



LINEO QUIET ES RANGE

Mixed flow in-line fans with EC brushless motors

Mixed flow in-line duct fans with EC brushless motors, installed in false ceilings or in attics. The ideal low-visual impact ventilation solution for residential, commercial or industrial premises (kitchens, toilets, laboratories, bars, restaurants, laundries, shops, etc.).

Versions

- 7 models, with nominal diameter between 100 and 315 mm.

Key features

- 2 speed EC brushless motors.
- Easy maintenance; each unit is easily accessible for cleaning or maintenance.
- Flexibility and ease of installation ideal for your specific performance related requirements, consumption.
- Can be installed horizontally, vertically or sloping.
- Fully compliant with Reg. ErP 2018 N. 1253/2014.

Technical features

- 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, optimised to minimise sound emissions radiated into the environment and transmitted through exhaust and supply ducts.
- 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).
- Insulation Class: II .



DUCTED FANS

LINEO QUIET ES RANGE

TECHNICAL AND PERFORMANCE DATA - LINEO QUIET ES*

Models	Code	V~50/60HZ	W	A	RPM	Max Airflow		Max Pressure		Protection grade**	Max °C	KG
			4/6/8/10V	4/6/8/10V	4/6/8/10V	m³/h 4/6/8/10V	l/s 4/6/8/10V	mmH₂O 4/6/8/10V	Pa 4/6/8/10V			
LINEO 100 QUIET ES	17170	220-240	6.2	0.09	1140	135	37.5	3.5	34.3	IP45	60	3,8
			8.3	0.12	1450	175	48.6	5.8	56.9			
			14.7	0.18	2050	250	69.4	11.4	111.8			
			23	0.26	2510	300	83.3	24.8	243.2			
LINEO 125 QUIET ES	17171	220-240	6.6	0.10	1080	180	50	3.3	32.4	IP45	60	3,6
			8.8	0.12	1340	225	62.5	5.6	54.9			
			16	0.18	1865	320	88.9	11	107.9			
			24	0.26	2210	380	105.6	23.7	232.4			
LINEO 150 QUIET ES	17172	220-240	7.7	0.11	1015	250	69.4	4.6	45.1	IP45	60	5,4
			10.6	0.14	1240	305	84.7	7.5	73.6			
			20	0.24	1700	430	119.4	14.7	107.9			
			31	0.34	2030	515	143.1	24.2	237.3			
LINEO 160 QUIET ES	17173	220-240	7.7	0.11	1010	250	69.4	4.5	44.1	IP45	60	5,2
			10.6	0.14	1245	315	87.5	7.5	73.6			
			19.7	0.23	1685	435	120.8	14.4	141.2			
			31	0.34	2035	525	145.8	23.9	234.4			
LINEO 200 QUIET ES	17174	220-240	15.2	0.18	1380	570	158.3	8.6	84.3	IP45	50	8,6
			25.3	0.27	1705	720	200	13.9	136.3			
			52.4	0.52	2245	945	262.5	22.9	224.6			
			88	0.78	2700	1145	318.1	33.6	329.5			
LINEO 250 QUIET ES	17175	220-240	20	0.19	1365	750	208.3	10.1	99.1	IP45	50	13,4
			35	0.28	1680	940	261.1	15.6	153			
			75	0.60	2250	1250	347.2	26.6	260.9			
			125	0.97	2680	1485	412.4	37.5	367.8			
LINEO 315 QUIET ES	17176	220-240	42	0.31	1260	1400	388.9	12.9	126.5	IP45	50	28,3
			72	0.51	1560	1730	480.6	19.5	191.2			
			155	1.10	2070	2300	638.9	33.8	331.5			
			220	1.52	2350	2630	730.6	38.7	379.5			

