



Bathroom extract fans DECOR Series

Serial DECOR

DECOR-100 C *230V 50* RE

Range of axial extractors with airflow rates of approx. 100 m³/h, for connection to 100 mm diameter circular ducting.

All the fans are manufactured from injection moulded plastic, fitted with neon light indicator and single phase 230V-50Hz, class B motor equipped with overload thermal protection. The "Z" versions incorporate long life motors fitted with ball bearings. All the fans are class II insulation, IP44 rated and suitable to operate with air temperature up to 40°C.



Technical data

Acoustic characteristics

No sound information available.

Hz	63	125	250	500	1k	2k	4k	8k	Overall
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Technical characteristics

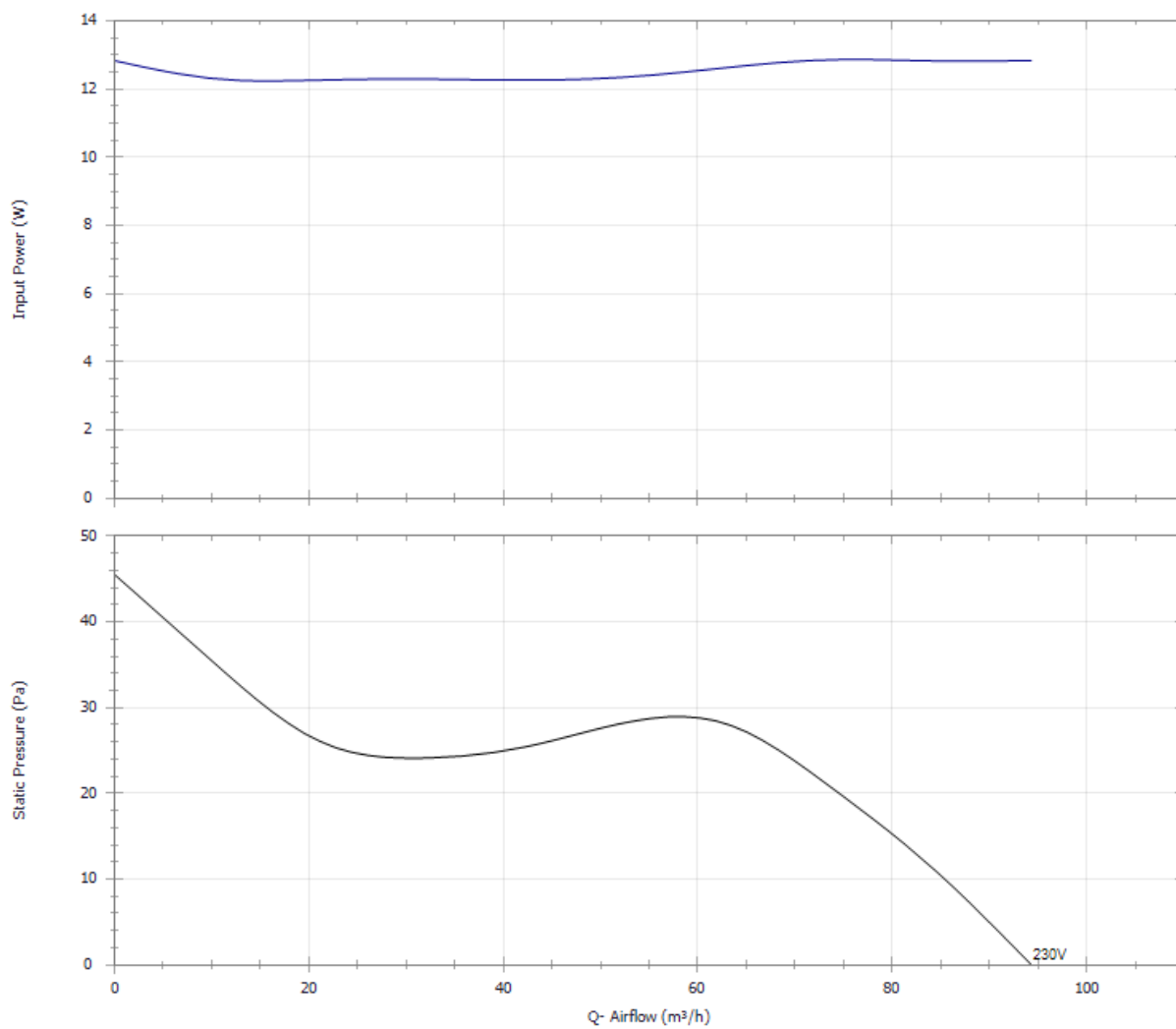
Construction

Discharge diameter	98 mm
Fan size	100
Weight	0,44 kg

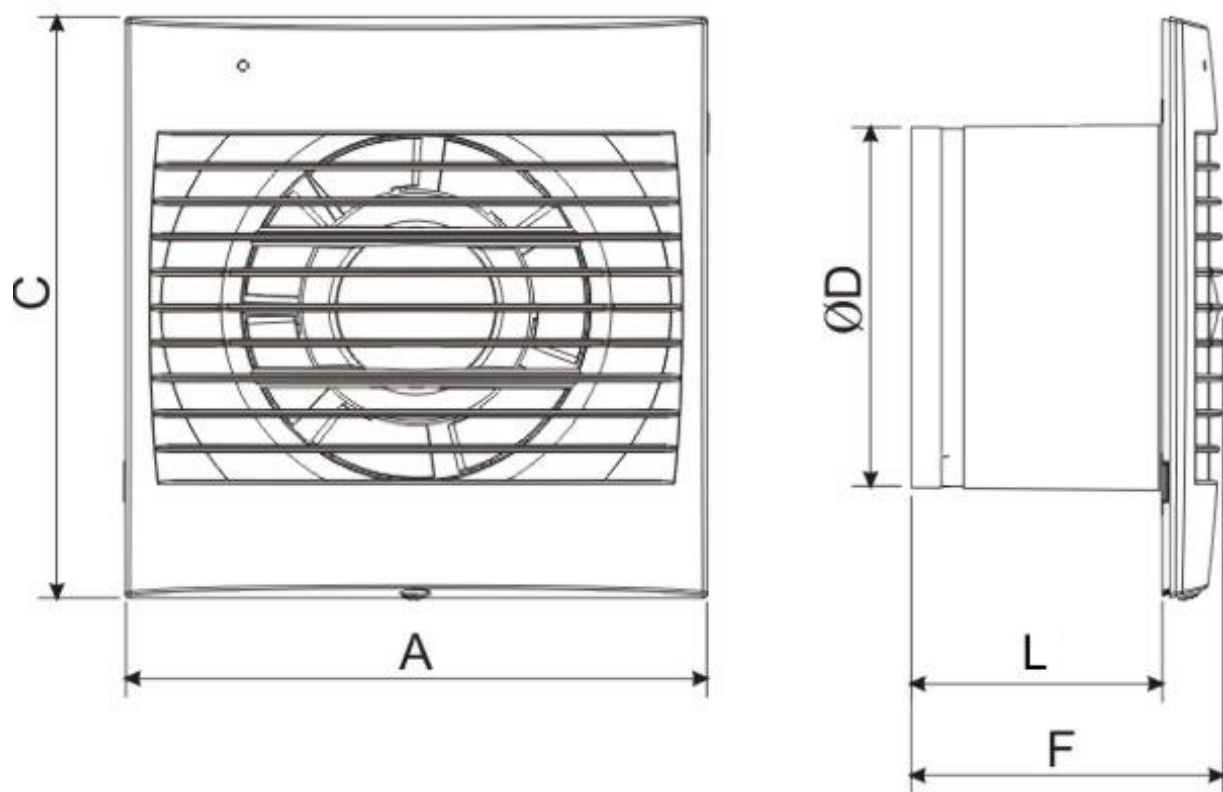
Motor Characteristics

Voltage	1-230V-50Hz
Maximum absorbed current	0,08 A
IP Rating	IPX4
Motor insulation class	B

Curves



Dimensions



A	C	D	L	F
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158	158	98	68	85
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Model Features

	C	CZ	CR	CRZ	CH	CHZ	CHZ VISUAL	CD	CDZ	12V C
NEON LIGHT INDICATOR	•	•	•	•	•	•	•	•	•	•
AUTOMATIC BACK DRAFT SHUTTER	•	•	•	•	•	•	•	•	•	•
ADJUSTABLE RUN-ON-TIMER			•	•	•	•	•	•	•	*
ADJUSTABLE HUMIDISTAT					•	•	•			
PIR DETECTOR								•	•	
BALL BEARINGS		•		•		•	•		•	

