

KV 125 M SILEO

Артикул 1208

Версия: 50 Hz

Тип документа: **Технический паспорт**

Дата создания: **2016-01-29**

Создано с помощью: **Systemair Онлайн Каталог**



Описание

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

The KV sileo 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 sileo fans can be speed-controlled via a stepless thyristor or a 5-step transformer. To protect the motor from overheating the KV sileo 100 M and KV sileo 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.

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

The KV sileo 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 sileo 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.

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Технические данные

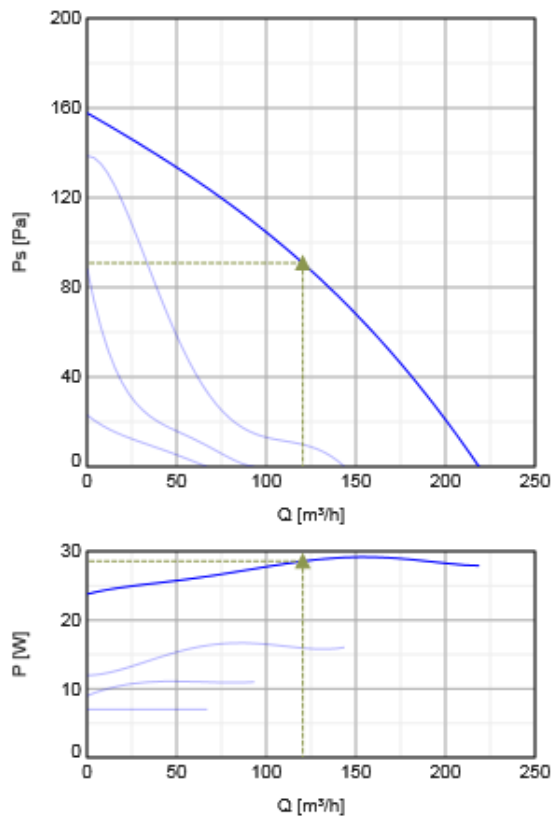
Номинальные параметры		
Напряжение	230	В
Частота	50	Гц
Фазность	1	~
Входная мощность (P1)	29,2	Вт
Ток	0,171	А
Макс. расход воздуха	219	м³/ч
Частота вращения	2489	1/мин
Максимальная температура перемещаемого воздуха	70	°С
Максимальная температура перемещаемого воздуха при регулировании	70	°С
Уровень звукового давления на расстоянии 3м (20м² Сэбин)	38	дБ(А)
Вес	2,1	кг
Класс изоляции	В	
Класс защиты двигателя	44	IP



ErP	
Energy class, basic unit	F
Energy class, basic unit option	C
ErP ready	2016, 2018

Характеристики

Диаграммы



Гидравлические данные

	Рабочая точка						
	Q [м³/ч]	Ps [Па]	P [Вт]	n [1/мин]	I [А]	SFP [кВт/м³/с]	U [В]
Макс. эффективнос	▲ 120	▲ 90.8	▲ 28.6	2497	0.168	0.854	230

Акустические данные

Уровень звук. мощности	63	125	250	500	1k	2k	4k	8k	Общ.
Вход									
Выход									
К окружению									

Размеры

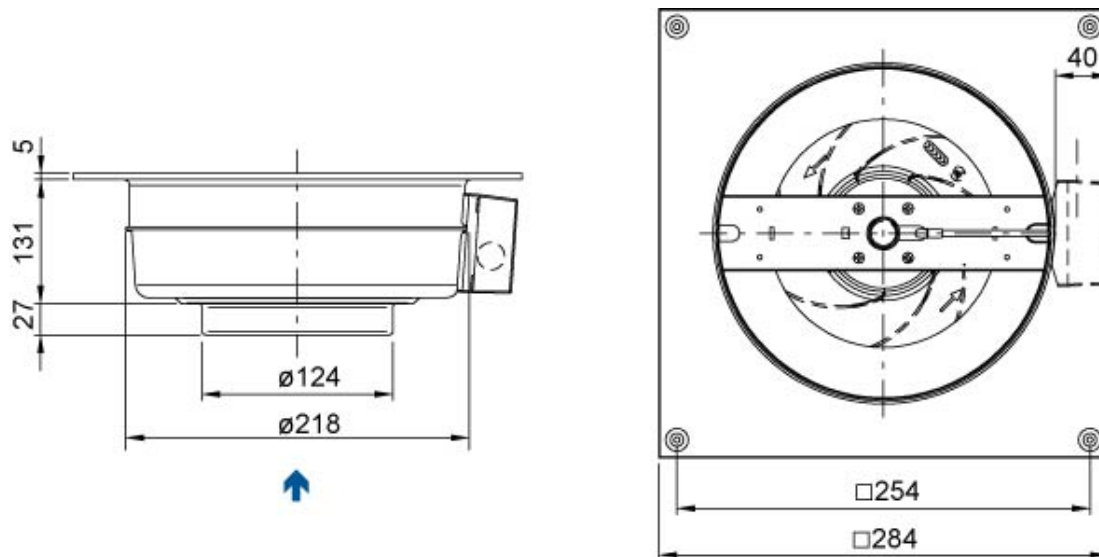
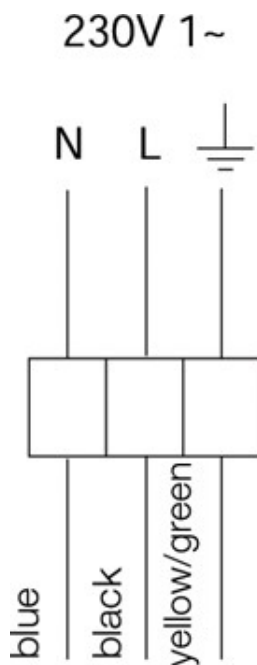


