

VKHz 4E 225



Centrifugal roof fans with horizontal air exhaust

- Maximum airflow: 738
- Sound pressure level LpA at 3 m: 45
- Motor type: AC
- Impeller type: Centrifugal backward curved blades
- Casing material: Galvanized steel

	Unit of measurement	VKHz 4E 225
Speed	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50
Rated power	W	49
Unit current	A	0.22
Maximum airflow	m ³ /h	738
Sound pressure level LpA at 3 m	dB(A)	45
Weight	kg	8.8
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)	53.3
SEC Class Cold	-	A+
Average - Specific energy consumption (SEC)	kWh/(m ³ /a)	26.3
SEC Class Average	-	B
Warm - Specific energy consumption (SEC)	kWh/(m ³ /a)	10.8
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	49
Reference flow rate	m ³ /s	0.089
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m ³ /h)	0.152
Control typology	-	Local demand control
Maximum external leakage rates	%	2.7
Cold - The annual electricity consumption (AEC)	kWh/a	81
Average - The annual electricity consumption (AEC)	kWh/a	81
Warm - Jährlicher Stromverbrauch (JSV)	kWh/a	81
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)	65

Dimensions

H	H1	A	B	C	Ød	ØD
233	240	351	350	245	11	210