all data referred to supply at 50 Hz

** protection grade referred to ducted units

SOUND LEVELS - LINEO QUIET ES

Models	Code	SOUND POWER Lw dB (A)											
		INTAKE				SUPPLY				BREAKOUT			
		4V	6V	8V	10V	4V	6V	8V	10V	4V	6V	8V	10V
LINEO 100 QUIET ES	17170	37.7	42.9	53.4	55.6	38.1	43.6	54.2	58.2	30.4	36.4	45.3	51.4
LINEO 125 QUIET ES	17171	37.9	41.8	52	55	38.5	43.1	53.9	57.5	31.8	36.9	45.6	49.2
LINEO 150 QUIET ES	17172	40	44.7	53.2	58.2	40.9	45.9	53.8	58.2	34.2	39.1	46.5	51.5
LINEO 160 QUIET ES	17173	40.6	45.7	54.1	59.5	41	46.3	54	58.8	33	37.9	45.2	49.7
LINEO 200 QUIET ES	17174	48.7	54.3	60.8	65.5	48.1	53.6	60.4	65.2	40.2	45.3	51.4	56.3
LINEO 250 QUIET ES	17175	54.4	59.5	65.9	70.4	54.8	59.9	66.2	70.7	45.2	50.3	57.8	61.5
LINEO 315 QUIET ES	17176	61.9	66.2	71.8	74	58.7	63.4	69.4	72	54	56.3	65.1	68.8

Models	Code	SOUND PRESSURE Lp dB(A)*											
		INTAKE				SUPPLY				BREAKOUT			
		4V	6V	8V	10V	4V	6V	8V	10V	4V	6V	8V	10V
LINEO 100 QUIET ES	17170	20.2	25.4	35.9	38.1	20.6	26.1	36.7	40.7	9.9	15.9	25.8	30.9
LINEO 125 QUIET ES	17171	20.4	24.3	34.5	37.5	21	25.6	36.4	40	11.3	16.4	25.1	28.7
LINEO 150 QUIET ES	17172	22.5	27.2	35.7	40.7	23.4	28.4	36.3	40.7	13.7	18.6	26	31
LINEO 160 QUIET ES	17173	23.1	28.2	36.6	42	23.6	28.8	35.6	41.3	12.5	17.4	24.7	29.2
LINEO 200 QUIET ES	17174	31.2	36.8	43.3	48	30.6	36.1	42.9	47.7	19.7	24.8	30.9	35.8
LINEO 250 QUIET ES	17175	36.9	42	48.4	52.9	37.3	42.4	48.7	53.2	24.7	28.9	37.3	41
LINEO 315 QUIET ES	17176	44.4	48.7	54.3	56.5	41.2	45.9	51.9	54.5	33.5	35.8	44.6	48.3

