

VKHz 560 EC



Roof exhaust centrifugal fans with horizontal air exhaust

- Maximum airflow: 13640
- Sound pressure level LpA at 3 m: 69
- Motor type: EC
- Impeller type: Centrifugal backward curved blades
- Casing material: Galvanized steel

	Unit of measurement	VKHz 560 EC
Speed	-	1
Minimum supply voltage	V	400
Maximum supply voltage	V	400
Power supply frequency	Hz	50/60
Rated power	W	2412
Unit current	A	3.83
Maximum airflow	m ³ /h	13640
Sound pressure level LpA at 3 m	dB(A)	69
Weight	kg	71
Transported air temperature (max)	°C	60
Transported air temperature (min)	°C	-25
Ingress protection rating	-	IPX4
Ingress protection rating of the drive	-	IP54
ErP compliance	-	2016, 2018
Cold - Specific energy consumption (SEC)	kWh/(m ² /a)	71.8
SEC Class Cold	-	A+
Average - Specific energy consumption (SEC)	kWh/(m ² /a)	34.8
SEC Class Average	-	A
Warm - Specific energy consumption (SEC)	kWh/(m ² /a)	13.5
SEC Class Warm	-	E
Unit category	-	RVU

Type of ventilation unit	-	Bidirectional	
Type of drive installed	-	Variable speed	
Type of heat recovery system	-	Regenerative	
Thermal efficiency of heat recovery	%	55	
Maximum flow rate	m ³ /h	33	
Electric power input	W	11	
Reference flow rate	m ³ /s	0.007	
Nominal flow rate	m ³ /s	1.904	
Nominal external pressure	Pa	779	
Specific power input (SPI)	W/(m ³ /h)	0.274	
Control typology	-	Local demand control	
Maximum internal leakage rates	%	2.7	
Maximum external leakage rates	%	2.7	
Mixing rate	%	1	
Airflow sensitivity at +20 Pa and -20 Pa	%	0.4	
The indoor/outdoor air tightness	m ³ /h	0.5	
Cold - The annual electricity consumption (AEC)	kWh/a	160	
Average - The annual electricity consumption (AEC)	kWh/a	160	
Warm - Jährlicher Stromverbrauch (JSV)	kWh/a	160	
Cold - The annual heating saved (AHS)	kWh/a	7581	
The annual heating saved (AHS) Average	kWh/a	3875	
The annual heating saved (AHS) Warm	kWh/a	1752	
Static efficiency	%	75.9	
Declared typology	-	NRVU UVU	RVU BVU
Effective electric power input	kW	2.124	
Sound power level	dB(A)	89	56

Dimensions

ØD	Ød	H	L	L1	L2
605	14	489	900	750	895

