

# JETLINE RANGE

Centrifugal In-Line Fans



# JETLINE

Centrifugal In-Line Fans



## 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 m<sup>3</sup>/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

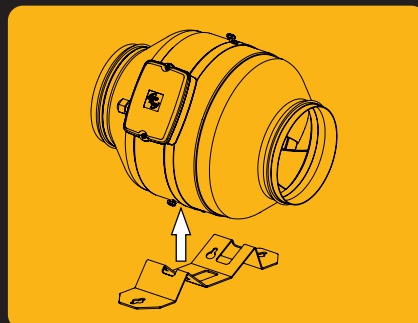
## Terminal box

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 <sup>3</sup> /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
JETLINE-250	2715	160	0.67	1279	59	45	58	-20/+60	6.5	REB-1 N	RMB-1,5
JETLINE-315	2595	315	0.89	1610	59	49	60	-20/+60	8.4	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.

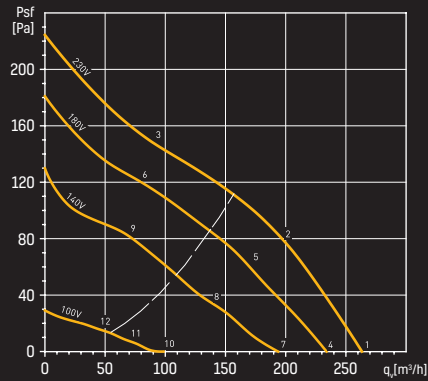
### Order Codes

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

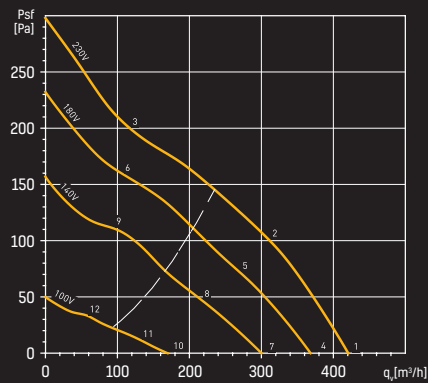
### Order Codes

JL-200	JETLINE 200
JL-250	JETLINE 250
JL-315	JETLINE 315

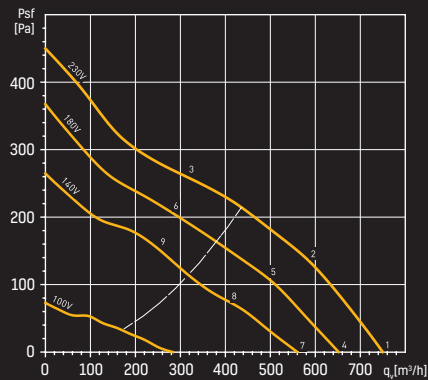
## Performance Curves JETLINE 100



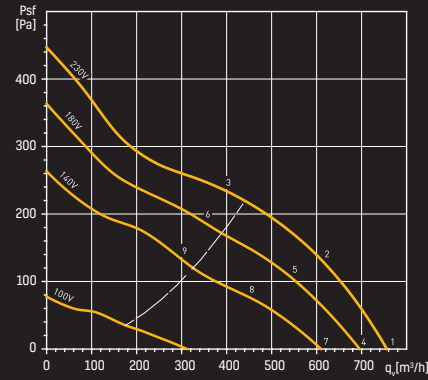
## Performance Curves JETLINE 125



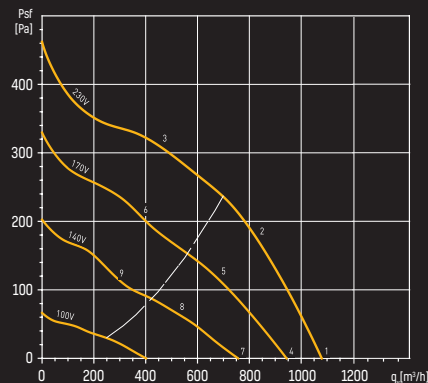
## Performance Curves JETLINE 150



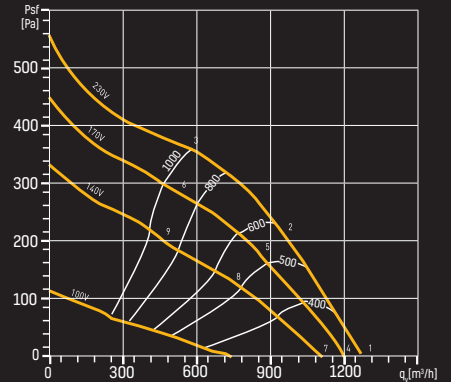
## Performance Curves JETLINE 160



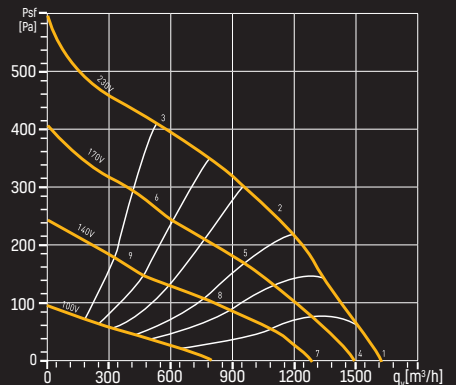
## Performance Curves JETLINE 200



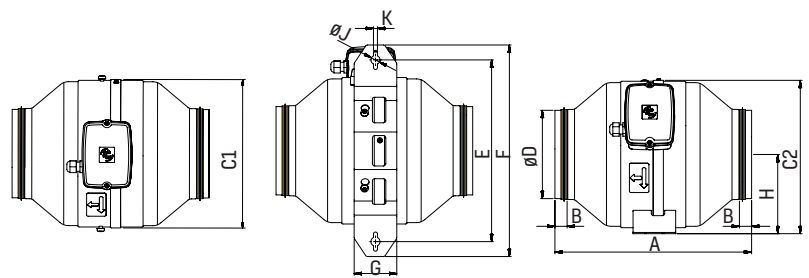
## Performance Curves JETLINE 250



## Performance Curves JETLINE 315



## Dimensions (mm)



Model Type	JETLINE 100	JETLINE 125	JETLINE 150	JETLINE 160	JETLINE 200	JETLINE 250	JETLINE 315
A	276	279	323	323	322	329	369
B	15	15	20	20	30	20	20
C1	181	206	244	244	273	293	322
C2	190	214	252	252	281	301	331
ØD	95	120	145	155	195	245	310
E	256	265	299	299	320	326	357.5
F	306	315	348	348	369	375	407
