

Technical data sheet

Revision 0
Revision 12/2020



Model
U24-A6-1

replace M17-A4

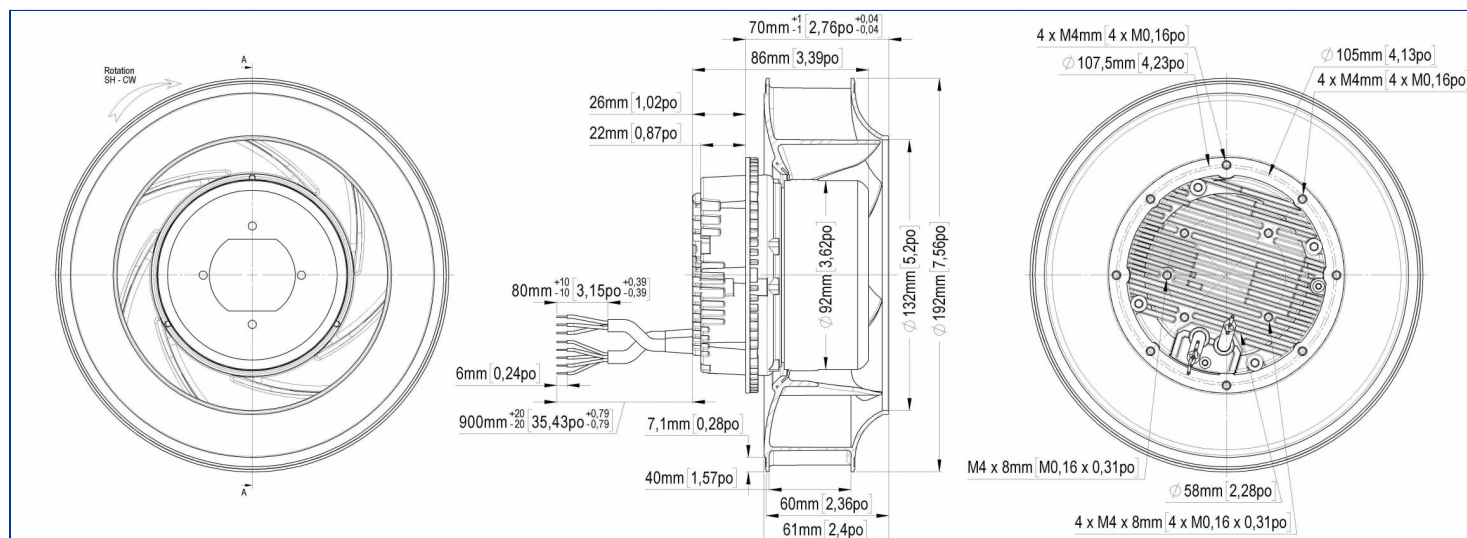


Designation **RREuG9 192x40R (120V)**

Range Backward curved centrifugal fans with electronic commutation motor

ELECTRICAL DATA

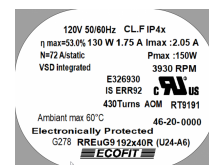
Tension (V)	120
Frequency (Hz)	50/60
Current (A)	1.75
Maximum current (A)	2.05
Power (W)	130
Maximum power (W)	150
Rotation (RPM)	3930
Cos Φ	0.619
Temperature min/max (°C)	-25/+60



