Ceiling-Mounted Ducted Exhaust Fan

Exhaust Fans
CEF30/40 Series
**The CEF40**

- Easy installation
- High-performance centrifugal fan
- Quiet operation
- Easy-to-clean inlet grille
- Side-entry duct connection (150mm duct)
- Backdraught shutters for energy efficiency compliance with Building Code of Australia

The Clipsal CEF40 Exhaust Fan sets a new benchmark for ducted exhaust fans. Designed to offer class-leading performance, it's also the easiest to install ducted fan on the market today. The CEF Series has a flexible design that allows it to be mounted in a variety of applications.

**Modern Design**

The square inlet grille has a contemporary design that's easy to align with side walls. The inlet grille is mounted to a round fan, so it can be rotated to ensure it aligns with the walls of the room. Rotating the inlet grille won't scratch the ceiling or damage the paint.

**High Performance**

The exceptional airflow performance of the centrifugal fan, ensures rapid removal of steam and odours, while remaining whisper-quiet.

**Simple Duct Connection CEF40WK**

The ducting is pre-taped at the factory, allowing the installer to quickly and easily clip the duct to the fan. The duct also locks into position, ensuring it doesn't disconnect. Removal for maintenance is achieved simply by releasing connection clip.

**Attention to Detail**

The attractive aesthetics of the inlet grille, with large easy-to-clean surfaces, is designed to minimise dust build-up and reduce the need for cleaning. However, if cleaning is required, the inlet grille features a positive clip design, which makes it easy to remove and push back on.

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**The CEF30**

- Centrifugal fan for quiet operation
- Suitable for ducting (100mm)
- Backdraught shutters for energy efficiency compliance with Building Code of Australia
- Easy-fit grille
- White and Stainless Steel finish options
- Subtle, modern styling
- Suitable for new build and retrofit projects

Suitable for most small- to medium-size rooms, the CEF30 Exhaust Fan will provide adequate ventilation to remove steam and odours. Available in four different styles, these exhaust fans are specifically designed to be unobtrusive and easy to install.

**Energy Efficient**

The inclusion of a backdraught shutter ensures compliance with the energy efficiency requirements of the national Building Code of Australia (BCA), plus various local and state-based regulatory bodies.

Driving energy efficiency, these products can be used to help achieve five- to six-star energy-rated homes and assist to reduce electricity bills.

Ceiling exhaust fans with backdraught shutters prevent warm or conditioned air escaping the room into the roof cavity, when the exhaust fan is not in use. This helps to maintain the room temperature and reduce energy costs to replace the conditioned air.

**Easy Installation**

Designed with a fully insulated body and a moulded grille in White or Stainless Steel, with UV resistant trim, these units will complement any home. Easy to install and duct-ready, the fans allow for attachment of 100mm ducting. This design makes them ideal for applications where the room needs to be ventilated outside the building.

The fan can be installed into the ceiling from within the room (no need to enter the ceiling space). This ensures easy installation and maintenance.

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**Ducting**

- **CEF40-WE**
  - Ceiling-mounted exhaust fan. Accommodates flexible ducting and outlet.

- **CEF40WK,WE**
  - Complete ducted exhaust fan kit: exhaust fan, 3M flexible duct, wall/eaves outlet and duct tape.

- **CEFOULETWAL,WE**
  - Wall/eaves 150mm outlet with gravity shutters, fixed louvre and insect screen.

- **CEF30-WE**
  - Exhaust fan with square inset grille; White.

- **CEF30-SS**
  - Exhaust fan with square inset grille; Stainless Steel.

- **CEF30R-WE**
  - Exhaust fan with round inset grille; White.

- **CEF30R-SS**
  - Exhaust fan with round inset grille; Stainless Steel.
### Technical Specifications

<table>
<thead>
<tr>
<th>Specifications</th>
<th>CEF40 Fan Only</th>
<th>CEF40WK</th>
<th>CEF30</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Voltage</strong></td>
<td>240V – 50Hz T</td>
<td>240V – 50Hz T</td>
<td></td>
</tr>
<tr>
<td><strong>Current</strong></td>
<td>0.15A</td>
<td>0.13A</td>
<td></td>
</tr>
<tr>
<td><strong>Power</strong></td>
<td>35W</td>
<td>30W</td>
<td></td>
</tr>
<tr>
<td><strong>Airflow Performance</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No Ducting</td>
<td>290m³/hr</td>
<td>265m³/hr</td>
<td>200m³/hr ducted - 175m³/hr</td>
</tr>
<tr>
<td>With 3M Ducting and 90º Bend</td>
<td>81 l/second</td>
<td>74 l/second</td>
<td>56 l/second</td>
</tr>
<tr>
<td></td>
<td>493 cfm</td>
<td>450 cfm</td>
<td>340 cfm</td>
</tr>
<tr>
<td><strong>Decibel Rating at 3m</strong></td>
<td>44dBA</td>
<td>46dBA</td>
<td></td>
</tr>
<tr>
<td><strong>IP Rating</strong></td>
<td>IPX4</td>
<td>IPX4</td>
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<tr>
<td><strong>Approvals</strong></td>
<td>AS/NZS60335.2.80</td>
<td>AS/NZS60335.2.80</td>
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<tr>
<td><strong>Fan Weight</strong></td>
<td>4.5kg</td>
<td></td>
<td></td>
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<tr>
<td><strong>Duct Diameter</strong></td>
<td>150mm</td>
<td>100mm²</td>
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### Physical Features

<table>
<thead>
<tr>
<th>Feature</th>
<th>CEF40 Fan Only</th>
<th>CEF40WK</th>
<th>CEF30</th>
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</thead>
<tbody>
<tr>
<td><strong>Hole Cut-Out Size</strong></td>
<td>287mm diameter</td>
<td>245mm square</td>
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<tr>
<td><strong>Inlet Grille</strong></td>
<td>354mm x 354mm x 32mm</td>
<td>290mm x 290mm x 22mm</td>
<td></td>
</tr>
<tr>
<td><strong>Grille Protrusion into Room</strong></td>
<td>32mm</td>
<td>22mm</td>
<td></td>
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<tr>
<td><strong>Protrusion into Ceiling</strong></td>
<td>212mm (with 10mm thick ceiling material)</td>
<td>170mm</td>
<td></td>
</tr>
<tr>
<td><strong>Overall Fan Height</strong></td>
<td>222mm</td>
<td>200mm</td>
<td></td>
</tr>
<tr>
<td><strong>Flexible and Plug Length</strong></td>
<td>850mm (maximum length allowed by Australian Standards)</td>
<td>850mm (maximum length allowed by Australian Standards)</td>
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<tr>
<td><strong>Warranty</strong></td>
<td>3 years</td>
<td>2 years</td>
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### Dimensions

#### CEF40 Series

- 850mm cord length
- 354mm
- 287mm diameter

#### CEF30 Series

- 850mm cord length
- 290mm
- 245mm square

For more information about the Clipsal CEF Series Exhaust Fans, contact your local Clipsal and Schneider Electric Partner Business Representative, electrical wholesaler or visit clipsal.com

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