

Centrifugal sound- and heat-insulated fans for rectangular ducts

VKPI 2E 400x200

- Maximum airflow: 930
- Sound pressure level LpA at 3 m: 45
- Sound insulation
- Motor type: AC
- Impeller type: Centrifugal backward curved blades
- Casing material: Galvanized steel
- Installation in any position

	Unit of measurement	VKPI 2E 400x200
Connected air duct size	mm	400x200
Speed	-	1
Minimum supply voltage	V	220
Maximum supply voltage	V	240
Power supply frequency	Hz	50/60
Rated power	W	138
Unit current	A	0.6
Maximum airflow	m ³ /h	930
Sound pressure level LpA at 3 m	dB(A)	45
Weight	kg	24.5
Transported air temperature (max)	°C	45
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 ² /a)	53.7
SEC Class Cold	-	A+
Average - Specific energy consumption (SEC)	kWh/(m ² /a)	26.6
SEC Class Average	-	B
Warm - Specific energy consumption (SEC)	kWh/(m ² /a)	11.1
SEC Class Warm	-	E
Unit category	-	RVU
Type of ventilation unit	-	Unidirectional
Type of drive installed	-	Multi-speed
Type of heat recovery system	-	None
Maximum flow rate	m ³ /h	850
Electric power input	W	138
Reference flow rate	m ³ /s	0.165
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m ³ /h)	0.128

Control typology	-	Local demand control
Maximum external leakage rates	%	2.7
Cold - The annual electricity consumption (AEC)	kWh/a	68
Average - The annual electricity consumption (AEC)	kWh/a	68
Warm - Jährlicher Stromverbrauch (JSV)	kWh/a	68
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)	51

Dimensions

B	B1	B2	B3	H	H1	H2	H3	L
400	420	440	500	200	220	240	360	500