G	70	70	70	70	100	120	120
H	98	111	130	130	144.5	154.3	170
J	15	15	15	15	15	15	15
K	6.5	6.5	6.5	6.5	6.5	6.5	6.5



# JETLINE ECOWATT

Centrifugal In-Line Fans

2  
YEAR



## 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 ECOWATT comprises of seven diameters, covering a flow range from 124 to 1570 m<sup>3</sup>/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 ECOWATT 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 EC motor:

- 230V 50/60Hz, IP 44
- 100% Speed controllable via potentiometer or 0-10V external signal
- Thermal protection with manual reset
- Working temperature: -20/40 °C

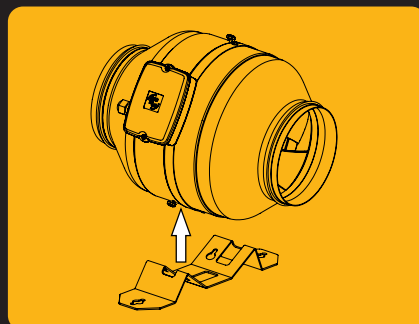
## Terminal Box

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. Figures shown in the table below are maximum figures based upon 10V input voltage. Lower voltage settings are available.

Model Type (ECOWATT)	Speed (rpm)	Maximum absorbed power (W)	Maximum absorbed current (A-230V)	Maximum air volume (m <sup>3</sup> /h)	Sound pressure level* (dB(A))			Max. Air temp. (°C at 50Hz)	Weight (kg)	Speed controller  REB
					Inlet	Radiated	Outlet			
JETLINE-100	2650	16	0.14	258	40	23	39	-20/+40	2.5	REB-ECO
JETLINE-125	2650	26	0.21	393	46	25	46	-20/+40	2.8	REB-ECO
JETLINE-150	2650	58	0.46	680	51	37	46	-20/+40	3.6	REB-ECO
JETLINE-160	2650	60	0.47	720	50	31	49	-20/+40	3.6	REB-ECO
JETLINE-200	2630	109	0.75	1050	59	40	56	-20/+40	4.7	REB-ECO
JETLINE-250	2740	135	0.88	1270	57	43	57	-20/+40	5.8	REB-ECO
JETLINE-315	2640	194	1.28	1570	58	42	61	-20/+40	8.0	REB-ECO

\* sound pressure level measured at 1,5 m in free field condition, at the duty points 2,5,8 & 11 of the performance curve.

