

# KVK Silent 250 EC

Article number: 92171

Variant : 230V 1~ 50Hz



## Description

- Low sound level, thick and high density insulation
- Compact design, easy installation
- Easy maintenance, service cover
- Air tight design
- High efficiency and low SFP in a real working point
- Potentiometer included, possible to speed control 0-100%
- Simple to install, mounting brackets included
- Integrated motor protection
- Aluzinc casing, C4 corrosion class

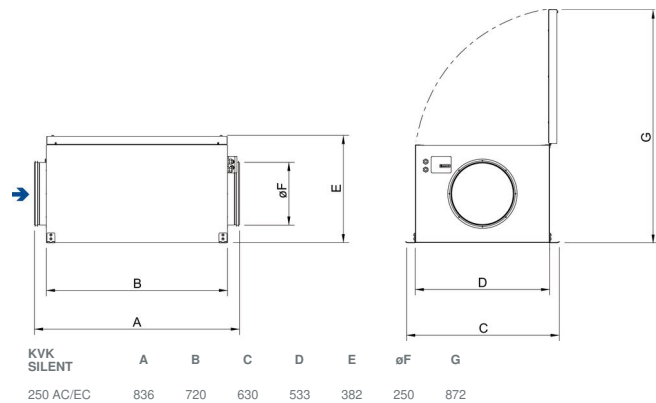
KVK Silent EC is a box fan with circular duct connections. The casing is insulated with thick and high density mineral wool insulation. The casing is manufactured from Aluzinc in corrosion class C4. A service cover with screw connection and hinges...

Find more details in our online catalogue

## Technical parameters

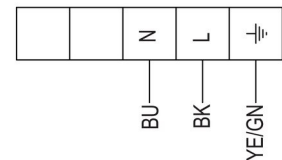
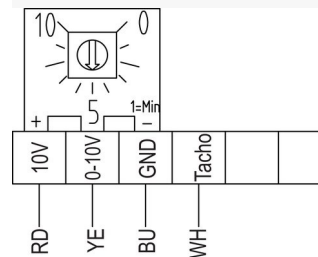
Nominal data	
Voltage (nominal)	230 V
Frequency	50 Hz
Phase(s)	1~
Input power	168 W
Input current	1.17 A
Impeller speed	1,823 r.p.m.
Air flow	max ; 1,638; m <sup>3</sup> /h
Temperature of transported air	max 60 °C
Max temperature of transported air, when speed controlled	60 °C
Sound data	
Sound pressure level at 3m (20m <sup>2</sup> Sabin)	43 dB(A)
Protection/Classification	
Enclosure class, motor	IP44
Insulation class	F
Data according to ErP	
ErP ready	ErP 2018
Dimensions and weights	
Duct dimension; Circular, inlet	250 mm
Duct dimension; Circular, outlet	250 mm
Weight	27.45 kg
Others	
Duct connection type	Circular
Motor type	EC

