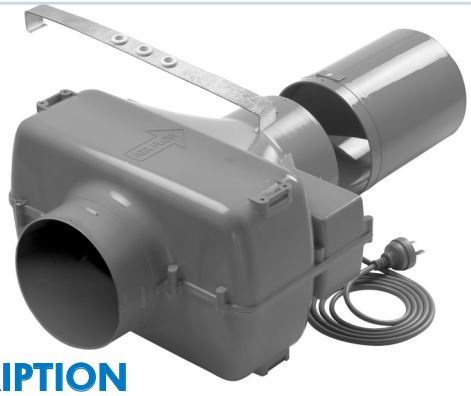


## DESCRIPTION

The JetStream Fan® Series features a slim-line, duct mounted centrifugal fan that can fit into areas where space is limited. When combined with the unique Smooth Flow Backdraft Damper, with its ultra-low pressure loss, air flow is maximised while noise generation is minimal. There are five models in the range.

### Typical Applications

Exhausts from bathrooms, ensuites, toilets, laundries, kitchen hoods, and clothes dryer venting.

### Features

- The JetStream Fan® is available in the following models:

| | |
|---|---|
| JCE152-1 | 150mm single-speed fan. |
| JCE152-1SJK | 150mm single-speed fan with smooth flow backdraft damper. |
| JCE152-3 | 150mm 3-speed fan with integrated switch. |
| JCE152-3SJK | 150mm 3-speed fan with integrated switch and smooth flow backdraft damper. |
| JCE202-3 | 200mm 3-speed fan with integrated switch. |

- High performance Slim-line design to optimise air flow and pressure performance and to enable mounting in restricted spaces.
- Snap-Fit Mounting Bracket absorbs vibration and is simple to install.
- 3-pin plug and lead is a standard fitting.
- Low pressure loss Smooth Flow Backdraft Damper can be supplied as an optional extra.
- Can be mounted in any position.

### Construction

Housing is of a robust, injection moulded engineering plastic.

Fans are backward-curved centrifugal mounted on an external rotor motor.

### Motors

Type - external rotor, squirrel cage induction motor.

Electrical supply - 230V, single-phase, 50Hz.

Bearings - sealed for life, ball.

Maximum ambient - 50 °C.

Motor protection - IP44.

Models JCE152-1 and JCE152-1SJK are speed-controllable using electronic controller.

See pages *O-2/3* for details on these motors.

### Internal Thermal Protection

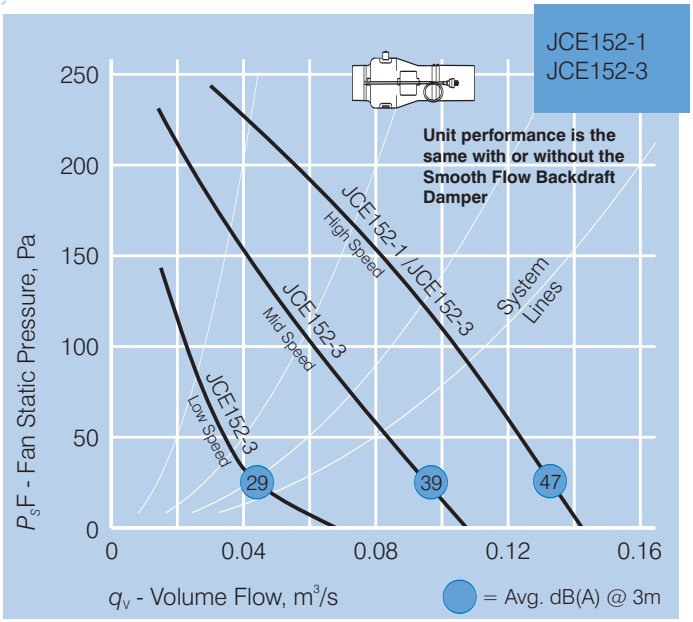
Manual reset thermal overloads comply with the mandatory requirements of AS/NZS60335.2.80:2004 for in-duct fans.

