



The SILENT-100 range consists of 3 models with the following characteristics:

- SILENT-100 CZ: Basic model.
- SILENT-100 CRZ: Incorporates an adjustable timer, allowing the device to remain on for a predefined period (minutes) after the bathroom light has been turned off.
- SILENT-100 CHZ: In addition to an adjustable timer, the CHZ model also includes an adjustable humidistat which starts the fan when the humidity in the surrounding environment exceeds a pre-selected level.

Functions Chart

Models

Functions	CZ	CRZ	CHZ
Pilot light	X	X	X
Anti-return gate	X	X	X
Adjustable timer		X	X
Adjustable humidistat			X
Ball bearings	X	X	X

General Characteristics Chart

Type	Speed r.p.m.	Free discharge absorbed power (W)	Tension (V) 50 Hz	Free discharge flow m ³ /h	Noise pressure level (dB(A))	Weight (Kg)	IP
SILENT-100	2100	8	230	95	26,5	0,47	44

The noise level is measured 3m from the device.

Once again, our research teams have developed an innovative product which represents a qualitative advance in bathroom extract applications: vibration-free, noise-free and acting on the greatest possible airflow. Being a leader in ventilation and extraction allows us to be different. To open new horizons and future progress.



innovative solutions

Soler & Palau
<http://www.solerpalau.com>

“RELAX IN PEACE
AND QUIET”



Your customers will be able to enjoy a relaxing and peaceful bath after installing a new **SILENT-100** extractor fan. Install quiet tranquillity. Install quality of life.



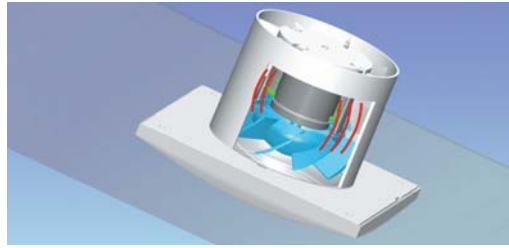
innovative solutions

INSTALL QUIET TRANQUILLITY

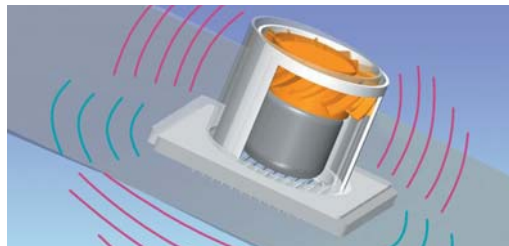
Comfort through cutting edge technology

The Silent 100 range of bathroom extractors are the result of extensive work carried out by the S&P Research and Development Department in a response to one of the market's main demands: to extract the maximum airflow with the lowest possible level of noise.

With the SILENT-100 range, S&P takes a step forward in innovative bathroom extractor fans providing an elegant design and new solution for greater user comfort. The design and development of this series continues to confirm Soler & Palau's position as a market leader.

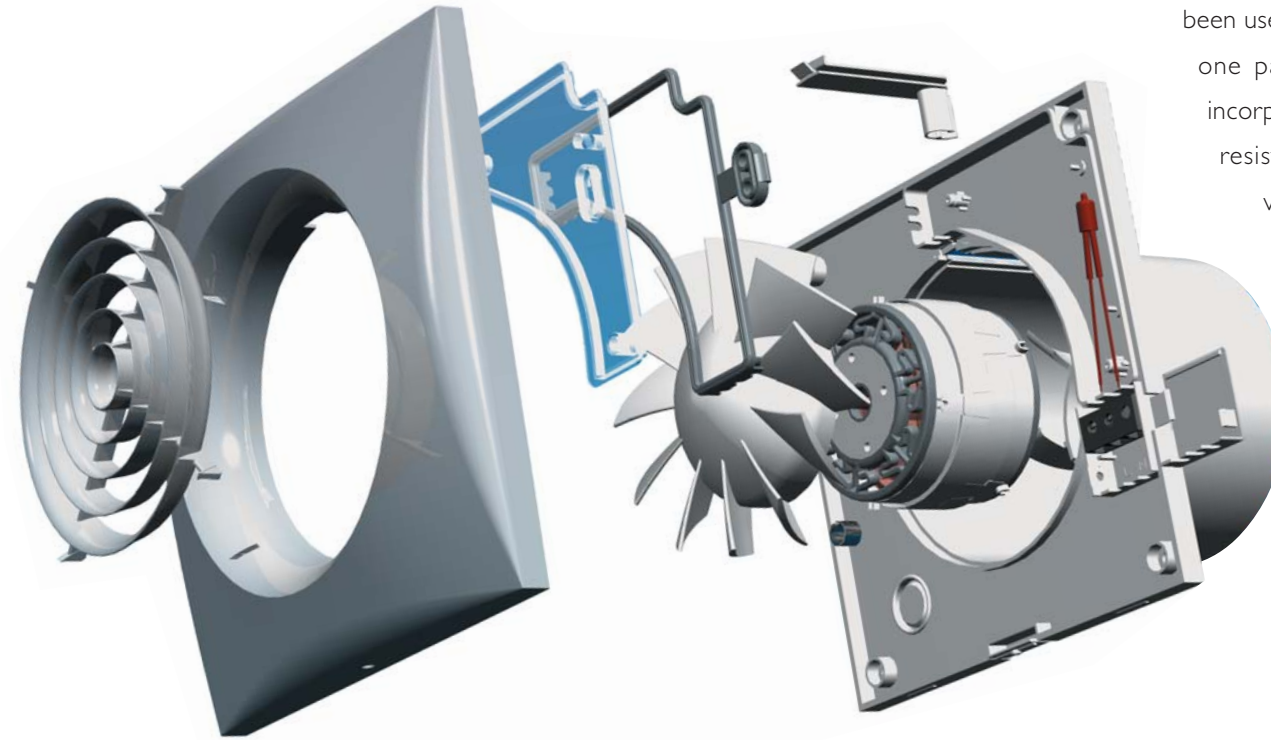


Silent-100 vibration free operation.



