

KV 125 M SILEO

Item no. 1208

Version: 50 Hz

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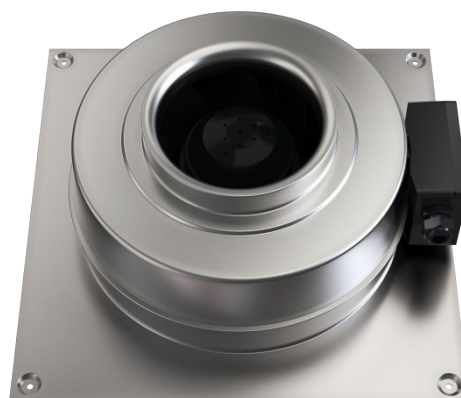


Description

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

The KV series is designed for installation in ducts. All KV-fans have minimum 25 mm long spigot connections. The FK mounting clamp facilitates easy installation and removal, and prevents the transfer of vibration to the duct. The fans have backward-curved blades and external rotor motors. KV fans can be speed-controlled via a stepless thyristor or a 5-step transformer. To protect the motor from overheating the KV 100 M and KV 125 M fans are impedance protected.

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



Technical parameters

Nominal data		
Voltage	230	V
Frequency	50	Hz
Phase	1	~
Input power (P1)	29,2	W
Current	0,171	A
Max. airflow	0,0608	m³/s
R.p.m.	2489	r.p.m.
Weight	2,1	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	38	dB(A)
Protection / Classification		
Insulation class	B	
Enclosure class, motor	IP44	

