

Technical data sheet

Revision b
Revision 01/2025

ECOFIT

by

rosenberg
THE AIR MOVEMENT GROUP
VENDÔME

Part-number
S03-A4-1

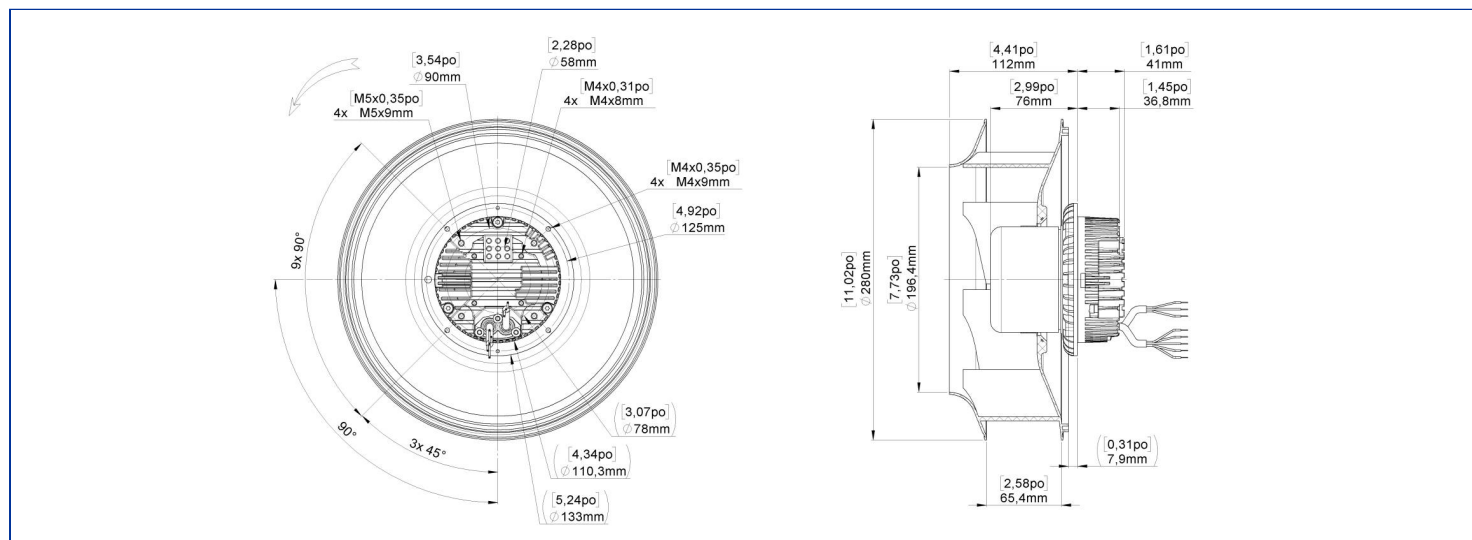


Designation **RREuV8 280x65R**

Range Backward curved centrifugal fans with electronic commutation motor

ELECTRICAL DATA

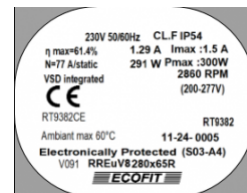
Voltage (V)	230
Frequency (Hz)	50/60
Current (A)	1.29
Maximum current (A)	1.50
Power (W)	291
Maximum power (W)	300
Speed rotation (RPM)	2860
Cos Φ	0.981
Temperature min/max (°C)	-25/+60



MARKING & STANDARDS

Conformity

- CE** RT9382CE IEC 60335-2-80, IEC 60335-1, EN 60331-2-80, EN 60335-1
- UL** RT9382 UL1004-1, 2nd edition rotating electrical machine
File number E326930



The product is manufactured in accordance with EN 60335-1, UL1004-1, and RoHS directive 2015/863/CE
IP class according to EN 60034-5 to be checked with operation and installation

