DESCRIPTION
The Ezifit Roof Series, with bushfire code compliance, has been developed and tested for exhaust air applications in bushfire prone regions. They are driven by a high performance centrifugal fan and have a low profile design. They can exhaust from a number of points within the building and are available in 150 and 200mm fan sizes.

Typical Applications
Exhausts from kitchens, laundries, bathrooms, ensuites, toilets and rangehoods in homes and small commercial premises in bushfire prone areas.

Features
- Robust, galvanised steel construction.
- Speed-controllable with electronic controller.
- High performance, low noise backward-curved centrifugal impellers.
- High quality bronze mesh provides ember protection.
- Comes with convenient 3-pin plug and lead.
- Designed for downflow discharge.
- Can be mounted at angles up to 30°.
- Powder coated finish is an optional extra.
- Compliant to AS3959:2009 up to and including BAL-40.

Construction
COWLS are of galvanised steel
Ember protection - bronze mesh with max. 2mm aperture
Backward-curved centrifugal impellers
3-pin plug and lead included

Motors
Type - external rotor, squirrel cage induction motors
Electricity supply - 230V, single-phase, 50/60Hz
Bearings - sealed-for-life, ball
Can be speed controlled
See pages O-2/3 for details on these motors

Internal Thermal Protection
ECE152-BFC & ECE154-BFC - Manual-reset type
ECE204-BFC - Auto-reset type

Testing
Air flow to ISO5801:2007
Based on noise tests to BS848:Part 2, 1985

SUGGESTED SPECIFICATION
The roof ventilators shall be of the Ezifit Roof Series with bushfire code compliance as designed and manufactured by Fantech Pty Ltd.

The backward curved centrifugal fans shall be direct-driven by continuous rated, speed-controllable external rotor motors with thermal protection.

They shall be constructed from galvanised steel, be of downflow discharge design and include a 3-pin plug and lead.

Ember protection mesh shall be bronze or steel with openings a maximum of 2mm.

All data shall be based on tests on a complete assembled unit according to ISO5801:2007 for air flow and BS848:Part 2, 1985 for noise.

DIMENSIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>Dimensions, mm</th>
<th>App. wt. kg</th>
<th>App. vol. m²</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE152-BFC</td>
<td>200 250 55 256 286</td>
<td>5</td>
<td>0.025</td>
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<tr>
<td>ECE154-BFC</td>
<td>350 410 55 315 445</td>
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HOW TO ORDER

Ezifit Thru Roof
Fan diameter in cm
Fan speed, no. of poles
Bushfire Code Compliant
# EZIFIT ROOF SERIES - BUSHFIRE CODE COMPLIANT

## TECHNICAL DATA

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Fan Speed rev/sec</th>
<th>Avg dB(A) @ 3m</th>
<th>ECE.. 1 ph. Watts</th>
<th>Approx weight kg</th>
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</thead>
<tbody>
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<td>ECE...-BFC</td>
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<tr>
<td>152</td>
<td>41</td>
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