

# Technical data sheet

Revision b  
Revision 01/2024

**ECOFIT**

by

**rosenberg**  
THE AIR MOVEMENT GROUP  
VENDOME

Model  
**U24-C4 p**

replace D05-B5

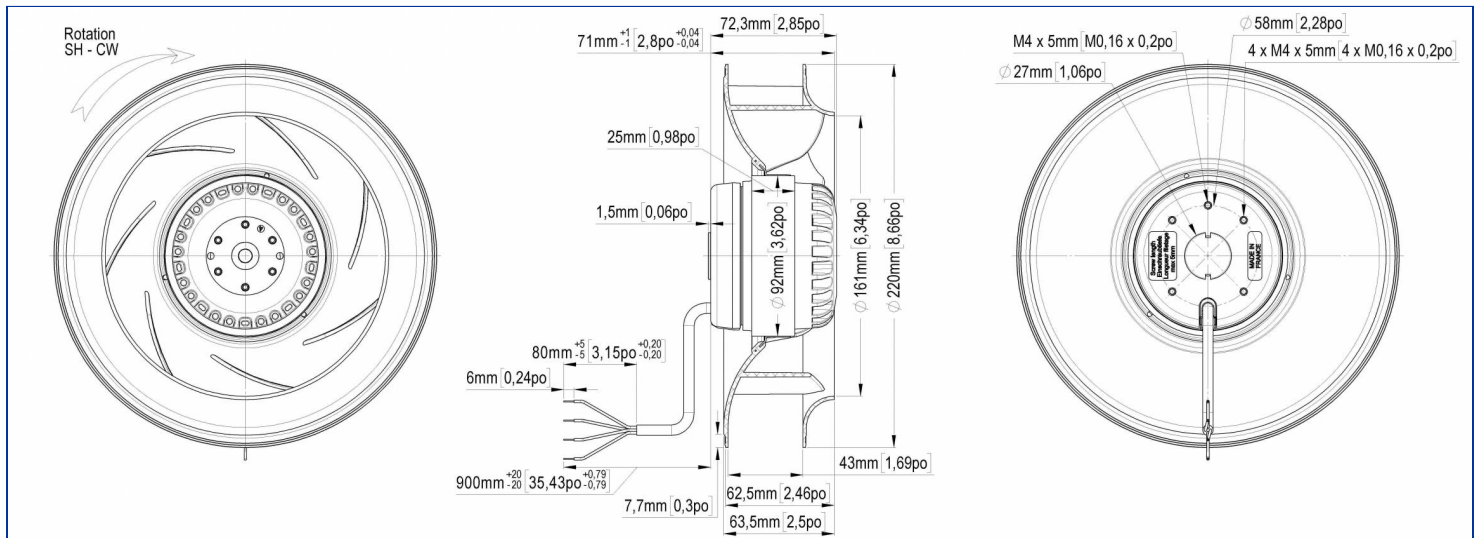


Designation **2RREu25 220x43R**

Range Backward curved centrifugal fans with single phase asynchronous motor

## ELECTRICAL DATA

Speed	SGV	SGV
Tension (V)	115	115
Frequency (Hz)	50	60
Current (A)	0.79	1.00
Maximum current (A)	0.98	1.22
Power (W)	86	114
Maximum power (W)	99	127
Rotation (RPM)	2505	2685
Cos Φ	0.947	0.991
Temperature min/max (°C)	-40/+70	-40/+70
Capacitor (µF)	8.00	8.00
U_condo (V)	250	250



## MARKING & STANDARDS

### Conformity

- CE
- UKCA
- UL 2RS925 2111 REC92  
MonoPhasé/Single Phase (XEWR2,8)  
File number E135223



The product is manufactured in accordance with EN 60335-1, UL2111, and RoHS directive 2015/863/CE  
IP class according to EN 60034-5 to be checked with operation and installation

Issued: 2024-01-22 at 08:23 Documentations and pictures are non contractual, all the data of the technical file and the drawing are subject to change.

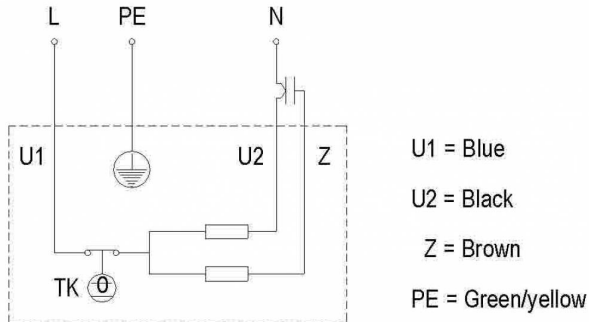
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TECHNICAL DATA