## Dimension

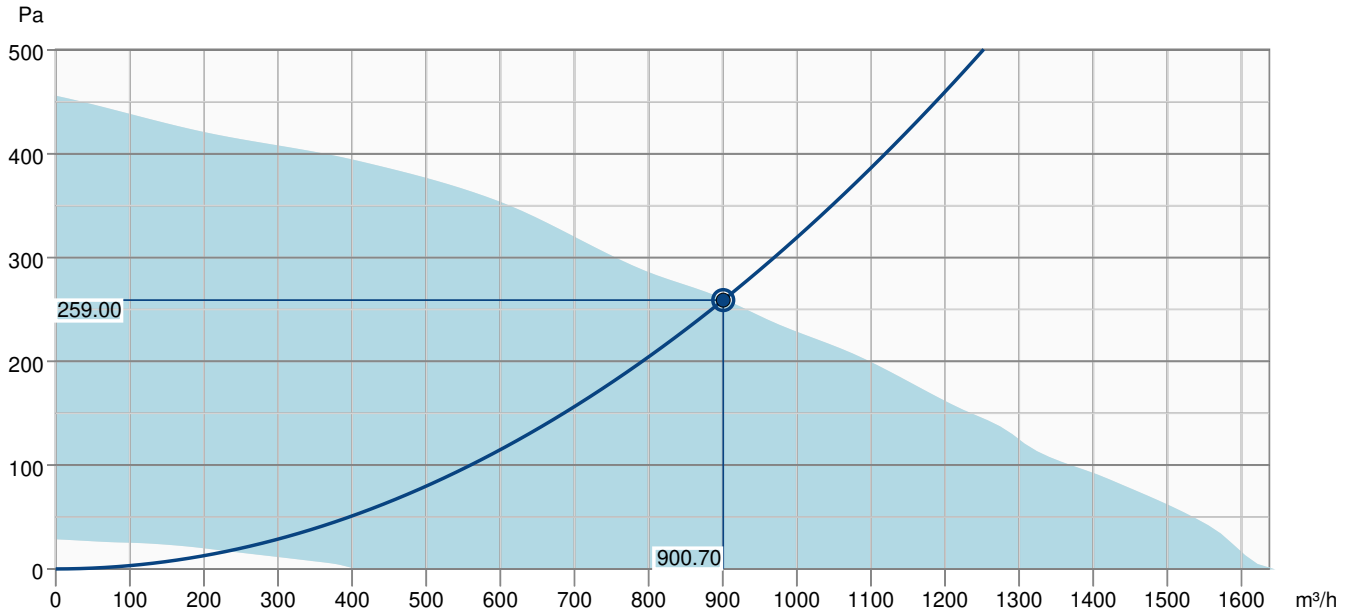


## Wiring

- RD Red
- YE Yellow
- BU Blue
- WH White
- GN Green
- BN Brown
- BK Black



## Performance curve



Hydraulic data										
Required air flow										901 m³/h
Required static pressure										259 Pa
Working air flow										901 m³/h
Working static pressure										259 Pa
Air density										1.204 kg/m³
Power										164.5 W
Fan control - RPM										1828 rpm
Current										1.14 A
SFP										0.658 kW/m³/s
Control voltage										10.0 V
Supply voltage										230 V
Sound power level		63	125	250	500	1k	2k	4k	8k	Total
Inlet	dB(A)	55	64	63	54	49	46	43	38	67
Outlet	dB(A)	49	66	65	60	63	61	55	51	71
Surrounding	dB(A)	29	42	48	40	38	32	34	26	50
Sound pressure level at 3m (20m² Sabine)	dB(A)	-	-	-	-	-	-	-	-	43
Sound pressure level at 3m free field	dB(A)	-	-	-	-	-	-	-	-	29

## Accessories

CXE/AVC Modbus (37256)

EC-Basic-H humidity (24807)

EC-Basic-U universal 0-10V (24806)

EC-Vent control board (3115)

MTP 10, 10K, Speed control (32731)

MTV-1/010 Controller 0..10V+ (30650)

S-5EC/FRQ (76738)

VKK-250 Back draft damper (1627)

CO2RT-R-D Transmitter (6993)

Presence detector/IR24-P (6995)

Safety switch 2-pole grey (210679)

CBM 250-6,0 400V/2 Duct heater (9089)

CBMF 250-6,0 400V/2 Duct heater (12249)

FFR 250 Filter cassette (1776)

FK 250 Fast clamp (1612)

RSK-250 Back draft damper (5603)

THS 200 Hood w.cover pl. black (134466)

VBC 250-3 Water heating batt (9843)

VK-25 Louvre shutter (5640)

EC-Basic-CO2 and temperature (24808)

EC-Basic-T temperature (24805)

EC-Selector (9908)

EC-Vent Room Unit (3018)

MTP 20, on/off, 3-step (310220)

REV-3POL/03-7,5kW R/Y (33978)

SG 250 Protection guard (5610)

CB 250-6,0 400V/2 Duct heater (5372)

HR1 Room Humidistat (215150)

RT 0-30 Room Thermostat (5151)

CB 250-9,0 400V/3 Duct heater (5373)

CBMF 250-3,0 230V/1 Duct heater (12248)

CWK 250-3-2,5 Duct cooler, circ (30024)

FGR 250 Filter cassette (1815)

LDC 250-900 Silencer (5196)

THB 200 Hood w.cover pl. black (134465)

VBC 250-2 Water heating batt (5460)

VBF 250 Water heating battery (1733)

Room hygrostat HR-S (286251)

## Documents

KVK\_SILENT\_SLIM\_OPERATING\_MAINTENANCE\_145899\_CE\_EN\_A007.PDF