

Technical data sheet

Revision a
Revision 03/2021



Model
U24-D5-1

replace M17-A5

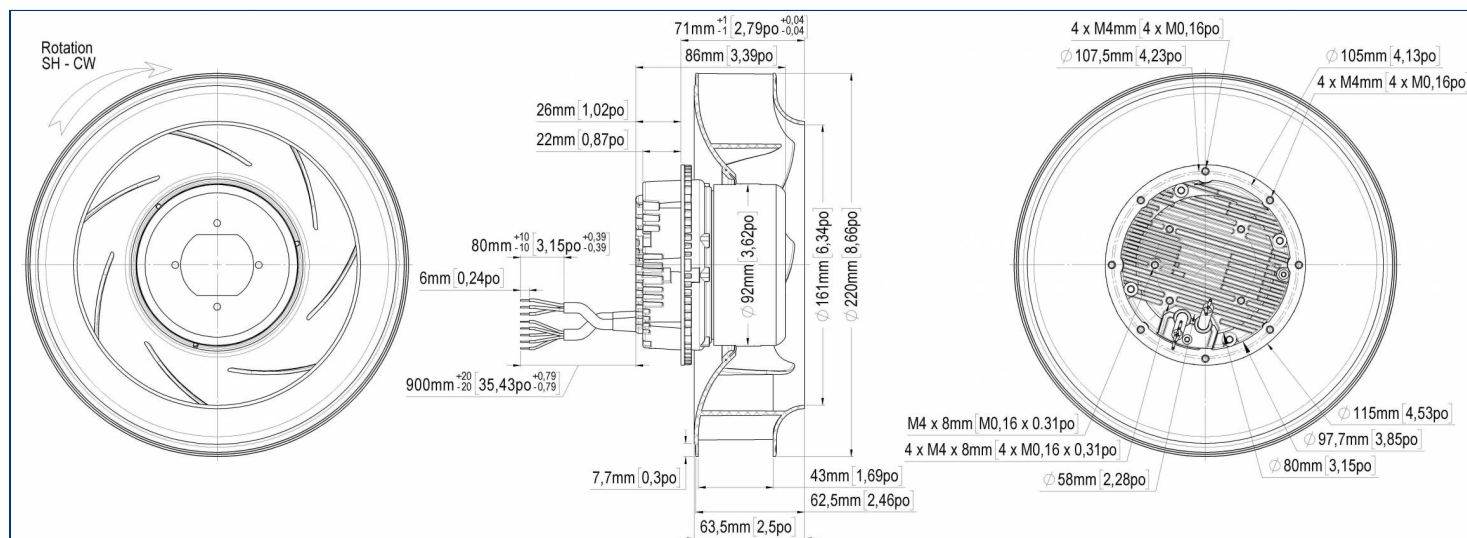


Designation **RREuG9 220x43R**

Range Backward curved centrifugal fans with electronic commutation motor

ELECTRICAL DATA

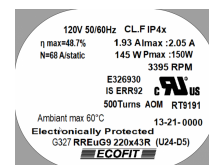
Tension (V)	120
Frequency (Hz)	50/60
Current (A)	1.93
Maximum current (A)	2.05
Power (W)	145
Maximum power (W)	150
Rotation (RPM)	3395
Cos Φ	0.626
Temperature min/max (°C)	-25/+60