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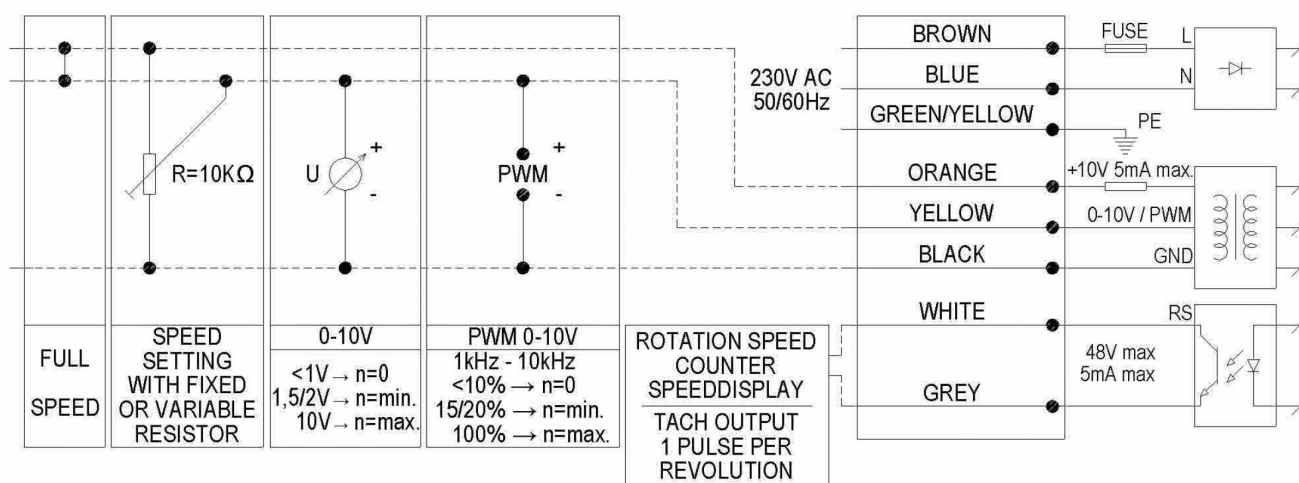
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TECHNICAL DATA

Description

- Weight: 3.20 kg
- Class F
- Ingress Protection : IP 54 | Protection against ingress of dust / Protection against ingress of water : splashing
- Motor's protection Electronically protected UL
- Bearing type: 2 ball bearings 6000ZZ
- Balance level: G2.5

Wiring diagram



Finishes

- PA 6/6 UL 94 V-0 plastic impeller
- Rotor electrolytic galvanizing protection

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ADDITIONAL DATA

Optional accessories

- 16254 | Inlet cone
- 21360 | Finger guard

Documentations

- Operating and recycling manual.
<https://en.ecofit.com/contact/contact/5-contact-us.html>

Measurement setup

- Ouie ED11-28 Ouie ED11-280

ERP DATA

Data according to ErP directive

Voltage	230	V
Frequency	50/60	Hz
Power ¹	0.3	kW
Airflow ¹	1424	m3/h
Pressure ¹	414	Pa
Speed rotation ¹	2623	RPM
Installation category	A	
Efficiency category	total	
Variable speed driver	Yes	
Special ratio	1.00	

