



FEATURES

The Fantech JetStream Systems feature a duct mounted centrifugal in-line fan that has been developed to optimise airflow while generating minimal noise. The slim-line design enables use where space is limited such as apartments, hotels and homes.

The Fantech JetStream System is available in two models:

- JCE152-3 3-speed fan with integrated 3-speed switch.
- JCE152-1 Single speed 2 pole fan.

Both models also include the unique Smooth Flow Backdraft Damper, the simple to use Snap-Fit Mounting Bracket and 3-pin plug and lead.

Construction

Robust low profile engineering plastic housing.
Backward curved centrifugal impeller.

Motors

Type - external rotor, squirrel cage induction motor.
Electrical supply - 220 - 240V, single phase, 50Hz.
Bearings - sealed-for-life ball.
Maximum ambient temperature - 50°C.
Speed-controllable using electronic controller - JCE152-1 only.
Motor protection - IP44.
See pages N-2/3 for details of these motors.

Internal Thermal Protection

Manual reset thermal overload protection device, which is a mandatory requirement for in-duct fans in AS/NZS60335-2-80:2004

Testing

Air flow tests to AS ISO5801
Noise tests to BS848:Part 2, 1985

Certificate of Conformity

This product has been tested and approved to the following safety standards:-

- AS/NZS60335-1:2002 - Household and similar electrical appliances - Safety. Part 1: General requirements.
- AS/NZS60335-2-80:2004 - Household and similar electrical appliances - Safety. Part 2-80: Particular requirements for fans

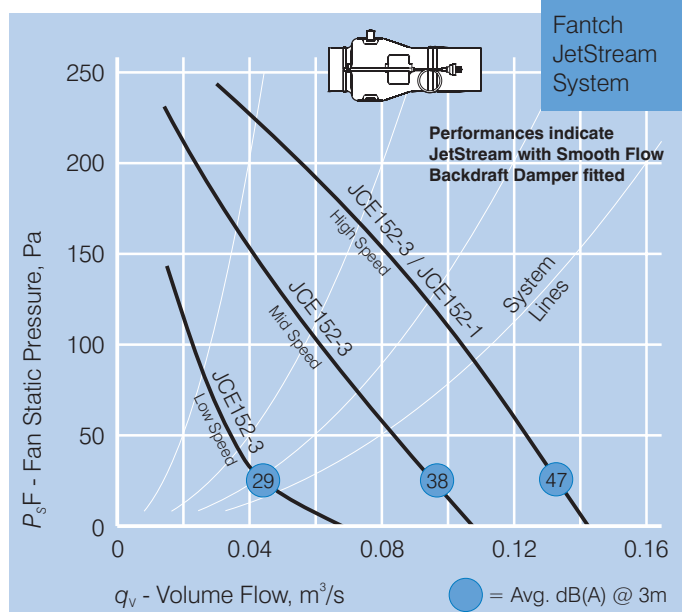
SUGGESTED SPECIFICATION

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

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

All models shall have a certificate of conformity to demonstrate conformance to AS/NZS60335 Parts 1 & 2-80 for safety.

All models must have manual reset thermal overload protection to conform with AS/NZS60335-2-80:2004.



SPECIAL FEATURES

Smooth Flow Backdraft Damper

Supplied fitted to the fan, the Smooth Flow Backdraft Damper has a patented design and superb performance characteristics. eg. at 0.08 to 0.1 m^3/sec the pressure loss is approximately 25Pa lower than conventional spring loaded backdraft dampers.



The performance curves shown for the JetStream Fan System include the losses generated by the Smooth Flow Damper.

Snap-Fit Mounting Bracket

Mounting the fan is made easy with this simple bracket. The Snap-Fit mounting bracket can be easily installed beforehand and the fan clipped into position when ready. 3 holes are provided for 1 or 2 point mounting.



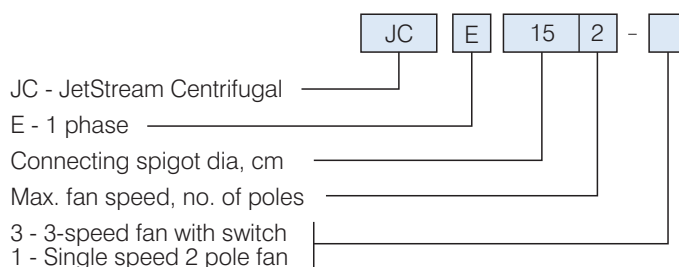
The Snap-Fit mounting bracket incorporates rubber grommets and a spring design that provides the necessary vibration isolation for the fan - no other means of vibration isolation is required resulting in substantial cost savings.

3-Speed Switch

The integrated 3-speed switch (JCE152-3 model only) is ideal for airflow adjustment at the time of commissioning.

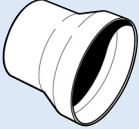
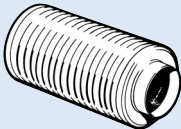


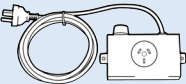

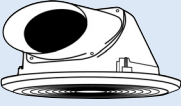
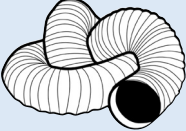


HOW TO ORDER



FANTECH JETSTREAM SYSTEM

ANCILLARY EQUIPMENT

 DA - Duct adaptor (to suit Ø100mm DWV pipe)	 CC - Circular attenuator Ref. H-3	 FC - Fast clamp Ref. J-5
 Shutters & Louvres Ref. K-1	 Plug-In Run-on Timer and Speed Controller*	 Hard Wired Adjustable Run-on Timer
 RCG150 - Ceiling Grille	 Flexible Duct	

* Speed Controller suitable for JCE152-1 only

TECHNICAL DATA

Model Number	Speed Setting	Fan Speed rev/sec	Avg. dB(A) @ 3m	JCE.. 1ph. Watts	1ph. Amps	Max. Amb °C
152-1	High	41	47	70	0.30	50
	High	41	47	65	0.29	50
152-3	Mid	32	38	50	0.25	50
	Low	21	29	43	0.22	50

NOISE DATA

Model Number	Speed Setting	In-duct Sound Power Levels*						
		L _w dB re 1pW						
JCE...		125	250	500	1k	2k	4k	8k
152-1	High	59	57	59	64	63	56	46
	High	59	57	59	64	63	56	46
152-3	Mid	50	54	52	54	55	46	36
	Low	48	46	42	44	46	31	17

* The In-duct Sound Power Levels shown are for the Inlet Side of unit.

DIMENSIONS

