

K 100 M SILEO

Item no. 1001

Version: 50 Hz

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Description

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

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

The fans have backward-curved blades and external rotor motors. To simplify the installation the K-fan has a fixing bracket together with screws for mounting the bracket included as standard. The FK mounting clamp (as accessorie) 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 is impedance protected. 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. The K-fans have corrosion class C3.



Technical parameters

Nominal data		
Voltage	230	V
Frequency	50	Hz
Phase	1	~
Input power (P1)	30,7	W
Current	0,177	A
Max. airflow	0,05	m³/s
R.p.m.	2407	r.p.m.
Weight	2,3	kg
Temperature data		
Max. temperature of transported air	70	°C
Max. temperature of transported air when speed-controlled	70	°C
Sound data		
Sound pressure level at 3 m	33,5	dB(A)
Protection / Classification		
Insulation class		B
Enclosure class, motor		IP44

ErP

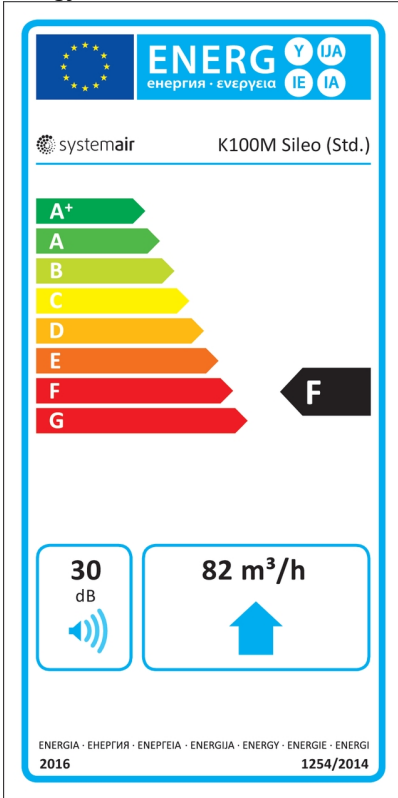
Energy class, basic unit **F**

Energy class, basic unit option **D**

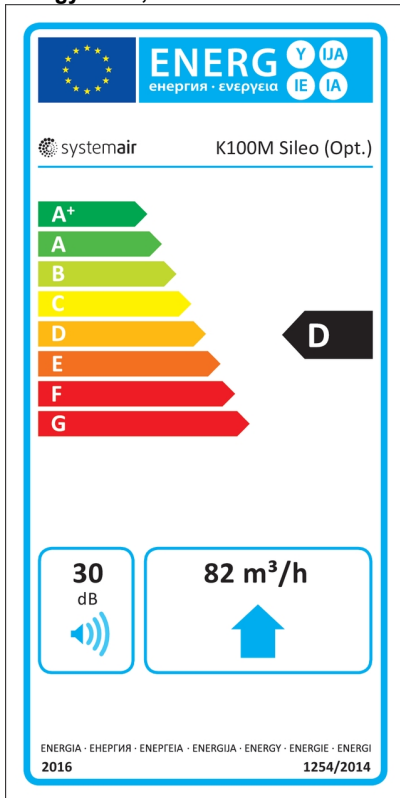
ErP ready ErP 2018

Energy class label

Energy class, basic unit

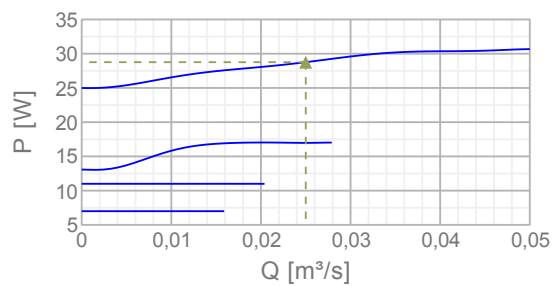
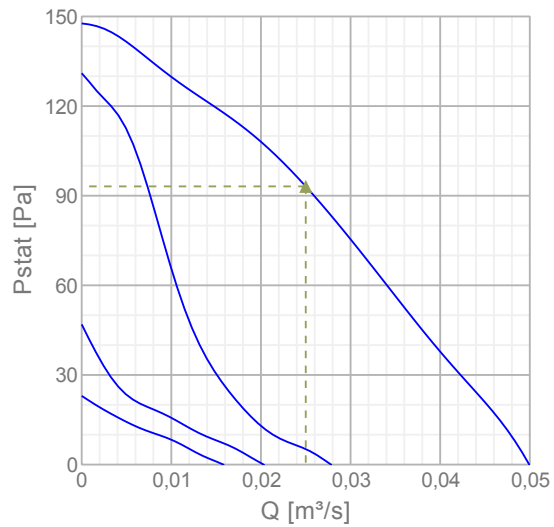


