

Technical data sheet

Revision 0
Revision 09/2023

ECOFIT

by

rosenberg
THE AIR MOVEMENT GROUP
VENDÔME

Model
Y34-A3 p

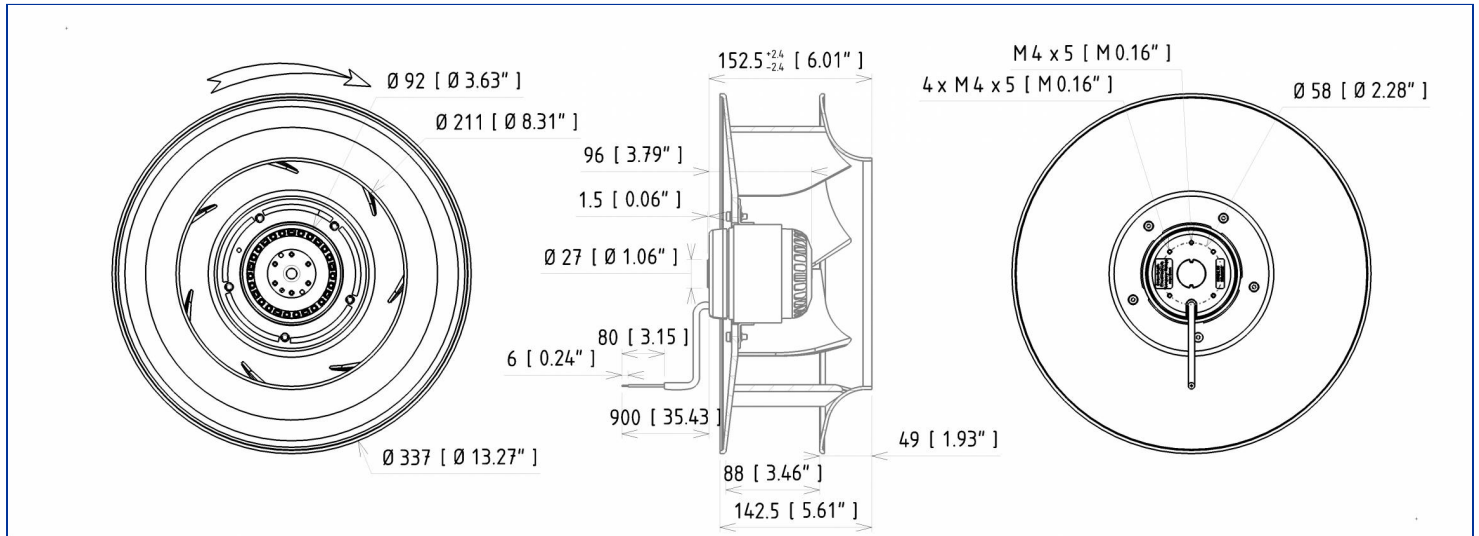


Designation **4RREu45 315x88R**

Range Backward curved centrifugal fans with single phase asynchronous motor

ELECTRICAL DATA

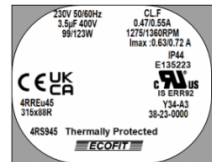
Speed		
Tension (V)	230	230
Frequency (Hz)	50	60
Current (A)	0.47	0.55
Maximum current (A)	0.63	0.72
Power (W)	99	123
Maximum power (W)	122	144
Rotation (RPM)	1275	1360
Cos Φ	0.916	0.972
Temperature min/max (°C)	-40/+70	-40/+70
Capacitor (µF)	3.50	3.50
U_condo (V)	400	400



MARKING & STANDARDS

Conformity

- CE
- UKCA
- UL 4RS945 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: 2023-09-27 at 16:26 Documentations and pictures are non contractual, all the data of the technical file and the drawing are subject to change.

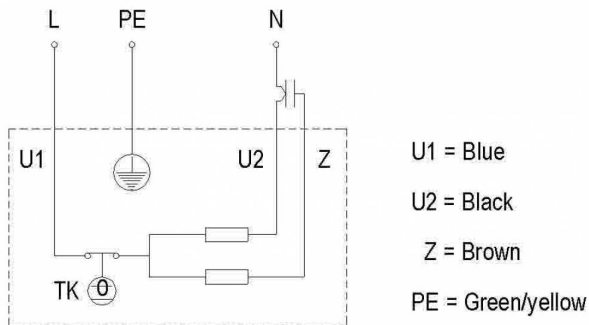
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TECHNICAL DATA

