

VCN 125 EC



Exhaust centrifugal fans in steel casing for outdoor surface mounting

- Maximum airflow: 480
- Sound pressure level LpA at 3 m: 57
- Motor type: EC
- Impeller type: Centrifugal backward curved blades
- Casing material: Coated steel
- Installation in any position

	Unit of measurement	VCN 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	103
Unit current	A	0.83
Maximum airflow	m ³ /h	480
Sound pressure level LpA at 3 m	dB(A)	57
Weight	kg	3.6
Transported air temperature (max)	°C	40
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	400
Electric power input	W	98
Reference flow rate	m ³ /s	0.078
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m ³ /h)	0.121
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)	77

Dimensions

ØD	L	B	H
125	355	260	140

