

Technical data sheet

Revision a
Revision 10/2024

ECOFIT

by

rosenberg
THE AIR MOVEMENT GROUP
VENDÔME

Part-number
U35-A1-1

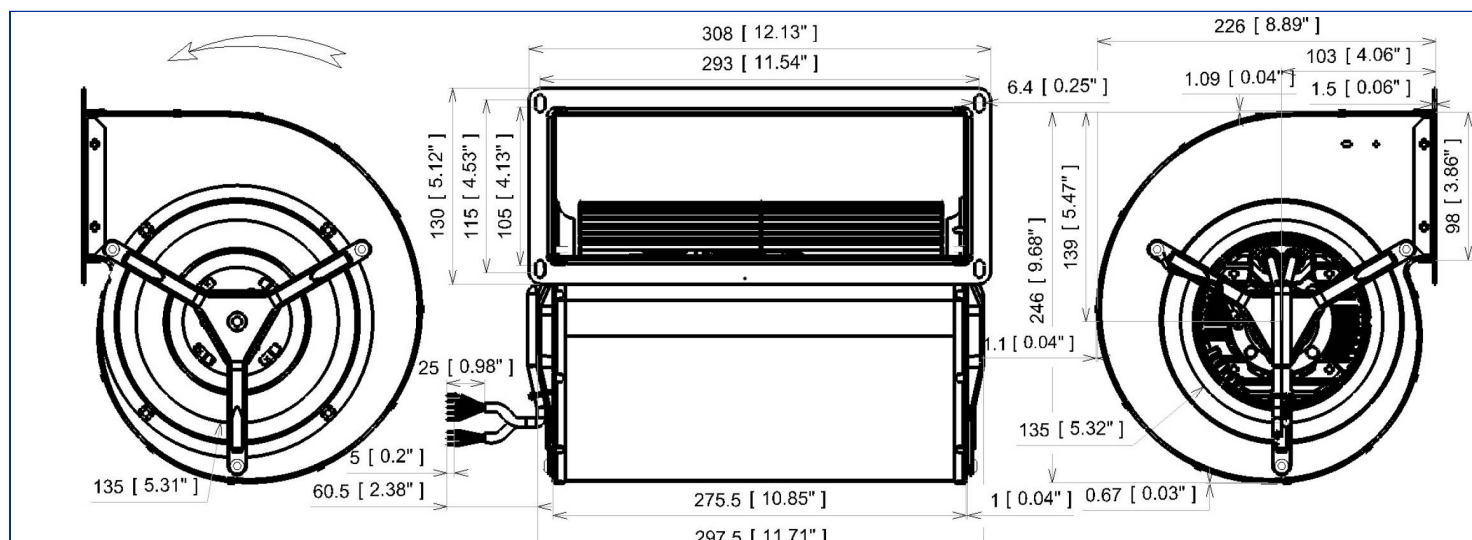


Designation **GDSuV8 160x242L**

Range Double inlet centrifugal fans with electronic commutation motor

ELECTRICAL DATA

Voltage (V)	230
Frequency (Hz)	50/60
Current (A)	1.33
Maximum current (A)	1.47
Power (W)	300
Maximum power (W)	300
Speed rotation (RPM)	1620
Cos Φ	0.981
Temperature min/max (°C)	-20/+60



MARKING & STANDARDS

Conformity

- CE** RT9382CE IEC 60335-2-80, IEC 60335-1, EN 60331-2-80, EN 60335-1
- UL** RT9382 UL1004-1, 2nd edition rotating electrical machine
File number E326930

ECOFIT	cULUS	CE
GDSuV8 160x242L (09-277)	RT9382	RT9382CE
230V 50/60Hz CL.F		Ambient max 50°C
1.33A 300W 1620RPM IP54		0 max+50.5%
Pmax 300W		A/C
I max 1.47 A V018		200 Turns
Electronically Protected		IS EBR92
U35-A1		VSD Integrated
		42-34 0000

The product is manufactured in accordance with EN 60335-1, UL1004-1, and RoHS directiv 2015/863/CE
IP class according to EN 60034-5 to be checked with operation and installation

