

Technical data sheet

Revision a
Revision 10/2022

ECOFIT

by

rosenberg
THE AIR MOVEMENT GROUP
VENDOME

Model
P38-C2 p

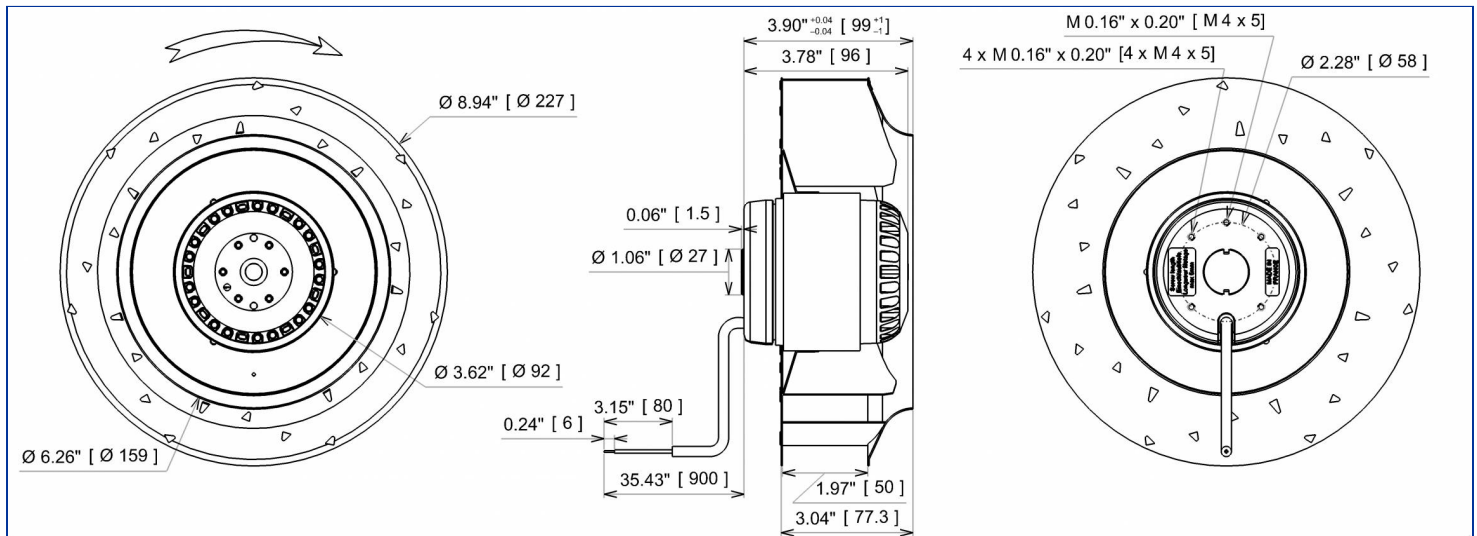


Designation **2RREu45 225x50R**

Range Backward curved centrifugal fans with single phase asynchronous motor

ELECTRICAL DATA

Speed	GV	GV
Tension (V)	230	230
Frequency (Hz)	50	60
Current (A)	0.49	0.72
Maximum current (A)	0.74	1.08
Power (W)	110	165
Maximum power (W)	151	225
Rotation (RPM)	2860	3315
Cos Φ	0.976	0.996
Temperature min/max (°C)	-40/+70	-40/+70
Capacitor (µF)	4.00	4.00
U_condo (V)	400	400



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: 2022-10-03 at 10:46 Documentations and pictures are non contractual, all the data of the technical file and the drawing are subject to change.

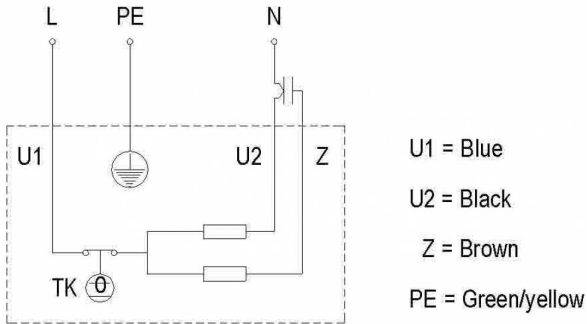
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TECHNICAL DATA

