

# Technical Data Sheet

CODE 17176

## LINEO 315 QUIET ES

Sound-proof energy saving mixed flow  
extractor fans



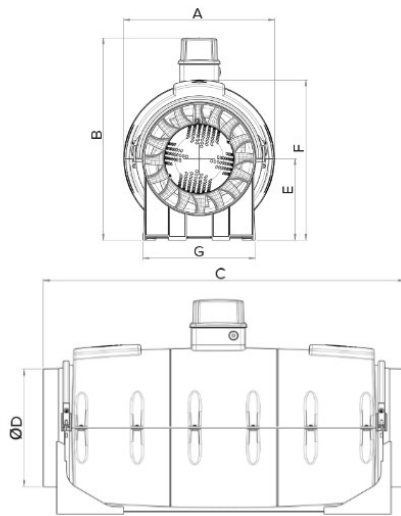
## Certifications

## Technical and performance data

|                                                          |         |                                                            |       |
|----------------------------------------------------------|---------|------------------------------------------------------------|-------|
| Corrente max assorbita a 2V (A)                          | 0,13    | Max pressure at 6V (Pa)                                    | 191,2 |
| Frequency (Hz)                                           | 50-60   | Max pressure at 10V (mmH2O)                                | 38,7  |
| Insulation class                                         | II°     | Max pressure at 4V (mmH2O)                                 | 12,9  |
| IP                                                       | 45      | Max pressure at 6V (mmH2O)                                 | 19,5  |
| Max absorbed current at 10V (A)                          | 1,52    | Max pressure at 8V (mmH2O)                                 | 33,8  |
| Max absorbed current at 4V (A)                           | 0,31    | Max pressure at 8V (Pa)                                    | 331,5 |
| Max absorbed current at 6V (A)                           | 0,51    | Portata max a 2V (l/s)                                     | 213,9 |
| Max absorbed current at 8V (A)                           | 1,10    | Portata max a 2V (m3/h)                                    | 770   |
| Max absorbed power at 10V (W)                            | 220     | Potenza sonora Lw [dB (A)] IN                              | 67,7  |
| Max absorbed power at 4V (W)                             | 42      | ASPIRAZIONE - a 2V                                         |       |
| Max absorbed power at 6V (W)                             | 72      | Potenza sonora Lw [dB (A)] IN MANDATA                      | 72,2  |
| Max absorbed power at 8V (W)                             | 155     | - a 2V                                                     |       |
| Max ambient temperature for<br>continuous operation (°C) | 50      | Pressione max a 2V (mmH2O)                                 | 4,2   |
| Nominal diameter (mm)                                    | 315     | Pressione max a 2V (Pa)                                    | 41,2  |
| Potenza max assorbita a 2V (W)                           | 14      | Pressione sonora Lp [dB (A)] 3m IN                         | 50,1  |
| Voltage (V)                                              | 220-240 | ASPIRAZIONE - a 2V                                         |       |
| Weight (Kg)                                              | 28,3    | Pressione sonora Lp [dB (A)] 3m IN                         | 54,6  |
| Breakout sound power at 10V Lw [dB<br>(A)]               | 68,8    | MANDATA - a 2V                                             |       |
| Breakout sound power at 2V LWA [dB<br>(A)]               | 42,4    | Pressione sonora Lp [dB (A)] 3m                            | 21,9  |
| Breakout sound power at 4V Lw [dB (A)]                   | 54      | IRRADIATO - a 2V                                           |       |
| Breakout sound power at 6V Lw [dB (A)]                   | 56,3    | RPM 2V                                                     | 720   |
| Breakout sound power at 8V Lw [dB (A)]                   | 65,1    | RPM at 10V                                                 | 2350  |
| Breakout sound pressure at 3m at 10V<br>Lp [dB (A)]      | 48,3    | RPM at 4V                                                  | 1260  |
| Breakout sound pressure at 3m at 4V Lp<br>[dB (A)]       | 33,5    | RPM at 6V                                                  | 1560  |
| Breakout sound pressure at 3m at 6V Lp<br>[dB (A)]       | 35,8    | RPM at 8V                                                  | 2070  |
| Breakout sound pressure at 3m at 8V Lp<br>[dB (A)]       | 44,6    | Sound power at extract side at 10V<br>speed LWA [dB (A)]   | 74    |
| Max airflow at 10V (l/s)                                 | 730,6   | Sound power at extract side at 4V speed<br>LWA [dB (A)]    | 61,9  |
| Max airflow at 10V (m³/h)                                | 2630    | Sound power at extract side at 6V speed<br>LWA [dB (A)]    | 66,2  |
| Max airflow at 4V (l/s)                                  | 388,9   | Sound power at extract side at 8V speed<br>LWA [dB (A)]    | 71,8  |
| Max airflow at 4V (m³/h)                                 | 1400    | Sound power at supply side at 10V<br>speed LWA [dB (A)]    | 72    |
| Max airflow at 6V (l/s)                                  | 480,6   | Sound power at supply side at 4V speed<br>LWA [dB (A)]     | 58,7  |
| Max airflow at 6V (m³/h)                                 | 1730    | Sound power at supply side at 6V speed<br>LWA [dB (A)]     | 63,4  |
| Max airflow at 8V (l/s)                                  | 638,9   | Sound power at supply side at 8V speed<br>LWA [dB (A)]     | 69,4  |
| Max airflow at 8V (m³/h)                                 | 2300    | Sound pressure at extract side at 3m at<br>10V Lp [dB (A)] | 56,5  |
| Max pressure at 10V (Pa)                                 | 379,5   | Sound pressure at extract side at 3m at<br>4V Lp [dB (A)]  | 44,4  |
| Max pressure at 4V (Pa)                                  | 126,5   | Sound pressure at extract side at 3m at<br>6V Lp [dB (A)]  | 48,7  |
|                                                          |         | Sound pressure at extract side at 3m at<br>8V Lp [dB (A)]  | 54,3  |
|                                                          |         | Sound pressure at suply side at 3m at<br>10V Lp [dB (A)]   | 54,5  |
|                                                          |         | Sound pressure at suply side at 3m at 4V<br>Lp [dB (A)]    | 41,2  |
|                                                          |         | Sound pressure at suply side at 3m at 6V                   | 45,9  |

|                                          |      |
|------------------------------------------|------|
| Lp [dB (A)]                              |      |
| Sound pressure at suply side at 3m at 8V | 51,9 |
| Lp [dB (A)]                              |      |

## Dimensions



|             |       |
|-------------|-------|
| Size A (mm) | 415,5 |
| Size B (mm) | 557,8 |
| Size C (mm) | 940   |
| Size D (mm) | Ø 307 |
| Size E (mm) | 234   |
| Size F (mm) | 441   |
| Size G (mm) | 309   |
| Size H (mm) | 110   |
| Size L (mm) | 255   |
| Size M (mm) | Ø 8,5 |
| Size N (mm) | 780   |

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# Technical Data Sheet

CODE 17176

## LINEO 315 QUIET ES

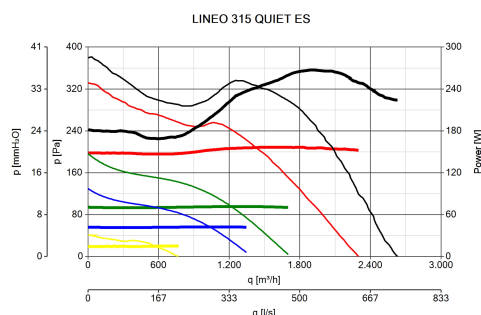
Sound-proof energy saving mixed flow  
extractor fans



## 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 315 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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