

Technical data sheet

Revision a
Revision 06/2024

ECOFIT

by

rosenberg
THE AIR MOVEMENT GROUP
VENDÔME

Model
R46-A9-1

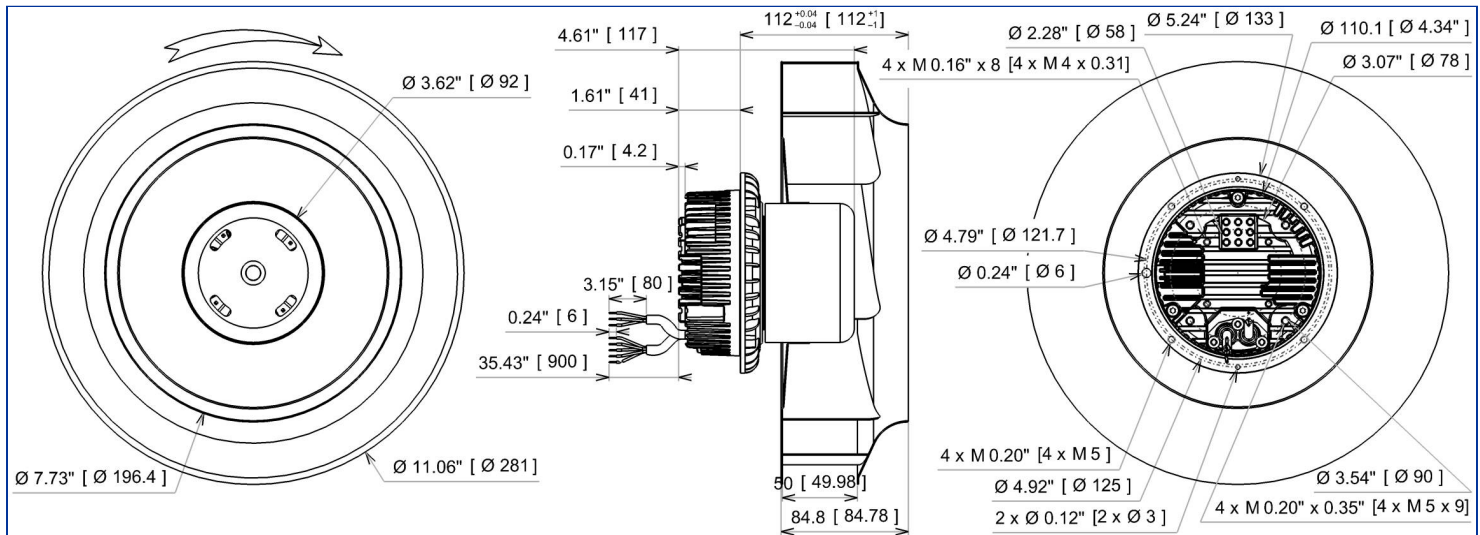


Designation **RREuV8 280x50R**

Range Backward curved centrifugal fans with electronic commutation motor

ELECTRICAL DATA

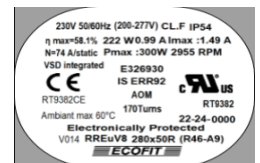
Tension (V)	230
Frequency (Hz)	50/60
Current (A)	0.99
Maximum current (A)	1.49
Power (W)	222
Maximum power (W)	300
Rotation (RPM)	2955
Cos Φ	0.975
Temperature min/max (°C)	-25/+60



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 directiv 2015/863/CE
IP class according to EN 60034-5 to be checked with operation and installation

