EZIFIT ROOF SERIES - BUSHFIRE CODE COMPLIANT

BUSHFIRE Code Compliant

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.

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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

Special note

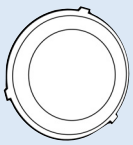
Construction of buildings in bushfire prone areas

AS3959:2009, clause 6.6.5(b) "Roof penetrations" states: Openings in vented roof lights, roof ventilators or vent pipes shall be fitted with ember guards made from a mesh or perforated sheet with a maximum aperture of 2mm, made of corrosion-resistant steel, bronze or aluminium.

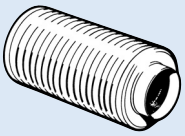
ANCILLARY EQUIPMENT

VA - Speed controller
Ref. *M-5*

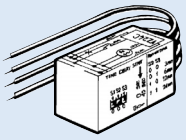
Backdraft dampers
Ref. *J-3*



Ceiling Grilles
Ref. *L-12/14*



CC - Circular attenuator
Ref. *H-16*



VZ - Run-on Timer
Ref. *M-14*

SUGGESTED SPECIFICATION

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

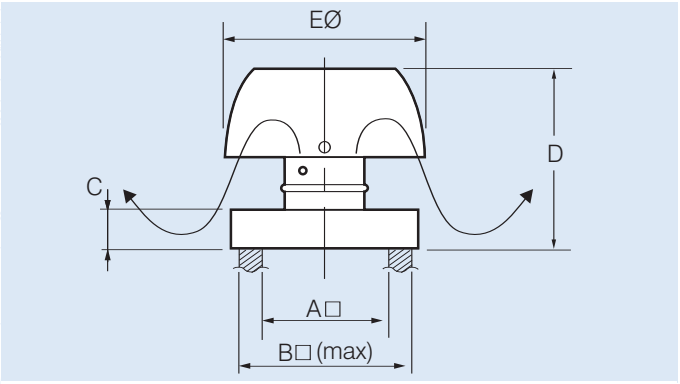
The backward-curved centrifugal fans shall be direct-driven by continuous rated, speed-controllable external rotor motors with thermal protection.

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.

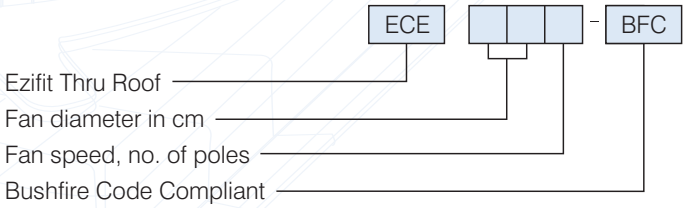
All data shall be based on tests on a complete assembled unit according to ISO5801:2007 for air flow and BS848:Part 2, 1985 for noise.

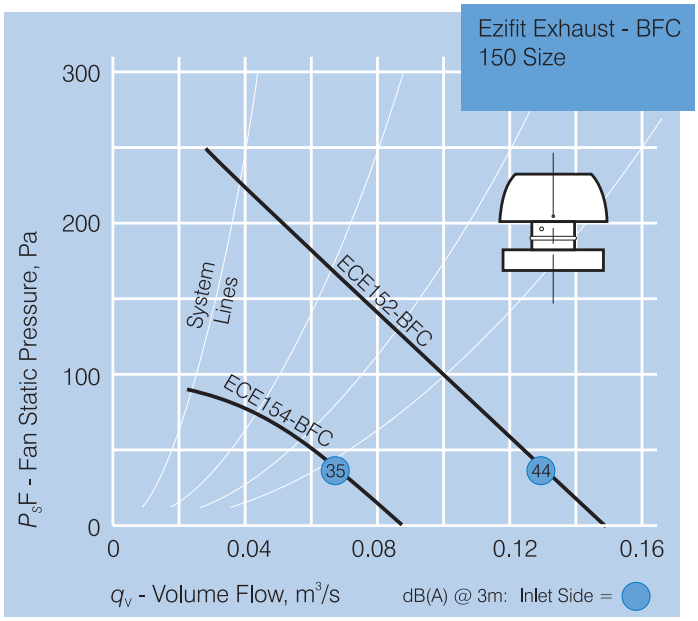
DIMENSIONS

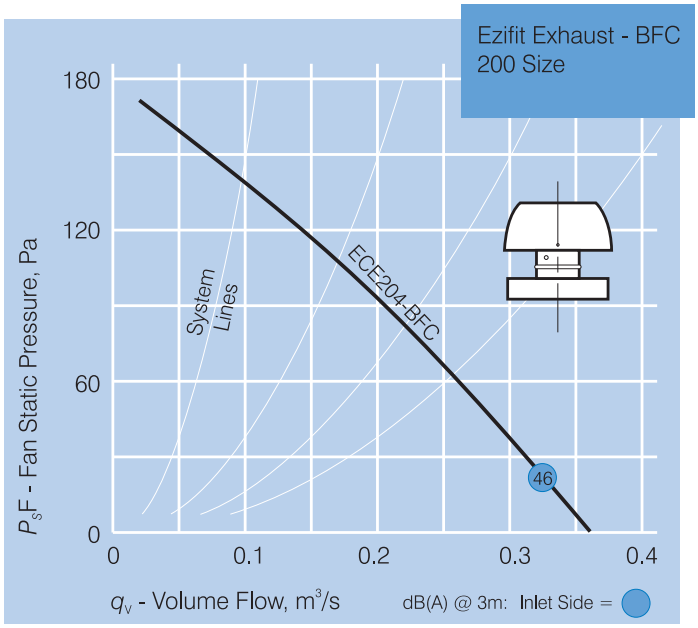


Model	Dimensions, mm A□	B□	C	D	EØ	App. wt. kg	App. vol. m³
ECE152-BFC ECE154-BFC	200	250	55	256	286	5	0.025
ECE204-BFC	350	410	55	315	445	10	0.12

HOW TO ORDER







TECHNICAL DATA

Model Number ECE...-BFC	Fan Speed rev/sec	Avg dB(A) @ 3m	ECE.. 1 ph. Watts	ECE.. 1 ph. Amps	Approx weight kg
152	41	44	70	0.30	4
154	23	35	30	0.16	4
204	23	46	90	0.40	10.5

Scan the QR Code to view more information online.