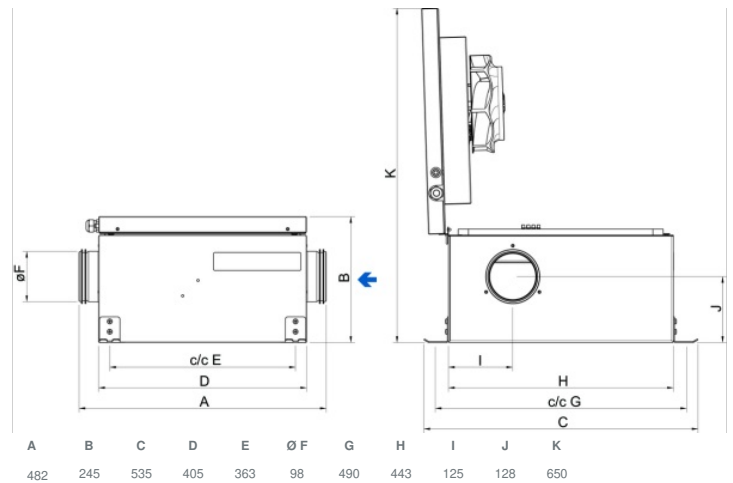




Technical parameters

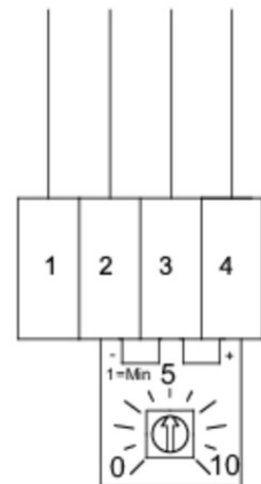
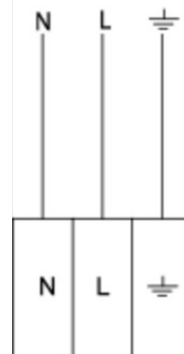
Nominal data	
Voltage (nominal)	230 V
Frequency	50 Hz
Phases	1~
Input power	68 W
Input current	0.577 A
Impeller speed	3,512 rpm
Air flow	max 329 m³/h
Temperature of transported air	max 60 °C
Max temperature of transported air, when speed controlled	60 °C
Sound data	
Sound pressure level at 3m (20m² Sabin)	43 dB
Protection/Classification	
Enclosure class, motor	IP54
Insulation class	B
Data according to ErP	
Energy class, Basic unit	C
Energy class, Local demand	F
ErP ready	ErP 2016; ErP 2018
Dimensions and weights	
Duct dimension; Circular, inlet	100 mm
Duct dimension; Circular, outlet	100 mm
Weight	13.7 kg
Others	
Duct connection type	Circular
Motor type	EC