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

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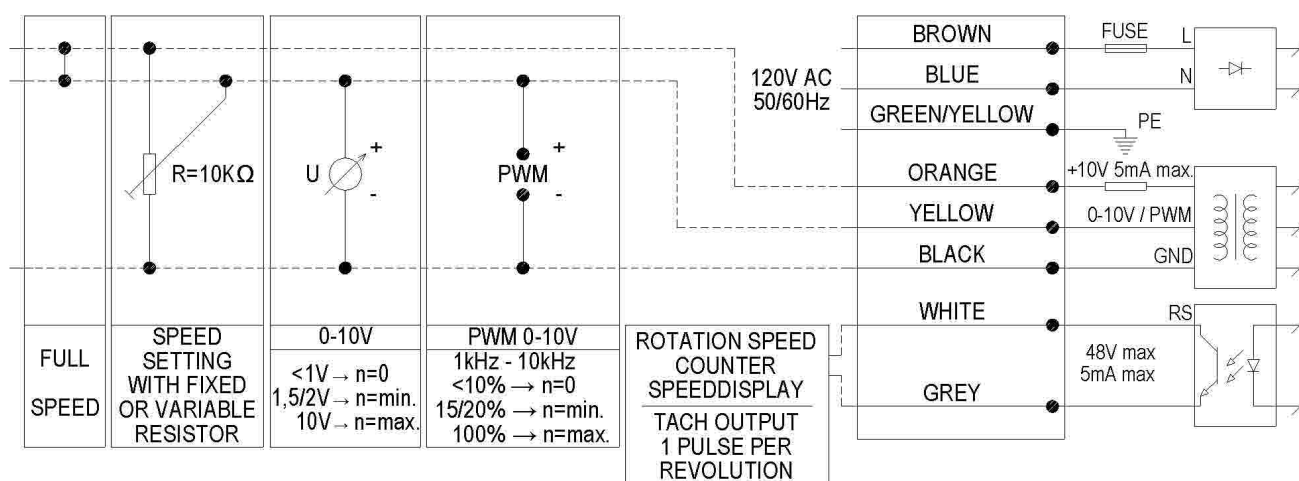
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TECHNICAL DATA