Description

- Weight: 3.71 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
- PP plastic impeller
- Motor - UL Recognized component



by



ADDITIONAL DATA

Accessories

- 19232 | Capacitor
- 21369 | Finger guard
- 16265 | Inlet cone

Documentations

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

Measurement setup

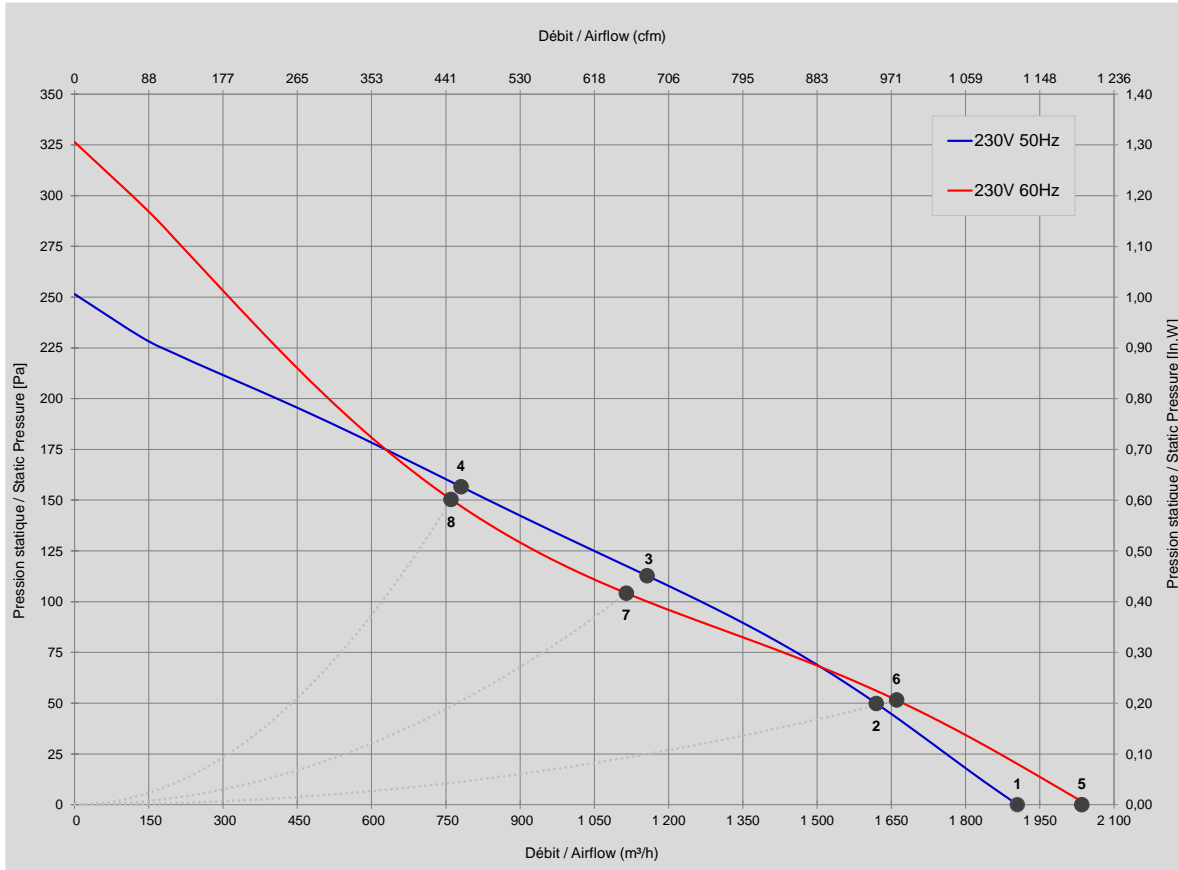
- Ouie 16265-0 OUIE Ø307ext.Ø203 int.H=50*

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 _m (dBA)
1	230	50	3,5	99	1275	1 905	0	1 121	0,000	61
2	230	50	3,5	109	1220	1 620	50	954	0,200	60
3	230	50	3,5	122	1146	1 157	113	681	0,452	53
4	230	50	3,5	119	1163	781	157	460	0,627	52
5	230	60	3,5	123	1360	2 035	0	1 198	0,000	62
6	230	60	3,5	133	1250	1 661	51	978	0,206	59
7	230	60	3,5	144	1097	1 115	104	656	0,417	55
8	230	60	3,5	142	1137	761	150	448	0,602	52

* 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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