


Insulated radial fan for limited spaces

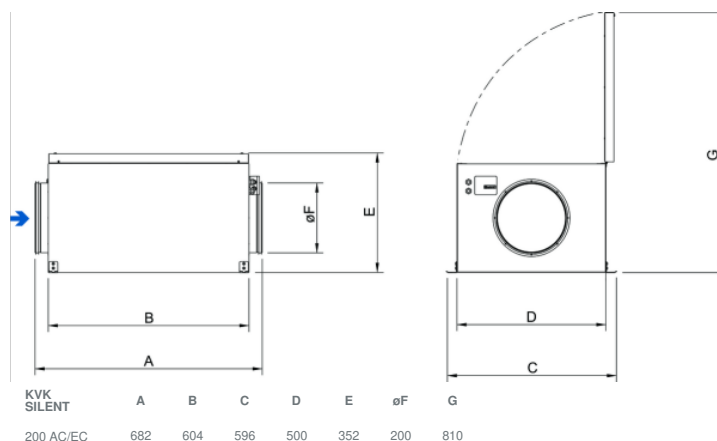
- Design for limited installation height
- Very low noise, acoustic and thermal insulation
- Corrosion resistance of casing C4
- Indoor and outdoor installation
- Easy maintenance, service cover

[Find more details in our online catalogue](#)

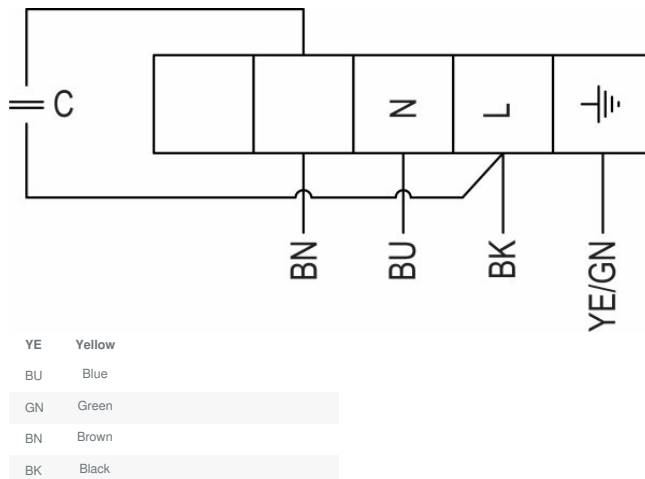
Technical parameters

Nominal data	
Voltage (nominal)	230 V
Frequency	50 Hz
Phases	1~
Input power	105 W
Input current	0.465 A
Impeller speed	2,439 rpm
Air flow	max 0.205 m³/s
Capacitance of capacitor	2.5 µF
Temperature of transported air	max 70 °C
Max temperature of transported air, when speed controlled	70 °C
Sound data	
Sound pressure level at 3m (20m² Sabin)	40 dB(A)
Protection/Classification	
Enclosure class, motor	IP44
Insulation class	F
Data according to ErP	
Energy class, Basic unit	E
Energy class, Local demand	C
ErP ready	ErP 2018
Dimensions and weights	
Duct dimension; Circular, inlet	200 mm
Duct dimension; Circular, outlet	200 mm
Weight	21.1 kg
Others	
Duct connection type	Circular
Motor type	AC