Description

- Weight: 1.90 kg
- With Condensat Drain Holes
- Class F
- Protection level: 44 | Protection against ingress of solid with diameter  $\geq 1$  mm / Protection against ingress of water : splashing
- Motor's protection T150° C UL Automatic reset
- Bearing type: 2 ball bearings 608ZZ
- Balance level: G2.5

Wiring diagram



Finishes

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



by



## ADDITIONAL DATA

### Accessories

- 19201. | Capacitor
- 16291 | Inlet cone

### Documentations

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

### Measurement setup

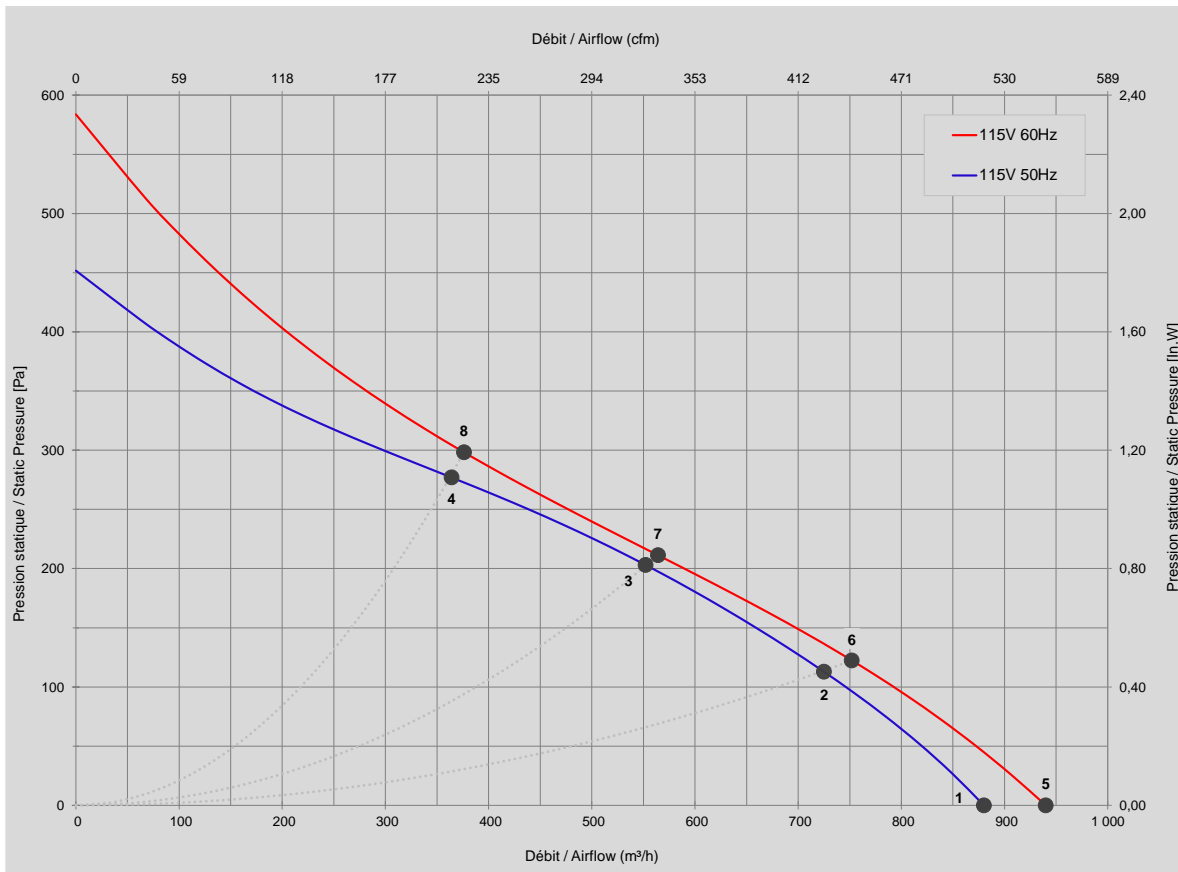
- Ouie 16291-0 Ouie P/Turb. Ø220 E-Wheel

## ERP DATA

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

- Power at optimum energy efficiency point <125W

TECHNICAL DATA



Mesures / Measured Values \*

	Un (V)	F (Hz)	C (µF)	P (W)	n (RPM)	Q (m³/h)	P (Pa)	Q (cfm)	P (In.W)	Lp <sub>m</sub> (dBA)
1	115	50	8	86	2505	880	0	518	0,000	64
2	115	50	8	95	2387	725	113	427	0,452	61
3	115	50	8	99	2330	552	203	325	0,814	58
4	115	50	8	96	2362	364	277	214	1,110	58
5	115	60	8	114	2685	940	0	553	0,000	65
6	115	60	8	123	2481	752	122	443	0,490	62
7	115	60	8	127	2381	564	211	332	0,847	58
8	115	60	8	125	2443	376	298	221	1,195	61

\* 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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