

Technical data

Voltage	U	230	V
Phase		1	~
Frequency	f	50	Hz
Speed	n	1455	RPM
Power consumption	P _e	250	W
Nominal current	I _{nom}	1.2	A
Maximum current	I _{max}	2.0	A
Cos φ		0.94	
Capacitor		10/400	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.)	65	dB(A)
Sound pressure level (7 m)	L _p (calc.)	54	dB(A)
Weight		13.0	kg
Packing dimensions		600x600x400	mm

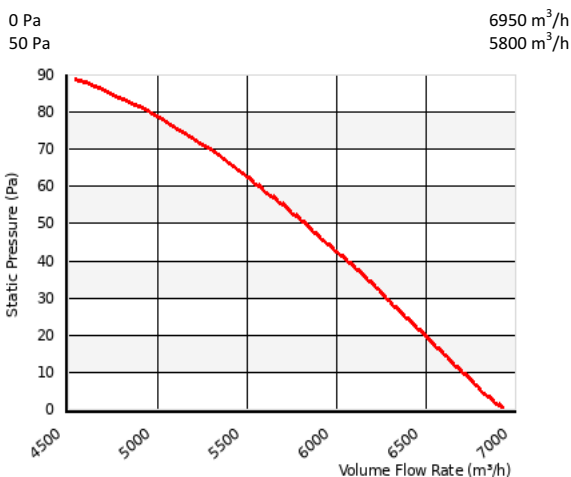
Fan details

Impeller blades	4
Impeller type	3
Impeller system	C
Impeller material	PP

Control options

Triac controller	Yes
Transformer	Yes
Frequency drive	No

Characteristics



Please note: Picture may deviate from original product

Approval(s)



Wiring diagram
C1 - 1 Phase - Standard - CCW

S0000010695A



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Dimensions

The image contains two technical drawings of a fan. The left drawing is a front view showing a circular fan grille with a central hub and radial blades. Dimensions labeled include A01 (outer diameter), A10 (4x) (mounting hole diameter), A15 (top width), A03 (right height), A11 (bottom width), and A02 (total bottom width). The right drawing is a side view showing the fan's profile, including the motor housing and mounting brackets. Dimensions labeled include A70 (total height), A12 (motor housing width), A13 (mounting bracket width), and A14 (total base width).

A01:	472 mm
A02:	587 mm
A10:	6.5 mm
A11:	403 mm
A12:	33 mm
A13:	220 mm
A14:	374 mm
A15:	326 mm
A70:	520 mm

Data according to commission Regulation (EU) 327/2011

Axial fan efficiency	η_f	39.4%
Measurement category		A
Efficiency category		Static
Efficiency grade	N	49
VSD		Not included
Year of manufacturing		
Manufacturer		VOSTERMANS Parlevinkerweg 54 5928 NV Venlo The Netherlands 12021767 T4E45BAM80100
Commercial reg. no.		
Model number		T4E45BAM80100
Motor input power	P_e	0.285 kW
Volume flow	Q_v	4541 m ³ /h
Pressure difference	p_{sf}	89 Pa
Rotational speed	n	1442 rpm
Specific ratio		1.01

Data at optimum energy efficiency point

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