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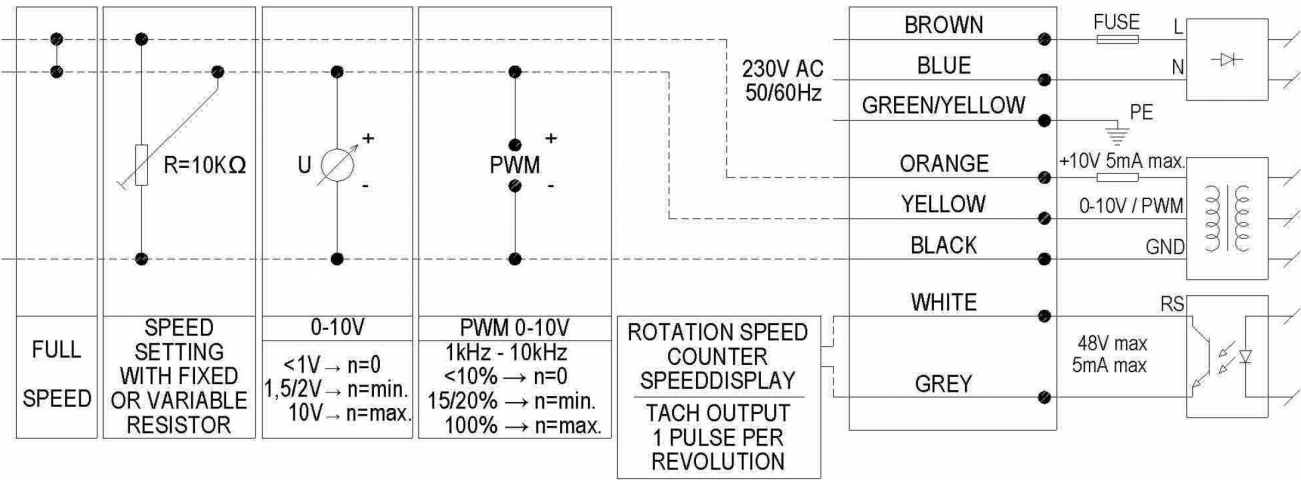
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TECHNICAL DATA

Description

- Weight: 6.10 kg
- Class F
- Ingress Protection : IP 54 | Protection against ingress of dust / Protection against ingress of water : splashing
- Motor's protection Electronically protected UL
- Bearing type: 2 ball bearings 6000ZZ
- Balance level: G2.5

Wiring diagram



Finishes

- Galvanized steel scroll housing

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ADDITIONAL DATA

Optional accessories

- 21291 | Finger guard

Documentations

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

Measurement setup

- Special 15429-0 TLD200 ES

ERP DATA

Data according to ErP directive

Voltage	230	V
Frequency	50/60	Hz
Power ¹	0.297	kW
Airflow ¹	1020	m3/h
Pressure ¹	470	Pa
Speed rotation ¹	2432	RPM
Installation category	A	
Efficiency category	total	
Variable speed driver	Yes	
Special ratio	1.00	

