

Technical Data Sheet

CODE 41154

E 454 T

Low-pressure plate axial fans



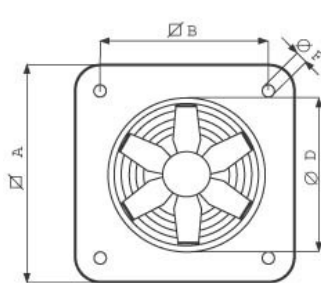
Certifications



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 ATEX marking	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 power at 220-380 V (W)	230	Voltage (V)	220/380 240/415
Absorbed power at 240-415 V (W)	240	Weight (Kg)	7,5
Frequency (Hz)	50	Max airflow (l/s)	1083
Insulation class	I°	Max airflow (m³/h)	3900
Max absorbed current (A)	0,72	Max pressure (mmH2O)	15
Max absorbed power (W)	240	Max pressure (Pa)	147
Max ambient temperature for continuous operation (°C)	70	RPM	1400

DIMENSIONS



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 / FOR INFORMATION

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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 m³/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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