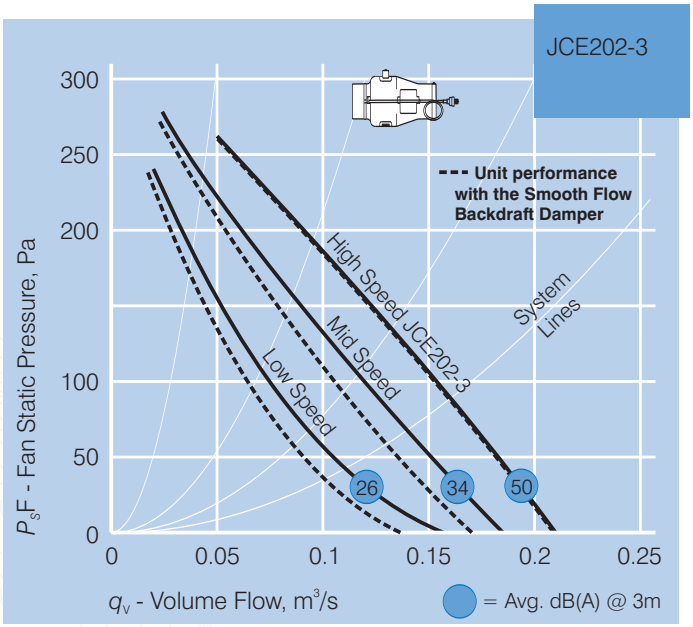
### Testing

Air flow tests to AS ISO5801:1997

Noise tests to BS848:Part 2, 1985

Meets requirement of AS/NZS 60335.2.80:2004



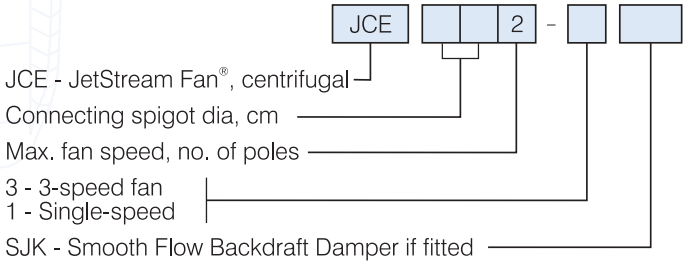

## SUGGESTED SPECIFICATION

In-line fans shall be of the JetStream Fan® type as designed and manufactured by Fantech Pty Ltd.

All models shall be fully tested to ISO5801:1997 for air flow and to BS848:Part 2, 1985 for noise.

All models shall meet the mandatory requirements of AS/NZS60335 Parts 1 & 2-80 for safety as well as AS/NZS 60335.2.80:2004 for manual-reset thermal overload protection.

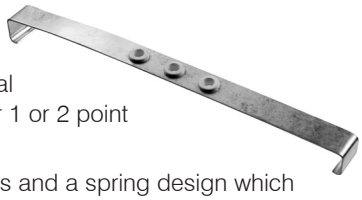
## HOW TO ORDER



## SPECIAL FEATURES

### Snap-Fit Mounting Bracket

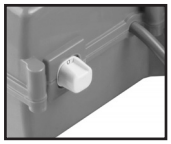
The Snap-Fit Mounting Bracket can be installed on-site beforehand and the fan simply clips into position at final fit-out. 3 holes are provided for 1 or 2 point mounting.



The bracket includes grommets and a spring design which provides vibration isolation for the fan - no other means of vibration isolation is necessary.

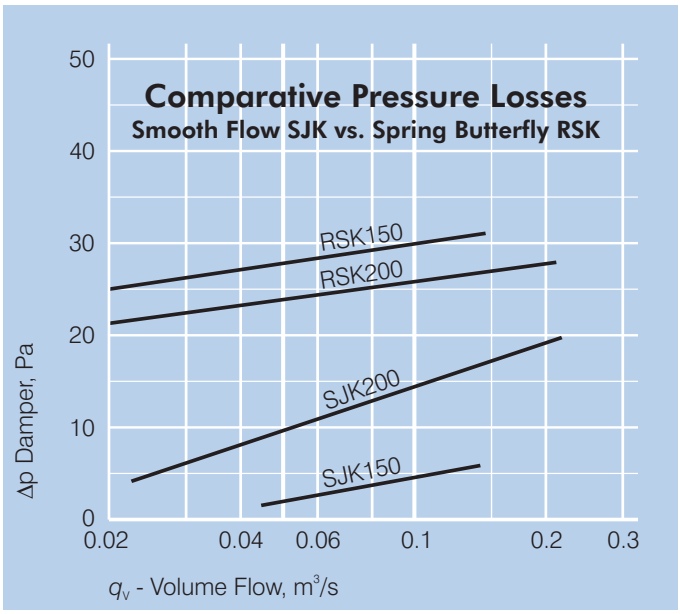
### 3-Speed Switch

The integrated 3-speed switch (on JCE152-3 and JCE202-3 models) is ideal for air flow adjustment when commissioning.