Схема подключения

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Принадлежности

Электрические принадлежности


- CO2RT-R-D Transmitter (6993)
- Presence detector/IR24-P (6995)
- REV-3POL/03 ON/OFF (33978)
- REE 1 Speed control (5314)
- RT 0-30 Room Thermostat (5151)
- DTV500-OEM incl connection kit (5044)
- HR1 Room Humidistat IP21 (5150)
- T 120 Timer (5165)
- REPT 6 Digital regulator (5698)
- REU 1.5 Speed control (5004)
- RE 1,5 Speed control (5000)


Принадлежности


- VBC 125-2 Water heating batt (5457)
- LDC 125-1200 Silencer (5997)
- VBC 125-3 Water heating batt (9839)
- RSK-125 Back draft damper (5598)
- SG 125 Protection guard (5607)
- VK-20 Louvre shutter (5639)
- LDC 125-600 Silencer (5190)
- LDC 125-900 Silencer (5191)
- CBM 125-1,2 230V/1 Duct heater (5480)

CWK 125-3-2,5 Duct cooler,circ (30021)
FGR 125 Filter cassette G3 (1804)
FFR 125 Filter cassette (1768)
IGK-125 Wall Grid (1631)
FK 125 Fast clamp (1608)
VKK-125 Back draft damper (1624)

Документация

 202341_Fans_Instructions_CE_A004.pdf (1,68MB)

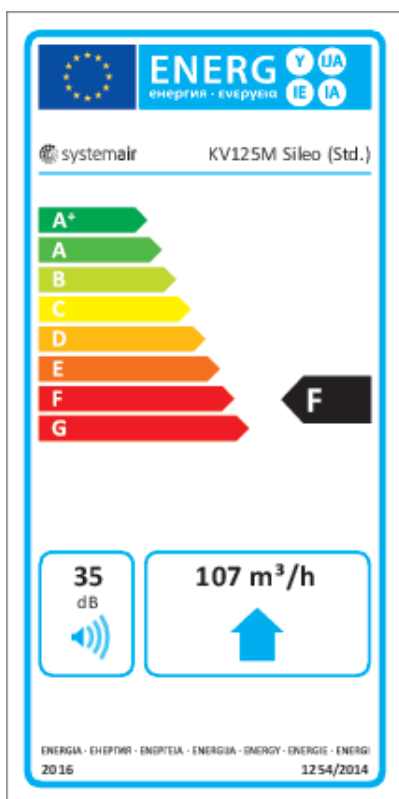
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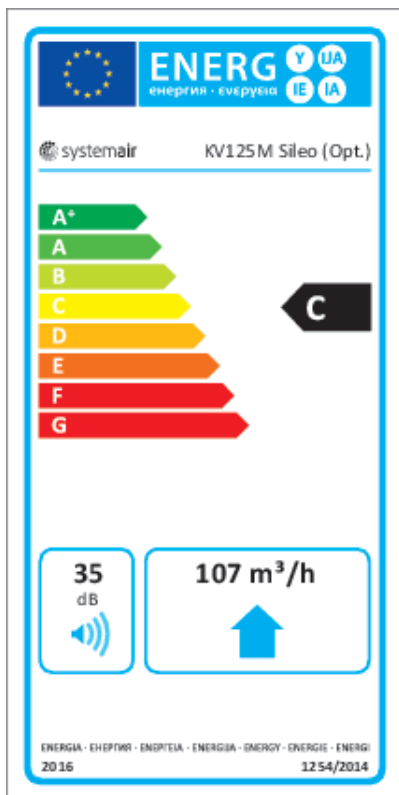
 Certificate S-mark KV 1211222.pdf (1,33MB)

Energy class label

Energy class, basic unit



Energy class, basic unit option



Eco design

Basic unit	
Trade name	Systemair
Product name	KV 125 M Sileo
ErP compliance	2018
SEC Average	-9,34 kWh/(m².a)
SEC Cold	-25,7 kWh/(m².a)
SEC Warm	0,0544 kWh/(m².a)
SEC Class	F
Unit category	RVU
Unit type	UVU
Drive	External MSD or VSD
Heat recovery type	None
Temperature ratio (UVU)	Not applicable
qv max	107 m³/h
P max	28 Вт
Звуковая мощность	35 дБ(A)
qv ref	75 m³/h
Ps ref	50 Па
SPI	0,249 кВт/м³/с
CTRL	1 -
MISC	1,1 -
x-value	1,5 -
External Leakage	5 %

AEC average	312	kWh
AEC cold	312	kWh
AEC warm	312	kWh
AHS Average	1715	kWh/a
AHS Cold	3355	kWh/a
AHS Warm	776	kWh/a

Units with local demand control

Trade name	Systemair	
Product name	KV 125 M Sileo	
ErP compliance	2018	
SEC Average	-24,2	kWh/ (m ² .a)
SEC Cold	-51,3	kWh/ (m ² .a)
SEC Warm	-8,7	kWh/ (m ² .a)
SEC Class	C	
Unit category	RVU	
Unit type	UVU	
Drive	External MSD or VSD	
Heat recovery type	None	
Temperature ratio (UVU)	Not applicable	
qv max	107	м ³ /ч
P max	28	Вт
Звуковая мощность	35	дБ(А)
qv ref	75	м ³ /ч
Ps ref	50	Па
SPI	0,249	кВт/м ³ /с
CTRL	0,65	-
MISC	1,1	-
x-value	1,5	-
External Leakage	5	%
AEC average	164	kWh
AEC cold	164	kWh
AEC warm	164	kWh
AHS Average	2830	kWh/a
AHS Cold	5536	kWh/a
AHS Warm	1280	kWh/a

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

Item no. 1208