alaskon
AIR MOVEMENT PRODUCTS & EXPERTISE

IMF-EC & IMF-SIL-EC

Inline Mixed Flow EC Fans





125–315 mm
Nominal size range

EC Motor
Electronically commutated

8 Models
Standard & Silent ranges

Residential + Commercial
Flexible ventilation applications

A versatile range of EC inline mixed-flow fans for residential and commercial ducted ventilation, available in standard IMF-EC and acoustically enclosed IMF-SIL-EC configurations.

IMF-EC

Standard inline mixed-flow EC range
125 / 150 / 200 / 250 / 315 mm

IMF-SIL-EC

Acoustically enclosed inline mixed-flow EC range
100 / 125 / 150 / 200 mm

Quick Selection

IMF-EC

230V / 1Ph

Model	Order Code	Nominal Size (mm)	Max Airflow (L/s)	Max Pressure (Pa)	Motor Power (kW)	FLC (A)	Sound Level dB(A) @ 3 m
IMF-125-EC	FAN1409	125	79	159	0.04	0.27	35
IMF-150-EC	FAN7103	150	150	246	0.05	0.37	43
IMF-200-EC	FAN7449	200	347	746	0.18	0.78	48
IMF-250-EC	FAN7001	250	446	708	0.26	1.10	53
IMF-315-EC	FAN7002	315	564	493	0.25	1.08	54

IMF-SIL-EC

230V / 1Ph

Model	Order Code	Nominal Size (mm)	Max Airflow (L/s)	Max Pressure (Pa)	Motor Power (kW)	FLC (A)	Sound Level dB(A) @ 3 m
IMF-125SIL-EC*	FAN7311	125	154	400	0.04	0.27	32
IMF-150SIL-EC	FAN6858	150	166	346	0.073	0.48	44
IMF-200SIL-EC	FAN6859	200	300	530	0.165	1.05	49

* IMF-125SIL-EC supplied with removable 100mm spigots

Sound Level (L_P), dB(A) @ 3 m. Refer to individual product data sheets for octave-band sound data.

Accessories

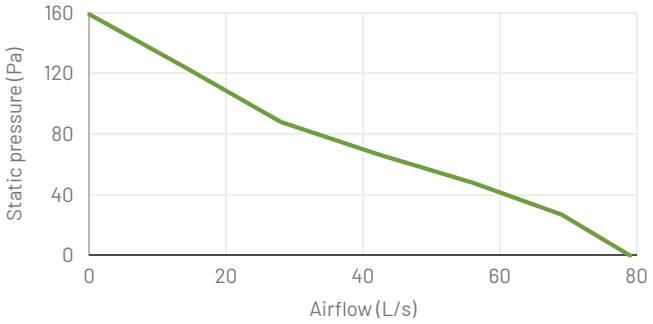
Order Code	Description
FAN4126	Wall-mounted 0-10V Pot with ON/OFF Switch
FAN1414	EC Fan Trickle/Boost Controller
FAN1212	EC Fan Trickle/Boost Continuous Controller with Run-on Timer & Current Sensor
FAN1324	Dual EC Fan Trickle/Boost Continuous Controller with Run-on Timer & Current Sensor
FAN5311	Wall-mounted CO2 Monitor/Controller

Refer to the individual Alaskon data sheets for full performance and dimensional information.

