

CENTRIFUGAL FANS

ECOAIR DESIGN ECOWATT Series

NEW



Range of 100mm domestic centrifugal extract fans for **wall or ceiling installations**, designed for **constant volume continuously running operation** with wired boost option, in utility rooms and bathrooms.

Fitted with DC motors mounted on silent elastic blocks, the fans deliver incredibly silent running and exceptional performance with stylish features and ultra low power consumption significantly reducing energy costs.

The ECOAIR models incorporate a centrifugal forward curved impeller with single phase motor 230V-50Hz, IPX4, Class II.



**ENERGY
EFFICIENT**



**VENTILATION
SYSTEM**

**DC Brushless motor
Constant running operation
Constant airflow**



Different styles with the bars colours



SILENT 100

**LP_{3m}
35 dB(A)
max**

Low noise!

**Maximum consumption
7W!**

Energy efficient!

**Centrifugal
forward curved
impeller**



Centrifugal forward curved impeller, with an extremely low sound level

Silent-elastic-blocks



Motor mounted on "Silent-elastic-block" to prevent vibration and noise transmission

**Different styles
with the bars
colours**



Interchangeable bars colours let the fan blend in with every setting. 4 colours to match the decor of the room: blue, red, green and yellow

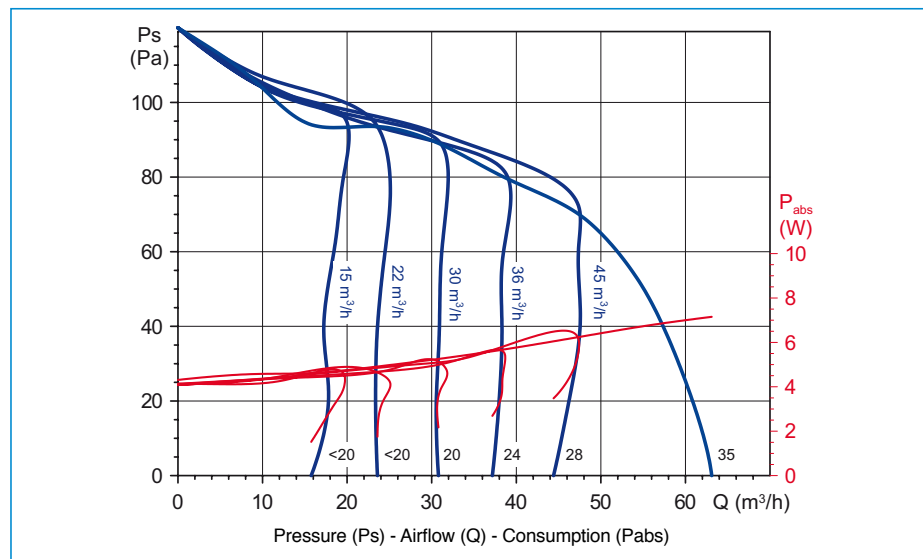
Technical characteristics

Model	Constant air volume		Absorbed power (W)		SFP* (W/m³)	Sound pressure level (dB(A))**		Weight (Kg)
	(m³/h)	l/s	min.	max.		min.	max.	
ECOAIR DESIGN ECOWATT	15	4	1,5	4,5	360	<20	23	0,57
	22	6	1,8	4,7	290	<20	25	
	30	9	2,2	5,1	260	20	28	
	36	10	2,7	5,5	270	24	30	
	45	13	3,5	6,0	310	28	33	
	Maximum air volume - by means of switch							
	65	18	4,3	7,2	410	35	35	

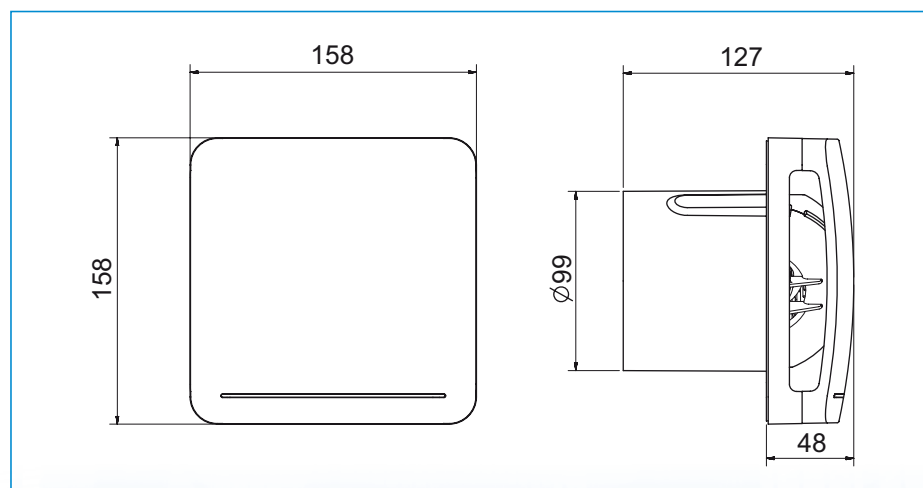
* Following SAP Q Standard (2,5 m lenght of 100 mm circular duct diameter, 2 90° bends and GR-100 grille at the discharge - max. 20 Pa)

** Measured at 3m, in free field condition. The maximum sound pressure level is given at 40Pa.

Performance curve



Dimensions (mm)



Models features

	S	T	H	M
DC motor	•	•	•	•
Constant airflow	•	•	•	•
Boost speed by adjustable humidistat	•	•		
Adjustable humidistat			•	•
Boost speed by pullcord switch				•
Adjustable run-on-timer on boost (between 1 and 30 minutes)		•	•	•

Accessories



GSA-100
Flexible aluminium ducting



GR-100
Plastic grille



GRA-70
Aluminium grille



PER-100W
Back draft shutter