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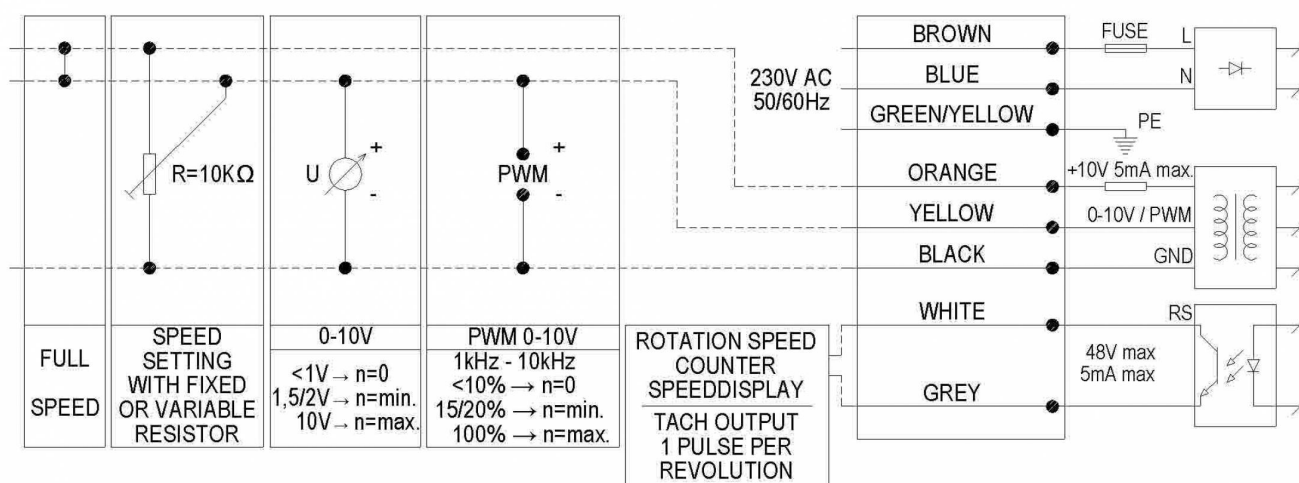
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TECHNICAL DATA

Description

- Weight: 3.10 kg
- Class F
- Ingress Protection : IP 54 | Protection against ingress of dust / Protection against ingress of water : splashing
- Motor's protection Electronically protected
- Bearing type: 2 ball bearings 6000ZZ
- Balance level: G2.5

Wiring diagram



Finishes

- Rotor electrolytic galvanizing protection
- Galvanized steel impeller

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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

Tension	230	V
Frequency	50/60	Hz
Power ¹	0.3	kW
Airflow ¹	1182	m3/h
Pressure ¹	473	Pa
Rotation ¹	2661	RPM
Catégorie de mesure	A	
Catégorie de rendement	total	
Variateur de vitesse	Yes	
Rapport spécifique	1.00	

