



Technical data

Voltage	U	230	V
Phase		1	~
Frequency	f	50	Hz
Speed	n	950	RPM
Power consumption	P _e	170	W
Nominal current	I _{nom}	0.9	A
Maximum current	I _{max}	1.4	A
Cos φ		0.78	
Capacitor		05/400	μF/V
Ambient temperature	T _{amb min/max}	-25...40	°C
Insulation Class		CL.F	
IP Class		IP55	
Sound pressure level (2 m)	L _p (meas.)	60	dB(A)
Sound pressure level (7 m)	L _p (calc.)	49	dB(A)
Weight		13.9	kg
Packing dimensions		670x670x315	mm

Fan details

Impeller blades	6
Impeller type	4
Impeller system	K
Impeller material	PG

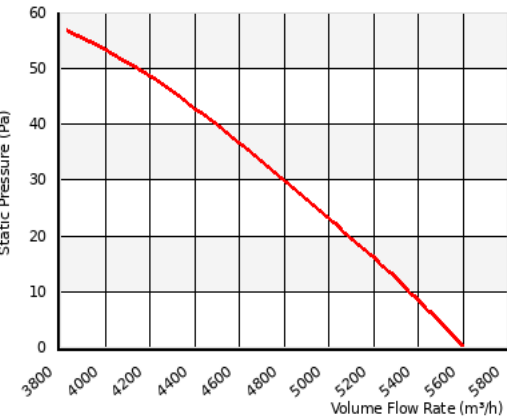
Control options

Triac controller	Yes
Transformer	Yes
RFREINV7 control	Yes

* This fan is suitable for 1~ frequency control with the Invertek Optidrive type RFREINV7. This Invertek Optidrive RFREINV7 is equipped with a special Vostermans Ventilation BV parameter set. This Invertek Optidrive RFREINV7 is available from Vostermans Ventilation BV.

Characteristics

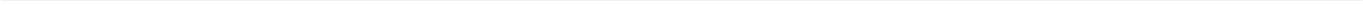
0 Pa	5600 m ³ /h
50 Pa	4150 m ³ /h



Please note: Picture may deviate from original product

Approval(s)

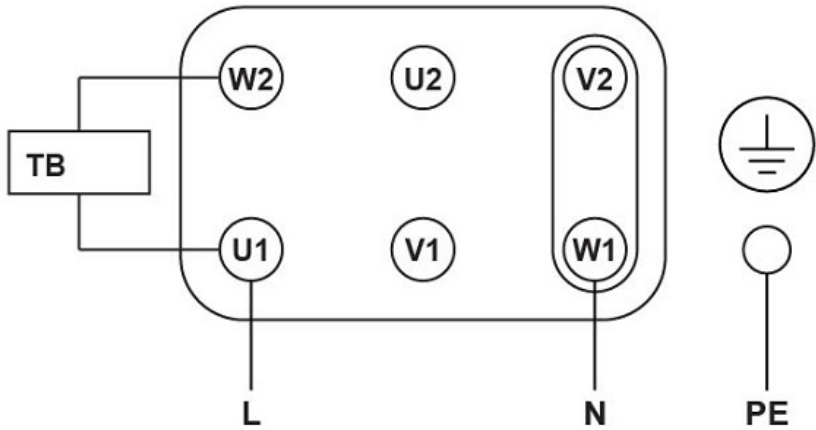




Wiring diagram

C1 - 1 Phase - Standard - CCW

S0000010695A



Technical drawing of a square axial fan, showing side and front views with dimension labels A01 through A10.

Side View (Left):

- A07: Total height of the fan assembly.
- A08: Distance from the top edge to the start of the fan housing.
- A06: Thickness of the fan housing.
- A09: Distance from the top edge to the center of the fan.

Front View (Right):

- A02: Total width of the fan assembly.
- A04: Distance between the inner fan frame and the outer housing.
- A05: Height of the fan frame.
- A03: Total height of the fan assembly (same as A07).
- A01: Diameter of the fan frame (indicated by $\varnothing$).
- A10: Diameter of the mounting holes (indicated by $\varnothing$).
- (4x): Quantity of mounting holes.

A01:	512 mm
A02:	647.5 mm
A03:	647.5 mm
A04:	600 mm
A05:	600 mm
A06:	192 mm
A07:	540 mm
A08:	84 mm
A09:	36 mm
A10:	7.5 mm

Axial fan efficiency	ηf	32.1%
Measurement category		A
Efficiency category		Static
Efficiency grade	N	43
VSD		Not included
Year of manufacturing		
Manufacturer		VOSTERMANS Parlevinkeweg 54 5928 NV Venlo The Netherlands
Commercial reg. no.		12021767
Model number		V6E50AAM10100
Motor input power	Pe	0.189 kW
Volume flow	Qv	3830 m³/h
Pressure difference	psf	57 Pa
Rotational speed	n	938 rpm
Specific ratio		1.01

Consult instructions for information regarding installation, disassembly and recycling of this product