

VKP 160



Centrifugal fans in the steel casing for round ducts

- Maximum airflow: 553
- Sound pressure level LpA at 3 m: 50
- Motor type: AC
- Impeller type: Centrifugal backward curved blades
- Casing material: Coated steel
- Installation in any position

	Unit of measurement	VKP 160
Connected air duct size	mm	160
Minimum supply voltage	V	220
Maximum supply voltage	V	240
Power supply frequency	Hz	50/60
Rated power	W	85
Unit current	A	0.38
Maximum airflow	m ³ /h	553
Sound pressure level LpA at 3 m	dB(A)	50
Weight	kg	6.6
Transported air temperature (max)	°C	40
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	-	Variable speed
Type of heat recovery system	-	None
Maximum flow rate	m ³ /h	520
Electric power input	W	85
Reference flow rate	m ³ /s	0.101
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)	50

Dimensions

ØD	B	H	L	L2
159	305	170	480	382