Performance Curves

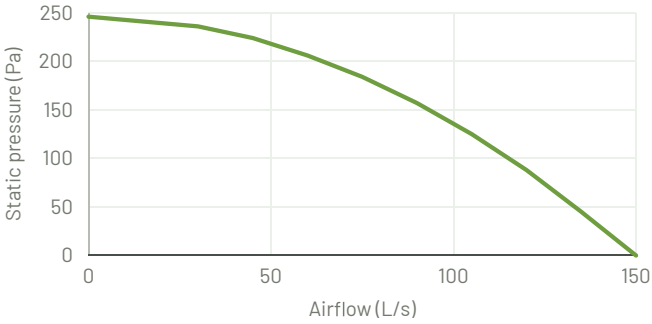
IMF-125-EC

FAN1409



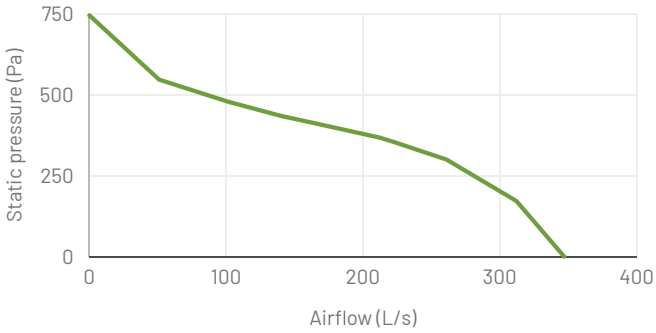
IMF-150-EC

FAN7103



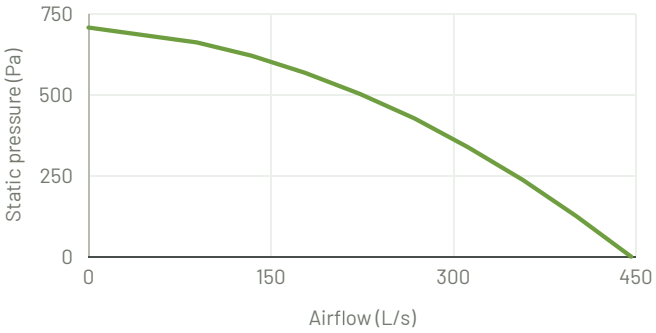
IMF-200-EC

FAN7449



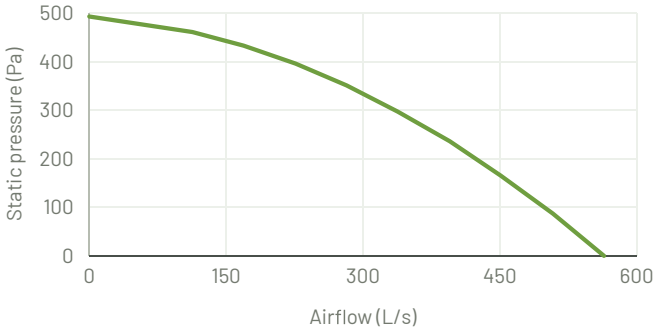
IMF-250-EC

FAN7001



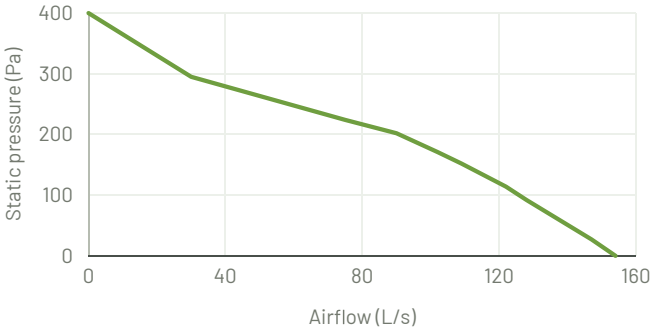
IMF-315-EC

FAN7002



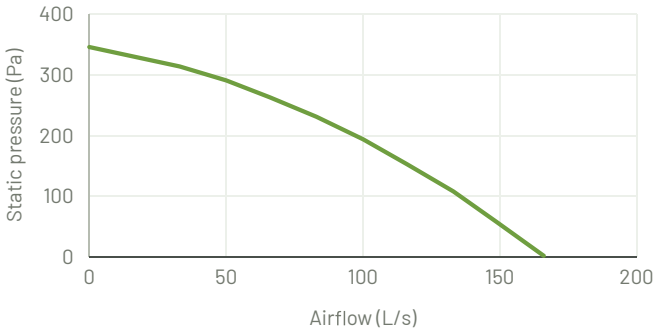
IMF-125SIL-EC

FAN7311



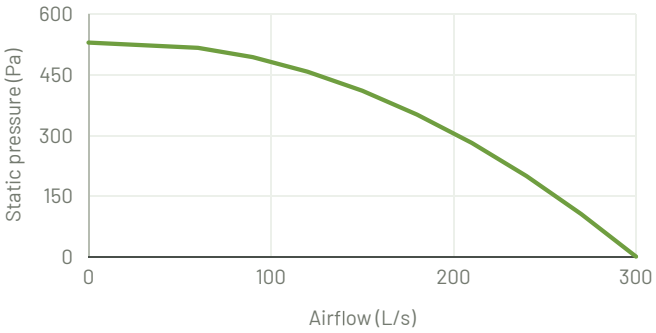
IMF-150SIL-EC

FAN6858

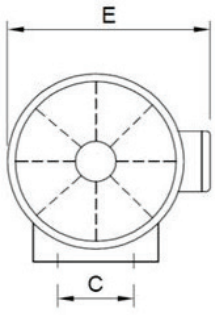


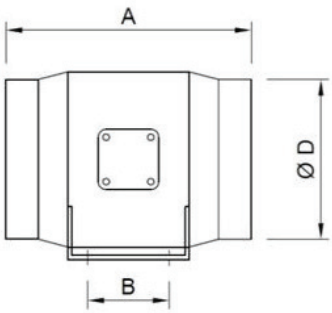
IMF-200SIL-EC

FAN6859

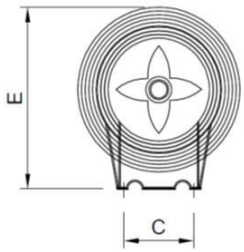


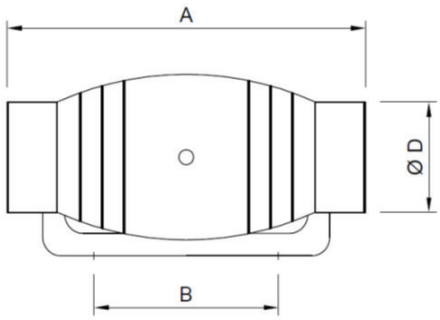
Dimensions





IMF-EC





IMF-SIL-EC

Dimensions in mm. Drawings not necessarily to scale.

IMF-EC dimensions

Model	Order Code	A	B	C	D	E	Nominal duct size	Weight (kg)
IMF-125-EC	FAN1409	257	—	—	123	204	Ø125	1.4
IMF-150-EC	FAN7103	315	77	105	150	229	Ø150	3.6
IMF-200-EC	FAN7449	302	100	94	197	250	Ø200	4.9
IMF-250-EC	FAN7001	383	150	150	250	310	Ø250	6.0
IMF-315-EC	FAN7002	446	181	178	315	386	Ø315	8.0

IMF-SIL-EC dimensions

Model	Order Code	A	B	C	D	E	Nominal duct size	Weight (kg)
IMF-125SIL-EC*	FAN7311	462	248	82	125	225	Ø125	3.3
IMF-150SIL-EC	FAN6858	352	251	95	150	221	Ø150	3.6
IMF-200SIL-EC	FAN6859	436	339	128	200	262	Ø200	4.5

* IMF-125SIL-EC supplied with removable 100mm spigots

Need help with fan selection?

Alaskon / Simx HVAC Technical Support

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