

Technical data sheet

Revision a
Revision 01/2025

ECOFIT

by

rosenberg
THE AIR MOVEMENT GROUP
VENDÔME

Part-number
Y25-A2-1

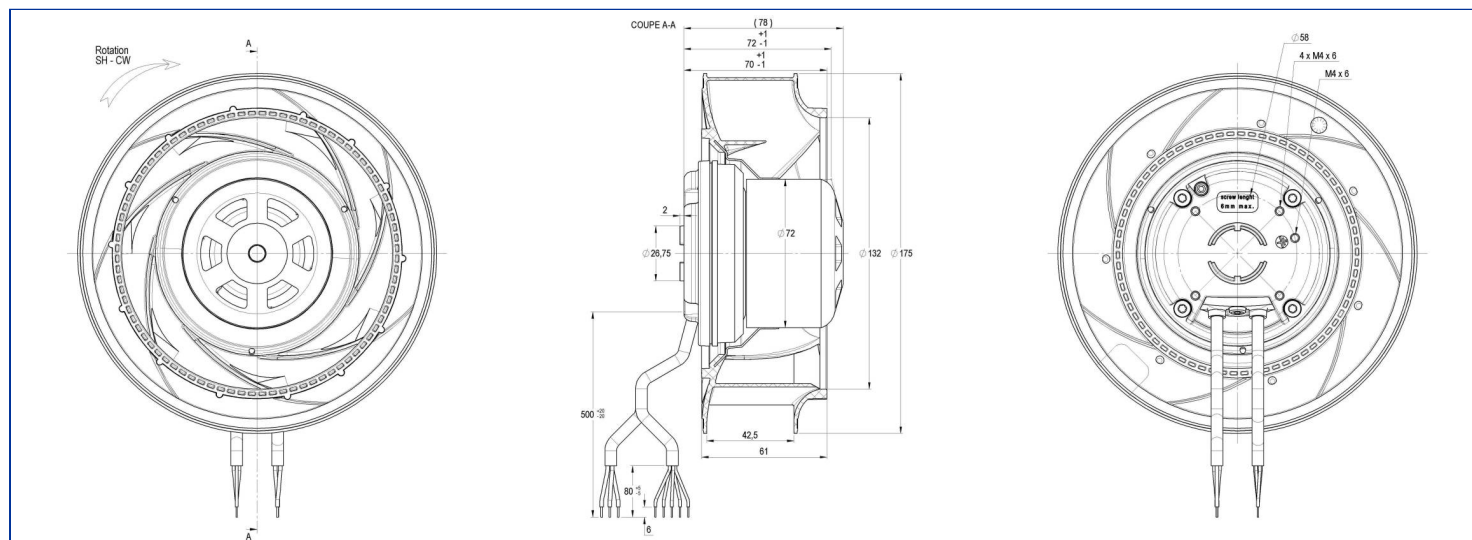


Designation **RREF5 175x42R**

Range Backward curved centrifugal fans with electronic commutation motor

ELECTRICAL DATA

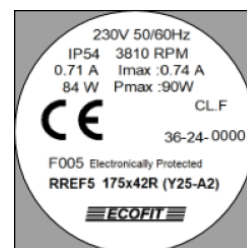
Voltage (V)	230
Frequency (Hz)	50/60
Current (A)	0.71
Maximum current (A)	0.74
Power (W)	84
Maximum power (W)	90
Speed rotation (RPM)	3810
Cos Φ	0.514
Temperature min/max (°C)	-20/+60



MARKING & STANDARDS

Conformity

- **CE** RT7192CE EN 60335-1, IEC 60335-1, EN 60331-2-80, IEC 60335-2-80



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

Issued: 2025-01-22 at 12:03 Documentations and pictures are non contractual, all the data of the technical file and the drawing are subject to change.

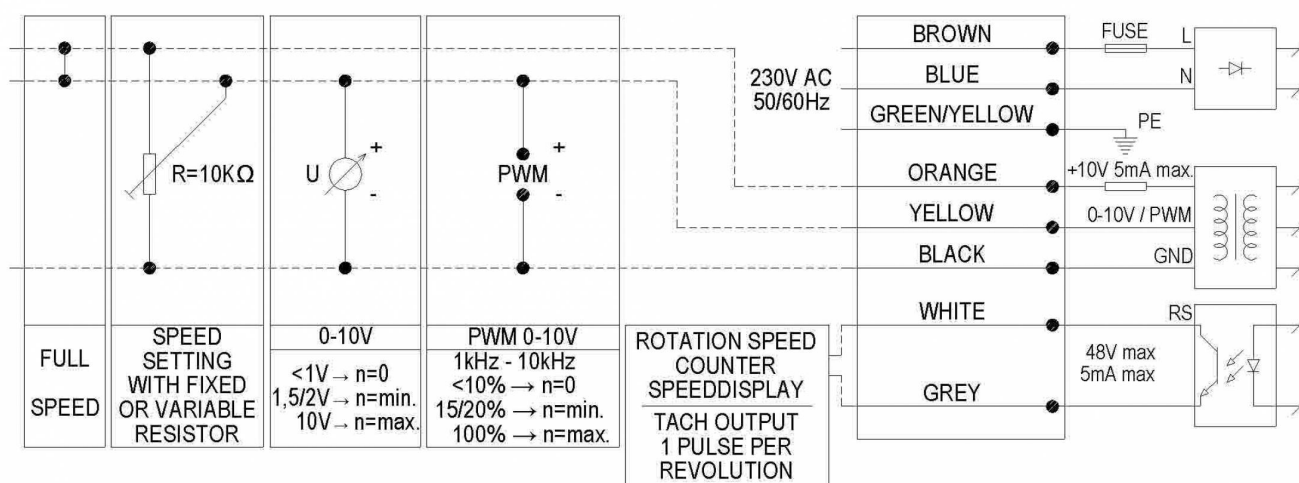
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TECHNICAL DATA

