



KVK SLIM 250 EC

Item no. 92153

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Description

- Slim design, easy to install
- Easy maintenance, service cover
- Low sound level, insulated cover
- 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 Slim is a box fan with circular duct connections. The lid is insulated to keep a low sound level. The fan can be installed in any position. The casing is manufactured from Aluzinc in corrosion class C4.

KVK Slim EC is delivered with integrated motor protection and pre-wired potentiometer (0-10V) that allows you to easily find the desired working point. The fan can be demand controlled via sensors for CO2, temperature, humidity, presence indication and VAV. Size 315-500 also offers possibility to communication via Modbus.

The FK mounting clamp (accessory) facilitates easy installation and removal and prevents the transfer of vibration to the duct.



Technical parameters

Nominal data		
Voltage	230	V
Frequency	50/60	Hz
Phase	1	~
Input power (P1)	170	W
Current	1,16	A
Max. airflow	0,458	m³/s
R.p.m.	1817	r.p.m.
Weight	13,6	kg
Temperature data		
Max. temperature of transported air	60	°C
Max. temperature of transported air when speed-controlled	60	°C
Sound data		
Sound pressure level at 3 m	50,6	dB(A)
Protection / Classification		
Insulation class	F	
Enclosure class, motor	IP44	

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Call: [0845 6880112](tel:08456880112)
 Email: info@adremit.co.uk

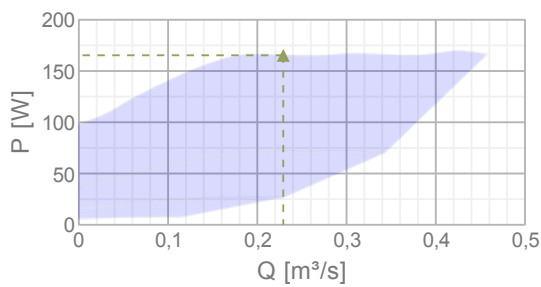
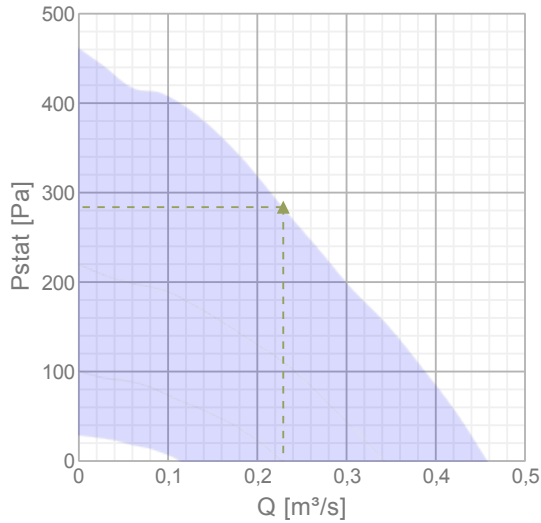
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Diagrams

Diagrams



Max efficiency

Hydraulic data											
▲ Working air flow										0,229 m ³ /s	
▲ Working static pressure										284 Pa	
▲ Power										165 W	
Speed										1858 r.p.m.	
Current										1,14 A	
SFP										0,722 W/(l/s)	
Voltage										230 V	
Sound power level			63	125	250	500	1k	2k	4k	8k	Tot
Inlet	dB(A)		54	67	66	66	62	59	55	48	72
Outlet	dB(A)		52	67	68	61	59	60	56	50	72
Surrounding	dB(A)		40	51	52	52	48	45	43	37	58

