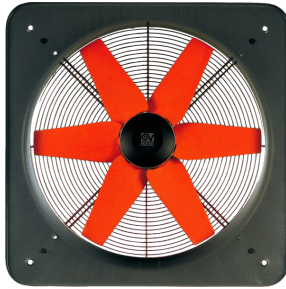


# Technical Data Sheet

CODE 41457

## E 604 T

Low-pressure plate axial fans



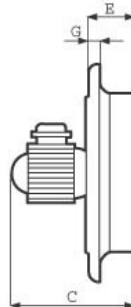
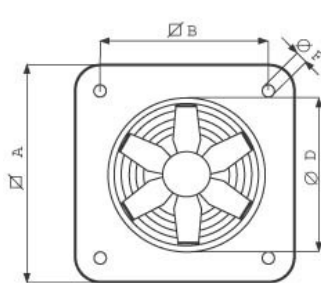
### Certifications



### TECHNICAL AND PERFORMANCE DATA

|   |      |   |                 |
|---|------|---|-----------------|
| Absorbed current at 220 V (A)                         | 1,00 | Max temperature of exhaust air (continuous operation) | 70              |
| Absorbed current at 240 V (A)                         | 1,00 | Motor ATEX marking                                    | 44              |
| Absorbed current at 380 V (A)                         | 0,62 | Nominal diameter (mm)                                 | 630             |
| Absorbed current at 415 V (A)                         | 0,62 | Number of poles                                       | 4               |
| Absorbed power at 220-380 V (W)                       | 360  | Voltage (V)   | 220/380 240/415 |
| Absorbed power at 240-415 V (W)                       | 380  | Weight (Kg)   | 10              |
| Frequency (Hz)  | 50   | Max airflow (l/s)                                     | 2139            |
| Insulation class                                      | I°   | Max airflow (m³/h)                                    | 7700            |
| Max absorbed current (A)                              | 1,00 | Max pressure (mmH2O)                                  | 14,5            |
| Max absorbed power (W)                                | 380  | Max pressure (Pa)                                     | 142             |
| Max ambient temperature for continuous operation (°C) | 70   | RPM   | 1400            |

### DIMENSIONS



|              |       |
|--------------|-------|
| Ø (mm)       | 630   |
| Size A (mm)  | 760   |
| Size B (mm)  | 630   |
| Size C (mm)  | 283   |
| Size D (mm)  | Ø 610 |
| Size D3 (mm) | Ø 600 |
| Size E (mm)  | 100   |
| 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

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## E 604 T

Low-pressure plate axial fans



### DESCRIPTION

- Nominal diameter 600 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: 7,700 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 600 (PERSIANA GRAVITA')

Code 50650



#### TRA 600 (TELAIO CON RETE ANTINF.)

Code 51650



#### IRET INVERTER 2,5 M

Code 12816

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