

# Technical Data Sheet

CODE 17179

## LINEO 150 ES

Energy saving mixed flow extractor fans



### Certifications



IMQ



CE



IMQ Performance



UKCA

### TECHNICAL AND PERFORMANCE DATA

|   |         |  |       |
|---|---------|--|-------|
| Frequency (Hz)  | 50-60   | Pressione max a 4V (mmH2O)                             | 8,5   |
| Insulation Class                                      | II°     | Pressione max a 4V (Pa)                                | 83,4  |
| IP  | 45      | Pressione max a 6V (mmH2O)                             | 13,8  |
| Max ambient temperature for continuous operation (°C) | 60      | Pressione max a 6V (Pa)                                | 135,3 |
| Max. absorbed Current at 10V (A)                      | 0,50    | Pressione max a 8V (mmH2O)                             | 22,7  |
| Max. absorbed Current at 4V (A)                       | 0,10    | Pressione max a 8V (Pa)                                | 222,6 |
| Max. absorbed Current at 6V (A)                       | 0,16    | Pressione sonora Lp [dB (A)] 3m IN ASPIRAZIONE - a 10V | 70,3  |
| Max. absorbed Current at 8V (A)                       | 0,30    | Pressione sonora Lp [dB (A)] 3m IN ASPIRAZIONE - a 4V  | 50,4  |
| Max. absorbed power at 10V (W)                        | 55      | Pressione sonora Lp [dB (A)] 3m IN ASPIRAZIONE - a 6V  | 57,1  |
| Max. absorbed power at 4V (W)                         | 11      | Pressione sonora Lp [dB (A)] 3m IN ASPIRAZIONE - a 8V  | 64,6  |
| Max. absorbed power at 6V (W)                         | 17      | Pressione sonora Lp [dB (A)] 3m IN MANDATA - a 10V     | 68,9  |
| Max. absorbed power at 8V (W)                         | 34      | Pressione sonora Lp [dB (A)] 3m IN MANDATA - a 4V      | 52,1  |
| Nominal Diameter (mm)                                 | 150     | Pressione sonora Lp [dB (A)] 3m IN MANDATA - a 6V      | 57,7  |
| Voltage (V)   | 220-240 | Pressione sonora Lp [dB (A)] 3m IN MANDATA - a 8V      | 64,5  |
| Weight (Kg)   | 2,6     | Pressione sonora Lp [dB (A)] 3m IRRADIATO - a 10V      | 41,9  |
| Max delivery at 10V (l/s)                             | 163,9   | Pressione sonora Lp [dB (A)] 3m IRRADIATO - a 4V       | 27,2  |
| Max delivery at 10V (m³/h)                            | 590     | Pressione sonora Lp [dB (A)] 3m IRRADIATO - a 6V       | 35,5  |
| Max delivery at 4V (l/s)                              | 80,6    | RPM 10V  | 2480  |
| Max delivery at 4V (m³/h)                             | 290     | RPM 4V   | 1260  |
| Max delivery at 6V (l/s)                              | 102,8   | RPM 6V   | 1595  |
| Max delivery at 6V (m³/h)                             | 370     | RPM 8V   | 2125  |
| Max delivery at 8V (l/s)                              | 138,9   | Sound power level Lw [dB (A)] exhaust inlet at 10V     | 87,9  |
| Max delivery at 8V (m³/h)                             | 500     | Sound power level Lw [dB (A)] exhaust inlet at 4V      | 67,9  |
| Potenza sonora Lw [dB (A)] IRRADIATO - a 10V          | 62,5    | Sound power level Lw [dB (A)] exhaust inlet at 6V      | 74,6  |
| Potenza sonora Lw [dB (A)] IRRADIATO - a 4V           | 41,5    | Sound power level Lw [dB (A)] exhaust inlet at 8V      | 82,1  |
| Potenza sonora Lw [dB (A)] IRRADIATO - a 6V           | 47,8    | Sound power level Lw [dB (A)] supply outlet at 10V     | 86,4  |
| Potenza sonora Lw [dB (A)] IRRADIATO - a 8V           | 56,1    | Sound power level Lw [dB (A)] supply outlet at 4V      | 69,6  |
| Pressione max a 10V (mmH2O)                           | 44,2    |  | 75,2  |
| Pressione max a 10V (Pa)                              | 433,5   |  | 82,1  |

#### PER INFORMAZIONI:

Servizio al Cliente: tel +39 02 90699395 premendo 1 dopo messaggio registrato (consulenza su prodotti e impianti)

Pre & Post Vendita: fax +39 02 90699302

Email prevendita: prevendita@vortice-italy.com

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## LINEO 150 ES

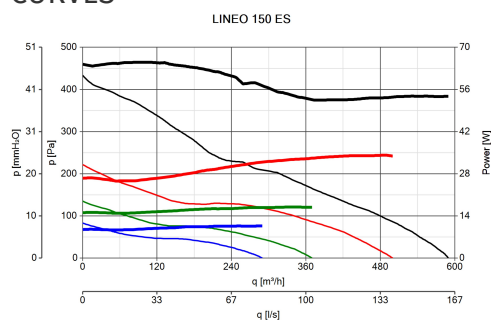
Energy saving mixed flow extractor fans



### 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 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



**POT-IT**  
Code 12826



**POT**  
Code 12828



**C TEMP**  
Code 12992



**C SMOKE**  
Code 12993



**C HCS**  
Code 12994



**C PIR**  
Code 12998



**C TIMER**  
Code 12999



### LINEO-G 150

Code 22703  
PER INFORMAZIONI:

Servizio al Cliente: tel +39 02 90699395 premendo 1 dopo messaggio registrato (consulenza su prodotti e impianti)

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