

# Technical Data Sheet

CODE 17167

## LINEO 200 ES

Energy saving mixed flow extractor fans



### Certifications



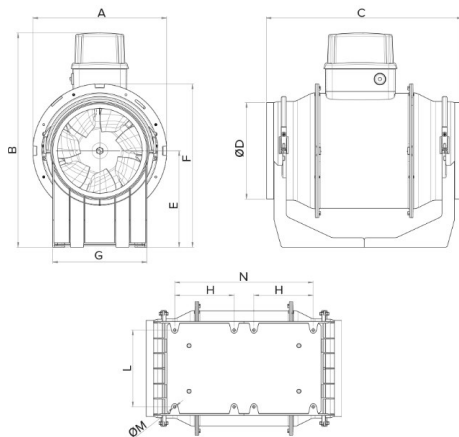
CB TEST CERTIFICATE

## Technical and performance data

|                                                       |         |                                                         |       |
|-------------------------------------------------------|---------|---------------------------------------------------------|-------|
| Corrente max assorbita a 2V (A)                       | 0,09    | Max pressure at 4V (Pa)                                 | 90,2  |
| Frequency (Hz)                                        | 50-60   | Max pressure at 6V (Pa)                                 | 141,2 |
| Insulation class                                      | II°     | Max pressure at 10V (mmH2O)                             | 34,9  |
| IP                                                    | 45      | Max pressure at 4V (mmH2O)                              | 9,2   |
| Max absorbed current at 10V (A)                       | 0,80    | Max pressure at 6V (mmH2O)                              | 14,4  |
| Max absorbed current at 4V (A)                        | 0,19    | Max pressure at 8V (mmH2O)                              | 24    |
| Max absorbed current at 6V (A)                        | 0,28    | Max pressure at 8V (Pa)                                 | 235,4 |
| Max absorbed current at 8V (A)                        | 0,53    | Portata max a 2V (l/s)                                  | 86,1  |
| Max absorbed power at 10V (W)                         | 90      | Portata max a 2V (m3/h)                                 | 310   |
| Max absorbed power at 4V (W)                          | 15,8    | Potenza sonora Lw [dB (A)] IN ASPIRAZIONE - a 2V        | 59,1  |
| Max absorbed power at 6V (W)                          | 25,7    | Potenza sonora Lw [dB (A)] IN MANDATA - a 2V            | 58,2  |
| Max absorbed power at 8V (W)                          | 52,8    | Pressione max a 2V (mmH2O)                              | 3     |
| Max ambient temperature for continuous operation (°C) | 50      | Pressione max a 2V (Pa)                                 | 29,4  |
| Nominal diameter (mm)                                 | 200     | Pressione sonora Lp [dB (A)] 3m IN ASPIRAZIONE - a 2V   | 41,6  |
| Ø Discharge hole (mm)                                 | 200     | Pressione sonora Lp [dB (A)] 3m IN MANDATA - a 2V       | 40,6  |
| Potenza max assorbita a 2V (W)                        | 6,3     | Pressione sonora Lp [dB (A)] 3m IRRADIATO - a 2V        | 16,9  |
| Voltage (V)                                           | 220-240 | RPM 2V                                                  | 760   |
| Weight (Kg)                                           | 4,6     | RPM at 10V                                              | 2680  |
| Breakout sound power at 10V Lw [dB (A)]               | 65      | RPM at 4V                                               | 1380  |
| Breakout sound power at 2V LWA [dB (A)]               | 37,5    | RPM at 6V                                               | 1700  |
| Breakout sound power at 4V Lw [dB (A)]                | 55,6    | RPM at 8V                                               | 2220  |
| Breakout sound power at 6V Lw [dB (A)]                | 60,4    | Sound power at extract side at 10V speed LWA [dB (A)]   | 89,4  |
| Breakout sound power at 8V Lw [dB (A)]                | 62,8    | Sound power at extract side at 4V speed LWA [dB (A)]    | 78,5  |
| Breakout sound pressure at 3m at 10V Lp [dB (A)]      | 44,5    | Sound power at extract side at 6V speed LWA [dB (A)]    | 83,9  |
| Breakout sound pressure at 3m at 4V Lp [dB (A)]       | 35,1    | Sound power at extract side at 8V speed LWA [dB (A)]    | 86,9  |
| Breakout sound pressure at 3m at 6V Lp [dB (A)]       | 39,9    | Sound power at supply side at 10V speed LWA [dB (A)]    | 88,4  |
| Breakout sound pressure at 3m at 8V Lp [dB (A)]       | 42,3    | Sound power at supply side at 4V speed LWA [dB (A)]     | 77,5  |
| Max airflow at 10V (l/s)                              | 305,6   | Sound power at supply side at 6V speed LWA [dB (A)]     | 82,9  |
| Max airflow at 10V (m³/h)                             | 1100    | Sound power at supply side at 8V speed LWA [dB (A)]     | 85,4  |
| Max airflow at 4V (l/s)                               | 155,6   | Sound pressure at extract side at 3m at 10V Lp [dB (A)] | 71,9  |
| Max airflow at 4V (m³/h)                              | 560     | Sound pressure at extract side at 3m at 4V Lp [dB (A)]  | 60,9  |
| Max airflow at 6V (l/s)                               | 194,4   | Sound pressure at extract side at 3m at 6V Lp [dB (A)]  | 66,4  |
| Max airflow at 6V (m³/h)                              | 700     | Sound pressure at extract side at 3m at 8V Lp [dB (A)]  | 69,4  |
| Max airflow at 8V (l/s)                               | 255,6   | Sound pressure at supply side at 3m at 10V Lp [dB (A)]  | 70,8  |
| Max airflow at 8V (m³/h)                              | 920     | Sound pressure at supply side at 3m at 4V Lp [dB (A)]   | 60    |
| Max pressure at 10V (Pa)                              | 342,3   |                                                         |       |

