

DESCRIPTION

The Jetline is a high performance, low profile in-line fan featuring silent-block motor mounting to reduce vibrations and lower the sound level of operation. The Jetline uses a quick fit mounting bracket for fast installations and is suitable for mounting in any position.

There are 6 models in the range matching standard duct sizes from 100 to 315mm diameter.

Typical Applications

Designed for the ventilation of toilets, bathrooms, ensuites, laundries and kitchens in homes, hotels, apartments and commercial buildings. Suitable for both supply and exhaust air applications and the transfer of warm and cool air from one room to another.

Features

- High performance patented centrifugal impeller.
- Optimised impeller, guide vane and outlet diffuser for low noise operation.
- Designed for direct connection to standard diameter circular ducting.
- Low profile, durable outer casing manufactured from galvanised sheet steel.
- Robust, galvanised steel quick fit mounting bracket for fast installations.
- Can be mounted in any position.
- Includes plug and lead for easy installation.

Construction

Outer housing and foot mount are made of pressed galvanised steel providing a very robust construction. Internal housing and patented centrifugal impeller are from injected moulded plastic.

Motors

Type – Single-speed, squirrel cage induction motor.

Electricity supply – 220-240V, single-phase, 50/60Hz for 100-250 models.

- 220-240V, single-phase 50Hz for 315 model.

Bearings - sealed for life, ball.

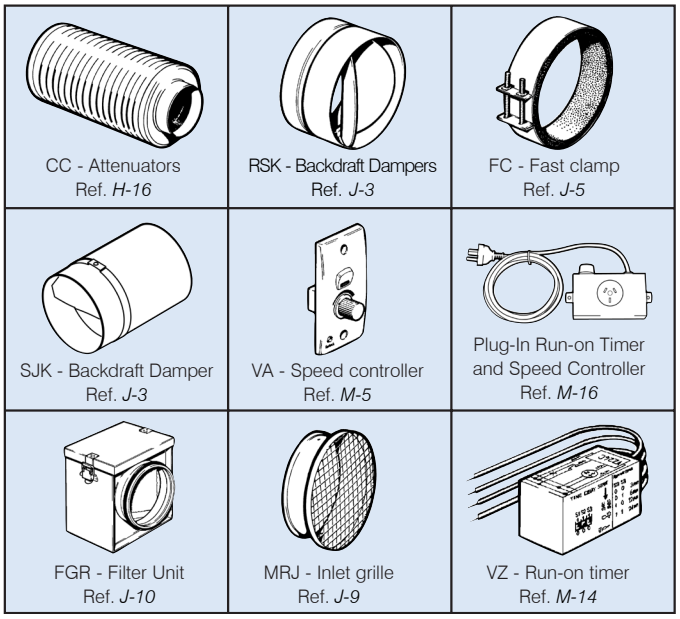
Speed-controllable using VA type speed controllers.

Class F Insulation, IP44.

See pages O-3/4 for details on motors.

Internal Thermal Protection

By fuse for 100-125 models, and for 150-315 models manual-reset thermal overload protection device in accordance with mandatory requirements for in-duct fans AS/NZS60335-2-80:2016.



SUGGESTED SPECIFICATION

The in-line fans shall be of the Jetline Series as supplied by Fantech Pty Ltd and be of the model numbers shown on the schedule/drawings.

Impellers shall be of the centrifugal design and driven by a single-phase, speed motor with integral thermal protection. The fan outer casing and mounting foot shall be of pressed galvanised steel and internal housing including the impeller made from injected moulded plastic.

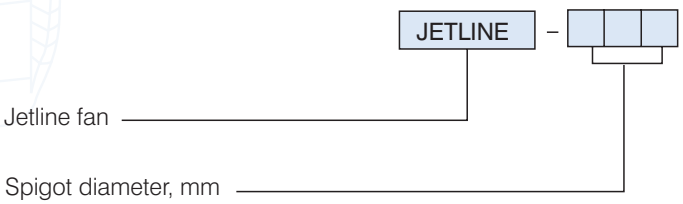
All models shall be fully tested to ISO5801: Part1, 1997 for air flow and ISO 13347-3 2004 for noise.

