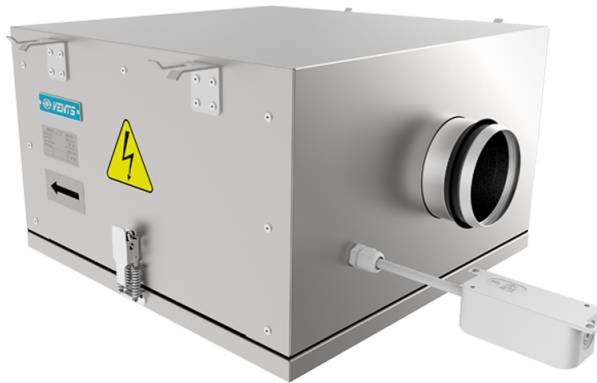


# KSF 100 K2 EC



Centrifugal duct fans in a heat- and sound-insulated casing

- Maximum airflow: 353
- Sound pressure level LpA at 3 m: 33
- Sound insulation
- Motor type: EC
- Impeller type: Centrifugal forward curved blades
- Casing material: Aluzinc
- Installation in any position

	Unit of measurement	KSF 100 K2 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	118
Unit current	A	0.92
Maximum airflow	m <sup>3</sup> /h	353
Sound pressure level LpA at 3 m	dB(A)	33
Weight	kg	17
Transported air temperature (max)	°C	50
Transported air temperature (min)	°C	-25
Ingress protection rating	-	IP44
Ingress protection rating of the drive	-	IP54
ErP compliance	-	2016, 2018
Cold - Specific energy consumption (SEC)	kWh/(m <sup>2</sup> /a)	52.7
SEC Class Cold	-	A+
Average - Specific energy consumption (SEC)	kWh/(m <sup>2</sup> /a)	25.6
SEC Class Average	-	C
Warm - Specific energy consumption (SEC)	kWh/(m <sup>2</sup> /a)	10.1
SEC Class Warm	-	E

Unit category	-	RVU
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	352
Electric power input	W	93
Reference flow rate	m <sup>3</sup> /s	0.068
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m <sup>3</sup> /h)	0.203
Control typology	-	Local demand control
Maximum external leakage rates	%	2.7
Cold - The annual electricity consumption (AEC)	kWh/a	107
Average - The annual electricity consumption (AEC)	kWh/a	107
Warm - Jährlicher Stromverbrauch (JSV)	kWh/a	107
Cold - The annual heating saved (AHS)	kWh/a	5536
The annual heating saved (AHS) Average	kWh/a	2830
The annual heating saved (AHS) Warm	kWh/a	1280
Declared typology	-	RVU UVU
Sound power level	dB(A)	53

## Dimensions

ØD	B	B1	B2	H	L1	L2
97	512	360	589	280	553	460