Description

- Weight: 1.00 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 608ZZ
- Balance level: G2.5

Wiring diagram



Finishes

- Rotor electrolytic galvanizing protection
- PP UL 94 V-0 plastic impeller

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ADDITIONAL DATA

Optional accessories

- 16290 | Inlet cone

Documentations

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

Measurement setup

- Ouie 16290-0

ERP DATA

ErP Directive ErP (EU 2009/125/EC) not applicable:

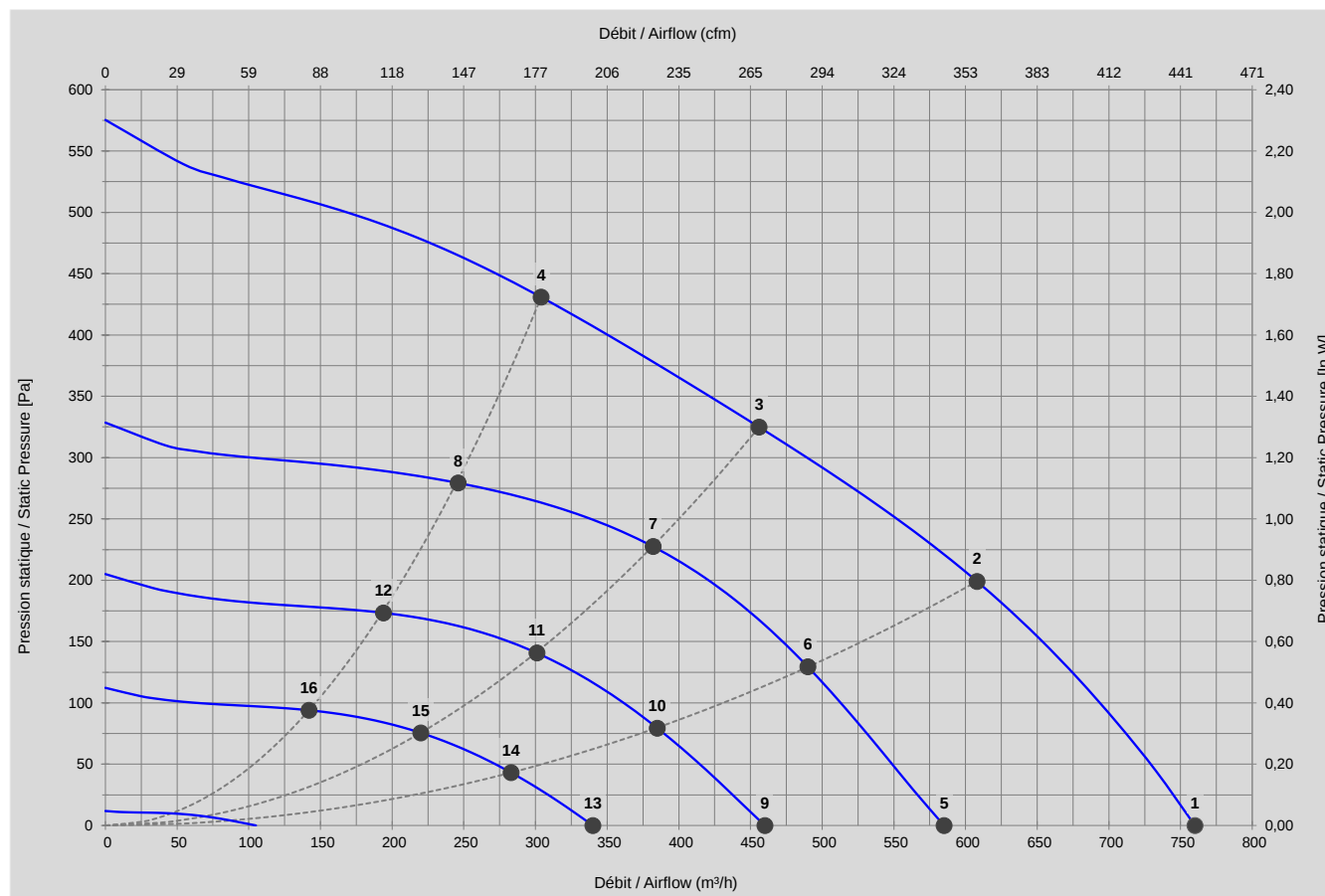
- Power at optimum energy efficiency point <125W

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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	84	3810	760	0	447	0,000	71
2	230	10	50/60	88	3622	608	199	358	0,797	62
3	230	10	50/60	88	3496	456	325	268	1,302	62
4	230	10	50/60	89	3626	304	431	179	1,726	68
5	230	8	50/60	41	2945	585	0	344	0,000	66
6	230	8	50/60	49	2944	490	129	288	0,518	58
7	230	8	50/60	53	2944	382	227	225	0,911	58
8	230	8	50/60	49	2942	246	279	145	1,119	61
9	230	6	50/60	22	2325	460	0	271	0,000	62
10	230	6	50/60	26	2327	385	79	227	0,318	54
11	230	6	50/60	28	2325	301	141	177	0,563	53
12	230	6	50/60	25	2323	194	173	114	0,695	54
13	230	4	50/60	11	1720	340	0	200	0,000	60
14	230	4	50/60	12	1723	283	43	167	0,173	49
15	230	4	50/60	12	1720	220	76	129	0,302	46
16	230	4	50/60	12	1718	142	94	84	0,376	47

* 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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