

K 315 sileo

Item no. 27424

Version: 60 Hz

Symbol



Description

- Speed-controllable
- Quiet-running
- Increased efficiency
- Integral thermal contacts
- Can be installed in any position
- Can be installed outdoors
- Maintenance-free and reliable

The K Sileo series is designed for installation in ducts. All K-fans have a minimum 25 mm long spigot connections.

The fans have backward-curved blades and external rotor motors. To simplify the installation the K Sileo fan has a fixing bracket together with screws for mounting the bracket included as standard. The FK mounting clamp facilitates easy installation and removal, and prevents the transfer of vibration to the duct. The fans can be speed-controlled via a stepless thyristor or a 5-step transformer.

To protect the motor from overheating the fan has integral thermal contacts with manual reset.

The casing is manufactured from galvanised sheet steel and folded which gives the fan a close to air tight casing. Duct connected outdoor and wet room applications of the fan are possible due to the air tight casing



Technical parameters

ErP	
ErP ready	ErP 2016

Nominal data	
Voltage	230 V
Frequency	60 Hz
Phase	1 ~
Input power (P1)	378 W
Current	1.65 A
Max. airflow	835 cfm
Fan impeller speed	3134 r.p.m.
Capacitor	5 µF
Weight	6.6 kg

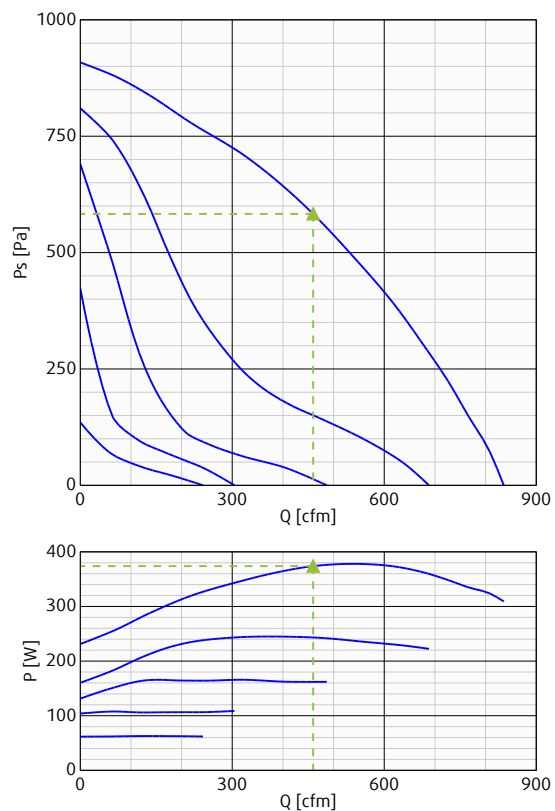
Temperature data	
Max. temperature of transported air	70 °C
Max. temperature of transported air when voltage-controlled	57.5 °C

Sound data	
Sound pressure level at 3 m (20m ² Sabine)	46.6 dB(A)

Protection / Classification		
Insulation class		F
Enclosure class, motor	IP44	IP

Performance

Performance



Max efficiency

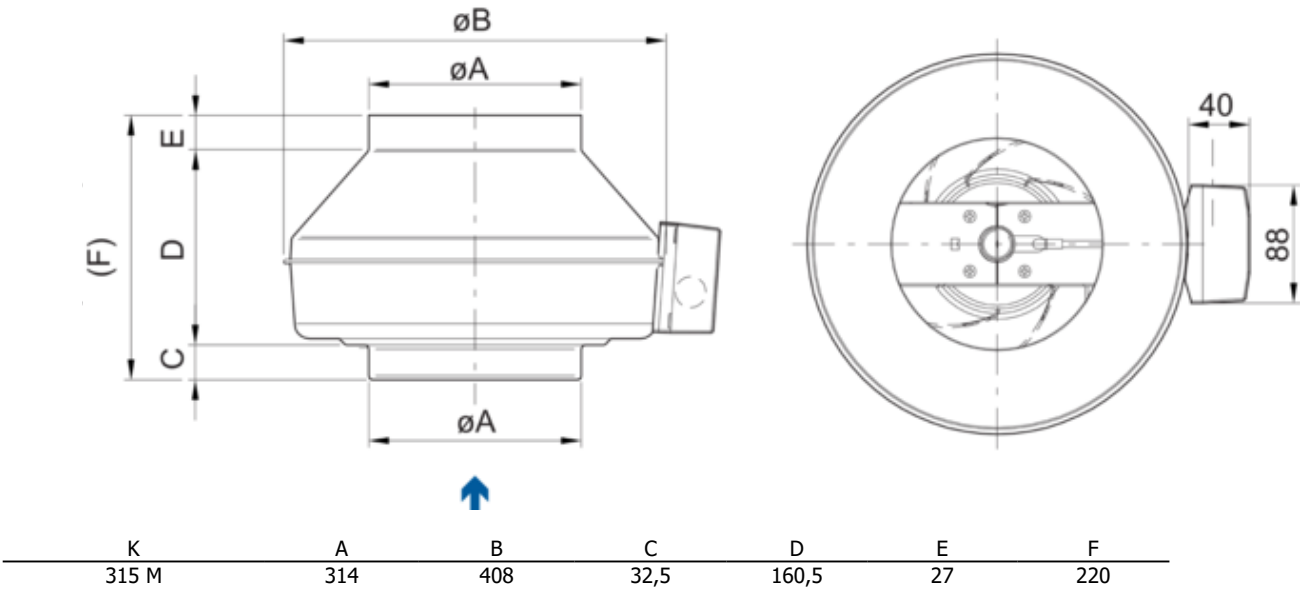
Hydraulic data

Air flow	460	cfm
Static pressure	583	Pa
Power	374	W
Speed	3147	r.p.m.
Current	1.63	A
SFP	1.72	kW/(m ³ /s)
Voltage	230	V

Acoustic data

		63	125	250	500	1k	2k	4k	8k	Tot
Inlet	dB(A)	55	66	63	66	69	67	64	59	74
Outlet	dB(A)	63	63	65	66	69	70	64	61	75
Surrounding	dB(A)	24	35	38	49	45	50	44	34	54

Dimensions



Sections not printed

- Wiring
- Accessories
- Eco design
- Specification text
- Online resources