Description

- Weight: 1.70 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

- Rotor : black paint
- Plastic impeller | Material : PPC-T20 UL94 V-0



ADDITIONAL DATA

Accessories

- 21181 | Finger guard
- 16290 | Inlet cone

Documentations

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

Measurement setup

- Ouie 16290-0 Ouie pour 192 e-wheel

ERP DATA

Data according to ErP directive

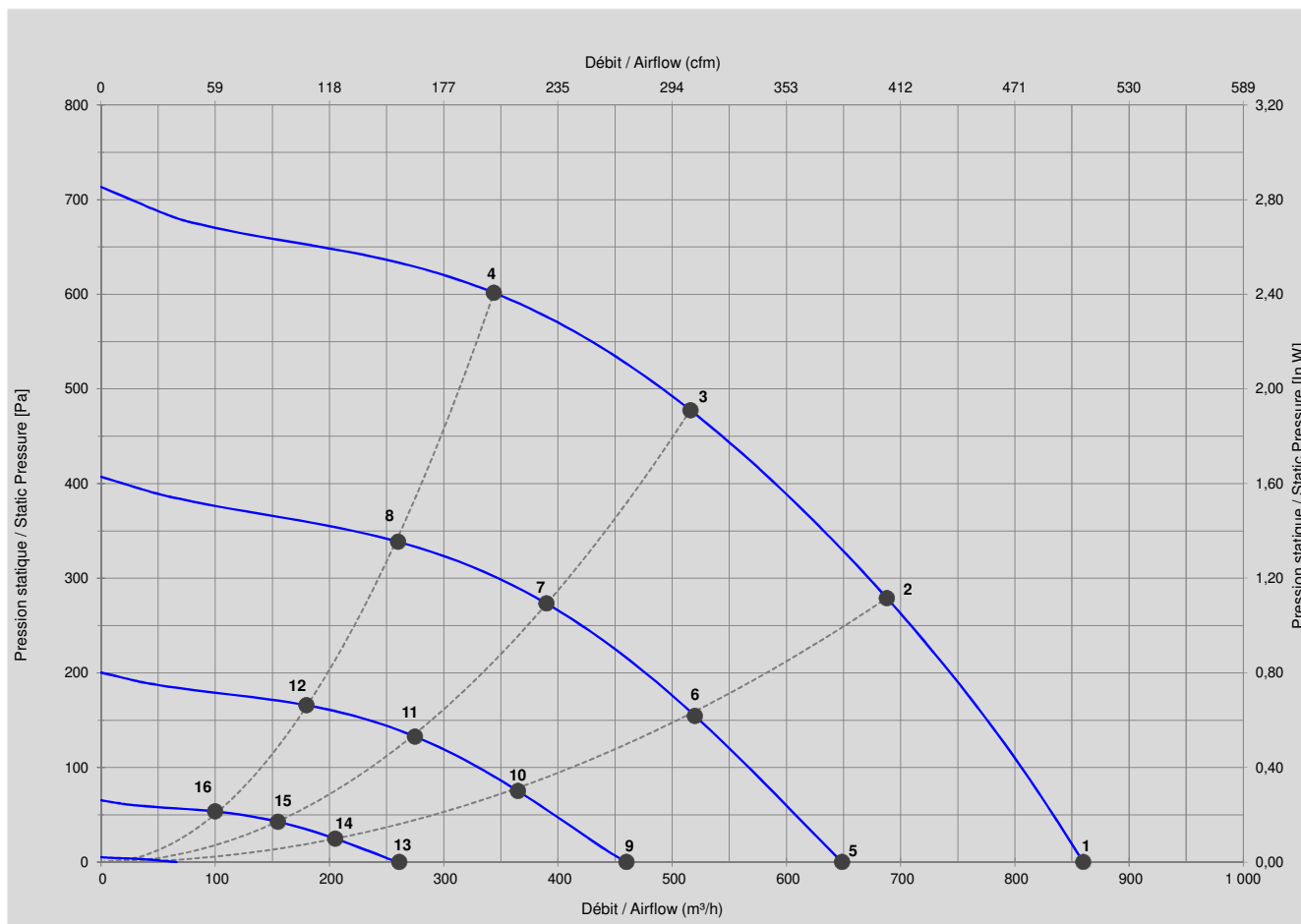
Tension	120 V
Frequency	50/60 Hz
Power ¹	0.145 kW
Airflow ¹	454 m3/h
Pressure ¹	534 Pa
Rotation ¹	3901 RPM
Catégorie de mesure	A
Catégorie de rendement	total
Variateur de vitesse	Yes
Rapport spécifique	1.00

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

	Actual	2015
Rendement global	53.0	42.7
Niveau de rendement	72	62

¹ at optimum energy efficiency point

TECHNICAL DATA



Mesures / Measured Values*

	Un (V)	Vcfl (V)	F (Hz)	P (W)	n (RPM)	Q (m³/h)	P (Pa)	Q (cfm)	P (in.W)	Lp _n (dBA)
1	120	10	50/60	130	3930	860	0	506	0,000	74,0
2	120	10	50/60	147	3913	688	279	405	1,118	70,0
3	120	10	50/60	149	3896	516	478	304	1,913	66,0
4	120	10	50/60	134	3919	344	602	202	2,410	68,0
5	120	8	50/60	56	2955	649	0	382	0,000	67,0
6	120	8	50/60	63	2954	520	155	306	0,619	63,0
7	120	8	50/60	66	2954	390	273	230	1,095	59,0
8	120	8	50/60	61	2952	260	339	153	1,356	61,0
9	120	6	50/60	22	2075	460	0	271	0,000	61,0
10	120	6	50/60	25	2073	365	75	215	0,301	56,0
11	120	6	50/60	25	2069	275	133	162	0,532	51,0
12	120	6	50/60	24	2069	180	166	106	0,664	51,0
13	120	4	50/60	7	1180	261	0	154	0,000	
14	120	4	50/60	7	1179	205	25	121	0,099	
15	120	4	50/60	7	1178	155	43	91	0,171	
16	120	4	50/60	7	1177	100	53	59	0,214	

* 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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