

# VKP 300x150 M1 EC



Centrifugal fans for rectangular ducts

- Maximum airflow: 565
- Sound pressure level LpA at 3 m: 44
- Motor type: EC
- Impeller type: Centrifugal backward curved blades
- Casing material: Galvanized steel
- Installation in any position

	Unit of measurement	VKP 300x150 M1 EC
Connected air duct size	mm	300x150
Speed	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	97
Unit current	A	0.73
Maximum airflow	m <sup>3</sup> /h	565
Sound pressure level LpA at 3 m	dB(A)	44
Weight	kg	5.5
Transported air temperature (max)	°C	50
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 <sup>2</sup> /a)	54.3
SEC Class Cold	-	A+
Average - Specific energy consumption (SEC)	kWh/(m <sup>2</sup> /a)	27.2
SEC Class Average	-	B
Warm - Specific energy consumption (SEC)	kWh/(m <sup>2</sup> /a)	11.7
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 <sup>3</sup> /h	510
Electric power input	W	90
Reference flow rate	m <sup>3</sup> /s	0.099
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m <sup>3</sup> /h)	0.082
Control typology	-	Local demand control
Maximum external leakage rates	%	2.7
Cold - The annual electricity consumption (AEC)	kWh/a	43
Average - The annual electricity consumption (AEC)	kWh/a	43
Warm - Jährlicher Stromverbrauch (JSV)	kWh/a	43
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
Sound power level	dB(A)	64
Declared typology	-	RVU UVU

## Dimensions

B	B1	B2	H	H1	H2	H3	L
300	320	340	150	170	190	228	350

