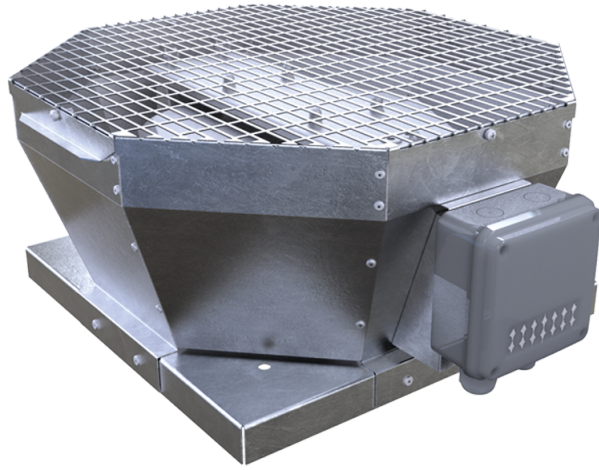


VKVz 4E 250



Centrifugal roof fans with vertical air exhaust

- Maximum airflow: 820
- Sound pressure level LpA at 3 m: 46
- Motor type: AC
- Impeller type: Centrifugal backward curved blades
- Casing material: Galvanized steel

	Unit of measurement	VKVz 4E 250
Speed	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50
Rated power	W	48
Unit current	A	0.23
Maximum airflow	m ³ /h	820
Sound pressure level LpA at 3 m	dB(A)	46
Weight	kg	12.1
Transported air temperature (max)	°C	50
Transported air temperature (min)	°C	-25
Ingress protection rating	-	IPX4
Ingress protection rating of the drive	-	IP44
ErP compliance	-	2016, 2018
Cold - Specific energy consumption (SEC)	kWh/(m ³ /a)	53.4
SEC Class Cold	-	A+
Average - Specific energy consumption (SEC)	kWh/(m ³ /a)	26.4
SEC Class Average	-	B
Warm - Specific energy consumption (SEC)	kWh/(m ³ /a)	10.9
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 ³ /h	460
Electric power input	W	47
Reference flow rate	m ³ /s	0.089
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m ³ /h)	0.146
Control typology	-	Local demand control
Maximum external leakage rates	%	2.7
Cold - The annual electricity consumption (AEC)	kWh/a	77
Average - The annual electricity consumption (AEC)	kWh/a	77
Warm - Jährlicher Stromverbrauch (JSV)	kWh/a	77
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)	66

Dimensions

A	B	C	ØD
481	425	240	285

