

# Technical Data Sheet

CODE 41154

E 454 T

Low-pressure plate axial fans



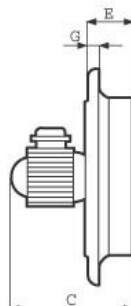
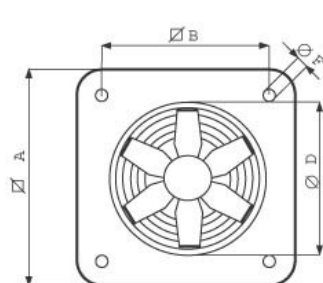
## Certifications



## TECHNICAL AND PERFORMANCE DATA

Absorbed Current at 220 V (A)	0,69	Max Temperature of Exhaust Air (Continuous Operation)	70
Absorbed Current at 240 V (A)	0,72	Motor IP protection	44
Absorbed Current at 380 V (A)	0,40	Nominal Diameter (mm)	450
Absorbed Current at 415 V (A)	0,42	Number of Poles	4
Absorbed Current max (A)	0,72	Voltage (V)	220/380 240/415
Absorbed power at 220-380 V (W)	230	Weight (Kg)	7,5
Absorbed power at 240-415 V (W)	240	Delivery max (l/s)	1083
Absorbed Power max (W)	240	Delivery max (m <sup>3</sup> /h)	3900
Frequency (Hz)	50	Pressure max (mmH2O)	15
Insulation Class	1°	Pressure max (Pa)	147
Max ambient temperature for continuous operation (°C)	70	RPM	1400

## DIMENSIONS



Diametro Ø (mm)	450
Size A (mm)	630
Size B (mm)	530
Size C (mm)	269
Size D (mm)	Ø
	460
Size D3 (mm)	Ø
	450
Size E (mm)	85
Size F (mm)	12
Size G (mm)	15

### PER INFORMAZIONI:

Servizio al Cliente: tel +39 02 90699395 premendo 1 dopo messaggio registrato (consulenza su prodotti e impianti)

Pre & Post Vendita: fax +39 02 90699302

Email prevendita: [prevendita@vortice-italy.com](mailto:prevendita@vortice-italy.com)

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## DESCRIPTION

- Nominal diameter 450 mm
- Wall-mounting panel manufactured from phosphated pressed steel, polyester powder coated with hammered effect finish, guaranteeing long-term resistance to atmospheric agents.
- Ventilation port fashioned in one piece with the panel and gauged to optimize air flow.
- Protective grille (in accordance with UNI ISO 13857 standard) combining the function of motor bracket, made of electrically welded steel with epoxy paint finish, colour black. Easy removal simplifies maintenance and cleaning of the fan.
- 1 speed asynchronous three-phase AC motor with shaft turning in double shielded ball bearings, insulation class F.
- Maximum air flow: 3,900 m<sup>3</sup>/h.
- Impeller with 6 wing profile blades keyed to a diecast aluminium hub and dynamically balanced (UNI ISO 1940 – Balancing class 6.3), optimized to deliver maximum performance and low noise levels, moulded from filled polypropylene for superior dimensional stability and resistance to atmospheric agents.
- Vortice speed controller.

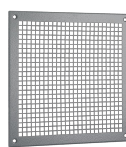
## ACCESSORIES



**IRT 15**  
Code 12923



**PGR 450/500**  
(PERSIANA  
GRAVITA')  
Code 50550



**TRA 450/500**  
(TELAIO CON  
RETE ANTINF.)  
Code 51550



**Iret INVERTER**  
**2,5 M**  
Code 12816

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