

VK 125 EC



Inline centrifugal fans in plastic casing

- Maximum airflow: 420
- Sound pressure level LpA at 3 m: 42
- Motor type: EC
- Impeller type: Centrifugal backward curved blades
- Casing material: Plastic
- Installation in any position

	Unit of measurement	VK 125 EC
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	84
Unit current	A	0.64
Maximum airflow	m ³ /h	420
Sound pressure level LpA at 3 m	dB(A)	42
Weight	kg	2.2
Transported air temperature (max)	°C	60
Transported air temperature (min)	°C	-25
Ingress protection rating	-	IPX4
Ingress protection rating of the drive	-	IP55
ErP compliance	-	2016, 2018
Cold - Specific energy consumption (SEC)	kWh/(m ² /a)	53.8
SEC Class Cold	-	A+
Average - Specific energy consumption (SEC)	kWh/(m ² /a)	26.7
SEC Class Average	-	B
Warm - Specific energy consumption (SEC)	kWh/(m ² /a)	11.2
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	360
Electric power input	W	83
Reference flow rate	m ³ /s	0.069
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m ³ /h)	0.12
Control typology	-	Local demand control
Maximum external leakage rates	%	2.7
Cold - The annual electricity consumption (AEC)	kWh/a	64
Average - The annual electricity consumption (AEC)	kWh/a	64
Warm - Jährlicher Stromverbrauch (JSV)	kWh/a	64
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)	52

Dimensions

ØD	ØD1	B	L	L1	L2	L3
125	250	270	220	30	27	30

