DESCRIPTION
The Silent Design Series exhaust fans bring style and elegance to any contemporary bathroom, ensuite and toilet. They can be wall or ceiling mounted and feature an advanced vibration absorbing design that ensures quiet operation. Sizes to fit 100, 125 and 150mm duct are available and models with a run-on-timer and humidistat are included in the range.

Typical Applications
Exhaust from toilets, ensuites, bathrooms, washrooms and laundries.

Features
- Quiet operation due to its noise and vibration absorbing design
- Ideal for modern homes and commercial application
- Suitable for wall and ceiling installations
- To complement room fixtures all models are available in white and silver finish - other colours also available.*
- Comes with 4 interchangeable colour bars to match room décor.
- Backdraft damper is standard on all models
- All models can be used to exhaust along a short length of duct. It is essential allowances be made for pressure losses in the duct to ensure air flows will meet the requirements of the application
- Class B motor, IP45 rated
- 'CZ' Range - Includes backdraft damper
- 'CRZ' Range - Includes backdraft damper and 1-30 minute adjustable run-on timer
- 'CHZ' Range - Includes backdraft damper, 1-30 minute adjustable run-on timer and adjustable humidistat
- Available in spigot diameter sizes to suit 100, 125 and 150mm duct.
* 12 week lead time applies

Construction
Manufactured from injection moulded plastic. All units have weather and impact resistant housings.

Motors
Type - shaded-pole induction motor
Electricity supply - single-phase 230V, 50Hz.
Bearings - Ball.
Maximum ambient temperature - 40°C
Class II insulation, IP45 rated

Internal Thermal Protection
All 100 models - impedance
All 200 and 300 models - fuse

Testing
Air flow to ISO5801: 1997
Noise to ISO13347-3

Wiring Diagram
See page N-8 diagram ER6

ANCILLARY EQUIPMENT

HOW TO ORDER
SILDES - Silent Design Fan
Nom. flow rate m³/hr
CZ - backdraft damper
CRZ - backdraft damper & adjustable run-on timer
CHZ - backdraft damper, adjustable run-on timer & adjustable humidistat
3C - 4 interchangeable colour bars
W - White finish
S - Silver finish

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nom. flow rate m³/hr</th>
<th>Backdraft Damper</th>
<th>Run-on timer</th>
<th>Humidistat</th>
<th>Finish colour</th>
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</thead>
<tbody>
<tr>
<td>SILDES..CZ3C-W</td>
<td>100, 200, 300</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>White</td>
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<tr>
<td>SILDES..CZ3C-S</td>
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<td>No</td>
<td>Silver</td>
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<td>SILDES..CRZ3C-W</td>
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<td>White</td>
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<td>SILDES..CRZ3C-S</td>
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<tr>
<td>SILDES..CHZ3C-S</td>
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<td>Yes</td>
<td>Silver</td>
</tr>
</tbody>
</table>

* Not suitable for models with run-on timer

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SUGGESTED SPECIFICATION
The wall/ceiling fans shall be of the Silent Design Series as supplied by Fantech Pty Ltd and be of the model numbers shown on the schedule/drawings. The Class B motor shall be IP45 rated, include Class II insulation and be mounted on a Silent-elastic-block. It shall be manufactured from injection moulded plastic and come with 4 interchangeable colour bars. It shall be fitted with a backdraft damper and include internal thermal protection. All models shall be fully tested to ISO5801 for air flow and ISO13347-3 for noise.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Fan Speed rev/sec</th>
<th>Free Air m³/sec @ 3m</th>
<th>Avg. dB(A) @ 3m</th>
<th>Watts</th>
<th>Amps</th>
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<tr>
<td>100..</td>
<td>35</td>
<td>0.023</td>
<td>27</td>
<td>8</td>
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<td>41</td>
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<td>16</td>
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<td>36</td>
<td>0.083</td>
<td>42</td>
<td>22</td>
<td>0.09</td>
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DIMENSIONS

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Dimensions, mm</th>
<th>Approx. wt. kg</th>
<th>Approx. vol. m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>100..</td>
<td>188 130 99 85 79 45</td>
<td>0.65</td>
<td>0.006</td>
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<tr>
<td>200..</td>
<td>210 145 116 89 60 56</td>
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<td>300..</td>
<td>247 179 146 112 95 67</td>
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<td>0.014</td>
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