	Actual	2015
Overall efficiency	50.5	34.3
Efficiency grade	60	44

¹ at optimum energy efficiency point

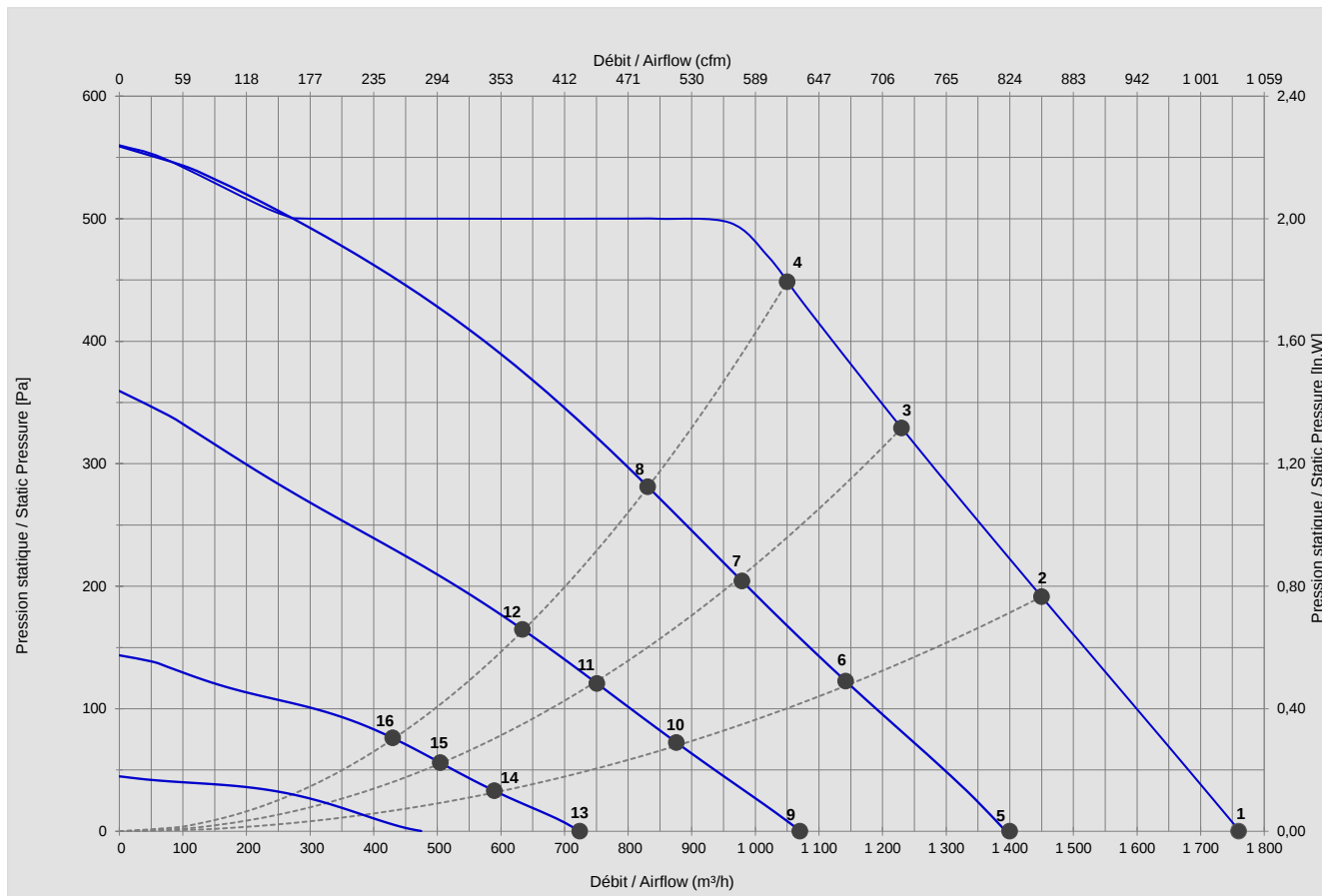
- Designed for standard applications according to the directive EU 2009/125/EC

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TECHNICAL DATA



Mesures / Measured Values*

	Un (V)	Vctl (Vdc)	F (Hz)	P (W)	n (RPM)	Q (m³/h)	P (Pa)	Q (cfm)	P (in.W)	Lp _n (dBA)
1	230	10	50/60	300	1620	1 760	0	1 036	0,000	69,0
2	230	10	50/60	300	1950	1 450	191	853	0,767	69,0
3	230	10	50/60	298	2160	1 230	329	724	1,319	67,0
4	230	10	50/60	300	2405	1 050	448	618	1,797	67,0
5	230	8	50/60	156	1300	1 400	0	824	0,000	64,0
6	230	8	50/60	154	1556	1 142	123	672	0,491	64,0
7	230	8	50/60	154	1729	979	204	576	0,818	62,0
8	230	8	50/60	153	1901	831	281	489	1,127	62,0
9	230	6	50/60	74	1010	1 070	0	630	0,000	58,0
10	230	6	50/60	74	1203	876	72	516	0,290	56,8
11	230	6	50/60	74	1337	751	121	442	0,483	56,0
12	230	6	50/60	73	1465	634	165	373	0,660	56,0
13	230	4	50/60	27	705	724	0	426	0,000	
14	230	4	50/60	28	832	590	33	347	0,132	
15	230	4	50/60	28	925	505	56	297	0,224	
16	230	4	50/60	29	1009	430	76	253	0,305	

* 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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