

KVK Silent 400 EC

Article number: 92174

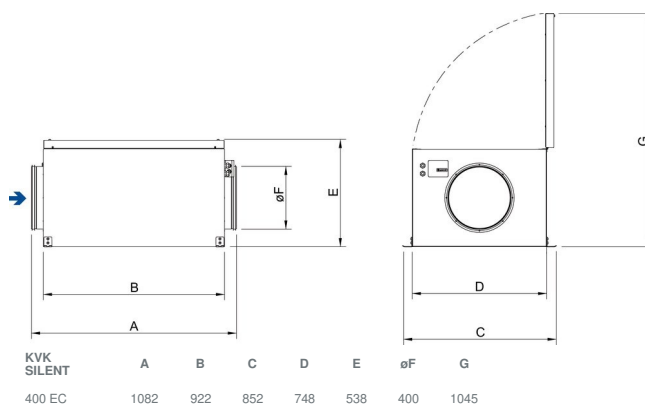
Variant : 230V 1~ 50/60Hz



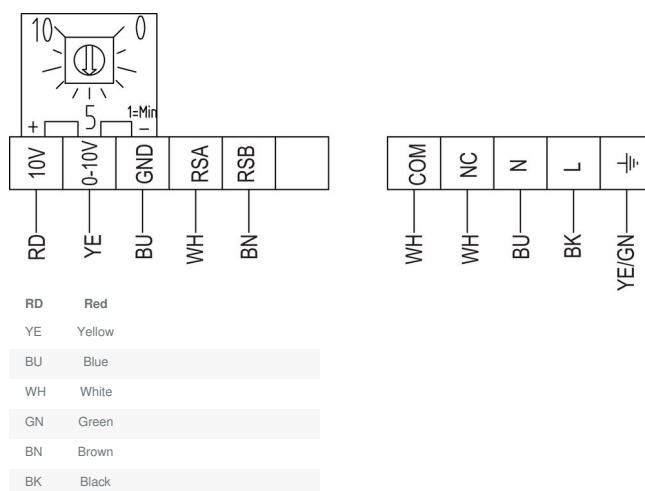
Technical parameters

Nominal data	
Voltage (nominal)	230 V
Frequency	50; 60 Hz
Phase(s)	1~
Input power	532 W
Input current	2.39 A
Impeller speed	1,925 r.p.m.
Air flow	max ; 3,974; m³/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 (20m² Sabin)	54 dB(A)
Protection/Classification	
Enclosure class, motor	IP55
Insulation class	F
Data according to ErP	
ErP ready	ErP 2018
Dimensions and weights	
Duct dimension; Circular, inlet	400 mm
Duct dimension; Circular, outlet	400 mm
Weight	64 kg
Others	
Duct connection type	Circular
Motor type	EC

