

# RO 100 TH



## Round axial extract fans

- Maximum airflow: 92
- Sound pressure level LpA at 3 m: 33
- Motor type: AC
- Casing material: Polypropylene/Thermoplastic elastomer
- Backdraft protection: Backdraft damper
- Humidity sensor
- Timer: Turn off timer

	Unit of measurement	RO 100 TH
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	0.09
Maximum airflow	m <sup>3</sup> /h	92
Sound pressure level LpA at 3 m	dB(A)	33
Weight	kg	0.6
Ambient air temperature min	°C	1
Ambient air temperature max	°C	45
Ingress protection rating	-	IP24



### Dimensions

$\varnothing D$	$\varnothing D1$	L	L1
100	172	121	88



## Accessories

### Flanges

Name	Photo	Description
<a href="#">FO 100</a>		The window flange applicable for all VENTS fans except for VKO, VKO1, iFan, Quiet, MAO, CF

## Ecodesign



Trademark	Vents					
Model	RO 100 TH					
Specific energy consumption (SEC) (kWh/(m <sup>2</sup> /a))	Cold		Average		Warm	
	-52.3	A+	-25.2	C	-9.7	F
Type of ventilation unit	Unidirectional					
Type of drive installed	Single speed					
Type of heat recovery system	None					
Maximum flow rate (m <sup>3</sup> /h)	92					
Electric power input (W)	14					
Reference flow rate (m <sup>3</sup> /s)	0.018					
Specific power input (SPI) (W/(m <sup>3</sup> /h))	0.152					
Control typology	Local demand control					
Maximum external leakage rates (%)	2.7					
Declared typology	RVU UVU					
Sound power level (dB(A))	53					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	124		124		124	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	5536		2830		1280	