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

	Actual	2015
Rendement global	58.1	46.0
Niveau de rendement	74	62

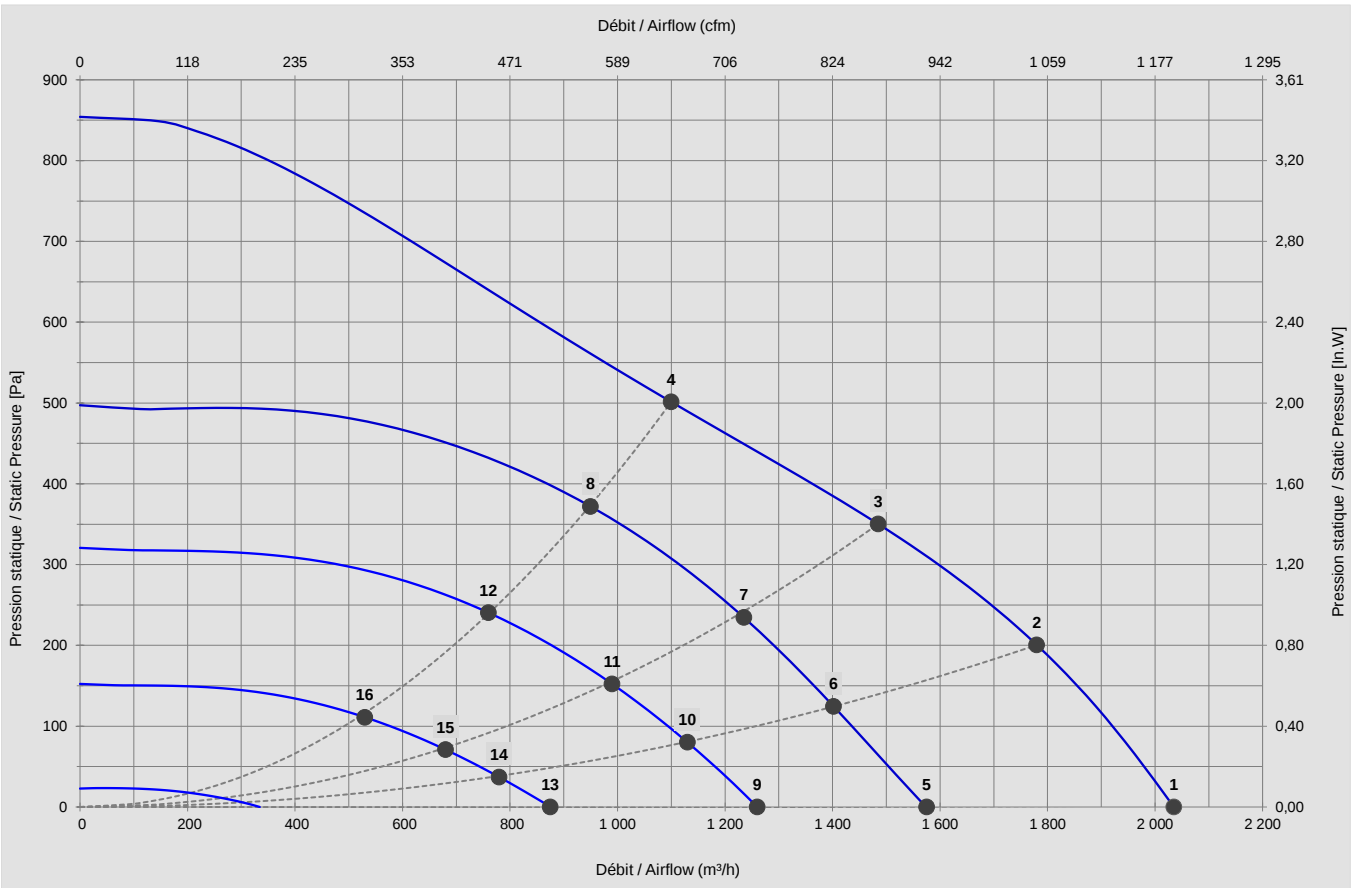
¹ at optimum energy efficiency point

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TECHNICAL DATA



Mesures / Measured Values*

	Un (V)	Vctl (Vdc)	F (Hz)	P (W)	n (RPM)	Q (m³/h)	P (Pa)	Q (cfm)	P (in.W)	Lp _{in} (dBA)
1	230	10	50/60	222	2955	2 035	0	1 198	0,000	75
2	230	10	50/60	288	2899	1 780	201	1 048	0,803	74
3	230	10	50/60	302	2774	1 485	350	874	1,403	73
4	230	10	50/60	298	2649	1 100	501	647	2,009	73
5	230	8	50/60	111	2275	1 575	0	927	0,000	69
6	230	8	50/60	143	2275	1 402	124	825	0,499	68
7	230	8	50/60	168	2276	1 235	235	727	0,940	69
8	230	8	50/60	191	2275	950	372	559	1,490	68
9	230	6	50/60	62	1833	1 260	0	742	0,000	64
10	230	6	50/60	81	1832	1 130	80	665	0,321	63
11	230	6	50/60	94	1830	990	152	583	0,610	64
12	230	6	50/60	105	1832	760	240	447	0,963	62
13	230	4	50/60	28	1260	875	0	515	0,001	
14	230	4	50/60	32	1260	780	37	459	0,148	
15	230	4	50/60	37	1258	680	71	400	0,284	
16	230	4	50/60	40	1259	530	111	312	0,445	

* 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. In the event of deviation

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