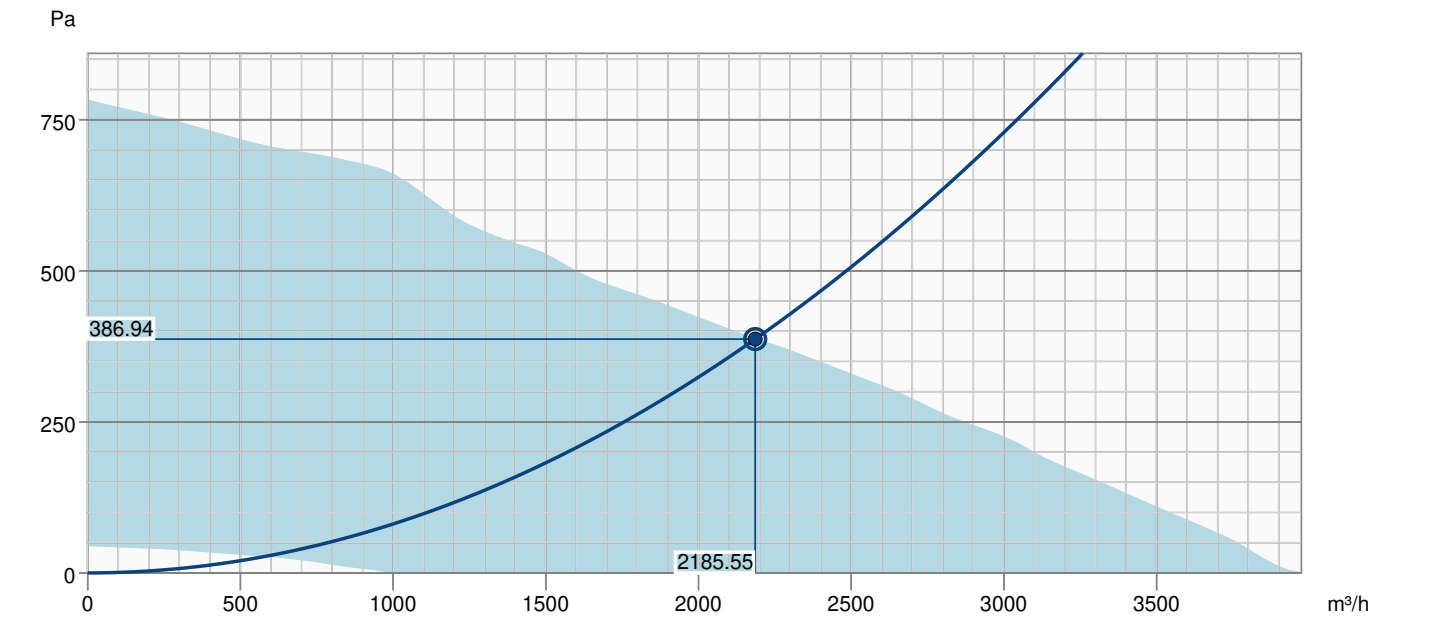
Dimension



Wiring



Performance curve



Hydraulic data										
Required air flow		2186 m³/h								
Required static pressure		387 Pa								
Working air flow		2186 m³/h								
Working static pressure		387 Pa								
Air density		1.204 kg/m³								
Power		528.3 W								
Fan control - RPM		1816 rpm								
Current		2.31 A								
SFP		0.870 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)	60	69	73	57	56	55	53	46	75
Outlet	dB(A)	53	67	72	65	68	64	60	52	76
Surrounding	dB(A)	37	50	60	47	40	36	39	34	61
Sound pressure level at 3m (20m² Sabine)	dB(A)	-	-	-	-	-	-	-	-	54
Sound pressure level at 3m free field	dB(A)	-	-	-	-	-	-	-	-	40

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)	MTP 20, on/off, 3-step (310220)
MTV-1/010 Controller 0..10V+ (30650)	PCA 1000D2 Pressure controller (76739)
REV-3POL/03-7.5kW R/Y (33978)	S-5EC/FRQ (76738)
SG 400 Protection guard (5613)	VKK-400 Back draft damper (1629)
CO2RT-R-D Transmitter (6993)	HR1 Room Humidistat (215150)
Presence detector/IR24-P (6995)	RT 0-30 Room Thermostat (5151)
Safety switch 2-pole grey (210679)	CB 400-12,0 400V/3 Duct heater (5393)
CB 400-6,0 400V/2 Duct heater (5391)	CB 400-9,0 400V/3 Duct heater (5392)
CBM 400-9,0 400V/3 Duct heater (5487)	CBMF 400-9,0 400V/3 Duct heater (12511)
CWK 400-3-2,5 Duct cooler,circ (30026)	FFR 400 Filter cassette (1783)
FGR 400 Filter cassette (1823)	FK 400 Fast clamp (1615)
LDC 400-900 Silencer (5198)	RSK-400 Back draft dmp. (9973)
VBC 400-2 Water heating batt (5462)	VBC 400-3 Water heating batt (9845)
VBF 400 Water heating battery (1736)	Room hygrostat HR-S (286251)

Documents

KVK_SILENT_SLIM_OPERATING_MAINTENANCE_145899_CE_EN_A007.PDF
MODBUS LITE V5.01 parameter specification.pdf