

VKP 400x200 M1 EC



Centrifugal fans for rectangular ducts

- Maximum airflow: 810
- Sound pressure level LpA at 3 m: 43
- Motor type: EC
- Impeller type: Centrifugal backward curved blades
- Casing material: Galvanized steel
- Installation in any position

	Unit of measurement	VKP 400x200 M1 EC
Connected air duct size	mm	400x200
Speed	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	91
Unit current	A	0.69
Maximum airflow	m ³ /h	810
Sound pressure level LpA at 3 m	dB(A)	43
Weight	kg	8.3
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 ² /a)	54.5
SEC Class Cold	-	A+
Average - Specific energy consumption (SEC)	kWh/(m ² /a)	27.5
SEC Class Average	-	B
Warm - Specific energy consumption (SEC)	kWh/(m ² /a)	12
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	700
Electric power input	W	84
Reference flow rate	m ³ /s	0.136
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m ³ /h)	0.063
Control typology	-	Local demand control
Maximum external leakage rates	%	2.7
Cold - The annual electricity consumption (AEC)	kWh/a	33
Average - The annual electricity consumption (AEC)	kWh/a	33
Warm - Jährlicher Stromverbrauch (JSV)	kWh/a	33
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)	63

Dimensions

B	B1	B2	H	H1	H2	H3	L
400	420	440	200	220	240	278	440