|                                                         |      |
|---------------------------------------------------------|------|
| Sound pressure at suply side at 3m at 6V<br>Lp [dB (A)] | 65,3 |
| Sound pressure at suply side at 3m at 8V<br>Lp [dB (A)] | 67,9 |

## Dimensions



|             |       |
|-------------|-------|
| Size A (mm) | 270   |
| Size B (mm) | 372,5 |
| Size C (mm) | 396   |
| Size D (mm) | Ø     |
|             | 194,5 |
| Size E (mm) | 195   |
| Size F (mm) | 330   |
| Size G (mm) | 190   |
| Size H (mm) | 120   |
| Size L (mm) | 155   |
| Size M (mm) | Ø 5,5 |
| Size N (mm) | 280   |

### 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)

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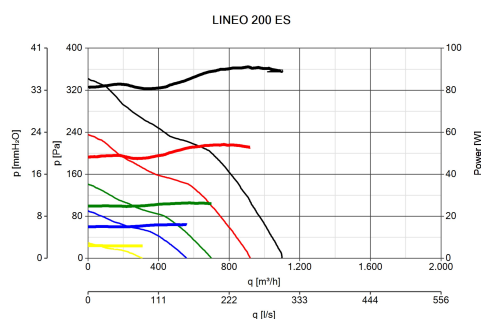
Energy saving mixed flow extractor fans



## Description

- Enclosures made of fire resistant plastic resin, E2 class, according with ISO EN 11925-2: 2010, in areas close to motor and electrical components.
- Nominal diameter 200 mm.
- EC (brushless) motor, thermally protected, with shaft mounted on ball bearing supports, coupled with a centrifugal impeller.
- High water resistance: IPX5 (if installed in a duct).
- Equipped with a thermal fuse overheating safety device.
- Speed adjustable through potentiometer (0-10V signal) or two-speed switch (to be set at the installation in a preset range).

## Curves



## Accessories



### C TEMP

Code 12992



### C SMOKE

Code 12993



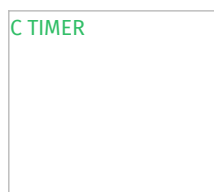
### C HCS

Code 12994



### C PIR

Code 12998



### C TIMER

Code 12999



### POT-IT

Code 12826



### POT

Code 12828

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#### 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)  
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