

Technical Data Sheet

CODE 17170

LINEO 100 QUIET ES

Sound-proof energy saving mixed flow
extractor fans



Certifications



CB TEST CERTIFICATE

Technical and performance data

Corrente max assorbita a 2V (A)	0,08	Max pressure at 6V (Pa)	56,9
Frequency (Hz)	50-60	Max pressure at 10V (mmH2O)	24,8
Insulation class	II°	Max pressure at 4V (mmH2O)	3,5
IP	45	Max pressure at 6V (mmH2O)	58
Max absorbed current at 10V (A)	0,26	Max pressure at 8V (mmH2O)	11,4
Max absorbed current at 4V (A)	0,09	Max pressure at 8V (Pa)	111,8
Max absorbed current at 6V (A)	0,12	Portata max a 2V (l/s)	13,6
Max absorbed current at 8V (A)	0,18	Portata max a 2V (m3/h)	49
Max absorbed power at 10V (W)	23	Potenza sonora Lw [dB (A)] IN	46,6
Max absorbed power at 4V (W)	6,2	ASPIRAZIONE - a 2V	
Max absorbed power at 6V (W)	8,3	Potenza sonora Lw [dB (A)] IN MANDATA	44
Max absorbed power at 8V (W)	14,7	- a 2V	
Max ambient temperature for continuous operation (°C)	60	Pressione max a 2V (mmH2O)	0,5
Nominal diameter (mm)	100	Pressione max a 2V (Pa)	4,9
Potenza max assorbita a 2V (W)	3,6	Pressione sonora Lp [dB (A)] 3m IN	29,1
Voltage (V)	220-240	ASPIRAZIONE - a 2V	
Weight (Kg)	3,8	Pressione sonora Lp [dB (A)] 3m IN	26,5
Breakout sound power at 10V Lw [dB (A)]	51,4	MANDATA - a 2V	
Breakout sound power at 2V LWA [dB (A)]	29,3	Pressione sonora Lp [dB (A)] 3m	8,8
Breakout sound power at 4V Lw [dB (A)]	30,4	IRRADIATO - a 2V	
Breakout sound power at 6V Lw [dB (A)]	36,4	RPM 2V	470
Breakout sound power at 8V Lw [dB (A)]	45,3	RPM at 10V	2510
Breakout sound pressure at 3m at 10V Lp [dB (A)]	30,9	RPM at 4V	1140
Breakout sound pressure at 3m at 4V Lp [dB (A)]	9,9	RPM at 6V	1450
Breakout sound pressure at 3m at 6V Lp [dB (A)]	15,9	RPM at 8V	2050
Breakout sound pressure at 3m at 8V Lp [dB (A)]	24,8	Sound power at extract side at 10V speed LWA [dB (A)]	55,6
Max airflow at 10V (l/s)	83,3	Sound power at extract side at 4V speed LWA [dB (A)]	37,7
Max airflow at 10V (m³/h)	300	Sound power at extract side at 6V speed LWA [dB (A)]	42,9
Max airflow at 4V (l/s)	37,5	Sound power at extract side at 8V speed LWA [dB (A)]	53,4
Max airflow at 4V (m³/h)	135	Sound power at supply side at 10V speed LWA [dB (A)]	58,2
Max airflow at 6V (l/s)	48,6	Sound power at supply side at 4V speed LWA [dB (A)]	38,1
Max airflow at 6V (m³/h)	175	Sound power at supply side at 6V speed LWA [dB (A)]	43,6
Max airflow at 8V (l/s)	69,4	Sound power at supply side at 8V speed LWA [dB (A)]	54,2
Max airflow at 8V (m³/h)	250	Sound pressure at extract side at 3m at 10V Lp [dB (A)]	38,1
Max pressure at 10V (Pa)	243,2	Sound pressure at extract side at 3m at 4V Lp [dB (A)]	20,2
Max pressure at 4V (Pa)	34,3	Sound pressure at extract side at 3m at 6V Lp [dB (A)]	25,4
		Sound pressure at extract side at 3m at 8V Lp [dB (A)]	35,9
		Sound pressure at suply side at 3m at 10V Lp [dB (A)]	40,7
		Sound pressure at suply side at 3m at 4V Lp [dB (A)]	20,6
		Sound pressure at suply side at 3m at 6V	26,1

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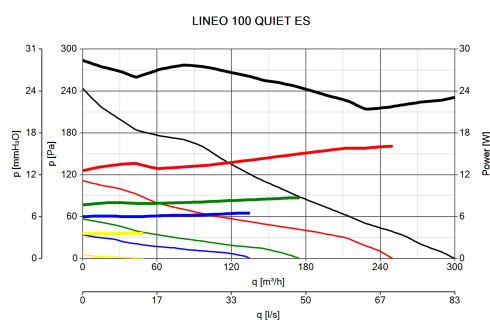
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extractor fans



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 100 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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