Energy class, unit with local demand control



Diagrams

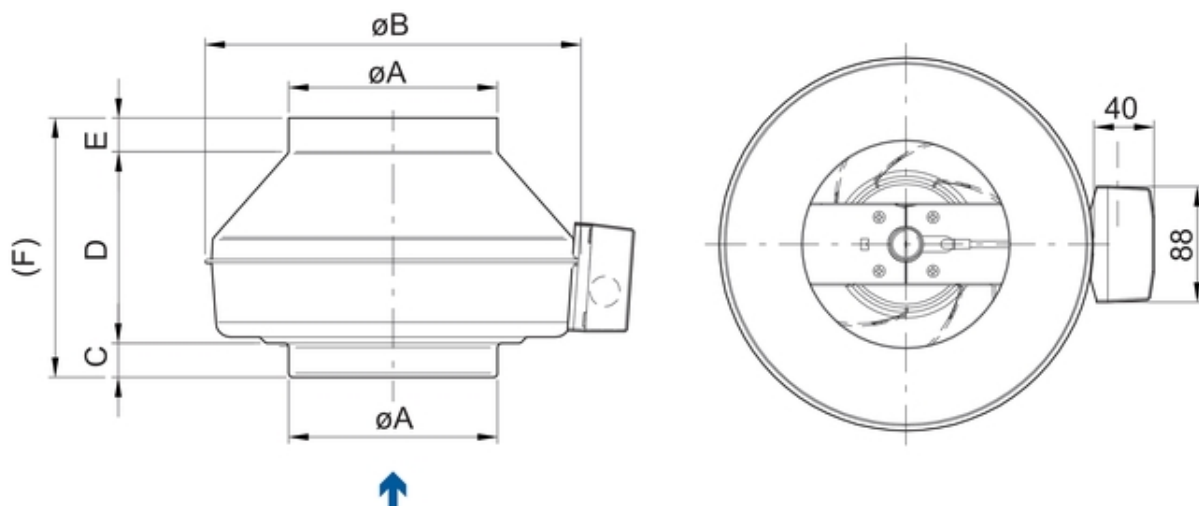
Diagrams



Max efficiency

Hydraulic data										
▲ Working air flow										0,025 m ³ /s
▲ Working static pressure										93,1 Pa
▲ Power										28,8 W
Speed										2498 r.p.m.
Current										0,169 A
SFP										1,15 W/(l/s)
Voltage										230 V
Sound power level		63	125	250	500	1k	2k	4k	8k	Tot
Inlet	dB(A)	44	56	57	57	54	47	37	24	63
Outlet	dB(A)	49	49	57	54	51	44	34	23	60
Surrounding	dB(A)	16	18	23	37	37	30	18	13	41

