

100 PF



Axial fans for exhaust ventilation with air capacity up to 342 m³/h

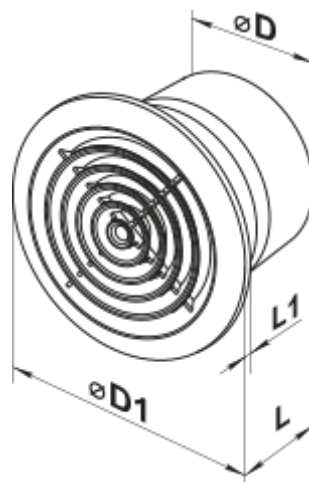
- Maximum airflow: 98
- Sound pressure level LpA at 3 m: 34
- Motor type: AC
- Casing material: Plastic

	Unit of measurement	100 PF
Connected air duct size	mm	100
Speed	-	1
Minimum supply voltage	V	220
Maximum supply voltage	V	240
Power supply frequency	Hz	50/60
Rated power	W	14
Unit current	A	0.085
Maximum airflow	m ³ /h	98
Sound pressure level LpA at 3 m	dB(A)	34
Weight	kg	0.47
Ambient air temperature min	°C	1
Ambient air temperature max	°C	40
Ingress protection rating	-	IP34
ErP compliance	-	2016
Cold - Specific energy consumption (SEC)	kWh/(m ² /a)	29.1
SEC Class Cold	-	B
Average - Specific energy consumption (SEC)	kWh/(m ² /a)	12.7
SEC Class Average	-	E
Warm - Specific energy consumption (SEC)	kWh/(m ² /a)	3.3
SEC Class Warm	-	F
Unit category	-	RVU

Type of ventilation unit	-	Unidirectional
Type of drive installed	-	Single speed
Type of heat recovery system	-	None
Maximum flow rate	m ³ /h	98
Electric power input	W	14
Reference flow rate	m ³ /s	0.019
Specific power input (SPI)	W/(m ³ /h)	0.143
Control typology	-	Manual control
Maximum external leakage rates	%	2.7
Cold - The annual electricity consumption (AEC)	kWh/a	179
Average - The annual electricity consumption (AEC)	kWh/a	179
Warm - Jährlicher Stromverbrauch (JSV)	kWh/a	179
Cold - The annual heating saved (AHS)	kWh/a	3355
The annual heating saved (AHS) Average	kWh/a	1715
The annual heating saved (AHS) Warm	kWh/a	776
Sound power level	dB(A)	54
Declared typology	-	RVU UVU

Dimensions

Ø D	Ø D1	L	L1
100	141	104	13



Accessories

Cooker Hoods

Name	Photo	Description
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[FO_100](#)

The window flange applicable for all VENTS fans except for VKO, VKO1, iFan, Quiet, MAO, CF