

Technical data sheet

Revision b
Revision 10/2023

ECOFIT

by

rosenberg
THE AIR MOVEMENT GROUP
VENDOME

Model
P38-C3 p

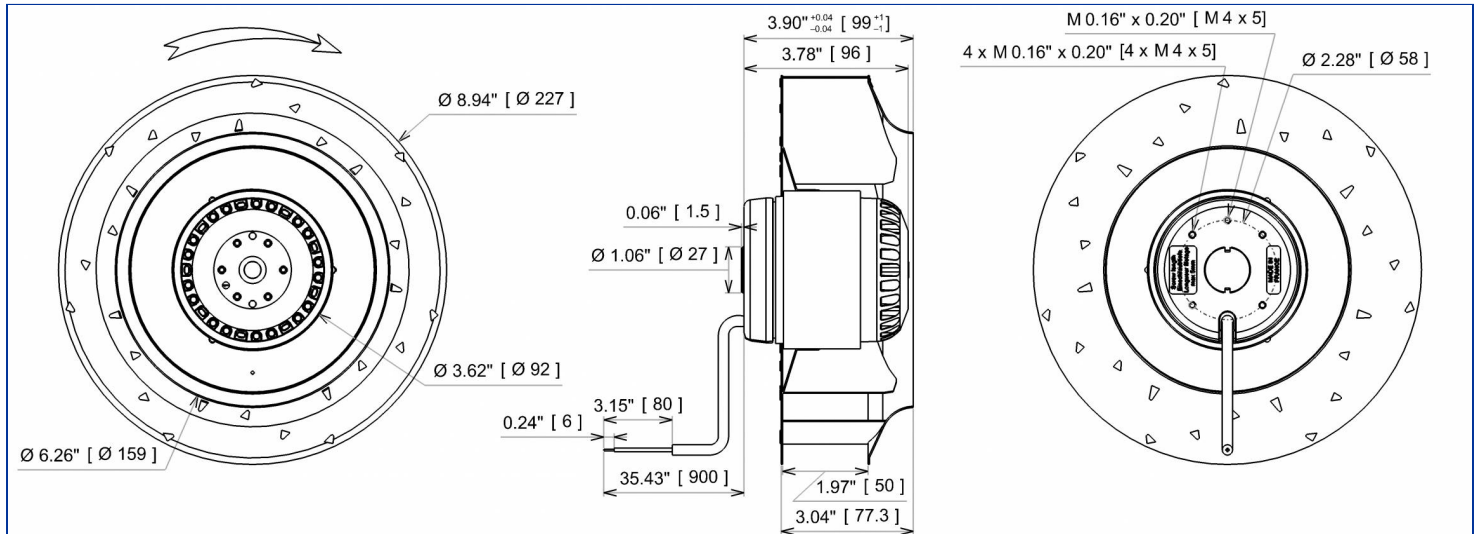


Designation **2RREu45 225x50R (120V)**

Range Backward curved centrifugal fans with single phase asynchronous motor

ELECTRICAL DATA

Speed		
Tension (V)	120	120
Frequency (Hz)	50	60
Current (A)	1.06	1.53
Maximum current (A)	1.51	2.20
Power (W)	125	178
Maximum power (W)	163	239
Rotation (RPM)	2840	3305
Cos Φ	0.983	0.969
Temperature min/max (°C)	-40/+70	-40/+70
Capacitor (µF)	20.00	20.00
U_condo (V)	250	250



MARKING & STANDARDS

Conformity

- **CE**
- **UKCA**
- **UL 2RS945 2111 REC92 MonoPhase (XEW2,8)**
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: 2023-10-26 at 11:55 Documentations and pictures are non contractual, all the data of the technical file and the drawing are subject to change.

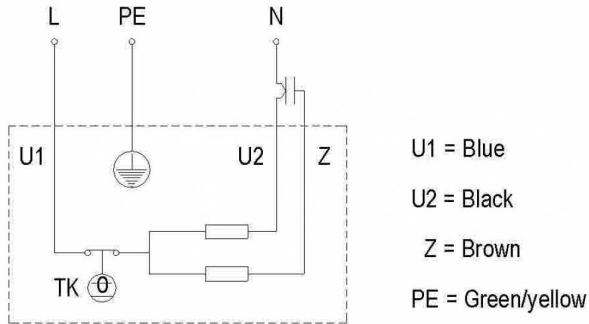
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TECHNICAL DATA

Description

- Weight: 3.00 kg
- With Condensat Drain Holes
- Class F
- Protection level: 44 | Protection against ingress of solid with diameter ≥ 1 mm / Protection against ingress of water : splashing
- Motor's protection T150° C UL Automatic reset
- Bearing type: 2 ball bearings 608ZZ + 6000ZZ
- Balance level: G2.5

Wiring diagram



Finishes

- Rotor : black paint
- Galvanized steel impeller
- Motor - UL Recognized component

