

envirovent®

JETLINE RANGE

Centrifugal In-Line Fans



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About

Range of in-line fans for circular ducts, designed for high aerodynamic performance in a compact profile to deliver extremely low sound levels. The JETLINE Range comprises of five diameters, covering a flow range from 260 to 1080 m³/h.

The low profile compact casing is manufactured from galvanised sheet steel, with the terminal box and mounting bracket designed with least impact on the product's profile. Manufactured from injection-moulded plastic, the design of the impeller, guide vane and outlet diffuser have been optimised to increase performance and lower the sound level.

An airtight connection between the galvanised steel casing and the plastic guide vane avoids air leakage, whilst rubber gaskets on the flanges improves airtightness with the duct connections.

The JETLINE Range has been designed with a silent-block between the motor and the holder to reduce the motor's vibrations and lower the sound level of the installation, even in terms of speed regulation.



Motor

Fitted with an external rotor single-phase AC motor:

- 220-240V 50/60Hz, Class F, IP 44
- Speed controllable by voltage
- Thermal protection with manual reset
- Working temperature: -20/60 °C

Terminal box

Built-in, IP65 terminal box that does not add to the overall height dimensions



Mounting Bracket

Strong mounting bracket supplied with the fan.



High Performance Impeller

New impeller geometry for reduced sound levels and to offer high performance.



Airtight joints

Rubber gaskets for a more airtight joint with the installation's ducts.



Two mounting positions for support

The product can be mounted in two different positions by changing the position of the support's anchoring.



Technical Data

Before installation check that the product electrical characteristics listed on the data plate label (voltage, power, frequency, etc.) match those of the intended electrical supply.

Model Type	Speed (rpm)	Maximum absorbed power (W)	Maximum absorbed current (A-230V)	Maximum air volume (m ³ /h)	Sound pressure level* [dB(A)]			Max. Air temp. (°C at 50Hz)	Weight (kg)	Speed controller	
					Inlet	Radiated	Outlet			REB	RMB
JETLINE-100	2690	19	0,10	260	41	22	39	-20/+60	3	REB-1 N	RMB-1,5
JETLINE-125	2640	40	0,20	420	47	25	47	-20/+60	3,4	REB-1 N	RMB-1,5
JETLINE-150	2730	83	0,40	750	52	31	50	-20/+60	4,5	REB-1 N	RMB-1,5
JETLINE-160	2730	84	0,40	760	52	31	51	-20/+60	4,5	REB-1 N	RMB-1,5
JETLINE-200	2630	125	0,50	1080	58	42	55	-20/+60	5,6	REB-1 N	RMB-1,5

* sound pressure level measured at 1,5 m in free field condition, at the duty point 2 of the performance curve.

