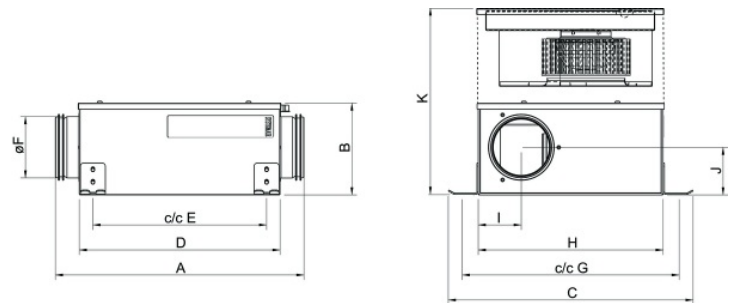




Technical parameters

Nominal data	
Voltage (nominal)	230 V
Frequency	60; 50 Hz
Phases	1~
Input power	60 W
Input current	0.483 A
Impeller speed	2,499 rpm
Air flow	max 312 m ³ /h
Temperature of transported air	max 55 °C
Max temperature of transported air, when speed controlled	55 °C
Sound data	
Sound pressure level at 3m (20m ² Sabin)	43 dB(A)
Protection/Classification	
Enclosure class, motor	IP44
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	100 mm
Duct dimension; Circular, outlet	100 mm
Weight	5.6 kg
Others	
Duct connection type	Circular
Motor type	EC

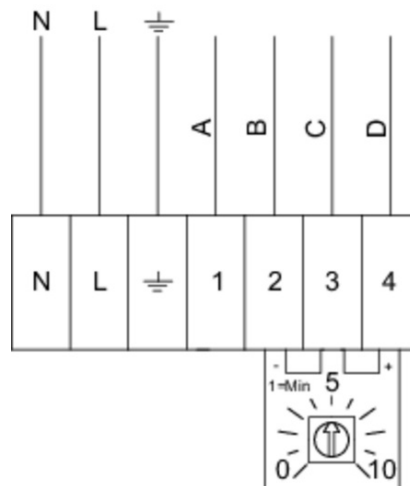
Dimension



	A	B	C	D	E	øF	G	H	I	J	K
KVK Slim 100	400	150	392	325	278	98	348	300	69	76	300
KVK Slim 125	400	150	392	325	278	123	348	300	84	72	300
KVK Slim 160	400	185	392	325	278	158	348	300	99	90	370
KVK Slim100 EC	400	150	392	325	278	98	348	300	69	76	300
KVK Slim120 EC	400	150	392	325	278	123	348	300	84	72	300
KVK Slim160 EC	400	185	392	325	278	158	348	300	99	90	370