Dimension



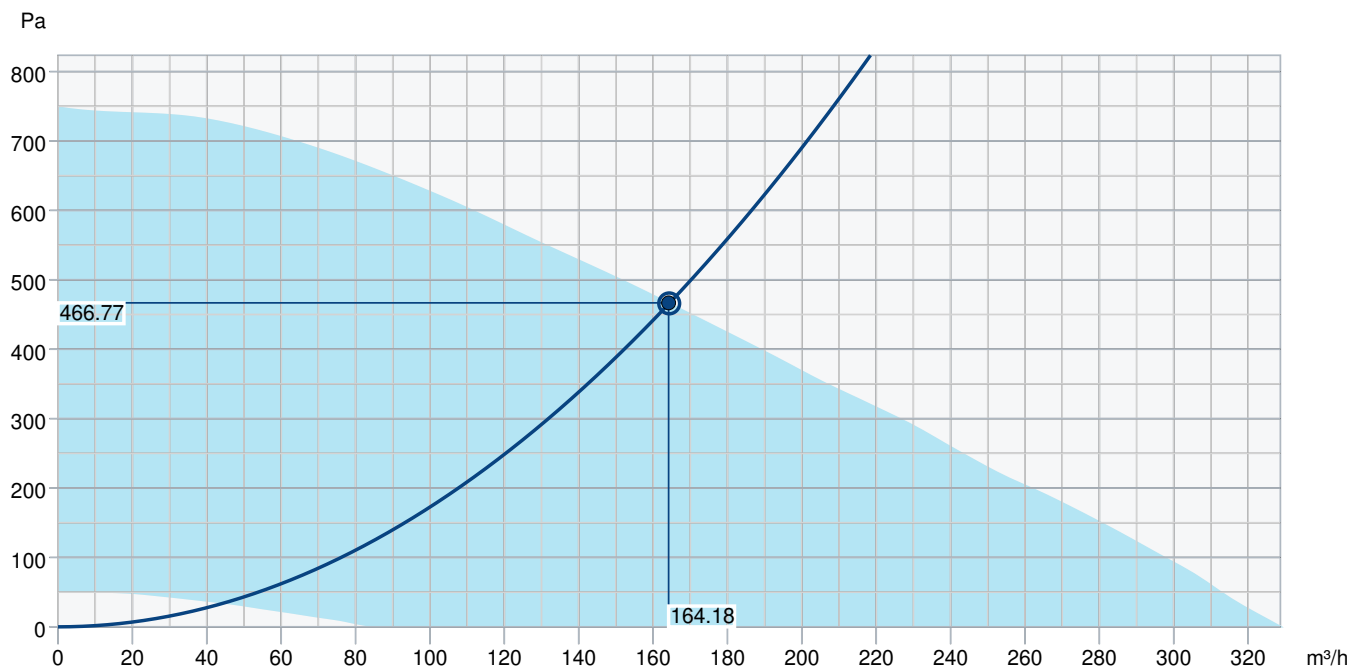
Wiring

230V 1~



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

Performance curve



Hydraulic data										
Required air flow										164 m³/h
Required static pressure										466 Pa
Working air flow										164 m³/h
Working static pressure										467 Pa
Air density										1.204 kg/m³
Power										67.0 W
Fan control - RPM										3,518 rpm
Current										0.60 A
SFP										1.469 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)	52	53	52	51	49	49	47	45	60
Outlet	dB(A)	53	60	66	68	66	63	55	48	73
Surrounding	dB(A)	24	31	34	42	39	44	46	42	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-H humidity (24807)

EC-Basic-U universal 0-10V (24806)

EC-Vent control board (3115)

MTP 10, 10K, Speed control (32731)

Potentiometer MTP 20, 0-10V (310220)

SG 100 Protection guard (5606)

VKK-100 Back draft damper (1623)

HR1 Room Humidistat (215150)

Presence detector/IR24-P (6995)

Safety switch 2-pole grey (210679)

CB 100-0,6 230V/1 Duct heater (5376)

CWK 100-3-2,5 Duct cooler,circ (30019)

FGR 100 Filter cassette (1802)

LDC 100-1200 Silencer (5996)

LDC 100-600 Silencer (5188)

RSK-100 Back draft damper (5597)

THS 160 Hood w.cover pl. black (1839)

VBC 100-3 Water heating batt (9838)

VK-10 Louvre shutter (87682)

EC-Basic-CO2 and temperature (24808)

EC-Basic-T temperature (24805)

EC-Selector (9908)

EC-Vent Room Unit (3018)

MTV-1/010 Controller 0..10V+ (30650)

REV-3POL/03-7,5kW R/Y (33978)

Step switch S-5EC-2, 0-10V (449084)

CO2RT-R-D Transmitter (6993)

IGK-100 Wall Grid (1630)

RT 0-30 Room Thermostat (5151)

CB 100-0,4 230V/1 Duct heater (5288)

CBM 100-0,6 230V/1 Duct heater (5479)

FFR 100 Filter cassette (1766)

FK 100 Fast clamp (1607)

LDC 100-300 Silencer (8180)

LDC 100-900 Silencer (5189)

THB 160 Hood w.cover pl. black (1764)

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