

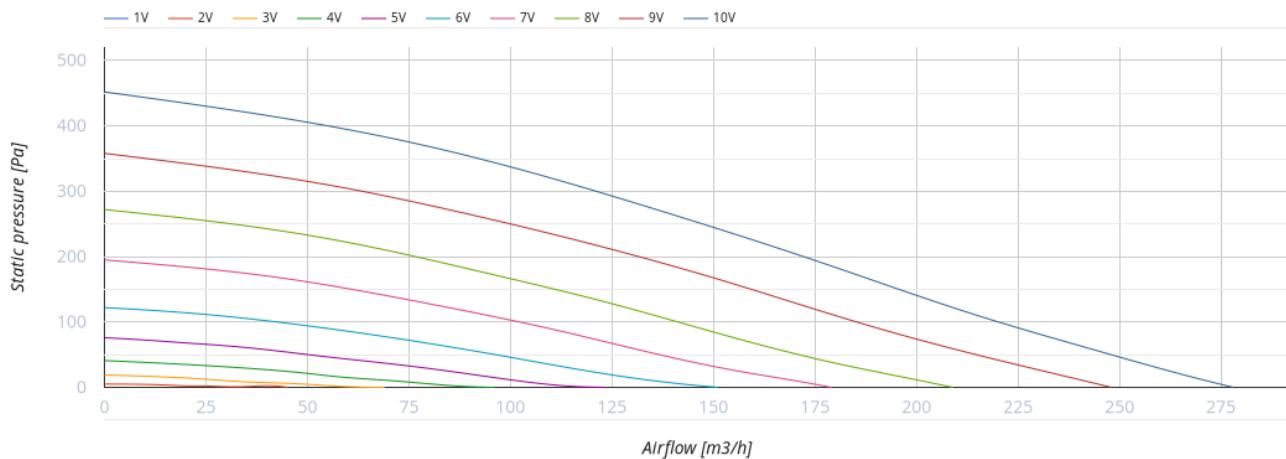
# KSB 100 EC



Centrifugal inline fans in insulated casing

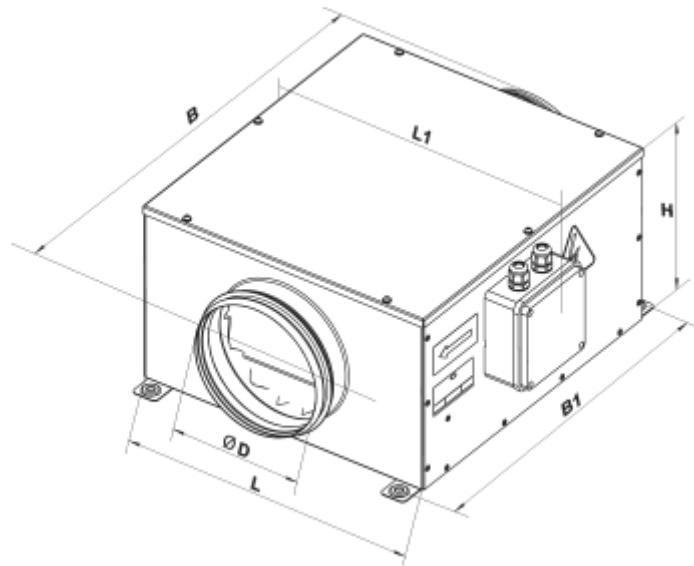
- Maximum airflow: 278
- Sound pressure level LpA at 3 m: 32
- Sound insulation
- Motor type: EC
- Impeller type: Centrifugal backward curved blades
- Casing material: Galvanized steel
- Installation in any position

	Unit of measurement	KSB 100 EC
Connected air duct size	mm	100
Speed	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	92.7
Unit current	A	0.75
Maximum airflow	m³/h	278
Sound pressure level LpA at 3 m	dB(A)	32
Transported air temperature (max)	°C	60
Transported air temperature (min)	°C	-25
Ingress protection rating	-	IPX4
Ingress protection rating of the drive	-	IP55

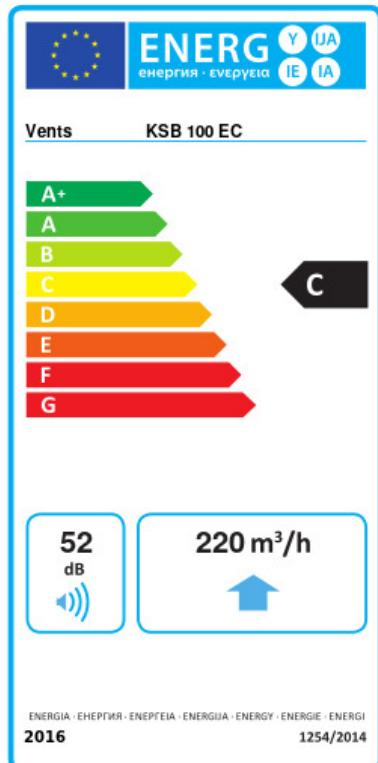


## Dimensions

ØD	L	B	H	L1	B1	L2	B2
99	325	355	200	375	447	280	380



## Ecodesign



Trademark	Vents		
Model	KSB 100 EC		
Specific energy consumption (SEC) (kWh/(m <sup>2</sup> /a))	Cold	Average	Warm
	-51.7	A+	-24.6 C -9.1 F
Type of ventilation unit	Unidirectional		
Type of drive installed	Variable speed		
Type of heat recovery system	None		
Maximum flow rate (m <sup>3</sup> /h)	220		
Electric power input (W)	88.1		
Reference flow rate (m <sup>3</sup> /s)	0.043		
Reference pressure difference (Pa)	50		
Specific power input (SPI) (W/(m <sup>3</sup> /h))	0.281		
Control typology	Local demand control		
Maximum external leakage rates (%)	2.7		
Declared typology	RVU UVU		
Sound power level (dB(A))	52		
The annual electricity consumption (AEC) (kWh/a)	Cold	Average	Warm
	148	148	148
The annual heating saved (AHS) (kWh/a)	Cold	Average	Warm
	5536	2830	1280