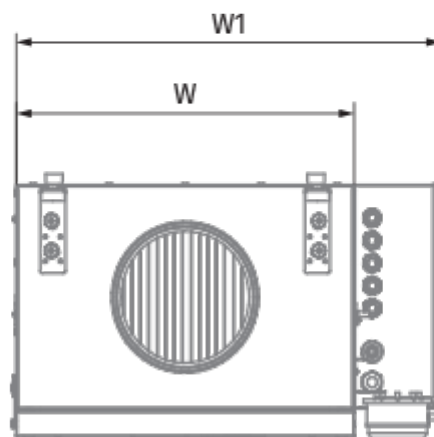
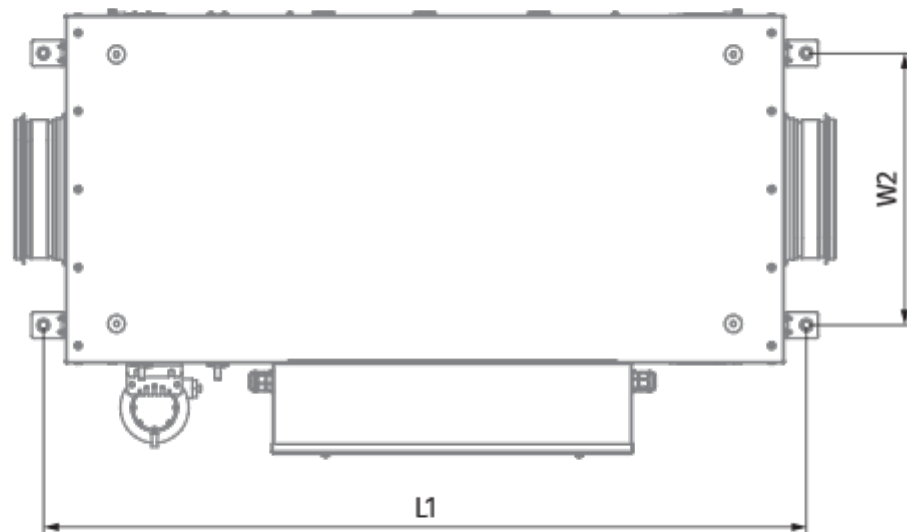
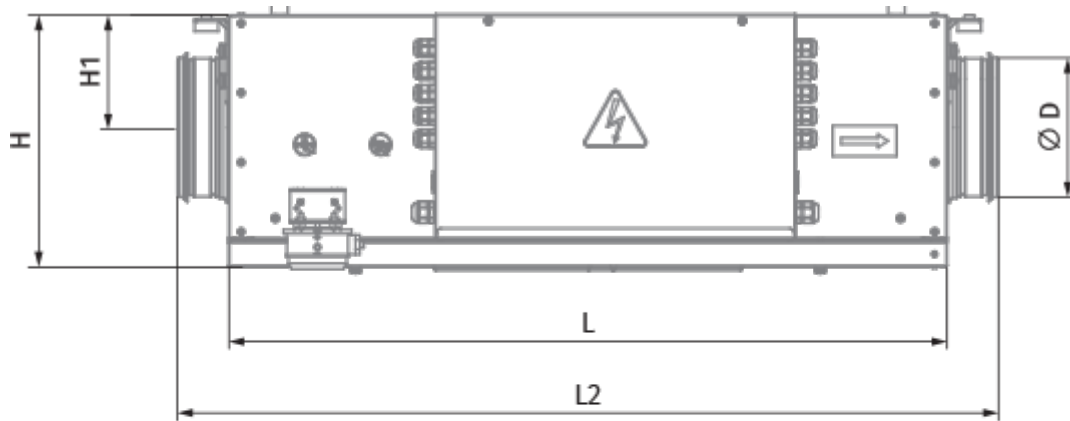


- Power of electrical reheater: 5100
- Maximum airflow: 354
- Sound pressure level LpA at 3 m: 35
- Filter: Coarse 90% / G4 (option: ePM1 70% / F7)
- Sound insulation
- Motor type: EC
- Reheater: Electric
- BMS protocol: ModBus
- Control: Wired control panel
- Casing material: Aluzinc steel

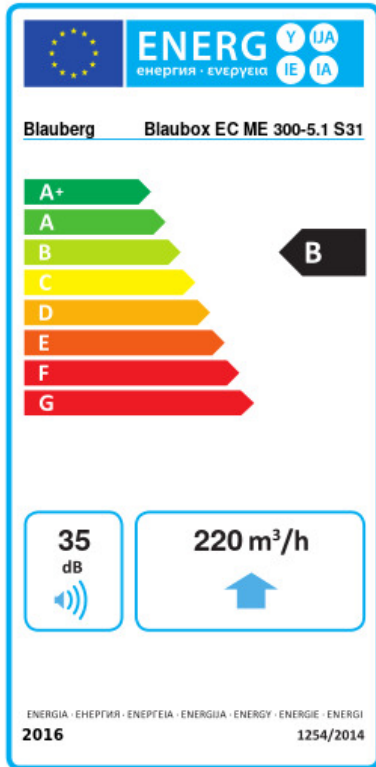
	Unit of measurement	Blaubox EC ME 300-5.1 S31
Connected air duct size	mm	160
Phases	-	3
Minimum supply voltage	V	400
Maximum supply voltage	V	400
Power supply frequency	Hz	50
Rated power	W	64
Power of electrical reheater	W	5100
Unit current	A	7.4
Maximum airflow	m ³ /h	354
Sound pressure level LpA at 3 m	dB(A)	35
Weight	kg	24
Filter	-	Coarse 90% / G4 (option: ePM1 70% / F7)
Transported air temperature (max)	°C	40
Transported air temperature (min)	°C	-30
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

D	H	L	L1	L2	W	W1	W2
160	290	850	903	950	400	514	313



Ecodesign




Trademark	Blauberg					
Model	Blaubox EC ME 300-5.1 S31					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	53.9	A+	26.8	B	11.3	E
Type of ventilation unit	Unidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	None					
Maximum flow rate (m³/h)	220					
Electric power input (W)	64					
Reference flow rate (m³/s)	0.058					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m³/h))	0.114					
Control typology	Local demand control					
Maximum internal leakage rates (%)	2.7					
Maximum external leakage rates (%)	2.7					
Sound power level (dB(A))	35					
Declared typology	RVU UVU					
The annual electricity consumption (AEC) (kWh/a)	Cold	Average		Warm		
	60	60		60		
The annual heating saved (AHS) (kWh/a)	Cold	Average		Warm		
	5536	2830		1280		

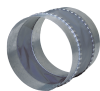
Accessories

Other accessories




Name	Photo	Description
FP 334x226x48 Coarse 90% / G4		G4 panel filter

FP 334x226x48 ePM1 70% / F7		F7 panel filter
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For round ducts

Name	Photo	Description
EVA 125		Flexible anti-vibration connectors for round ducts



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
VKA 125		Air dampers for round ducts

Electric actuators

Name	Photo	Description
Belimo TF24		Electric actuators
Belimo TF230		Electric actuators