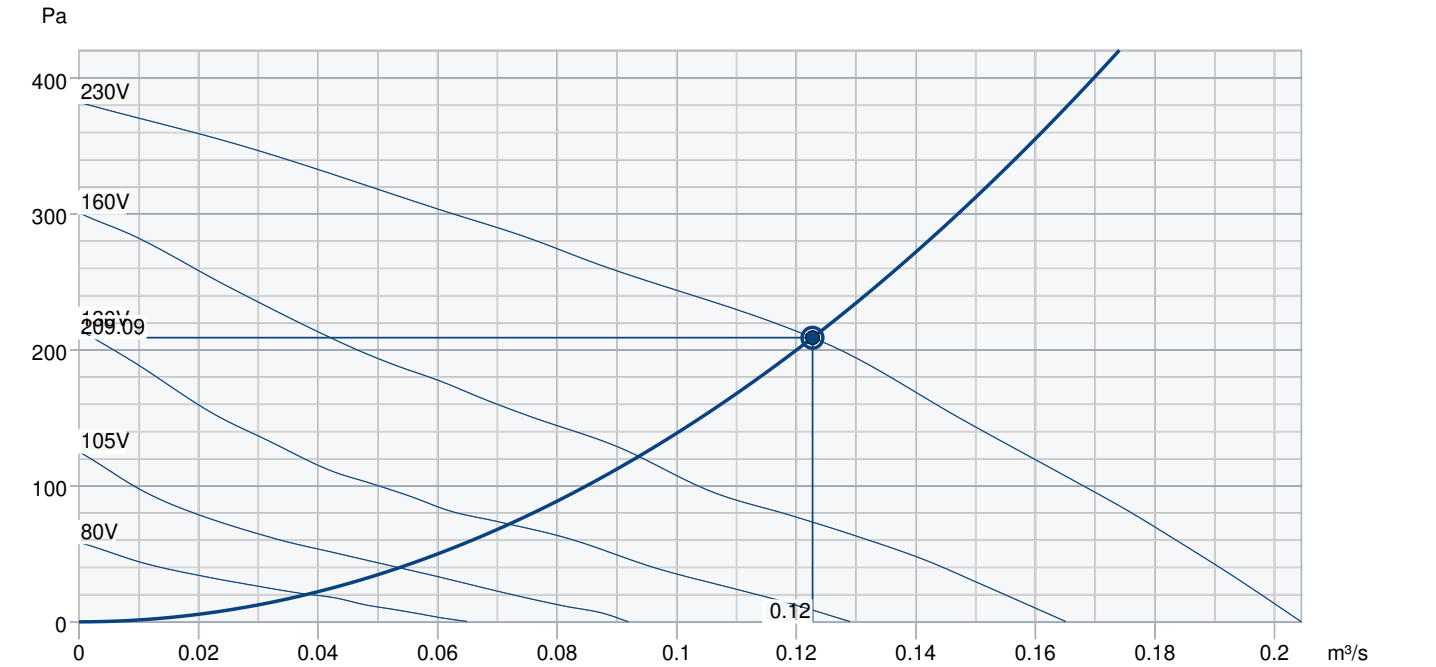
Dimension



Wiring



Performance curve



Hydraulic data										
Required air flow		0.12 m³/s								
Required static pressure		209 Pa								
Working air flow		0.12 m³/s								
Working static pressure		209 Pa								
Air density		1.204 kg/m³								
Power		103.1 W								
Fan control - RPM		2,444 rpm								
Current		0.46 A								
SFP		0.840 kW/m³/s								
Control voltage		230.0 V								
Supply voltage		230 V								
Sound power level		63	125	250	500	1k	2k	4k	8k	Total
Inlet	dB(A)	51	56	62	54	47	45	43	40	64
Outlet	dB(A)	48	51	60	58	55	57	51	40	65
Surrounding	dB(A)	24	34	45	39	34	31	33	33	47
Sound pressure level at 3m (20m² Sabine)	dB(A)	-	-	-	-	-	-	-	-	40
Sound pressure level at 3m free field	dB(A)	-	-	-	-	-	-	-	-	26

Accessories

Frequency converter FRQ5SE-6A (37421)	RE 1,5 Speed control (5000)
REE 1 Speed control (5314)	REPT 6 Digital regulator (5698)
RETP 6 Temp/Pressure regulator (32293)	REU 1.5 Speed control (5004)
REV-5POL/05-7,5kW R/Y (33979)	SG 200 Protection guard (5609)
VKK-200 Back draft damper (1626)	DTV500A (96807)
Frequency converter FRQSE-6A (37419)	HR1 Room Humidistat (215150)
IGK-200 Wall Grid (1633)	Presence detector/IR24-P (6995)
RT 0-30 Room Thermostat (5151)	VBF 200 Water heating battery (1732)
CB 200-2,1 230V/1 Duct heater (5384)	CB 200-3,0 230V/1 Duct heater (5370)
CB 200-3,0 400V/2 Duct heater (5294)	CB 200-5,0 400V/2 Duct heater (5371)
CBM 200-5,0 400V/2 Duct heater (5483)	CBMF 200-3,0 230V/1 Duct heater (12245)
CBMF 200-5,0 400V/2 Duct heater (12246)	CWK 200-3-2,5 Duct cooler, circ (30023)
FFR 200 Filter cassette (1773)	FGR 200 Filter cassette (1812)
FK 200 Fast clamp (1611)	LDC 200-600 Silencer (5194)
LDC 200-900 Silencer (5195)	RSK-200 Back draft damper (5602)
THB 200 Hood w.cover pl. black (134465)	THS 200 Hood w.cover pl. black (134466)
VBC 200-2 Water heating batt (5459)	VBC 200-3 Water heating batt (9841)
VK-20 Louvre shutter (5639)	

Documents

INSTALLATION_OPERATION_AND_MAINTENANCE_INSTRUCTION_KV_DUO_KVK_DUO_KVK_EN.PDF
COMMISSIONING_RECORD_FANS_EN.PDF