TECHNICAL DATA

Model Number JETLINE-..	Fan Speed rev/sec	Avg. dB(A) @ 3m*	JETLINE.. 1ph Watts	Amps	Max. amb °C
100	45	35	19	0.1	60
125	44	41	40	0.2	60
150	46	46	83	0.4	60
200	44	51	125	0.5	60
250	45	53	160	0.7	60
315	43	52	215	0.9	60

* Inlet Sound Levels

HOW TO ORDER



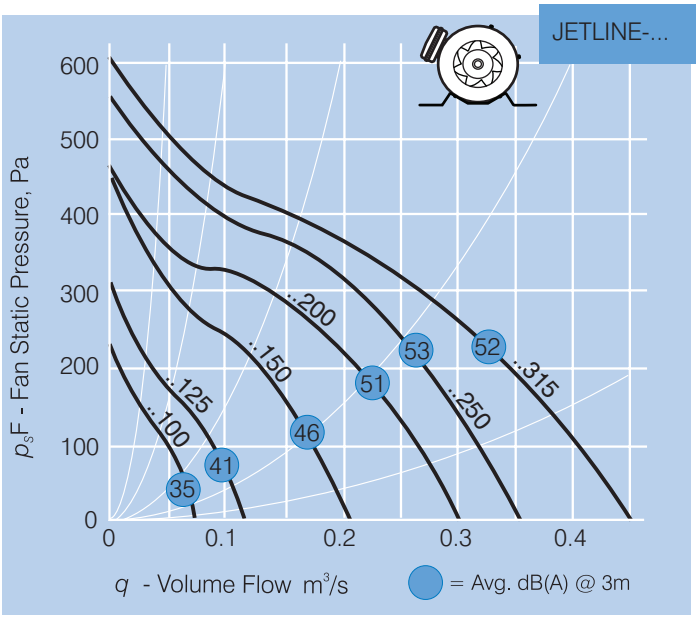
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TECHNICAL DATA & NOISE LEVELS

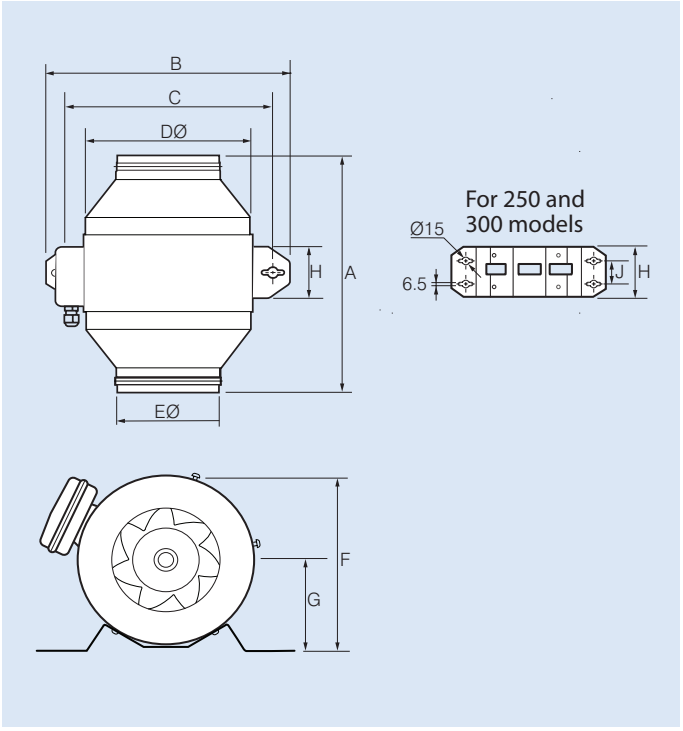
Model JETLINE-...	Type	dB(A) @3m*	Free Field Inlet/Outlet, and Breakout Sound Power Levels LwdB re 1pW 63	125	250	500	1k	2k	4k	8k
	Inlet	35	53	47	51	50	51	47	47	35
100	Outlet	33	53	48	53	50	48	45	45	35
	Breakout	16	42	29	30	27	32	30	30	18
	Inlet	41	66	53	59	61	52	53	50	42
125	Outlet	41	54	63	57	61	54	53	53	40
	Breakout	19	56	40	34	35	31	32	31	24
	Inlet	46	54	55	67	65	58	59	56	50
150	Outlet	44	54	59	65	64	57	57	54	45
	Breakout	25	39	42	43	42	38	39	39	33
	Inlet	51	56	56	65	69	68	63	61	58
200	Outlet	49	54	60	66	67	65	61	57	54
	Breakout	36	45	49	53	54	53	45	44	40
	Inlet	53	67	59	69	70	70	65	60	61
250	Outlet	52	60	62	71	69	68	67	57	56
	Breakout	39	54	48	48	54	57	53	44	37
	Inlet	52	59	65	71	70	68	65	60	63
315	Outlet	54	62	66	71	70	70	69	59	58
	Breakout	43	44	59	65	59	61	54	45	40

* Sound levels taken at medium-level pressure

FANS IN PARALLEL



DIMENSIONS



Model Number JETLINE-...	Dimensions, mm A	B	C	DØ	EØ	F	G	H	J	App. wt. kg
100	276	306	256	181	95	190	98	70	-	3.0
125	279	315	265	206	120	214	111	70	-	3.4
150	323	348	299	244	145	252	130	70	-	4.5
200	322	369	320	273	195	281	145	100	-	5.6
250	329	375	326	293	245	301	155	120	50	6.5
315	369	407	358	322	310	331	170	120	50	10.0

Scan the QR Code to view more information online.

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