ErP

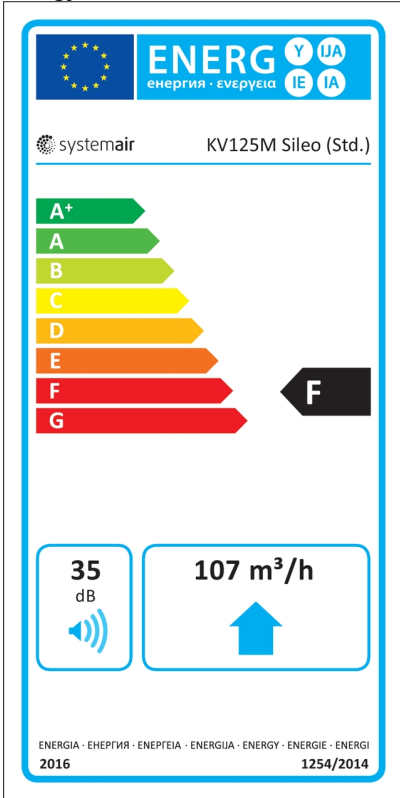
Energy class, basic unit **F**

Energy class, basic unit option **C**

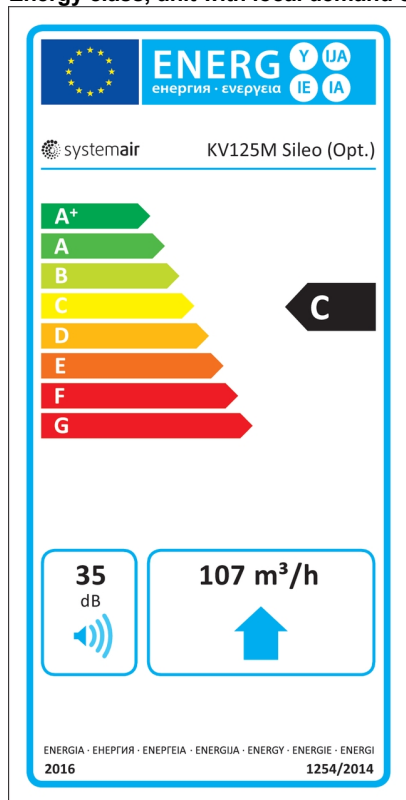
ErP ready ErP 2018

Energy class label

Energy class, basic unit

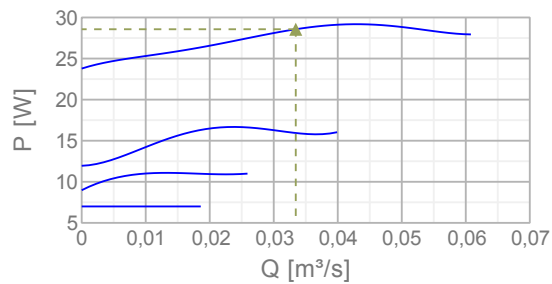
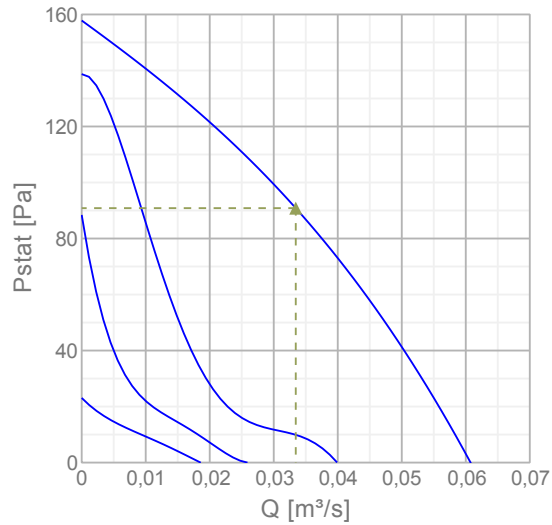


Energy class, unit with local demand control



Diagrams

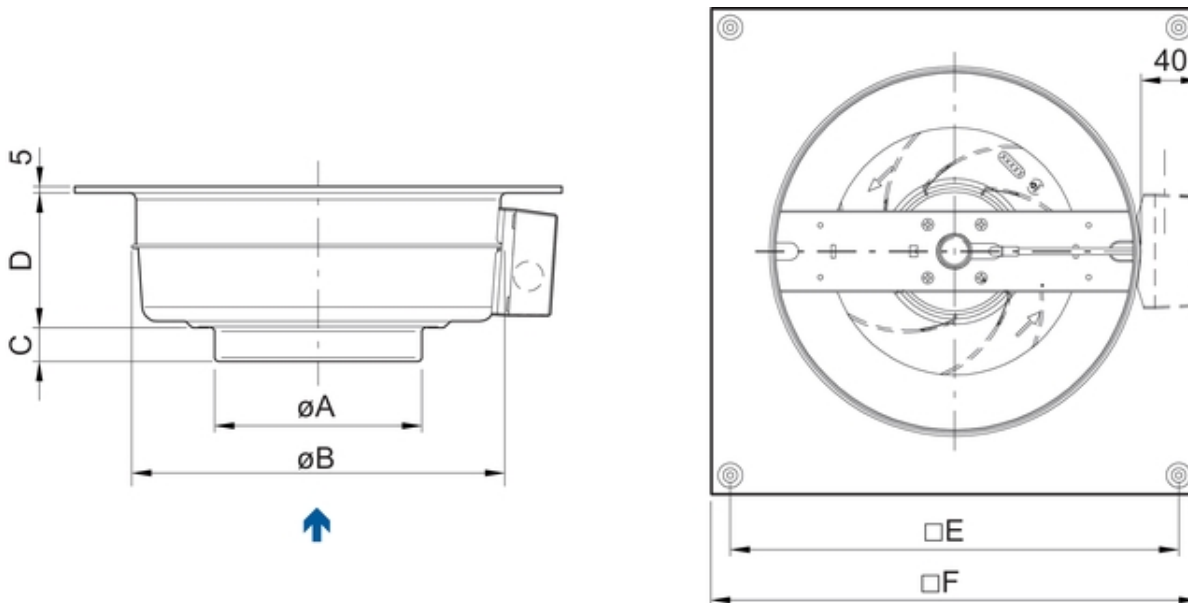
Diagrams



Max efficiency

Hydraulic data										
▲ Working air flow										0,0334 m ³ /s
▲ Working static pressure										90,8 Pa
▲ Power										28,6 W
Speed										2497 r.p.m.
Current										0,168 A
SFP										0,854 W/(l/s)
Voltage										230 V
Sound power level		63	125	250	500	1k	2k	4k	8k	Tot
Inlet	dB(A)	36	54	55	53	52	47	32	19	60
Outlet	dB(A)	13	43	47	52	53	52	40	33	58
Surrounding	dB(A)	14	27	23	41	41	38	21	11	45