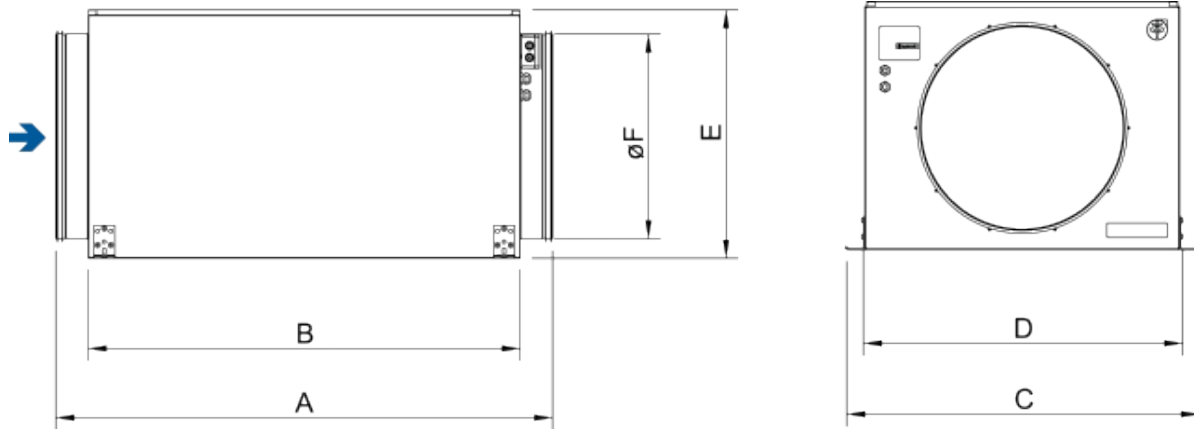
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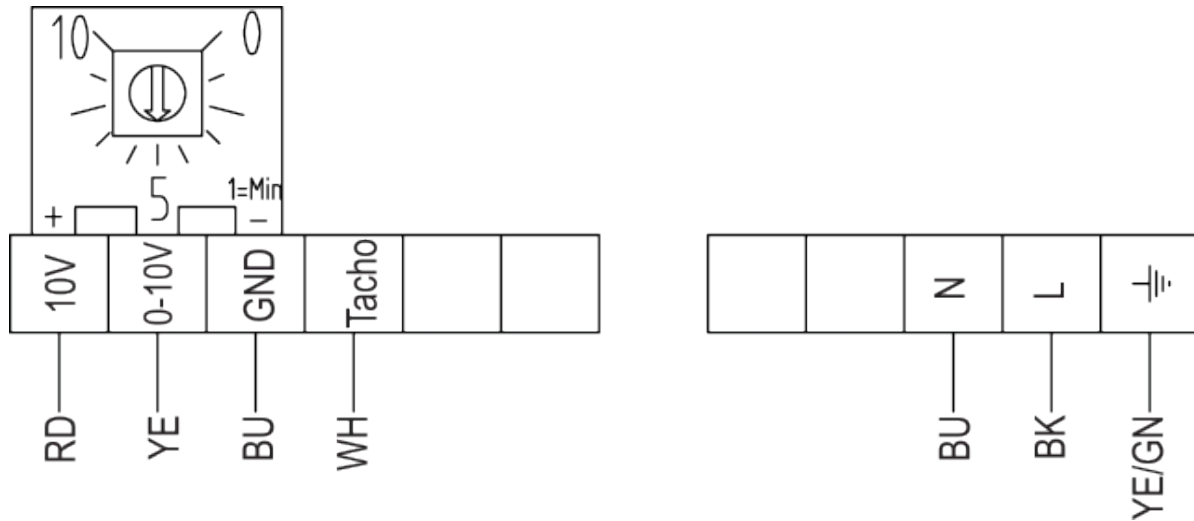
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Dimensions



KVK SLIM	A	B	C	D	E	øF
250 AC/EC	773	657	548	450	300	250

Wiring



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

Accessories

Electric accessories

- [RT 0-30 Room Thermostat \(5151\)](#)
- [CO2RT-R-D Transmitter \(6993\)](#)
- [Presence detector/IR24-P \(6995\)](#)
- [MTV-1/010 Controller 0..10V+ \(30650\)](#)
- [DMD-C Pressure controller \(15793\)](#)
- [MTP 10, 10K, Speed control \(32731\)](#)
- [EC-Vent Room Unit \(3018\)](#)
- [EC-Vent control board \(3115\)](#)
- [REV-3POL/03 ON/OFF \(33978\)](#)
- [MTP 20, on/off, 3-step \(310220\)](#)
- [EC-Basic-H humidity \(24807\)](#)
- [EC-Basic-T temperature \(24805\)](#)
- [EC-Basic-U universal 0-10V \(24806\)](#)
- [EC-Basic-CO2 and temperature \(24808\)](#)
- [EC-Selector \(9908\)](#)
- [CXE/AVC Modbus \(37256\)](#)
- [S-5EC/FRQ \(76738\)](#)

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3 / 4

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Accessories

[CB 250-9,0 400V/3 Duct heater \(5373\)](#)
[CB 250-3,0 230V/1 Duct heater \(5385\)](#)
[VBF 250 Water heating battery \(1733\)](#)
[CWX 250-3-2,5 Duct cooler,circ \(30024\)](#)
[VBC 250-2 Water heating batt \(5460\)](#)
[LDC 250-900 Silencer \(5196\)](#)
[FFR 250 Filter cassette \(1776\)](#)
[FGR 250 Filter cassette \(1815\)](#)
[FK 250 Fast clamp \(1612\)](#)
[VKK-250 Back draft damper \(1627\)](#)
[RSK-250 Back draft damper \(5603\)](#)
[SG 250 Protection guard \(5610\)](#)
[VK-25 Louvre shutter \(5640\)](#)
[CBM 250-6,0 400V/2 Duct heater \(9089\)](#)
[VBC 250-3 Water heating batt \(9843\)](#)
[CB 250-6,0 400V/2 Duct heater \(5372\)](#)

Documentation

 [KVK_Silent_Slim_Operating_maintenance_145899_CE_EN_A007.pdf \(1,47MB\)](#)

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