- Designed for standard applications according to the directive EU 2009/125/EC

	Actual	2015
Overall efficiency	61.4	46.0
Efficiency grade	77	62

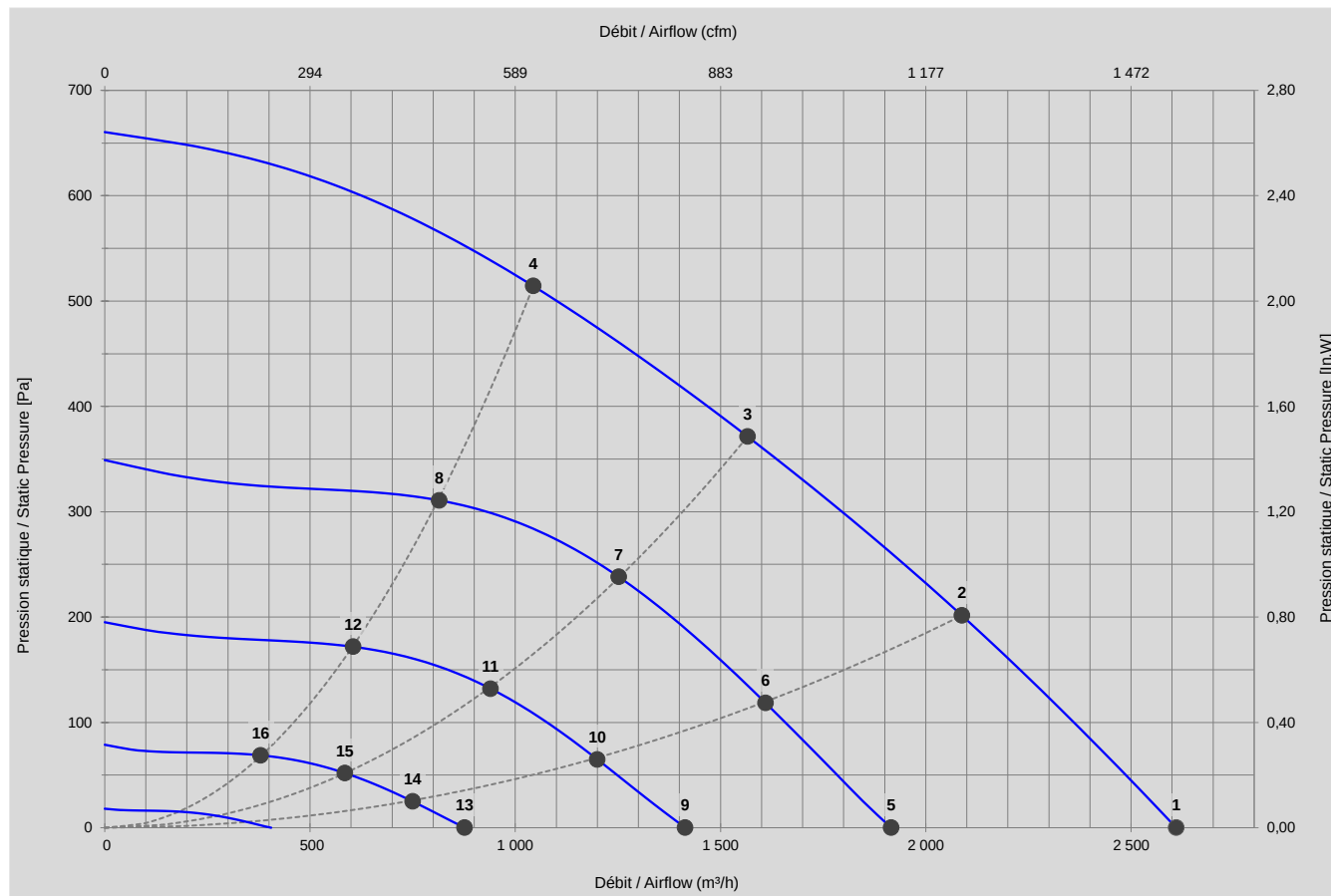
¹ at optimum energy efficiency point

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TECHNICAL DATA



Mesures / Measured Values*

	Un (V)	Vctl (V)	F (Hz)	P (W)	n (RPM)	Q (m³/h)	P (Pa)	Q (cfm)	P (In.W)	Lp _{in} (dBA)
1	230	10	50/60	291	2860	2 610	0	1 536	0,000	72
2	230	10	50/60	302	2712	2 088	201	1 229	0,807	70
3	230	10	50/60	299	2621	1 566	371	922	1,487	70
4	230	10	50/60	302	2703	1 044	514	615	2,060	73
5	230	8	50/60	120	2110	1 916	0	1 128	0,000	65
6	230	8	50/60	143	2106	1 610	118	948	0,474	65
7	230	8	50/60	158	2106	1 252	238	737	0,954	65
8	230	8	50/60	146	2107	815	311	480	1,245	67
9	230	6	50/60	57	1575	1 414	0	832	0,000	61
10	230	6	50/60	67	1575	1 200	65	706	0,260	59
11	230	6	50/60	73	1575	940	132	553	0,529	57
12	230	6	50/60	68	1573	605	172	356	0,688	58
13	230	4	50/60	22	998	877	0	516	0,000	
14	230	4	50/60	24	998	750	25	441	0,100	
15	230	4	50/60	24	998	585	52	344	0,208	
16	230	4	50/60	24	998	380	69	224	0,275	

* Air performance measured according to: ISO 5801, installation category C.

Intake-side sound level: according to ISO 3744, LpA measured at 1 m distance from fan axis. The values given are only applicable under the specified measuring conditions and may differ depending on the installation conditions.

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