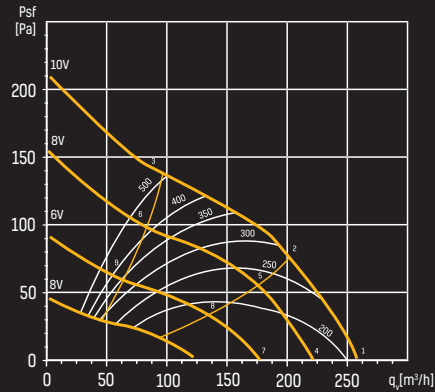
### Order Codes

JL-100ECO	JETLINE 100 ECOWATT
JL-125ECO	JETLINE 125 ECOWATT
JL-150ECO	JETLINE 150 ECOWATT
JL-160ECO	JETLINE 160 ECOWATT

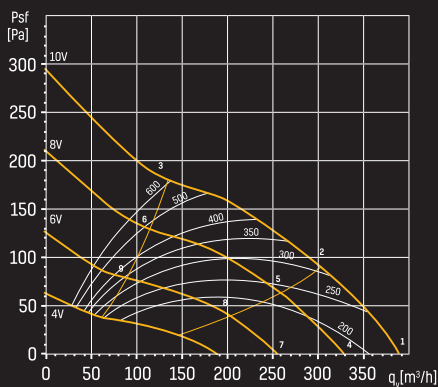
### Order Codes

JL-200ECO	JETLINE 200 ECOWATT
JL-250ECO	JETLINE 250 ECOWATT
JL-315ECO	JETLINE 315 ECOWATT

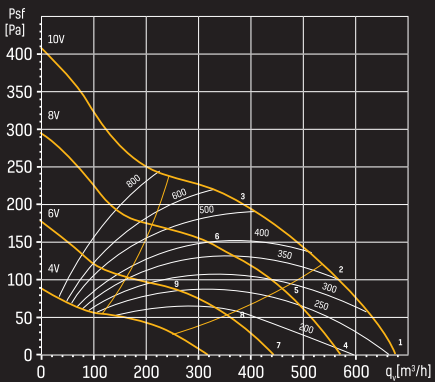
## Performance Curves JETLINE ECOWATT 100



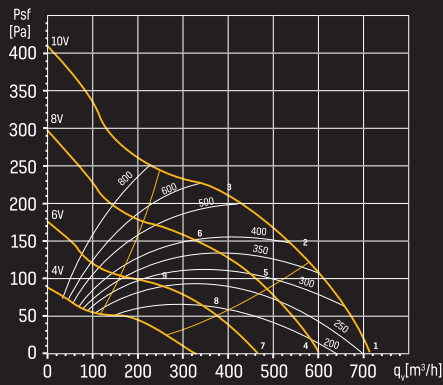
## Performance Curves JETLINE ECOWATT 125



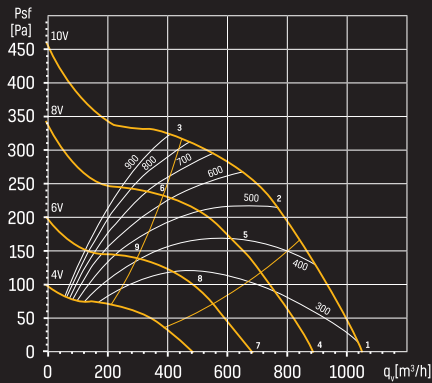
## Performance Curves JETLINE ECOWATT 150



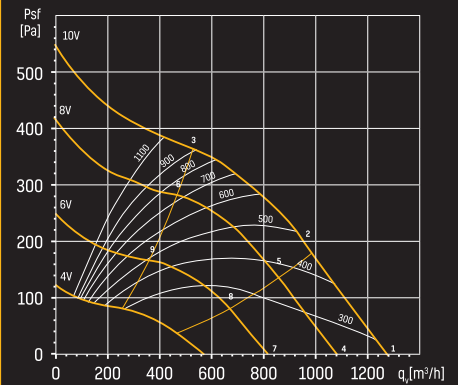
## Performance Curves JETLINE ECOWATT 160



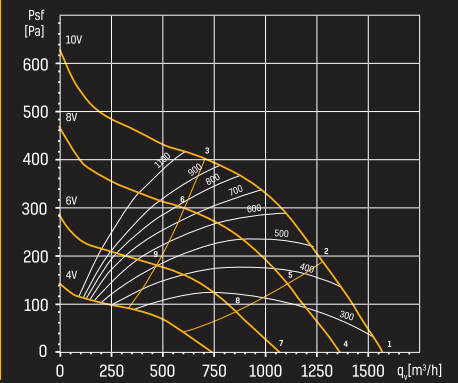
## Performance Curves JETLINE ECOWATT 200



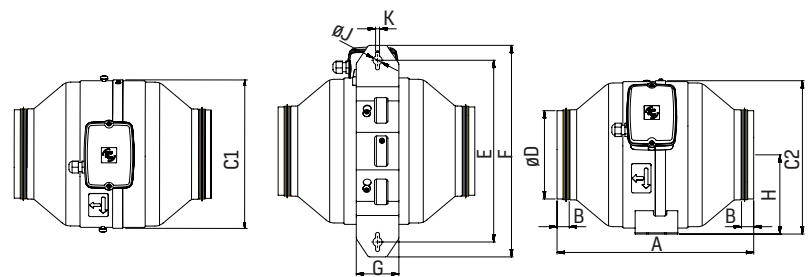
## Performance Curves JETLINE ECOWATT 250



## Performance Curves JETLINE ECOWATT 315



## Dimensions (mm)



Model Type (ECOWATT)	JETLINE 100	JETLINE 125	JETLINE 150	JETLINE 160	JETLINE 200	JETLINE 250	JETLINE 315
A	276	279	323	323	322	329	369
B	15	15	20	20	30	20	20
C1	181	206	244	244	273	293	322
C2	190	214	252	252	281	301	331
øD	95	120	145	155	195	245	310
E	256	265	299	299	320	326	357.5
F	306	315	348	348	369	375	407
G	70	70	70	70	100	120	120
H	98	111	130	130	144.5	154.3	170
øJ	15	15	15	15	15	15	15
K	6.5	6.5	6.5	6.5	6.5	6.5	6.5



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