MARKING & STANDARDS

Conformity

- UL RT9191 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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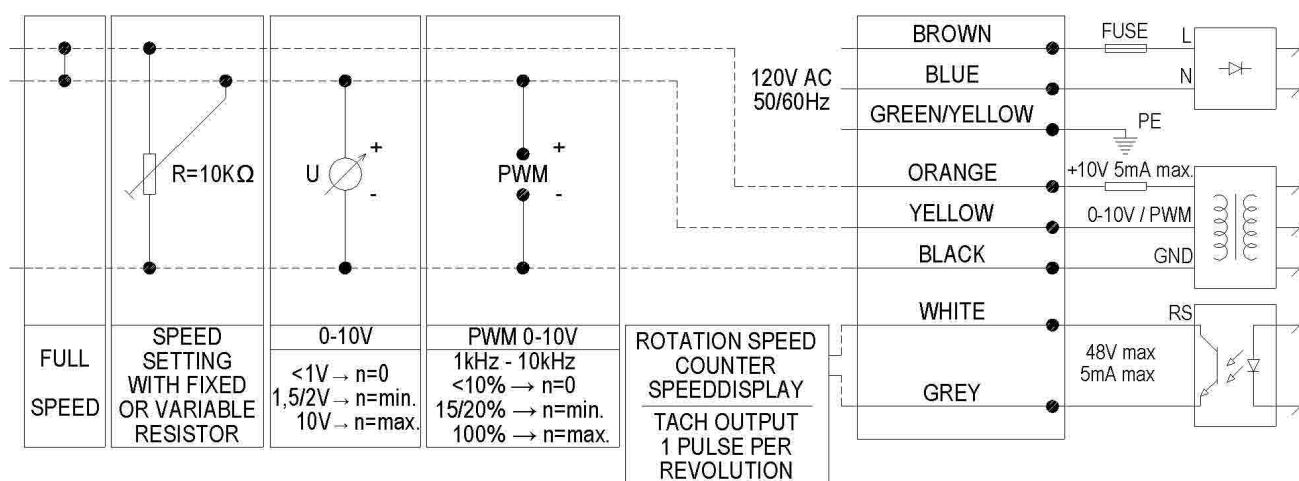
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TECHNICAL DATA

Description

- Weight: 1.80 kg
- With Condensat Drain Holes
- Class F
- Protection level: 4x | Protection against ingress of solid with diameter ≥ 1 mm / No information
- Motor's protection Electronically protected
- Bearing type: 2 ball bearings 608ZZ
- Balance level: G2.5

Wiring diagram



Finishes

- Motor - UL Recognized component
- Rotor : black paint
- Plastic impeller | Material : PPC-T20 UL94 V-0



