

# Technical Data Sheet

CODE 17172

## LINEO 150 QUIET ES

Sound-proof energy saving mixed flow  
extractor fans



### Certifications



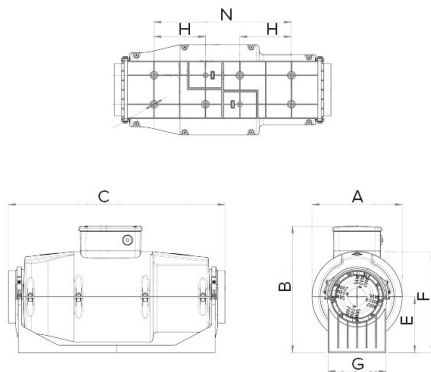
CB TEST CERTIFICATE

## Technical and performance data

|                                                          |         |                                                            |       |
|----------------------------------------------------------|---------|------------------------------------------------------------|-------|
| Corrente max assorbita a 2V (A)                          | 0,09    | Max pressure at 6V (Pa)                                    | 73,6  |
| Frequency (Hz)                                           | 50-60   | Max pressure at 10V (mmH2O)                                | 24,2  |
| Insulation class                                         | II°     | Max pressure at 4V (mmH2O)                                 | 4,6   |
| IP                                                       | 45      | Max pressure at 6V (mmH2O)                                 | 7,5   |
| Max absorbed current at 10V (A)                          | 0,34    | Max pressure at 8V (mmH2O)                                 | 14,7  |
| Max absorbed current at 4V (A)                           | 0,11    | Max pressure at 8V (Pa)                                    | 144,2 |
| Max absorbed current at 6V (A)                           | 0,14    | Portata max a 2V (l/s)                                     | 33,3  |
| Max absorbed current at 8V (A)                           | 0,24    | Portata max a 2V (m3/h)                                    | 120   |
| Max absorbed power at 10V (W)                            | 31      | Potenza sonora Lw [dB (A)] IN                              | 46,5  |
| Max absorbed power at 4V (W)                             | 7,7     | ASPIRAZIONE - a 2V                                         |       |
| Max absorbed power at 6V (W)                             | 10,6    | Potenza sonora Lw [dB (A)] IN MANDATA                      | 45,5  |
| Max absorbed power at 8V (W)                             | 20      | - a 2V                                                     |       |
| Max ambient temperature for<br>continuous operation (°C) | 60      | Pressione max a 2V (mmH2O)                                 | 1     |
| Nominal diameter (mm)                                    | 150     | Pressione max a 2V (Pa)                                    | 9,8   |
| Potenza max assorbita a 2V (W)                           | 4,2     | Pressione sonora Lp [dB (A)] 3m IN                         | 29    |
| Voltage (V)                                              | 220-240 | ASPIRAZIONE - a 2V                                         |       |
| Weight (Kg)                                              | 5,4     | Pressione sonora Lp [dB (A)] 3m IN                         | 28    |
| Breakout sound power at 10V Lw [dB<br>(A)]               | 51,5    | MANDATA - a 2V                                             |       |
| Breakout sound power at 2V LWA [dB<br>(A)]               | 28,5    | Pressione sonora Lp [dB (A)] 3m                            | 8     |
| Breakout sound power at 4V Lw [dB (A)]                   | 34,2    | IRRADIATO - a 2V                                           |       |
| Breakout sound power at 6V Lw [dB (A)]                   | 39,1    | RPM 2V                                                     | 505   |
| Breakout sound power at 8V Lw [dB (A)]                   | 46,5    | RPM at 10V                                                 | 2030  |
| Breakout sound pressure at 3m at 10V<br>Lp [dB (A)]      | 31      | RPM at 4V                                                  | 1015  |
| Breakout sound pressure at 3m at 4V Lp<br>[dB (A)]       | 13,7    | RPM at 6V                                                  | 1240  |
| Breakout sound pressure at 3m at 6V Lp<br>[dB (A)]       | 18,6    | RPM at 8V                                                  | 1700  |
| Breakout sound pressure at 3m at 8V Lp<br>[dB (A)]       | 26      | Sound power at extract side at 10V<br>speed LWA [dB (A)]   | 58,2  |
| Max airflow at 10V (l/s)                                 | 143,1   | Sound power at extract side at 4V speed<br>LWA [dB (A)]    | 40    |
| Max airflow at 10V (m³/h)                                | 515     | Sound power at extract side at 6V speed<br>LWA [dB (A)]    | 44,7  |
| Max airflow at 4V (l/s)                                  | 69,4    | Sound power at extract side at 8V speed<br>LWA [dB (A)]    | 53,2  |
| Max airflow at 4V (m³/h)                                 | 250     | Sound power at supply side at 10V<br>speed LWA [dB (A)]    | 58,2  |
| Max airflow at 6V (l/s)                                  | 84,7    | Sound power at supply side at 4V speed<br>LWA [dB (A)]     | 40,9  |
| Max airflow at 6V (m³/h)                                 | 305     | Sound power at supply side at 6V speed<br>LWA [dB (A)]     | 45,9  |
| Max airflow at 8V (l/s)                                  | 119,4   | Sound power at supply side at 8V speed<br>LWA [dB (A)]     | 53,8  |
| Max airflow at 8V (m³/h)                                 | 430     | Sound pressure at extract side at 3m at<br>10V Lp [dB (A)] | 40,7  |
| Max pressure at 10V (Pa)                                 | 237,3   | Sound pressure at extract side at 3m at<br>4V Lp [dB (A)]  | 22,5  |
| Max pressure at 4V (Pa)                                  | 45,1    | Sound pressure at extract side at 3m at<br>6V Lp [dB (A)]  | 27,2  |
|                                                          |         | Sound pressure at extract side at 3m at<br>8V Lp [dB (A)]  | 35,7  |
|                                                          |         | Sound pressure at supply side at 3m at<br>10V Lp [dB (A)]  | 40,7  |
|                                                          |         | Sound pressure at supply side at 3m at 4V<br>Lp [dB (A)]   | 23,4  |
|                                                          |         | Sound pressure at supply side at 3m at 6V                  | 28,4  |

|                                          |      |
|------------------------------------------|------|
| Lp [dB (A)]                              |      |
| Sound pressure at suply side at 3m at 8V | 36,3 |
| Lp [dB (A)]                              |      |

## Dimensions



|             |       |
|-------------|-------|
| Size A (mm) | 232   |
| Size B (mm) | 320,6 |
| Size C (mm) | 685   |
| Size D (mm) | Ø 147 |
| Size E (mm) | 145   |
| Size F (mm) | 261,5 |
| Size G (mm) | 170   |
| Size H (mm) | 132   |
| Size L (mm) | 85    |
| Size M (mm) | Ø 5,5 |
| Size N (mm) | 360   |

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CODE 17172

## LINEO 150 QUIET ES

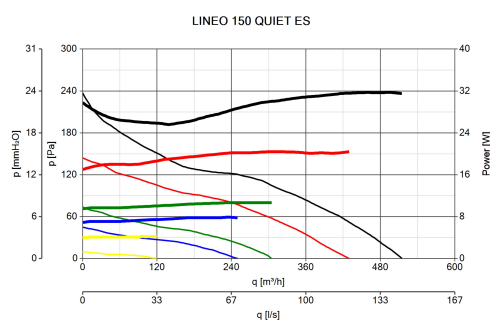
Sound-proof energy saving mixed flow  
extractor fans



## 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.
- Casing integrating a sound-absorbing coating, optimized to minimize sound emissions radiated into the environment and transmitted through exhaust and supply ducts.
- Nominal diameter 150 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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