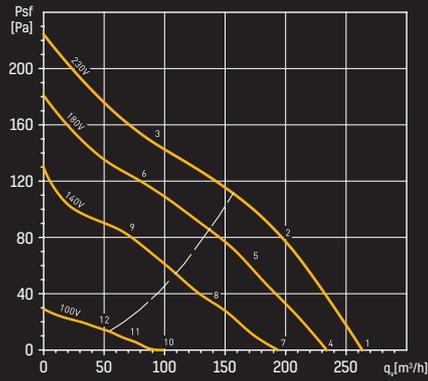
Order Codes

JL-100	JETLINE 100
JL-125	JETLINE 125
JL-150	JETLINE 150
JL-160	JETLINE 160

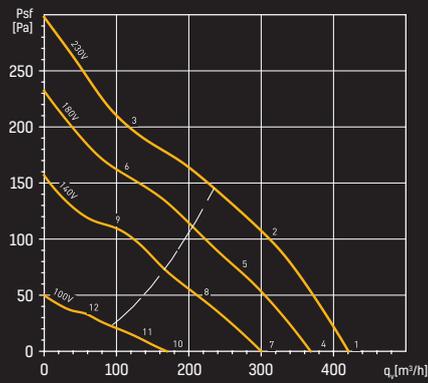
Order Codes

JL-200	JETLINE 200
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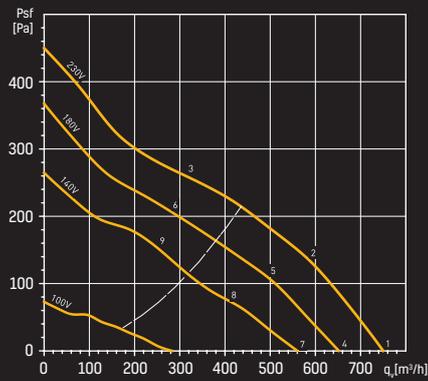
Performance Curves JETLINE 100



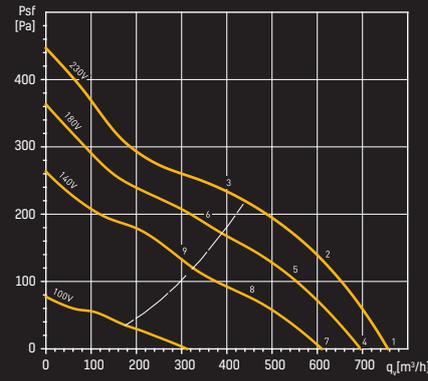
Performance Curves JETLINE 125



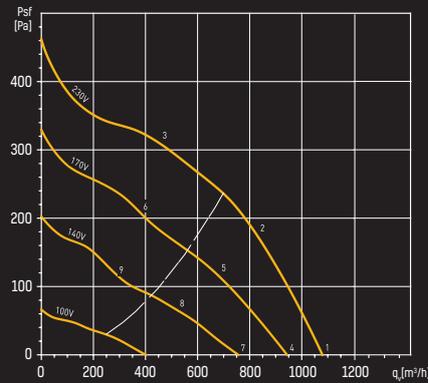
Performance Curves JETLINE 150



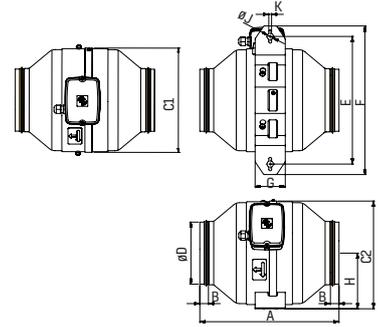
Performance Curves JETLINE 160



Performance Curves JETLINE 200



Dimensions (mm)



MODELO	JETLINE 100	JETLINE 125	JETLINE 150	JETLINE 160	JETLINE 200
A	276	279	323	323	322
B	15	15	20	20	30
C1	181	206	244	244	273
C2	190	214	252	252	281
øD	95	120	145	155	195
E	256	265	299	299	320
F	306	315	348	348	369
G	70	70	70	70	100
H	98	111	130	130	144.5
øJ	15	15	15	15	15
K	6.5	6.5	6.5	6.5	6.5

Mounting Accessories

PRODUCTO	CODE(S)	PRODUCTO	CODE(S)	
	SOUND ATTENUATORS		WORM DRIVE CLIPS	
	IN-SA125X900		IN-WDC 100	
	IN-SA150X900		IN-WDC 125	
	IN-SA200X900		IN-WDC 150	
	IN-SA250X900		IN-WDC 200	
	IN-SA300X900		IN-WDC 300	
	FILTRATION BOXES		FLEXIBLE ALUMINIUM HOSE DUCTING	
	EV-FILTB-125		1RD ALU FLEX 100	
	EV-FILTB-160		1RD ALU FLEX 125	
	EV-FILTB-200		1RD ALU FLEX 150	
	EV-FILTB-250		1RD ALU FLEX 160	
	EV-FILTB-315		1RD ALU FLEX 200	
	EV-FILTB-355		1RD ALU FLEX 250	
EV-FILTB-400		1RD ALU FLEX 300		
	INSULATED FLEXIBLE ALUMINIUM HOSE DUCTING		1RD ALU FLEX 315	
	1RD INS FLEX 200			
	1RD INS FLEX 250			
	1RD INS FLEX 300			

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