ADDITIONAL DATA

Accessories

- 16291 | Inlet cone

Documentations

- Operating and recycling manual
<http://www.ecofit.com/anglais/normes>

Measurement setup

- Ouie 16291-0 Ouie P/Turb. Ø220 E-Wheel

ERP DATA

Data according to ErP directive

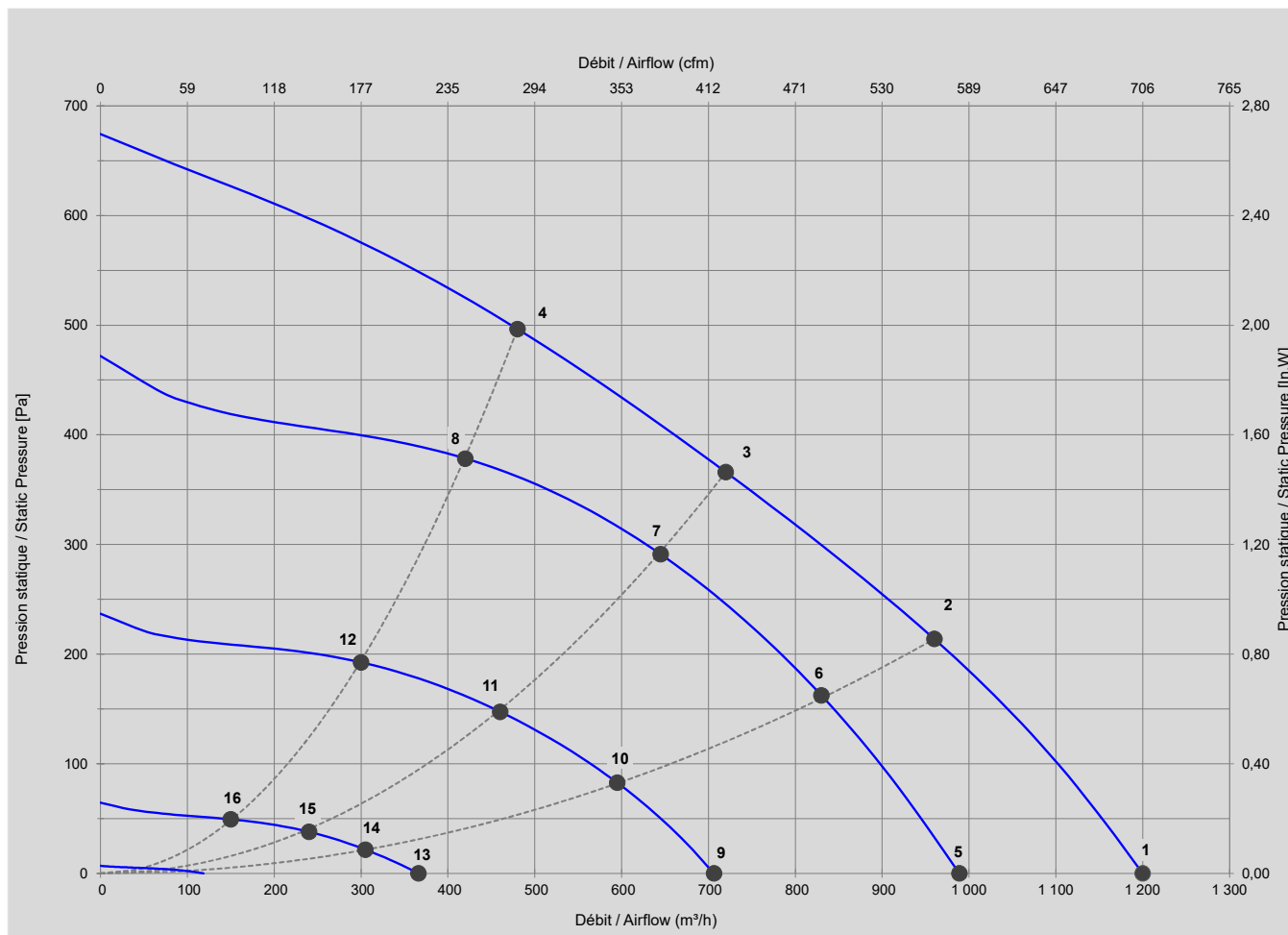
Tension	120 V
Frequency	50/60 Hz
Power ¹	0.15 kW
Airflow ¹	699 m3/h
Pressure ¹	376 Pa
Rotation ¹	3117 RPM
Catégorie de mesure	A
Catégorie de rendement	total
Variateur de vitesse	No
Rapport spécifique	1.00

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

	Actual	2015
Rendement global	48.7	42.8
Niveau de rendement	68	62

¹ at optimum energy efficiency point

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	120	10	50/60	145	3395	1 200	0	706	0,000	
2	120	10	50/60	150	3219	960	214	565	0,856	
3	120	10	50/60	149	3101	720	366	424	1,466	
4	120	10	50/60	150	3173	480	496	283	1,989	
5	120	8	50/60	78	2782	989	0	582	0,000	
6	120	8	50/60	100	2783	830	162	489	0,651	
7	120	8	50/60	108	2775	645	291	380	1,166	
8	120	8	50/60	101	2771	420	378	247	1,516	
9	120	6	50/60	30	1973	706	0	416	0,000	
10	120	6	50/60	37	1973	595	83	350	0,331	
11	120	6	50/60	41	1973	460	147	271	0,591	
12	120	6	50/60	39	1975	300	192	177	0,771	
13	120	4	50/60	8	1073	366	0	215	0,000	
14	120	4	50/60	8	1024	305	22	180	0,087	
15	120	4	50/60	8	1013	240	38	141	0,152	
16	120	4	50/60	7	1001	150	49	88	0,197	

* 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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