* Calculated in free field conditions at 3 m distance



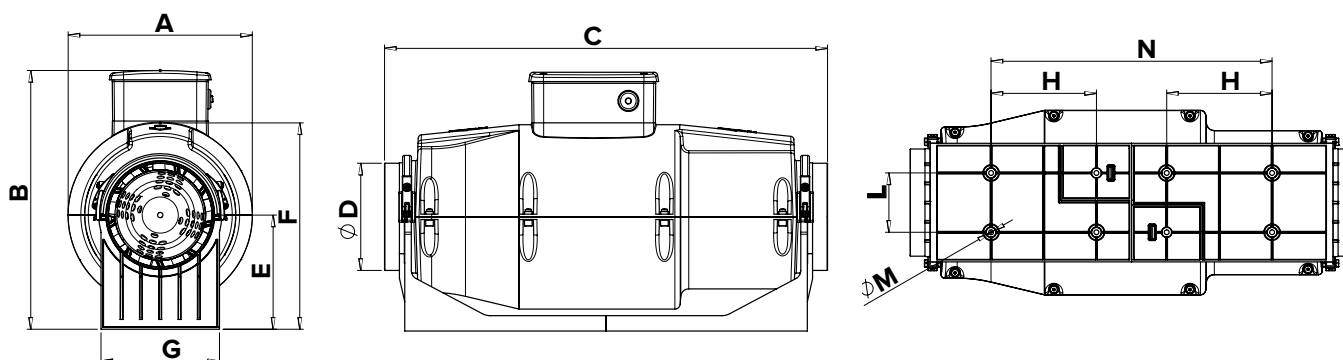


DIMENSIONS - LINEO QUIET ES

Models	Code	A	B	C	Ø D	E	F	G	H	L	Ø M	N	VERSION
LINEO 100 QUIET ES	17170	210	294.6	639	97	130	235	135	120	67.5	5.5	320	A
LINEO 125 QUIET ES	17171	210	294.6	504.5	122	130	235	135	120	67.5	5.5	320	A
LINEO 150 QUIET ES	17172	232	320.6	685	147	145	261.5	170	132	85	5.5	360	A
LINEO 160 QUIET ES	17173	232	320.6	570	156.5	145	261.5	170	135	85	5.5	360	A
LINEO 200 QUIET ES	17174	322.5	417.6	625.5	194.5	195	363.5	190	120	155	5.5	510	B
LINEO 250 QUIET ES	17175	318	411.9	751.5	243	189.5	363.5	200	70	170	6.5	604.5	B
LINEO 315 QUIET ES	17176	415.5	557.8	940	307	234	441	309	110	255	8.5	780	C

