

VKM 125 EC E



Inline centrifugal fans in steel casing

- Maximum airflow: 415
- Sound pressure level LpA at 3 m: 45
- Motor type: EC
- Impeller type: Centrifugal backward curved blades
- Casing material: Coated steel
- Installation in any position

	Unit of measurement	VKM 125 EC E
Connected air duct size	mm	125
Speed	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	75
Unit current	A	0.63
Maximum airflow	m ³ /h	415
Sound pressure level LpA at 3 m	dB(A)	45
Transported air temperature (max)	°C	45
Transported air temperature (min)	°C	-25
Ingress protection rating	-	IPX4
ErP compliance	-	2016, 2018
Cold - Specific energy consumption (SEC)	kWh/(m ² /a)	53.6
SEC Class Cold	-	A+
Average - Specific energy consumption (SEC)	kWh/(m ² /a)	26.6
SEC Class Average	-	B
Warm - Specific energy consumption (SEC)	kWh/(m ² /a)	11.1
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 ³ /h	352
Electric power input	W	71
Reference flow rate	m ³ /s	0.068
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m ³ /h)	0.13
Control typology	-	Local demand control
Maximum external leakage rates	%	2.7
Cold - The annual electricity consumption (AEC)	kWh/a	69
Average - The annual electricity consumption (AEC)	kWh/a	69
Warm - Jährlicher Stromverbrauch (JSV)	kWh/a	69
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

ØD	ØD1	B	B1	H	L	L1	L2	L3
123	255	310	270	340	203	20	25	30

