

# VKV 190 EC



Roof exhaust centrifugal fans with vertical air exhaust

- Maximum airflow: 670
- Sound pressure level LpA at 3 m: 52
- Motor type: EC
- Impeller type: Centrifugal backward curved blades
- Casing material: Coated steel

	Unit of measurement	VKV 190 EC
Speed	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	102
Unit current	A	0.77
Maximum airflow	m <sup>3</sup> /h	670
Sound pressure level LpA at 3 m	dB(A)	52
Weight	kg	8
Transported air temperature (max)	°C	60
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)	54.4
SEC Class Cold	-	A+
Average - Specific energy consumption (SEC)	kWh/(m <sup>2</sup> /a)	27.3
SEC Class Average	-	B
Warm - Specific energy consumption (SEC)	kWh/(m <sup>2</sup> /a)	11.8
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	610
Electric power input	W	95
Reference flow rate	m <sup>3</sup> /s	0.119
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m <sup>3</sup> /h)	0.075
Control typology	-	Local demand control
Maximum external leakage rates	%	2.7
Cold - The annual electricity consumption (AEC)	kWh/a	40
Average - The annual electricity consumption (AEC)	kWh/a	40
Warm - Jährlicher Stromverbrauch (JSV)	kWh/a	40
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)	72

## Dimensions

A	B	C
417	354	166