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ADDITIONAL DATA

Accessories

- 19252 | Capacitor
- 21194 | Finger guard
- 16236 | Inlet cone

Documentations

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

Measurement setup

- Ouie 16236-0 Ouie Ø261Ex Ø150.5 int galva

ERP DATA

Data according to ErP directive

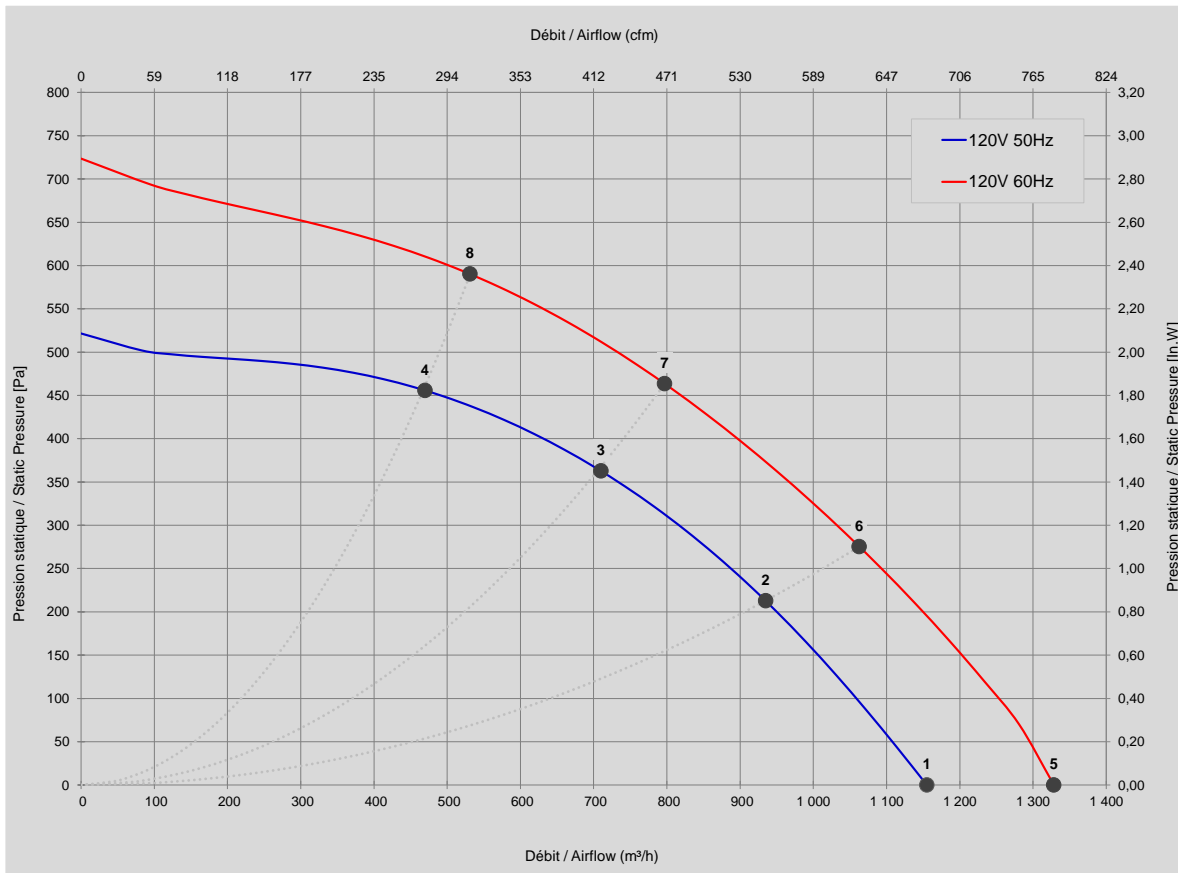
- Designed for standard applications according to the directiv EU 2009/125/EC

Tension	120 V
Frequency	50 Hz
Power ¹	0.163 kW
Airflow ¹	701 m3/h
Pressure ¹	369 Pa
Rotation ¹	2745 RPM
Catégorie de mesure	A
Catégorie de rendement	total
Variateur de vitesse	No
Rapport spécifique	1.00

	Actual	2015
Rendement global	44.1	43.2
Niveau de rendement	63	62

¹ at optimum energy efficiency point

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 _m (dBA)
1	120	50	20	125	2840	1 155	0	680	0,000	72
2	120	50	20	152	2773	935	213	550	0,852	67
3	120	50	20	163	2745	710	363	418	1,453	63
4	120	50	20	155	2765	470	456	277	1,826	64
5	120	60	20	178	3305	1 329	0	782	0,000	76
6	120	60	20	221	3154	1 063	275	626	1,103	71
7	120	60	20	238	3092	797	463	469	1,857	67
8	120	60	20	226	3143	531	590	313	2,364	68

* 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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