

Technical data sheet

Revision i
Revision 05/2023

ECOFIT

by

rosenberg
THE AIR MOVEMENT GROUP
VENDÔME

Model
Z18-21 p

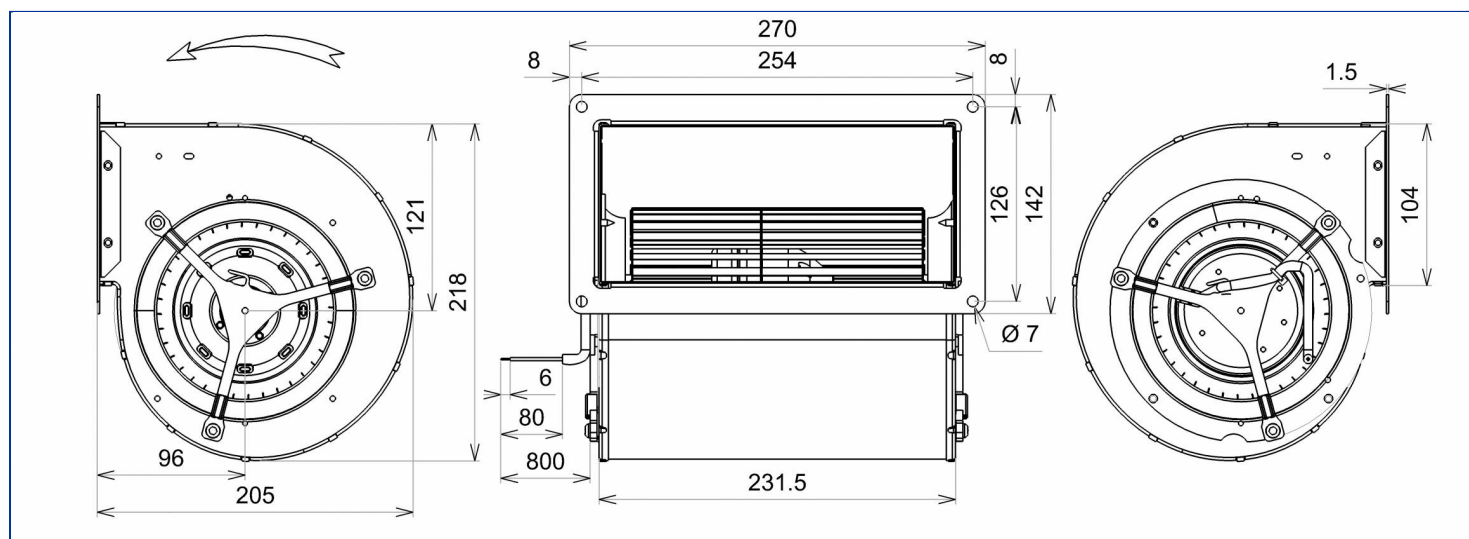


Designation **4GDS25 133x190L**

Range Double inlet centrifugal fans with single phase asynchronous motor

ELECTRICAL DATA

Speed		
Tension (V)	230	230
Frequency (Hz)	50	60
Current (A)	0.35	0.41
Maximum current (A)	0.39	0.45
Power (W)	78	94
Maximum power (W)	78	94
Rotation (RPM)	1140	1200
Cos Φ	0.969	0.997
Temperature min/max (°C)	-20/+70	-20/+70
Capacitor (µF)	2.00	2.00
U_condo (V)	400	400



MARKING & STANDARDS

Conformity

- CE
- UKCA



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

Issued: 2023-05-31 at 08:48 Documentations and pictures are non contractual, all the data of the technical file and the drawing are subject to change.

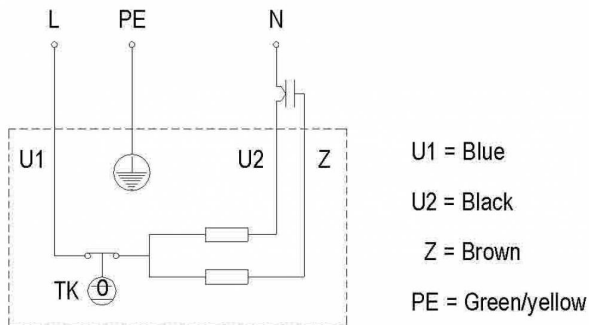
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TECHNICAL DATA

Description

- Weight: 3.80 kg
- Without 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 Automatic reset
- Bearing type: 2 ball bearings 608ZZ
- Balance level: G2.5

