

# Technical Data Sheet

CODE 17162

## LINEO 150 QUIET

Sound-proof mixed flow extractor fans



### Certifications

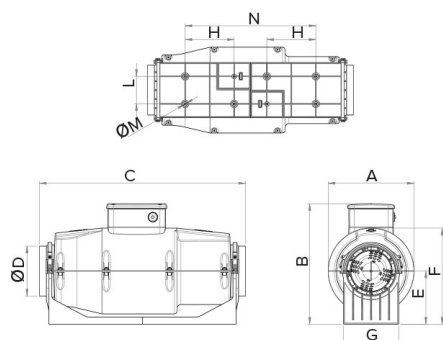


CB TEST CERTIFICATE

## Technical and performance data

|                                                         |         |                                                               |       |
|---------------------------------------------------------|---------|---------------------------------------------------------------|-------|
| Frequency (Hz)                                          | 50-60   | Max airflow at Mid speed at 60 Hz (m³/h)                      | 325   |
| Insulation class                                        | II°     | Max airflow at Min speed (l/s)                                | 97,2  |
| IP                                                      | 45      | Max airflow at Min speed at 60 Hz (l/s)                       | 66,7  |
| Max absorbed current at maMinx speed at 60 Hz (A)       | 0,14    | Max airflow at Min speed at 60 Hz (m³/h)                      | 240   |
| Max absorbed current at Max speed (A)                   | 0,22    | Max pressure at 60 Hz (mmH2O)                                 | 24,5  |
| Max absorbed current at Max speed at 60 Hz (A)          | 0,24    | Max pressure at Max speed (mmH2O)                             | 21,5  |
| Max absorbed current at Mid speed (A)                   | 0,17    | Max pressure at Max speed (Pa)                                | 210,9 |
| Max absorbed current at Mid speed at 60 Hz (A)          | 0,18    | Max pressure at Max speed at 60Hz (Pa)                        | 240,3 |
| Max absorbed current at Min speed (A)                   | 0,14    | Max pressure at Mid speed (mmH2O)                             | 15,5  |
| Max absorbed power at Max speed (W)                     | 50      | Max pressure at Mid speed (Pa)                                | 152   |
| Max absorbed power at Max speed at 60 Hz (W)            | 58      | Max pressure at Mid speed at 60Hz (mmH2O)                     | 15,3  |
| Max absorbed power at Mid speed (W)                     | 37      | Max pressure at Mid speed at 60Hz (Pa)                        | 150   |
| Max absorbed power at Mid speed at 60 Hz (W)            | 38      | Max pressure at Min speed at 60Hz (mmH2O)                     | 8,6   |
| Max absorbed power at Min speed at 60 Hz (W)            | 23      | Max pressure at Min speed at 60Hz (Pa)                        | 84,3  |
| Max ambient temperature for continuous operation (°C)   | 55      | Max RPM                                                       | 2030  |
| Max continuous operation room temperature at 60 Hz (°C) | 50      | Max speed at 60 Hz (Rpm)                                      | 1935  |
| Nominal diameter (mm)                                   | 150     | Mid speed at 60 Hz (Rpm)                                      | 1285  |
| Power absorbed at 1st speed (W)                         | 24      | Min RPM                                                       | 1040  |
| Voltage (V)                                             | 220-240 | Min speed at 60 Hz (Rpm)                                      | 980   |
| Weight (Kg)                                             | 5,4     | Potenza sonora at supply side at Min speed LWA [dB (A)]       | 40,5  |
| Airflow at 1st speed (l/s)                              | 70,8    | Pressure at 1st speed (mmH2O)                                 | 10,5  |
| Airflow at 1st speed (m³/h)                             | 255     | Pressure at 1st speed (Pa)                                    | 103   |
| Breakout sound power LWA at Max speed [dB (A)]          | 52,1    | RPM at Mid speed                                              | 1430  |
| Breakout sound power LWA at Mid speed [dB (A)]          | 43,4    | Sound power at extract side at Max speed LWA [dB (A)]         | 58,3  |
| Breakout sound power LWA at Min speed [dB (A)]          | 34,9    | Sound power at extract side at Mid speed LWA [dB (A)]         | 48,4  |
| Breakout sound pressure at 3m at Max speed Lp [dB (A)]  | 31,6    | Sound power at extract side at Min speed LWA [dB (A)]         | 39,8  |
| Breakout sound pressure at 3m at Mid speed Lp [dB (A)]  | 22,9    | Sound power at supply side at Max speed LWA [dB (A)]          | 58    |
| Breakout sound pressure at 3m at Min speed Lp [dB (A)]  | 14,4    | Sound power at supply side at Mid speed LWA [dB (A)]          | 48,4  |
| Max airflow at Max speed (l/s)                          | 141,7   | Sound pressure at extract side at 3m at Max speed Lp [dB (A)] | 40,8  |
| Max airflow at Max speed (m³/h)                         | 510     | Sound pressure at extract side at 3m at Mid speed Lp [dB (A)] | 30,9  |
| Max airflow at Max speed at 60 Hz (l/s)                 | 134,7   | Sound pressure at extract side at 3m at Min speed Lp [dB (A)] | 22,3  |
| Max airflow at Max speed at 60 Hz (m³/h)                | 485     | Sound pressure at supply side at 3m at Max speed Lp [dB (A)]  | 40,5  |
| Max airflow at Mid speed (m³/h)                         | 350     | Sound pressure at supply side at 3m at Mid speed Lp [dB (A)]  | 30,9  |
| Max airflow at Mid speed at 60 Hz (l/s)                 | 90,3    | Sound pressure at supply side at 3m at Min speed Lp [dB (A)]  | 23    |

# Dimensions



|             |       |
|-------------|-------|
| Size A (mm) | 232   |
| Size B (mm) | 320,5 |
| 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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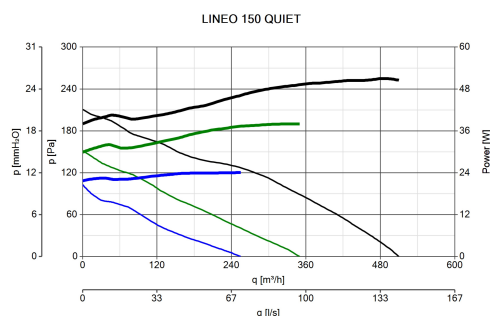
Sound-proof mixed flow extractor fans



## 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.
- Induction motor, thermally protected, with shaft mounted on ball bearing supports, coupled with a centrifugal impeller.
- High water resistance: IPX5 (if installed in a duct).
- Speed adjustable through Vortice speed devices.

## Curves



## Accessories



### C TEMP

Code 12992



### C SMOKE

Code 12993



### C HCS

Code 12994



### C PIR

Code 12998



### C TIMER

Code 12999



### TRIO-LINEO 503

Code 12891



### C5 0.5 (COMANDO 5V 0.5 A)

Code 12987



**C 1.5  
(COMANDO EL.  
1.5 A)**

Code 12966

**KIT SCB  
(TRASF.E.C.)**

Code 22481

**KIT SCB5  
(TRASF.5 V.)**

Code 22483

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