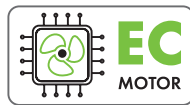


Duct fans ICS-EC



High
efficiency



Exceptionally quiet
operation



High
compression ratio

Construction

Silent, high-performance duct fan. Housing made of powder-coated steel sheet. In order to muffle the fan, 45mm thick noise-absorbing foam is used inside.

Suitable for ceiling mounting.

Electric motor

Electronically commutated (EC) electric motor with automatic thermal protection. In case of overheating, the device resets automatically. Power supply 230V ~1, 50Hz. The motors are adapted for smooth regulation of rotational speed in the full range while maintaining high efficiency. Rotational speed regulation is carried out by means of a controller using an analog signal 0-10V. Degree of protection of the device IP44, insulation class B.

Application

The fan will work perfectly in any installation where a low noise level of the operating device is important, i.e. apartments, offices, shops, hotels, hospitals.

Operating/working temperature

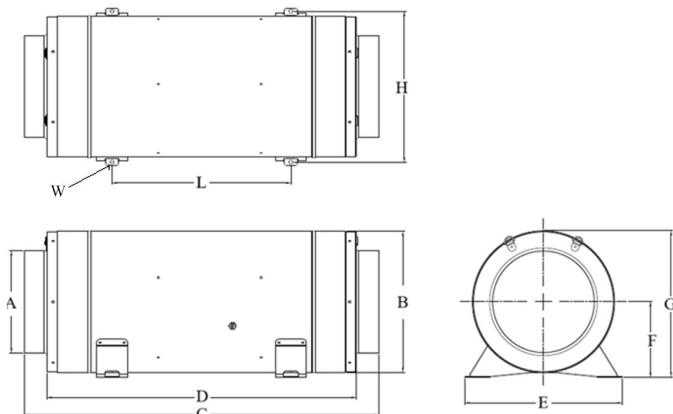
The fan is designed to circulate air at temperatures ranging from -20 to +60°C.

Technical data

Model	Efficiency [m³/h]	Speed [rpm]	Power [W]	Intensity [A]	Voltage [V]	Acoustic pressure [Pa]	Noise [dB]	Weight [kg]	Speed regulation HMTP
ICS-EC-150-160/480 M	480	5000	42	0,8	230	583	41	4,8	yes
ICS-EC-200/1000 M	995	4000	90	1,4	230	656	47	7,9	yes
ICS-EC-250/1800 M	1764	3600	175	1,6	230	805	48	11,9	yes

Sound level measured in a room from a distance of 3m.

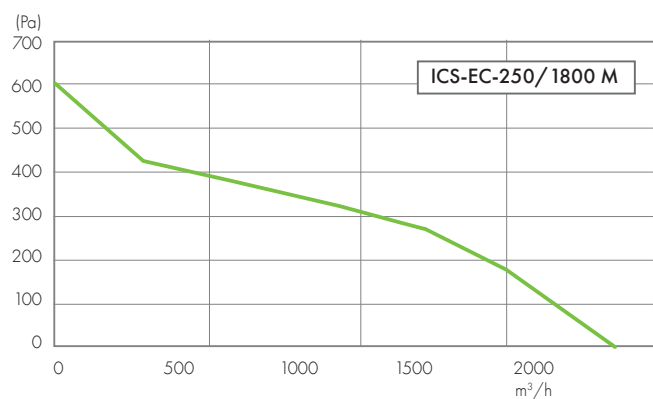
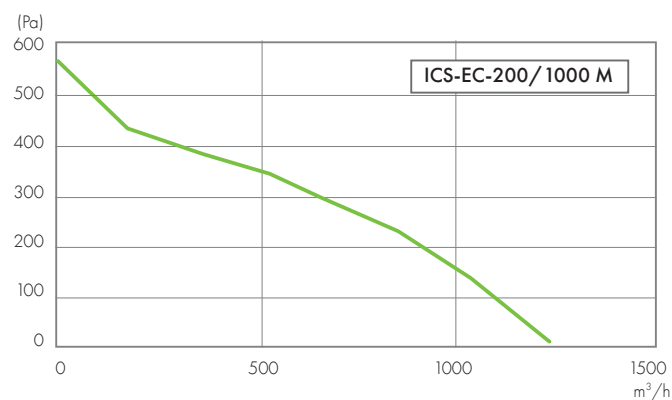
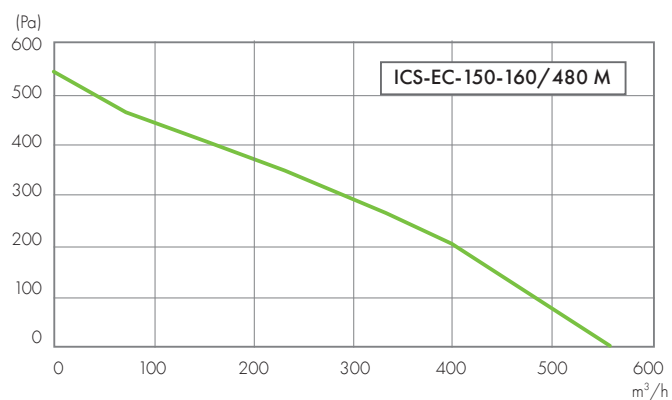
Technical drawing



Dimensions [mm]

Model	A	B	C	D	E	F	G	H	L	W
ICS-EC-150-160/480 M	147	240,5	535	445	280,5	132	252	264,5	323	Φ8x10
ICS-EC-200/1000 M	197	291	688	598	331	157	302,5	315	473	Φ8x10
ICS-EC-250/1800 M	247	341,5	858	748	381	182	355	365	433	Φ8x10

Characteristics



Accessories



HMTF

Potentiometer for EC motors



AKUFLEX

Acoustic silencer



PCC

Sealing band



RSKV

Backflow damper



FKOV

G3 filters for round ducts