

KVK Silent 200 EC

Article number: 92170

Variant : 230V 1~ 50/60Hz



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

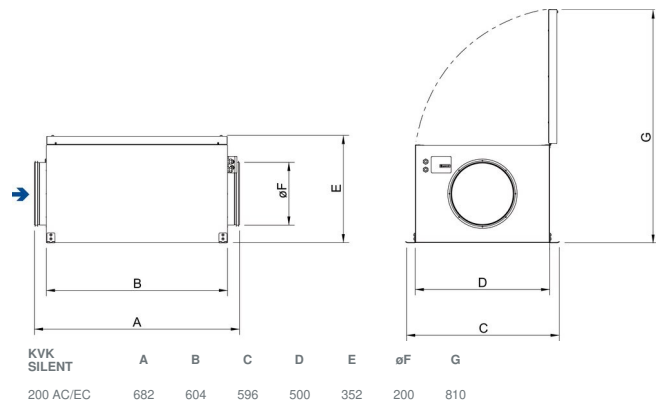
KVK Silent EC is a box fan with circular duct connections. The casing is insulated with thick and high density mineral wool insulation. The casing is manufactured from Aluzinc in corrosion class C4. A service cover with screw connection and hinges...

Find more details in our online catalogue

Technical parameters

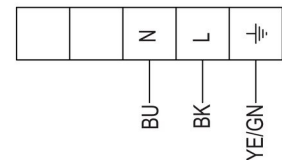
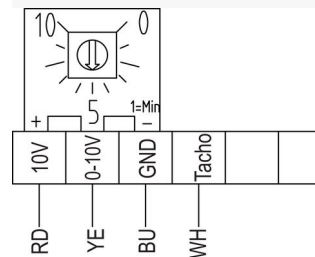
Nominal data	
Voltage (nominal)	230 V
Frequency	50; 60 Hz
Phase(s)	1~
Input power	120 W
Input current	0.929 A
Impeller speed	2,479 r.p.m.
Air flow	max 932 m ³ /h
Temperature of transported air	max 60 °C
Max temperature of transported air, when speed controlled	60 °C
Sound data	
Sound pressure level at 3m (20m ² Sabin)	42 dB(A)
Protection/Classification	
Enclosure class, motor	IP54
Insulation class	B
Data according to ErP	
Energy class, Basic unit	E
Energy class, Local demand	B
ErP ready	ErP 2018
Dimensions and weights	
Duct dimension; Circular, inlet	200 mm
Duct dimension; Circular, outlet	200 mm
Weight	21 kg
Others	
Duct connection type	Circular
Motor type	EC

Dimension

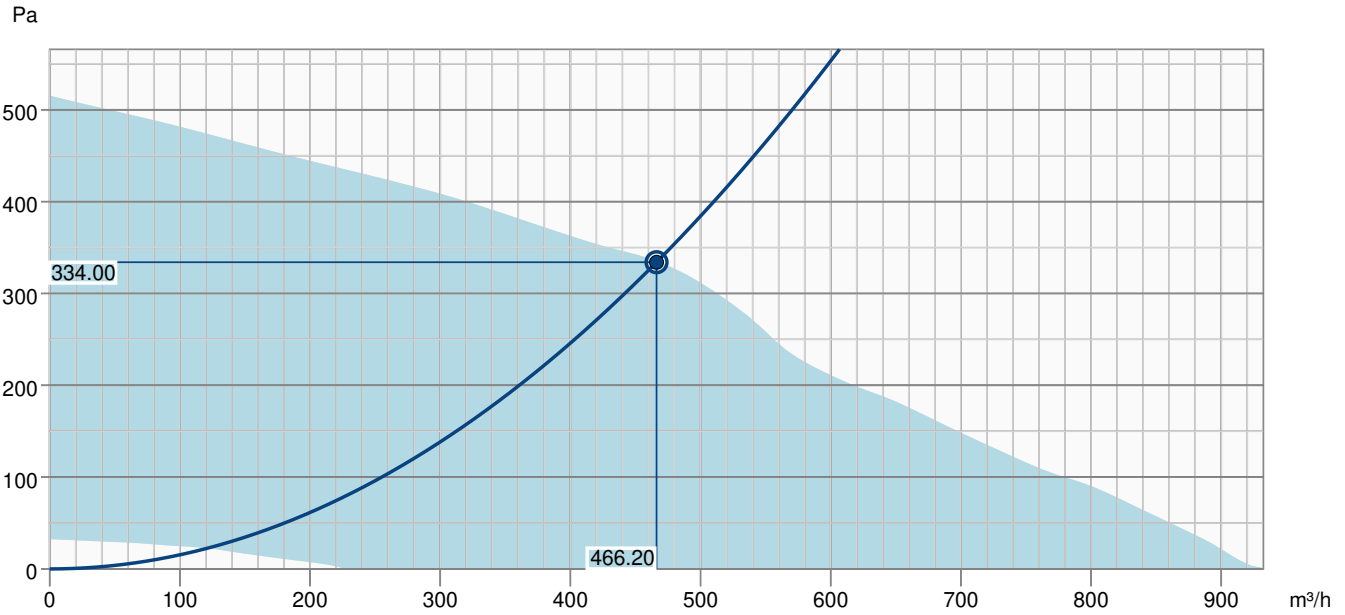


Wiring

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



Performance curve



Hydraulic data										
Required air flow		466 m³/h								
Required static pressure		334 Pa								
Working air flow		466 m³/h								
Working static pressure		334 Pa								
Air density		1.204 kg/m³								
Power		117.6 W								
Fan control - RPM		2546 rpm								
Current		0.91 A								
SFP		0.908 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)	53	56	62	56	49	47	45	44	64
Outlet	dB(A)	51	54	63	60	58	60	53	45	67
Surrounding	dB(A)	29	33	47	42	40	29	27	29	49
Sound pressure level at 3m (20m² Sabine)	dB(A)	-	-	-	-	-	-	-	-	42
Sound pressure level at 3m free field	dB(A)	-	-	-	-	-	-	-	-	28

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-200 Back draft damper (1626)

HR1 Room Humidistat (215150)

Presence detector/IR24-P (6995)

Safety switch 2-pole grey (210679)

CB 200-2,1 230V/1 Duct heater (5384)

CB 200-3,0 400V/2 Duct heater (5294)

CBM 200-5,0 400V/2 Duct heater (5483)

CBMF 200-5,0 400V/2 Duct heater (12246)

FFR 200 Filter cassette (1773)

FK 200 Fast clamp (1611)

LDC 200-600 Silencer (5194)

RSK-200 Back draft damper (5602)

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

VBC 200-3 Water heating batt (9841)

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 200 Protection guard (5609)

CO2RT-R-D Transmitter (6993)

IGK-200 Wall Grid (1633)

RT 0-30 Room Thermostat (5151)

VBF 200 Water heating battery (1732)

CB 200-3,0 230V/1 Duct heater (5370)

CB 200-5,0 400V/2 Duct heater (5371)

CBMF 200-3,0 230V/1 Duct heater (12245)

CWK 200-3-2,5 Duct cooler, circ (30023)

FGR 200 Filter cassette (1812)

LDC 200-300 Silencer (53369)

LDC 200-900 Silencer (5195)

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

VBC 200-2 Water heating batt (5459)

Room hygrostat HR-S (286251)

Documents

KVK_SILENT_SLIM_OPERATING_MAINTENANCE_145899_CE_EN_A007.PDF