

Author: G. REZOHIER

Date of the revision 2024-12-03: UKCA removal

RANGE: Backward curved centrifugal fans with single phase asynchronous motor

OEP	Test	LF41Mb	Customer	FANDIS
	Winding	F20	Reference	
Drawing of the product	BIS_V37-A1-p_I=0.PDF		Designation	2RRE15 192x40R



ELECTRICAL DATA

Speed	GV	GV
Voltage (V)	115	115
Frequency (Hz)	50	60
Current (A)	0.46	0.55
Maximum current (A)	0.55	0.66
Power (W)	50	63
Maximum power (W)	55	69
Speed rotation (RPM)	2480	2730
Cos Φ	0.945	0.996
Temperature min/max (°C)	-20/+70	-20/+70
Capacitor (μF)	6.00	6.00
U_condo (V)	400	400
Comments	free airflow	free airflow

Winding temperature cold (Temperature at 20°C, tolerances 7%)

PP	PA
36.0 Ohm	60.0 Ohm

Temperature variation ()

F (Hz)	Average elevation (°K)	Speed
50 Hz	43 °K	GV
60 Hz	36 °K	GV

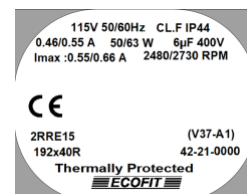
Dielectric strength 1300 VAC 60 seconds

Direction of rotation CW

MARKING & STANDARDS

Conformity

- CE



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TECHNICAL DATA

Description

- Weight: 1.30 kg
- With Condensat Drain Holes
- Class F
- Ingress Protection : IP 44 | Protection against ingress of solid with diameter ≥ 1 mm / Protection against ingress of water : splashing
- Motor's protection T150° C Automatic reset
- Bearing type: 2 ball bearings 608ZZ
- Balance level: G2.5

Special features

- any

Limiting conditions of operation

- any

ADDITIONAL DATA

Documentations

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

Measurement setup

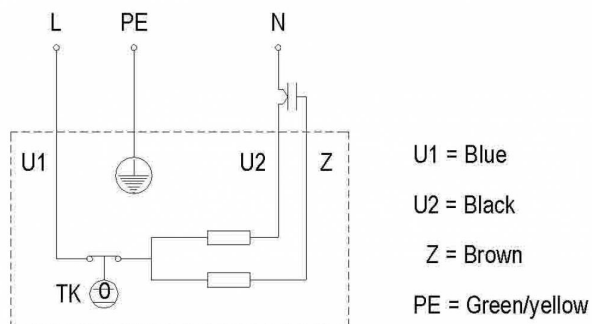
- Ouie 16290-0

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CONNECTORS

Wiring diagram



ERP DATA

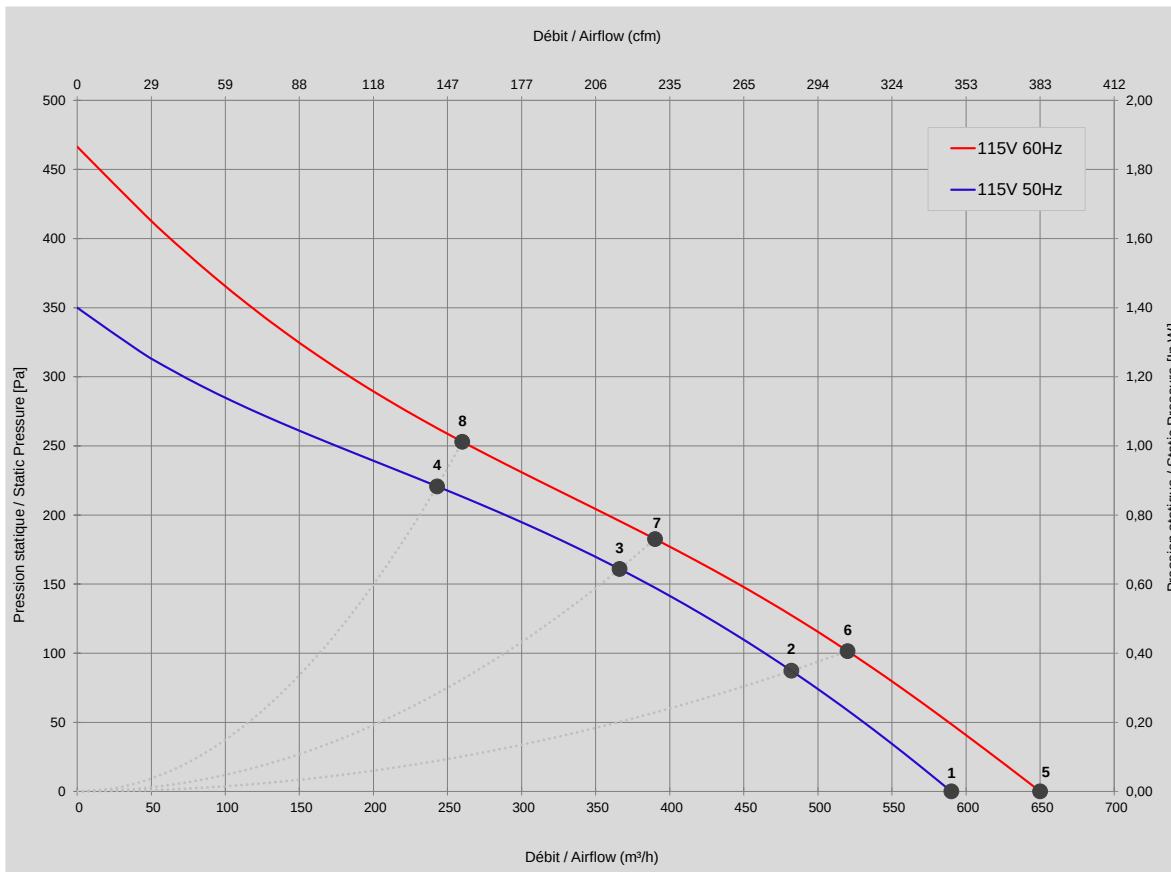
ErP Directive ErP (EU 2009/125/EC) not applicable:

- Power at optimum energy efficiency point <125W

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TECHNICAL DATA

**Mesures / Measured Values ***

	Un (V)	F (Hz)	C (µF)	P (W)	n (RPM)	Q (m³/h)	P (Pa)	Q (cfm)	P (in.W)	Lp _m (dBA)
1	115	50	6	50	2480	590	0	347	0,000	63
2	115	50	6	53	2403	482	87	284	0,350	58
3	115	50	6	55	2350	366	161	215	0,645	53
4	115	50	6	54	2387	243	221	143	0,884	55
5	115	60	6	63	2730	650	0	383	0,000	64
6	115	60	6	67	2592	520	102	306	0,407	60
7	115	60	6	69	2499	390	183	230	0,732	55
8	115	60	6	68	2559	260	253	153	1,014	57

* 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.