Description

- Weight: 2.60 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

- 19220 | 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

Tension	230 V
Frequency	50 Hz
Power ¹	0.149 kW
Airflow ¹	757 m3/h
Pressure ¹	308 Pa
Rotation ¹	2739 RPM
Catégorie de mesure	A
Catégorie de rendement	total
Variateur de vitesse	No
Rapport spécifique	1.00

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

	Actual	2015
Rendement global	43.5	42.8
Niveau de rendement	63	62

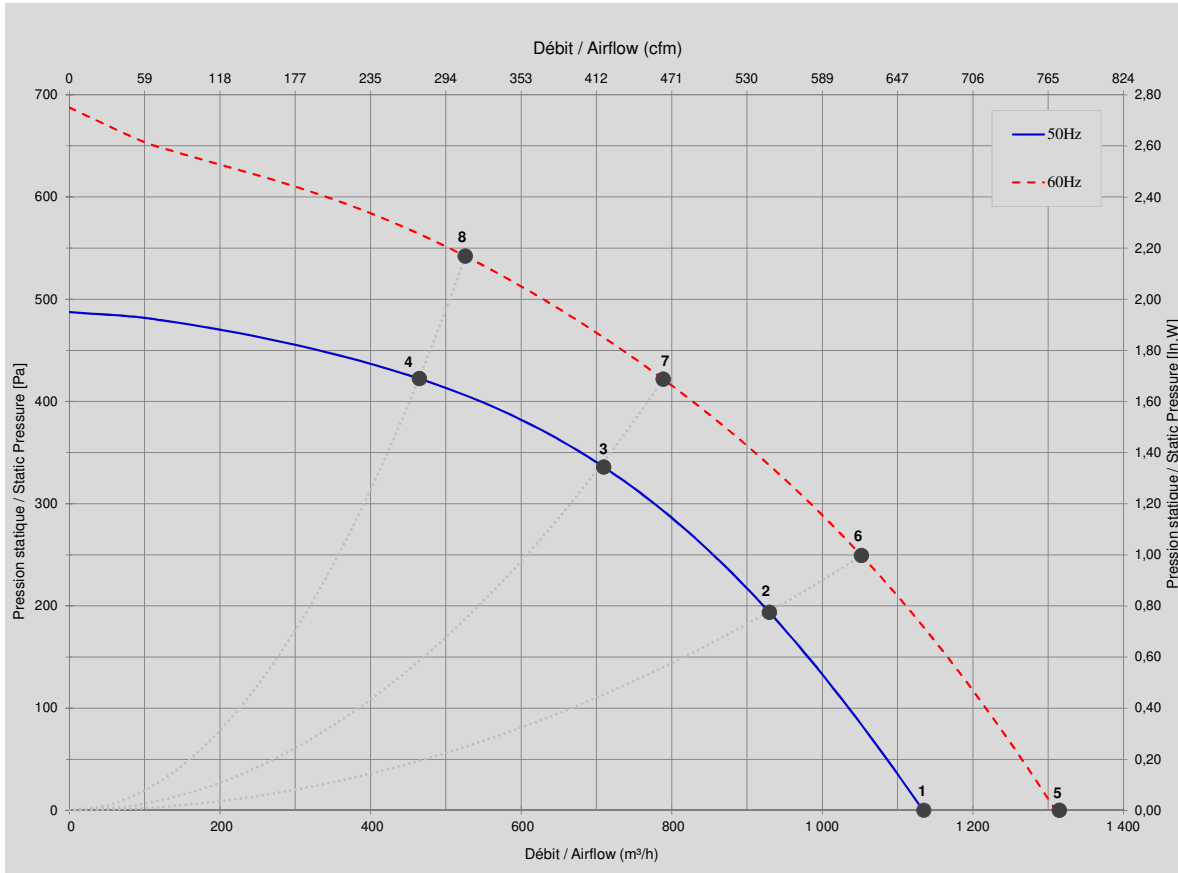
¹ at optimum energy efficiency point

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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 _{in} (dBA)
1	230	50	4	110	2860	1 135	0	668	0,000	72,0
2	230	50	4	137	2777	930	193	547	0,775	68,0
3	230	50	4	150	2747	710	336	418	1,345	65,0
4	230	50	4	144	2767	465	422	274	1,692	64,0
5	230	60	4	165	3315	1 315	0	774	0,000	76,0
6	230	60	4	205	3164	1 052	249	619	0,998	71,0
7	230	60	4	224	3067	789	422	464	1,689	67,0
8	230	60	4	214	3115	526	542	310	2,172	68,0

* 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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