Wiring diagram



Finishes

- Galvanized steel impeller
- Galvanized scroll and frame

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ADDITIONAL DATA

Accessories

- 19008 | Capacitor
- 21338 | Finger guard

Documentations

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

Measurement setup

- Scroll 15278-b VOL VHD232 H18

ERP DATA

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

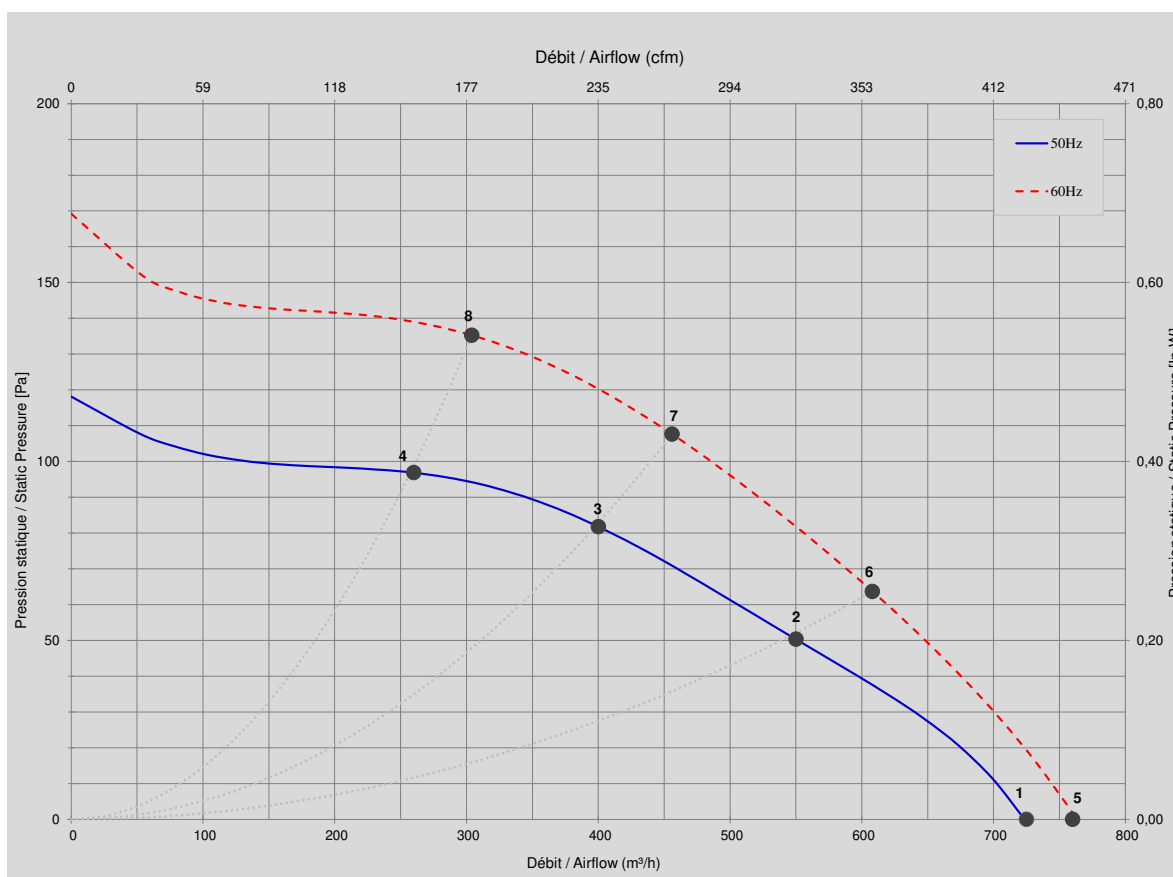
- Power at optimum energy efficiency point <125W

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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 _{in} (dBA)
1	230	50	2	78	1140	725	0	427	0,000	63,0
2	230	50	2	70	1272	550	50	324	0,202	59,2
3	230	50	2	66	1341	400	82	235	0,328	57,9
4	230	50	2	62	1391	260	97	153	0,388	56,6
5	230	60	2	94	1200	760	0	447	0,000	64,5
6	230	60	2	85	1417	608	64	358	0,255	62,2
7	230	60	2	77	1536	456	108	268	0,431	61,4
8	230	60	2	71	1629	304	135	179	0,542	60,0

* 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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