Traditional extractors transmit to the surrounding area.

This new concept of extractor fan, developed entirely by S&P, means that any vibration generated by the motor is absorbed in the extractor fan interior casing and are not transmitted to the surrounding area. This feature reduces both the extractor noise and the vibration noise transmitted to both ceilings and walls.



INSTALL QUALITY OF LIFE

Silence as quality of life

In order to achieve a notable noise level reduction, important work has been carried out on the aerodynamic design of the blade propellers and the grilles, inlets, guides and the output flange.

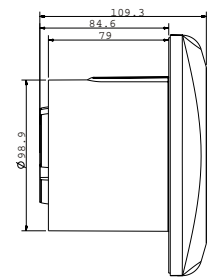
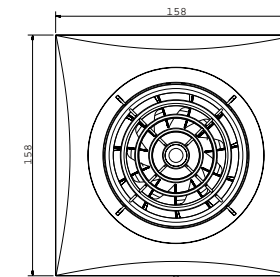
Everything in the SILENT-100 is designed to provide improved comfort. The development of this series has included processes which have never been used before in a bathroom extractor such as the one patented by S&P. Such features include the incorporation of bimaterial silent-blocks using highly resistant components which can absorb the vibrations generated by the motor.



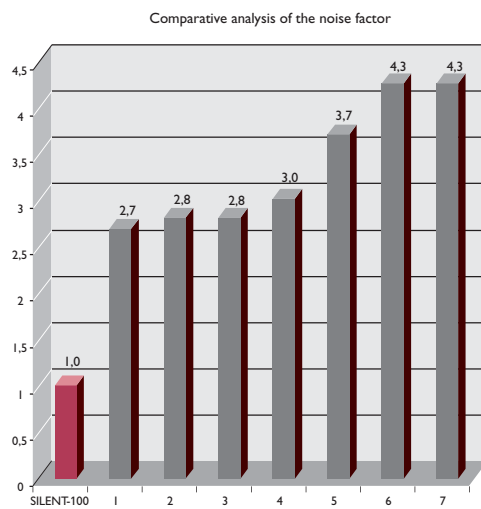
Silent-block patented by S&P

Just 8W

The high-performance of the SILENT-100 range of extractors is achieved with consumption of just 8 W, the best flow/consumption ratio available on the market, and another example of S&P's technological development being applied with respect for the environment.



S&P's laboratory (accredited by the ENAC certified accreditation body) has carried out tests on both the SILENT-100

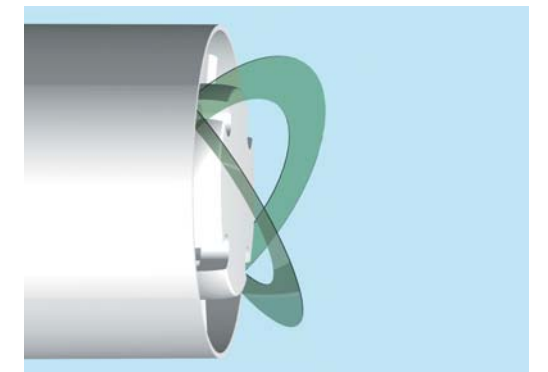
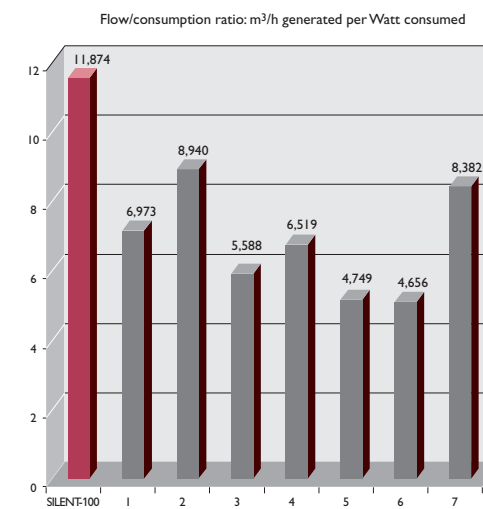


Noise level comparison. Taking the noise level of the SILENT-100 as base 1, and taking into account that the perceived noise level is believed to double for each 3 decibel increase.



range and seven other leading fan models, with the results shown below:

Flow/consumption relation. This is the ratio which results from dividing the m³/h generated by the Watts required in order to generate the said flow.



Anti-return gate

All the versions in the SILENT-100 range incorporate motors with ball bearings to ensure a long life with maximum functionality, as well as an anti-return gate to prevent air coming in from outside when the fan is idle.