

# Technical Data Sheet

CODE 42336

## A-E 564 T

Compact plate axial fans



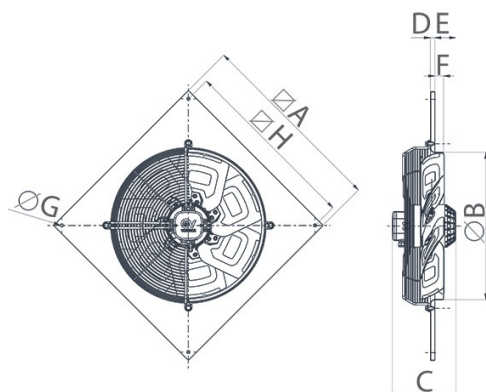
### Certifications



## Technical and performance data

|                                                       |      |                                                          |         |
|-------------------------------------------------------|------|----------------------------------------------------------|---------|
| Frequency (Hz)                                        | 50   | Voltage (V)                                              | 380-415 |
| Insulation class                                      | I°   | Weight (Kg)                                              | 14,8    |
| IP                                                    | 54   | Max airflow (l/s)                                        | 2570    |
| Max absorbed current (A)                              | 1,71 | Max airflow (m³/h)                                       | 9255    |
| Max absorbed power (W)                                | 925  | Max pressure (Pa)                                        | 285     |
| Max ambient temperature for continuous operation (°C) | 40   | Max pressure at Max speed (mmH2O)                        | 29,0    |
| Motor protection IP                                   | 54   | RPM                                                      | 1400    |
| Nominal diameter (mm)                                 | 560  | Sound power Lw [dB(A)]                                   | 75,4    |
| Number of phases (Ph)                                 | 3    | Sound pressure at 1m calculated in free field Lp [dB(A)] | 64,4    |
| Number of poles                                       | 4    | Sound pressure at 3m calculated in free field Lp [dB(A)] | 54,9    |

## Dimensions



|             |     |
|-------------|-----|
| Size A (mm) | 725 |
| Size B (mm) | 563 |
| Size C (mm) | 218 |
| Size D (mm) | 15  |
| Size E (mm) | 67  |
| Size F (mm) | 30  |
| Size G (mm) | 11  |
| Size H (mm) | 675 |

### PER INFORMAZIONI / FOR INFORMATION

#### ITALY

Pre Sales:  
[prevendita@vortice-italy.com](mailto:prevendita@vortice-italy.com)  
After Sales:  
[postvendita@vortice-italy.com](mailto:postvendita@vortice-italy.com)

#### UNITED KINGDOM & REP. OF IRELAND

Sales Dept:  
[sales@vortice.ltd.uk](mailto:sales@vortice.ltd.uk)  
Technical Dept:  
[technical@vortice.ltd.uk](mailto:technical@vortice.ltd.uk)

#### OTHER COUNTRIES

Sales Dept:  
[export@vortice-italy.com](mailto:export@vortice-italy.com)  
After Sales:  
[after-sales@vortice-italy.com](mailto:after-sales@vortice-italy.com)

# Technical Data Sheet

CODE 42336

## A-E 564 T

Compact plate axial fans



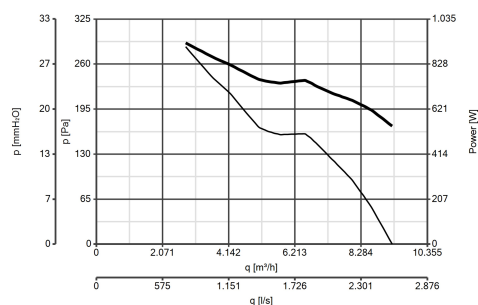
## Description

- Nominal diameter 560 mm
- Panels made of pressed steel, phosphated and epoxy powder coated with hammered effect finish, guaranteeing long-term resistance to atmospheric agents.
- Ventilation port fashioned in one piece with the panel, gauged to optimize air flow, aerodynamically contoured and elongated to optimize performance and facilitate connection to the relative duct.
- 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 three-phase AC motor of external rotor type designed to minimize axial dimensions, with shaft turning in ball bearings, insulation class F, thermal overload protection.
- Dynamically balanced impeller (UNI ISO 1940, Point 1 – Class 6.3); 4 pressed steel blades, electrolytically galvanized and polyester powder-coated, colour black.
- Vortice speed controller.

## Curves



## Accessories



### IRT 35

Code 12924



### IRET INVERTER

2,5 M

Code 12816

### PER INFORMAZIONI / FOR INFORMATION

#### ITALY

Pre Sales:

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

After Sales:

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

UNITED KINGDOM & REP. OF

IRELAND

Sales Dept:

[sales@vortice.ltd.uk](mailto:sales@vortice.ltd.uk)

Technical Dept:

[technical@vortice.ltd.uk](mailto:technical@vortice.ltd.uk)

#### OTHER COUNTRIES

Sales Dept:

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

After Sales:

[after-sales@vortice-italy.com](mailto:after-sales@vortice-italy.com)