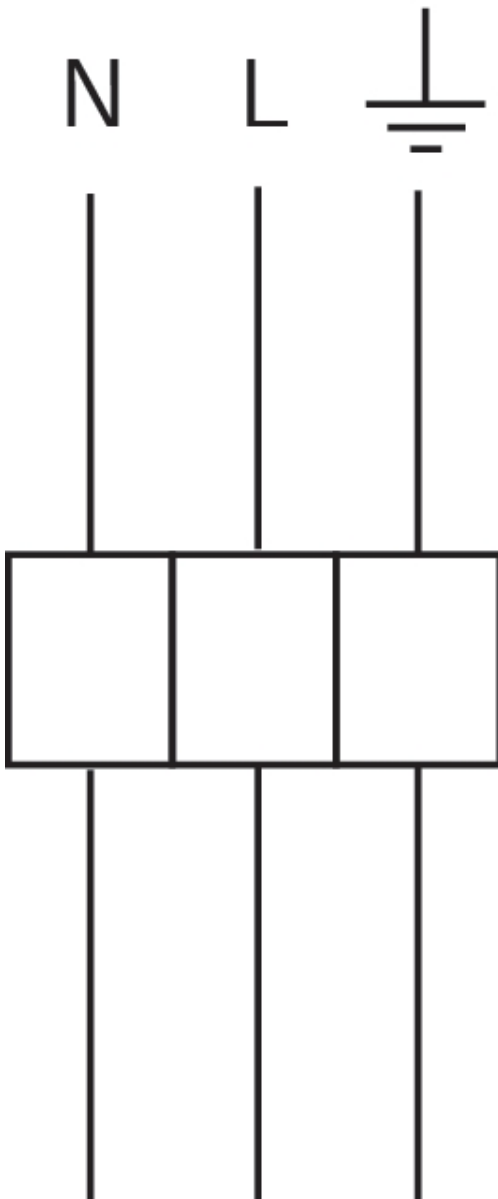
Dimensions



K	øA	øB	C	D	E	F
100 M	99	218	26	166	26	218
100 XL	99	246	26	161	26	213
125 M	124	218	27	142	27	196
125 XL	124	246	26	151	26	203
160 M	159	286	25	147	26	198
160 XL	159	336	29	166	26	221
200 M	199	336	30	148	27	205
200 L	199	336	30	174	27	231
250 M	249	336	30,5	119,5	27	177
250 L	249	336	30,5	144,5	27	202
315 M	314	408	32,5	160,5	27	220
315 L	314	408	38	161	27	225

Wiring

230V 1~



Accessories

Electric accessories

- [RE 1,5 Speed control \(5000\)](#)
- [REU 1.5 Speed control \(5004\)](#)
- [REE 1 Speed control \(5314\)](#)
- [REPT 6 Digital regulator \(5698\)](#)
- [RT 0-30 Room Thermostat \(5151\)](#)
- [CO2RT-R-D Transmitter \(6993\)](#)
- [Presence detector/IR24-P \(6995\)](#)
- [STL 1.5 Speed controller \(84251\)](#)
- [REV-3POL/03 ON/OFF \(33978\)](#)
- [FRQS-E-6A \(37419\)](#)
- [FRQ5S-E-6A \(37421\)](#)
- [DTV500A \(96807\)](#)

Accessories

[CB 100-0,4 230V/1 Duct heater \(5288\)](#)
[CB 100-0,6 230V/1 Duct heater \(5376\)](#)
[CBM 100-0,6 230V/1 Duct heater \(5479\)](#)
[VBF 100 Water heating battery \(1724\)](#)
[CWK 100-3-2,5 Duct cooler.circ \(30019\)](#)
[VBC 100-2 Water heating batt \(5456\)](#)
[LDC 100-600 Silencer \(5188\)](#)
[LDC 100-900 Silencer \(5189\)](#)
[FFR 100 Filter cassette \(1766\)](#)
[FGR 100 Filter cassette \(1802\)](#)
[FK 100 Fast clamp \(1607\)](#)
[VKK-100 Back draft damper \(1623\)](#)
[IGK-100 Wall Grid \(1630\)](#)
[RSK-100 Back draft damper \(5597\)](#)
[SG 100 Protection guard \(5606\)](#)
[LDC 100-300 Silencer \(8180\)](#)
[LDC 100-1200 Silencer \(5996\)](#)
[THB 160 Hood w. cover pl. Red \(2034\)](#)
[THB 160 Hood w.cover pl. black \(1764\)](#)
[THS 160 Hood w.cover pl. black \(1839\)](#)
[THS 160 Hood w. cover pl. Red \(2044\)](#)
[VBC 100-3 Water heating batt \(9838\)](#)

Documentation



202341_Fans_Instructions_CE_A010.pdf (1,83MB)



Certificate S-mark K 1211224.pdf (1,32MB)



K fan mounting.wmv (3,48MB)