SILENT Series

INSTALL SILENCE, INSTALL QUALITY OF LIFE

The Quietest Extractors in the World in their Category

Lp 26,5 dB
Axial flow fans for wall or ceiling installation, designed to solve ventilation problems in small rooms and bathrooms. The motors from the SILENT range are mounted on silent-elastic-blocks which absorb the vibrations. In this way not only is the noise from the extractor significantly reduced but so too is the noise from the surface which supports it. Additionally, the motors from the SILENT range are equipped with ball bearings which guarantee long life working (more than 30,000 working hours) at any shaft positions. The SILENT range consists of three different models: SILENT-100, SILENT-200 and SILENT-300, available with different integrated control options to accommodate all application requirements.

Installation examples

- Ceiling or wall mounted with discharge directly to the outside or through duct system.
- Extract fan can be mounted in a shunt ventilation system.
- Extract ventilation through double walls by means of an accessory (SILENT-100).
- All models are fitted with back draft shutter.
- All models includes ball bearings greased for life (up to 30,000 hours).
- Model fitted with an adjustable period Run-On-Timer keeping the fan in operation for the pre set period of time after the fan has been switched off.
- Model with an adjustable humidistat.
- Model provided with a passive infra-red detector operating up to 4 m from the fan.
BATHROOM EXTRACT FANS

SILENT-100 Series

Range of axial extractors with airflow rates of approx. 95 m³/h, for connection to 100 mm diameter circular ducting.

Motor mounted on silent-elastic-blocks which absorb the vibrations and allow offering very low noise level. All the fans are manufactured from injection moulded plastic, fitted with automatic shutter and single phase 230V-50Hz, class B low consumption motor equipped with thermal overload protection. All the fans are class II insulation, IP45 rated and suitable to operate with air temperature up to 40°C.

SILVER versions
The SILENT-100 CZ and CRZ can be supplied with an aesthetical silver front grille.

To prevent air entry and limit heat leakage when the extractor is not operating. It opens due to the pressure of the air.

Motor mounted on “Silent-elastic-block” to prevent vibration and noise transmission.

Quiet operation

SILENT-100
In usual extract fans the vibrations are transmitted to the surrounding areas while in SILENT extractor fans the vibrations are absorbed by the Silent Blocks.

Usual extractor
Models features

<table>
<thead>
<tr>
<th>Feature</th>
<th>CZ</th>
<th>CRZ</th>
<th>CRIZ</th>
<th>CHZ</th>
<th>CHZ VISUAL</th>
<th>CDZ</th>
<th>CZ 12V</th>
<th>CZ SILVER</th>
<th>CRZ SILVER</th>
<th>CHZ SILVER</th>
<th>CZ SILVER 12V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pilot light</td>
<td>●</td>
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<td>Backdraft shutter</td>
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<tr>
<td>Adjustable Run-On-Timer (1-30 min)</td>
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<td>Automatic timer</td>
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<tr>
<td>Adjustable humidistat</td>
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<td>Detector movement</td>
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<td>Ball bearings</td>
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<td>Silver colour</td>
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</table>

* Using CT-12/14R transformer

Technical characteristics

<table>
<thead>
<tr>
<th>Model</th>
<th>Speed (r.p.m.)</th>
<th>Abs. power at free discharge (W)</th>
<th>Voltage (V)</th>
<th>Sound pressure level* (dB(A))</th>
<th>Airflow at free discharge (m³/h)</th>
<th>Insulation/ IP</th>
<th>Ø duct (mm)</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SILENT-100</td>
<td>2400</td>
<td>8</td>
<td>230</td>
<td>28,5</td>
<td>95</td>
<td>II / IP45</td>
<td>100</td>
<td>0,57</td>
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<tr>
<td>SILENT-100 12V</td>
<td>2320</td>
<td>13</td>
<td>12</td>
<td>28,5</td>
<td>95</td>
<td>Θ / IP57</td>
<td>100</td>
<td>0,57</td>
</tr>
</tbody>
</table>

* Sound pressure level measured at 3 m at free air conditions.