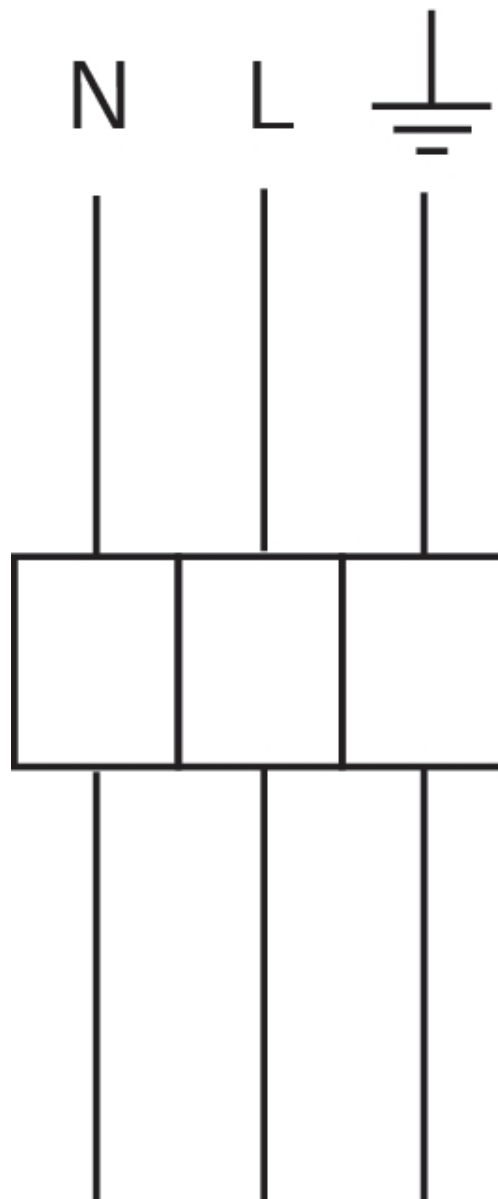
Dimensions



	øA	øB	C	D	□E	□F
KV 125	124	218	27	131	254	284

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 \(6995\)](#)

[DTV200 \(6261\)](#)

[STL 1.5 Speed controller \(84251\)](#)

[REV-3POL/03 ON/OFF \(33978\)](#)

[DTV500A \(96807\)](#)

Accessories

[CBM 125-1,2 230V/1 Duct heater \(5480\)](#)

[CWK 125-3-2,5 Duct cooler.circ \(30021\)](#)

[VBC 125-2 Water heating batt \(5457\)](#)

[LDC 125-600 Silencer \(5190\)](#)

[LDC 125-900 Silencer \(5191\)](#)

[FFR 125 Filter cassette \(1768\)](#)

[FGR 125 Filter cassette \(1804\)](#)

[FK 125 Fast clamp \(1608\)](#)

[VKK-125 Back draft damper \(1624\)](#)

[IGK-125 Wall Grid \(1631\)](#)

[RSK-125 Back draft damper \(5598\)](#)

[SG 125 Protection guard \(5607\)](#)

[VK-20 Louvre shutter \(5639\)](#)

[LDC 125-1200 Silencer \(5997\)](#)

[VBC 125-3 Water heating batt \(9839\)](#)

[LDC 125-300 Silencer \(53722\)](#)

Documentation



202341_Fans_Instructions_CE_A010.pdf (1,83MB)



Certificate S-mark KV 1211222.pdf (1,33MB)

Specification text

KV 125M Circular duct fan
DN125, 230V50Hz, 1~, imp. backw. curved

Circular duct fan for wall mounting, easy and direct installation in ducts.

Galvanized sheet steel housing.

Circular connection spigot, length 25mm, acc. to EN1506:1997

Free-running, backward curved centrifugal impeller made of plastic.

Balancing made to G 6.3, motor compl. with impeller statically and dynamically balanced in two planes acc. to DIN ISO 1940 T.1.

Voltage controllable external rotor motor, maintenance-free, the motor is placed inside the air flow for cooling. Integral thermal contacts with manual reset acc. to EN 60335-2-80, speed-controlled via a 5-step transformer or a stepless thyristor. Silent, long-life ball bearings. Terminal box (IP55) on the casing.

Mounting brackets included in delivery.

For indoor, outdoor installation as well as in wet areas.

Air leakage class C acc. to EN 12237:2003.

Installation in any mounting position.

PRODUCT: SYSTEMAIR

TYPE: KV 125M

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