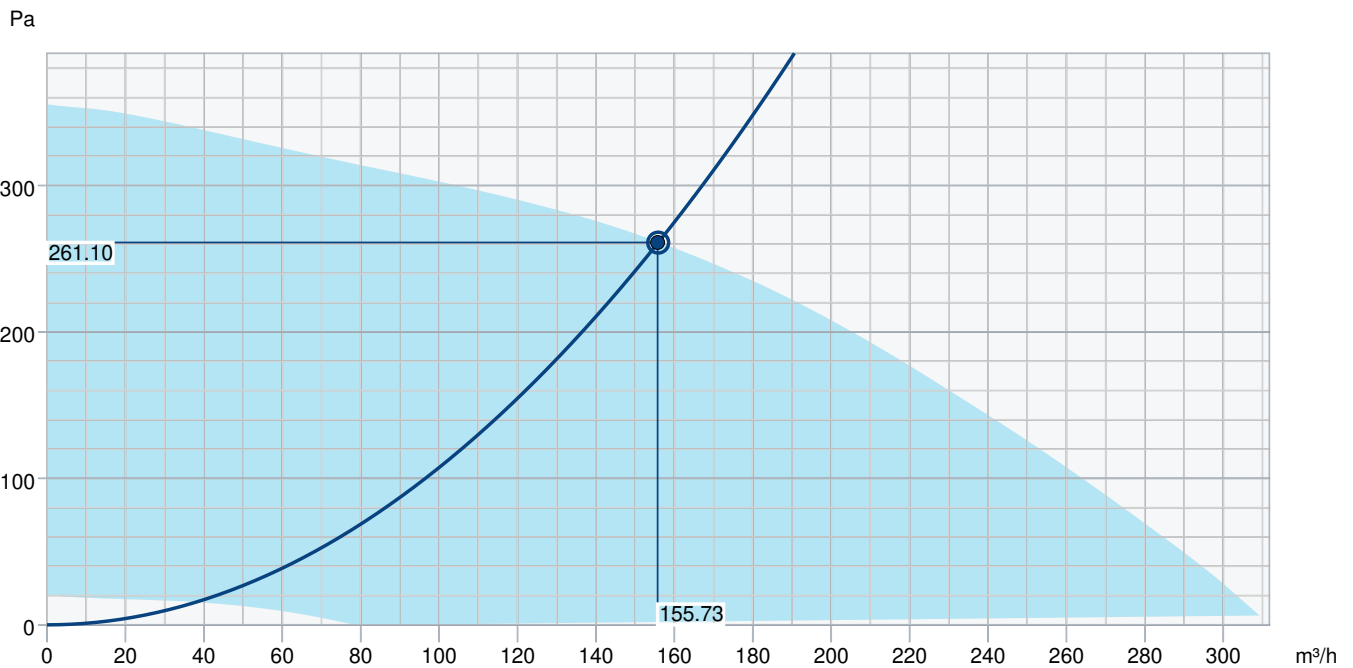
Wiring

230V 1~



Terminal	Cable	Description
1	Black 1	Tacho output, Isink max 10mA
2	Black 2	GND
3	Black 3	Control input 0-10 VDC/PWM
4	Black 4	Output 10 VDC max 1.1 mA

Performance curve



Hydraulic data										
Required air flow	156 m³/h									
Required static pressure	261 Pa									
Working air flow	156 m³/h									
Working static pressure	261 Pa									
Air density	1.204 kg/m³									
Power	49.7 W									
Fan control - RPM	2,640 rpm									
Current	0.40 A									
SFP	1.149 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	57	60	59	58	55	51	43	65
Outlet	dB(A)	55	64	62	63	65	63	56	47	71
Surrounding	dB(A)	16	31	40	41	46	46	38	28	50
Sound pressure level at 3m (20m² Sabine)	dB(A)	-	-	-	-	-	-	-	-	43
Sound pressure level at 3m free field	dB(A)	-	-	-	-	-	-	-	-	29
Accessories										

Accessories

- | | |
|---------------------------------------|--|
| CXE/AVC Modbus (37256) | EC-Basic-CO2 and temperature (24808) |
| EC-Basic-H humidity (24807) | EC-Basic-T temperature (24805) |
| EC-Basic-U universal 0-10V (24806) | EC-Selector (9908) |
| EC-Vent control board (3115) | EC-Vent Room Unit (3018) |
| MTP 10, 10K, Speed control (32731) | MTV-1/010 Controller 0..10V+ (30650) |
| Potentiometer MTP 20, 0-10V (310220) | REV-3POL/03-7,5kW R/Y (33978) |
| SG 100 Protection guard (5606) | Step switch S-5EC-2, 0-10V (449084) |
| VKK-100 Back draft damper (1623) | CO2RT-R-D Transmitter (6993) |
| HR1 Room Humidistat (215150) | IGK-100 Wall Grid (1630) |
| Presence detector/IR24-P (6995) | RT 0-30 Room Thermostat (5151) |
| Safety switch 2-pole grey (210679) | VBC 125-3 Water heating batt (9839) |
| CB 100-0,4 230V/1 Duct heater (5288) | CB 100-0,6 230V/1 Duct heater (5376) |
| CBM 100-0,6 230V/1 Duct heater (5479) | CWK 100-3-2,5 Duct cooler,circ (30019) |
| FFR 100 Filter cassette (1766) | FGR 100 Filter cassette (1802) |
| FK 100 Fast clamp (1607) | LDC 100-1200 Silencer (5996) |
| LDC 100-300 Silencer (8180) | LDC 100-600 Silencer (5188) |
| LDC 100-900 Silencer (5189) | RSK-100 Back draft damper (5597) |
| VBC 100-2 Water heating batt (5456) | VBF 100 Water heating battery (1724) |
| Room hygrostat HR-S (286251) | |

Documents

- INSTALLATION_OPERATION_AND_MAINTENANCE_INSTRUCTION_KV_DUO_KVK_DUO_KVK_003_EN.PDF
- COMMISSIONING_RECCORD_FANS_EN.PDF