

VCN 100



Exhaust centrifugal fans in steel casing for outdoor surface mounting

- Maximum airflow: 325
- Sound pressure level LpA at 3 m: 54
- Motor type: AC
- Impeller type: Centrifugal backward curved blades
- Casing material: Coated steel
- Installation in any position

	Unit of measurement	VCN 100
Connected air duct size	mm	100
Speed	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	71
Unit current	A	0.31
Maximum airflow	m ³ /h	325
Sound pressure level LpA at 3 m	dB(A)	54
Weight	kg	3.82
Transported air temperature (max)	°C	55
Ingress protection rating	-	IPX4
Ingress protection rating of the drive	-	IP44
ErP compliance	-	2016, 2018
Cold - Specific energy consumption (SEC)	kWh/(m ³ /a)	52.9
SEC Class Cold	-	A+
Average - Specific energy consumption (SEC)	kWh/(m ³ /a)	25.8
SEC Class Average	-	C
Warm - Specific energy consumption (SEC)	kWh/(m ³ /a)	10.3
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	245
Electric power input	W	58
Reference flow rate	m ³ /s	0.048
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m ³ /h)	0.186
Control typology	-	Local demand control
Maximum external leakage rates	%	2.7
Cold - The annual electricity consumption (AEC)	kWh/a	98
Average - The annual electricity consumption (AEC)	kWh/a	98
Warm - Jährlicher Stromverbrauch (JSV)	kWh/a	98
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)	54

Dimensions

ØD	B	H	L
99	260	355	138