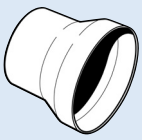
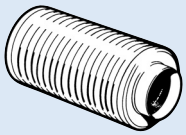
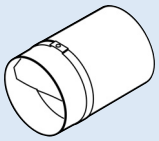
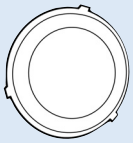
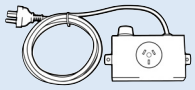


### Smooth Flow Backdraft Damper

The SJK, Smooth Flow Backdraft Damper, is a patented design with outstanding performance characteristics. These characteristics result in a 50% higher air flow for the 152 model and 15% for the 202 model when compared to using spring loaded dampers.




## ANCILLARY EQUIPMENT

| | | |
|---|---|---|
|  DA - 150Ø duct adaptor (to suit Ø100mm DWV pipe) |  CC - Circular attenuator Ref. *H-16* |  SJK - Backdraft Damper Ref. *J-3* |
|  RSK - Backdraft Dampers Ref. *J-3* |  FC - Fast clamp Ref. *J-5* |  Ducting, Louvres & Grilles Ref. *L-6/14* |
|  Ceiling Grilles Ref. *L-13/14* |  Plug-In Run-on Timer and Speed Controller* Ref. *M-16* |  Hard Wired Adjustable Run-on Timer Ref. *M-14/15* |

* Speed Controller suitable for JCE152-1 (SJK) only

## TECHNICAL DATA

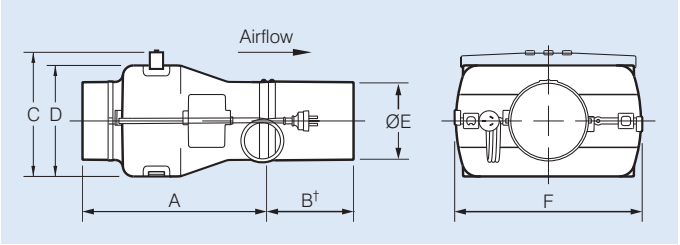
| Model Number JCE... | Speed Setting | Fan Speed rev/sec | Avg. dB(A) @ 3m | JCE.. 1ph. Watts | Amps | Max. Amb °C |
|---|---|---|---|---|---|---|
| **152-1** | High | 41 | 47 | 70 | 0.30 | 50 |
| **152-3** | High | 41 | 47 | 65 | 0.29 | 50 |
| | Mid | 32 | 39 | 50 | 0.25 | 50 |
| | Low | 21 | 29 | 43 | 0.22 | 50 |
| **202-3** | High | 42 | 50 | 103 | 0.42 | 50 |
| | Mid | 31 | 34 | 74 | 0.31 | 50 |
| | Low | 19 | 26 | 67 | 0.19 | 50 |

## NOISE DATA

| Model Number JCE... | Speed Setting | In-duct Sound Power Levels $L_W$dB re 1pW 125 | 250 | 500 | 1k | 2k | 4k | 8k |
|---|---|---|---|---|---|---|---|---|
| **152-1** | High | 59 | 57 | 59 | 64 | 63 | 56 | 46 |
| **152-3** | High | 59 | 57 | 59 | 64 | 63 | 56 | 46 |
| | Mid | 50 | 54 | 52 | 54 | 55 | 46 | 36 |
| | Low | 48 | 46 | 42 | 44 | 46 | 31 | 17 |
| **202-3** | High | 66 | 63 | 64 | 66 | 64 | 60 | 55 |
| | Mid | 54 | 52 | 49 | 51 | 48 | 42 | 35 |
| | Low | 50 | 47 | 43 | 43 | 39 | 31 | 23 |

Sound Power Levels shown are for the Inlet Side of unit.

## DIMENSIONS




| Model JCE... | Dimensions, mm A | B† | C | D | EØ | F |
|---|---|---|---|---|---|---|
| **152** | 350 | 163 | 235 | 210 | 147 | 355 |
| **202** | 375 | 240 | 268 | 241 | 197 | 380 |

† Applicable only when Smooth Flow Damper is fitted

*Scan the QR Code to view more information online.*