Performance curve

Dimensions (mm)

Accessories

- **GSA-100**
  Flexible aluminium ducting

- **GRA-70**
  Aluminium exterior grille

- **WALL KIT**
  Fixed shutter and telescopic duct (200 to 420 m)

- **CX-80/125**
  Worm drive ducting clip

- **PER-100W**
  Back draft shutter

- **WINDOW KIT**
SILENT-100 models with special functions

SILENT-100 CZ 12V
White color version

SILENT-100 CZ SILVER 12V
Version with a silver color front grille

KIT SILENT-100 CZ 12V + CT
Kit integrated by an extractor SILENT-100 CZ 12V and a safety isolating transformer CT-12/14.

SILENT-100 CDZ
Models provided with an electronic humidistat which can be adjusted to 60, 70, 80 or 90% HR using a key situated on the front grille. Four luminous indicators show the desired level of humidity. The extractor operates automatically when the humidity level in the room is higher than the set level. The extractor will stop automatically when the humidity drops below the selected level and after the selected period set on the adjustable timer (1 and 30 minutes).

Model SELV (Safety Extra Low Voltage). Specially designed to operate within the shower or bath volume with total safety. They are rated 12V, Class III and IP57.

SILENT-100 12V must be wired to a safety isolating transformer CT-12/14 which must be located out of the reach of the water spray or person using a bath or shower. The transformer is IP21, class II insulation and protected by fuse. Also available, Transformer CT12/14 R, supplied with adjustable run-on-timer between 1 to 30 minutes.

SILENT-100 CDZ
Models provided with an electronic humidistat which can be adjusted to 60, 70, 80 or 90% HR using a key situated on the front grille. Four luminous indicators show the desired level of humidity. The extractor operates automatically when the humidity level in the room is higher than the set level. The extractor will stop automatically when the humidity drops below the selected level and after the selected period set on the adjustable timer (1 and 30 minutes).

SILENT-100 CHZ VISUAL
BATHROOM EXTRACT FANS
SILENT-100 ECOWATT Series

Range of axial extractors with airflow rates of approx. 95 m³/h, high-performance, low-consumption Brushless motors, for connection to 100 mm diameter circular ducting. Motor mounted on silent-elastic-blocks which absorb the vibrations and allow offering very low noise level. All the fans are manufactured from injection moulded plastic, fitted with automatic shutter and single phase 230V-50/60Hz, low consumption motor equipped with thermal overload protection. All the fans are class II insulation, IP45 rated and suitable to operate with air temperature up to 40°C. With consumption of only 5W, the SILENT ECOWATT series extractors are especially recommended toilets, bathrooms and installations where the extractor will require long working hours resulting in a considerable reduction in energy costs.

Back draft shutter
To prevent air entry and limit heat leakage when the extractor is not operating. It opens due to the pressure of the air.

Silent-blocks
Motor mounted on “Silent-elastic-block” to prevent vibration and noise transmission.

Low noise!
LP 26,5 dB

Energy efficient!
5W!

Water protected!
IP45

Quiet operation

SILENT-100 ECOWATT
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Models features

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<td>DC motor</td>
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<td>Pilot light</td>
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<td>Adjustable Run-On-Timer</td>
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<th>Voltage (V) 50 Hz</th>
<th>Sound pressure level* (dB(A))</th>
<th>Airflow at free discharge (m³/h)</th>
<th>Insulation/ IP Ø duct (mm)</th>
<th>Weight (Kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SILENT-100 ECOWATT</td>
<td>2100</td>
<td>5</td>
<td>230</td>
<td>26.5</td>
<td>95</td>
<td>II / IP45</td>
<td>100</td>
</tr>
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* Sound pressure level measured at 3 m at free air conditions.

Dimensions (mm)

Performance curve

Accessories

- **GSA-100**: Flexible aluminium ducting
- **GRA-70**: Aluminium exterior grille
- **CX-80/125**: Worm drive ducting clip
- **PER-100W**: Back draft shutter
- **Fixed shutter and telescopic duct (200 to 420 m)**
- **WINDOW KIT**