

# VKP 100



Centrifugal fans in the steel casing for round ducts

- Maximum airflow: 240
- Sound pressure level LpA at 3 m: 47
- Motor type: AC
- Impeller type: Centrifugal backward curved blades
- Casing material: Coated steel
- Installation in any position

	Unit of measurement	VKP 100
Connected air duct size	mm	100
Minimum supply voltage	V	220
Maximum supply voltage	V	240
Power supply frequency	Hz	50/60
Rated power	W	58
Unit current	A	0.26
Maximum airflow	m <sup>3</sup> /h	240
Sound pressure level LpA at 3 m	dB(A)	47
Weight	kg	4.65
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 <sup>3</sup> /a)	52.3
SEC Class Cold	-	A+
Average - Specific energy consumption (SEC)	kWh/(m <sup>3</sup> /a)	25.3
SEC Class Average	-	C
Warm - Specific energy consumption (SEC)	kWh/(m <sup>3</sup> /a)	9.8
SEC Class Warm	-	F
Unit category	-	RVU

Type of ventilation unit	-	Unidirectional
Type of drive installed	-	Variable speed
Type of heat recovery system	-	None
Maximum flow rate	m <sup>3</sup> /h	200
Electric power input	W	58
Reference flow rate	m <sup>3</sup> /s	0.039
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m <sup>3</sup> /h)	0.228
Control typology	-	Local demand control
Maximum external leakage rates	%	2.7
Cold - The annual electricity consumption (AEC)	kWh/a	121
Average - The annual electricity consumption (AEC)	kWh/a	121
Warm - Jährlicher Stromverbrauch (JSV)	kWh/a	121
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)	47

## Dimensions

ØD	B	H	L	L2
99	252	133	420	321

