



Range of 100 mm 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.

Trickle speed (constant airflow) setting within 15, 22, 30, 36, 45 or 54 m³/h with dip-switch on the PCB.

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, 90/260V-50/60Hz, significantly reducing energy costs.

They incorporate a removable and washable filter, mounted on the inlet side and made of plastic mesh.

4 models available

EcoAIR DESIGN S: This unit runs continuously on trickle setting and can be boosted by an external switch.

EcoAIR DESIGN T: Same operation than the S model, with an adjustable timer between 1 to 30 minutes.

EcoAIR DESIGN H: The boost operation is activated either by the internal humidistat or by an external switch both with timer.

EcoAIR DESIGN M: Same operation than H model but using the internal pullcord instead of the external switch.

EcoAIR DESIGN ECOWATT:
 230V-50/60Hz. IPX4 - Class II.

Low Voltage Bathroom Fan (SELV)

For extra safety, the EcoAIR is also available in a low voltage 17V version supplied with the 17VDC safety isolating power supply to install away from the spray zone and out of the reach of the person using the facility.

In addition to the standard EcoAIR 17V, which can be boosted by an external switch, the same three models are available as the 230V version: the EcoAIR 17V timer option, humidity sensor option with timer or pullcord with timer and humidity sensor.

KIT EcoAIR DESIGN 17VDC + CT-17/18 ECOWATT

EcoAIR DESIGN: 17VDC, IP57, class III.
 CT-17/18: 230V-50/60Hz, IPX4, class II.

			LOW NOISE
ENERGY EFFICIENT	DC MOTOR	CONSTANT VOLUME	CONSTANT RUNNING



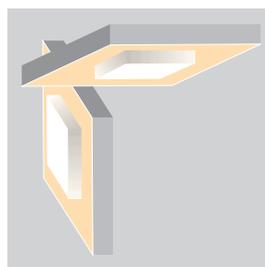
Centrifugal forward curved impeller

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.



Wall or ceiling installation.



Inlet side filter

Removable and washable filter, made of plastic mesh, to protect the fan from dirt.



Different styles with the bars colours.



Different styles with the colour bars

Interchangeable colour bars. 4 colours to match the decor of the room: blue, red, green and yellow.

TECHNICAL CHARACTERISTICS

Model	Constant airflow		Absorbed power (W)		SFP* (W/m ³ /s)	Sound pressure level (dB(A))**		Weight (kg)
	(m ³ /h)	l/s	Minimum	Maximum		min.	max.	
ECOAIR DESIGN ECOWATT	15	4	1,5	4,6	360	<20	<20	0,57
	22	6	1,8	4,7	290	<20	22	
	30	9	2,2	5,1	260	<20	25	
	36	10	2,7	5,5	270	21	27	
	45	13	3,5	6,0	310	25	30	
	54	15	4,3	6,8	360	30	32	
	Maximum airflow volume - by means of switch							
	65	18	4,3	7,2	410	32	32	

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

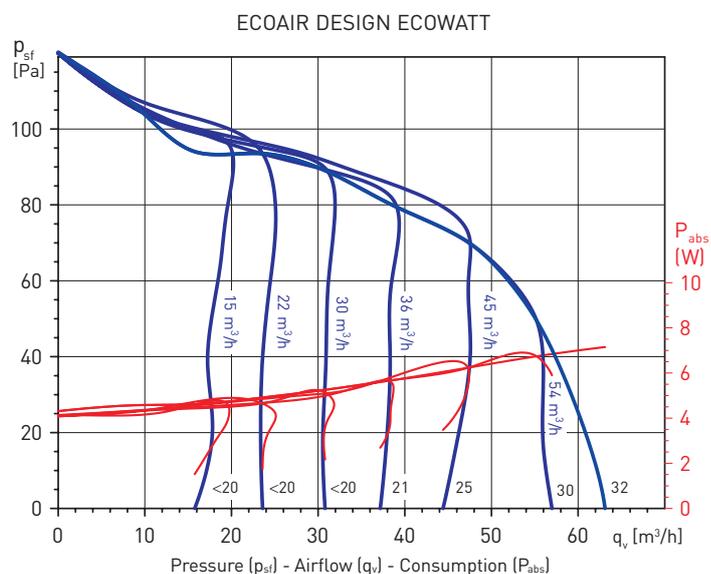
** Measured at 4m, in free field condition. The maximum sound pressure level is given at 40Pa.

MODEL FEATURES

	S	T	H	M
DC MOTOR	●	●	●	●
CONSTANT VOLUME	●	●	●	●
BOOST SPEED BY EXTERNAL SWITCH	●	●		
BOOST SPEED BY ADJUSTABLE HUMIDISTAT			●	●
BOOST SPEED BY INTEGRATED PULLCORD SWITCH				●
ADJUSTABLE RUN-ON-TIMER ON BOOST (BETWEEN 1 AND 30 MINUTES)		●	●	●
WIRING DIAGRAM*	1, 4, 5	4, 5	1, 4, 5	1, 4, 5

* See section of Wiring Diagrams.

PERFORMANCE CURVES



ACCESSORIES



GSA-100
Flexible aluminium ducting.



GR-100
Plastic grille.



GRA-75
Aluminium grille.

DIMENSIONS (mm)

