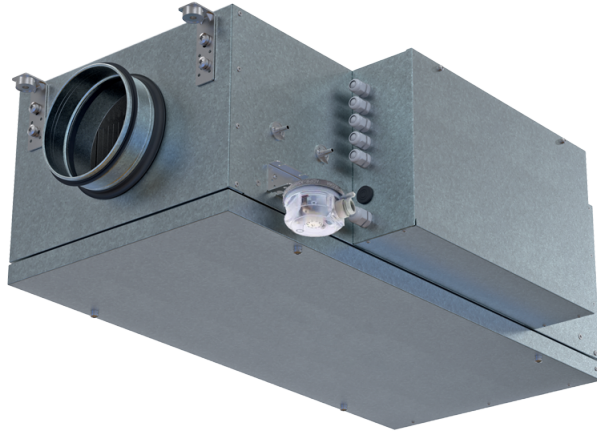


Blaubox EC ME 700-3 S31

Supply ventilation units with an electric heater

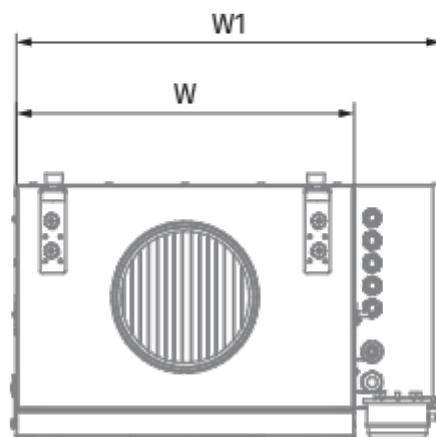
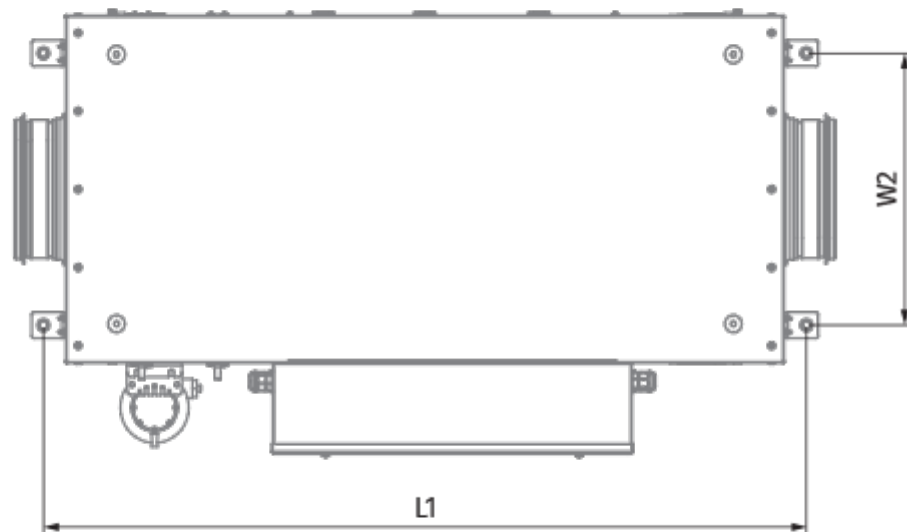


- Power of electrical reheater: 3000
- Maximum airflow: 760
- Sound pressure level LpA at 3 m: 41
- Filter: Coarse 90% / G4 (option: ePM1 70% / F7)
- Sound insulation
- Motor type: EC
- Reheater: Electric
- BMS protocol: ModBus
- Control: Wired control panel
- Casing material: Aluzinc steel

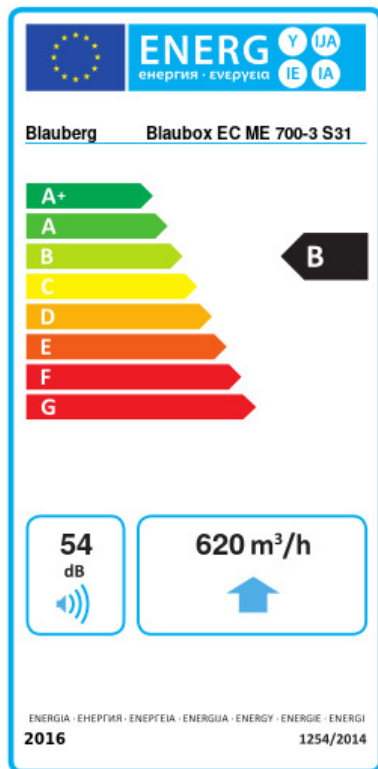
	Unit of measurement	Blaubox EC ME 700-3 S31
Connected air duct size	mm	250
Phases	-	3
Minimum supply voltage	V	400
Maximum supply voltage	V	400
Power supply frequency	Hz	50
Rated power	W	116
Power of electrical reheater	W	3000
Unit current	A	5
Maximum airflow	m ³ /h	760
Sound pressure level LpA at 3 m	dB(A)	41
Weight	kg	27
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
250	350	850	903	972	460	565	353



Ecodesign




Trademark	Blaubebox					
Model	Blaubebox EC ME 700-3 S31					
Specific energy consumption (SEC) (kWh/(m ² /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 (m ³ /h)	620					
Electric power input (W)	116					
Reference flow rate (m ³ /s)	0.139					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m ³ /h))	0.11					
Control typology	Local demand control					
Maximum internal leakage rates (%)	2.7					
Maximum external leakage rates (%)	2.7					
Declared typology	RVU UVU					
Sound power level (dB(A))	54					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	58		58		58	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	5536		2830		1280	

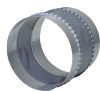
Accessories

Other accessories




Name	Photo	Description
FP 384x287x48 Coarse 90% / G4		G4 panel filter

FP 384x287x48 ePM1 70% / F7		F7 panel filter
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For round ducts

Name	Photo	Description
EVA 250		Flexible anti-vibration connectors for round ducts



For round ducts

Name	Photo	Description
SD 250/600		Silencers for round ducts
SD 250/900		Silencers for round ducts
SD 250/1200		Silencers for round ducts

For round ducts

Name	Photo	Description
VKA 250		Air dampers for round ducts

Electric actuators

Name	Photo	Description
Belimo TF24		Electric actuators
Belimo TF230		Electric actuators