* Using a CT-12/14 R transformer.

ErP Information

Ecodesign	
Commission regulation (EU) N°1253/2014 of July 2014	
Information requirements (Annex V)	
ProductoComercial	DECOR-100 C *230V 50* RE
Identifier	5210001300
SEC average climate (kWh/(m2.an))	-7,19
SEC class	NA
SEC cold climate (kWh/(m2.an))	-21
SEC warm climate (kWh/(m2.an))	0
Typology	RVU unidirectional
Type of drive	1-speed
Type of HRC	None
Thermal efficiency (%)	0
Maximum flow rate (m3/h)	91
Electrical power input at maximum flow rate (W)	12,67
Sound power level (LWA)	55
Reference flow rate (m3/s)	0,0179
Reference pressure difference (Pa)	27,48
SPI (W/m3/h)	0,1968
Control factor	1
Control typology	Manual
Maximum internal leakage for BVU (%)	Not applicable
Maximum external leakage for BVU and UVU (%)	4,6
Mixing rate for BVU without duct connection (%)	Not applicable
Position of visual filter warning	Not applicable
description of visual filter warning	Not applicable
Instructions to install supply grilles	F&W Leaflet
Instructions to install exhaust grilles	F&W Leaflet
www.solerpalau.com	
Airflow sensitivity to pressure variation	0.231
Indoor/outdoor air tightness (m3/h)	31,6/3,6
Annual electricity consumption - Average climate	271,15
Annual electricity consumption - Warm climate	271,15
Annual electricity consumption - Cold climate	271,15
Annual heating saved - Average climate (kWh/a)	13,97

Annual heating saved - Warm climate (kWh/a)	6,32
Annual heating saved - Cold climate (kWh/a)	27,32