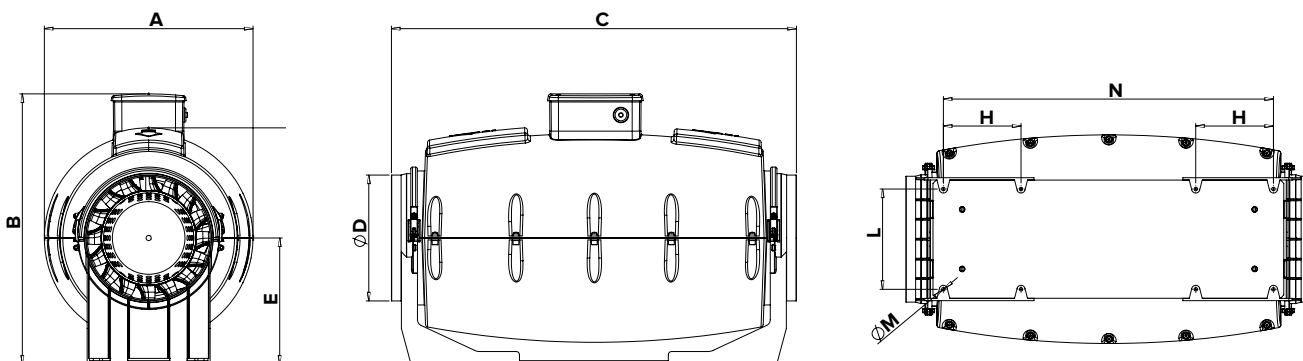
VERSION A

LINEO 100 QUIET ES - LINEO 125 QUIET ES - LINEO 150 QUIET ES - LINEO 160 QUIET ES



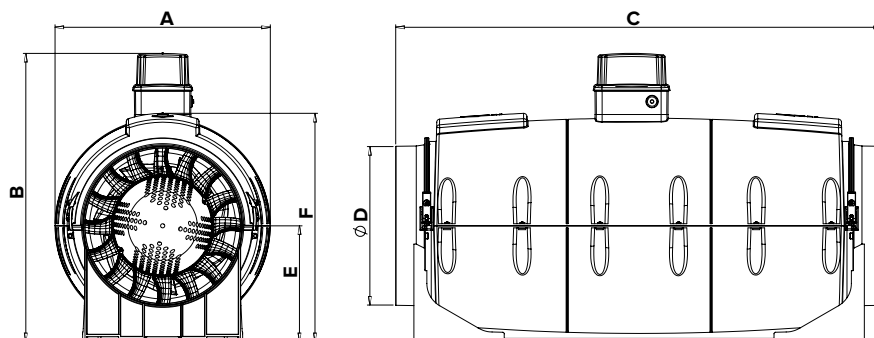
VERSION B

LINEO 200 QUIET ES - LINEO 250 QUIET ES



VERSION C

LINEO 315 QUIET ES

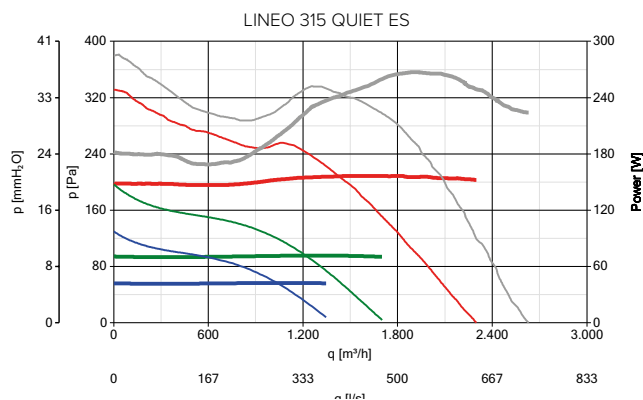
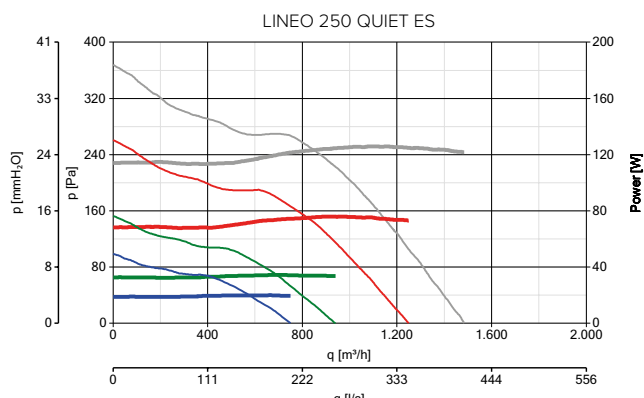
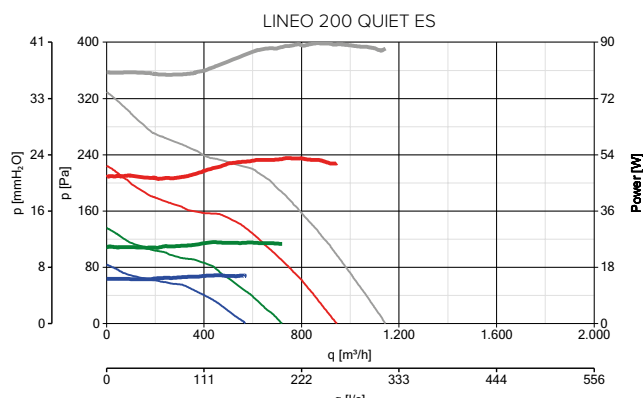
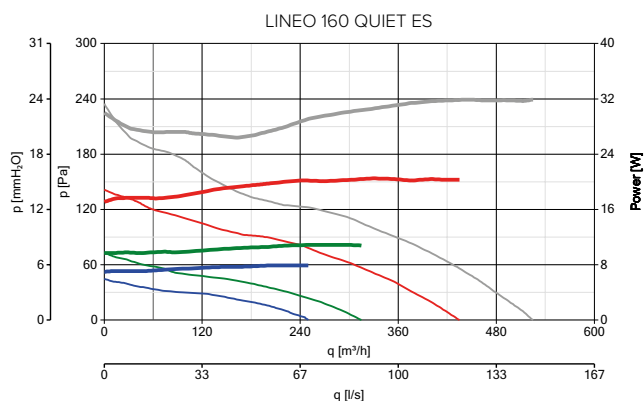
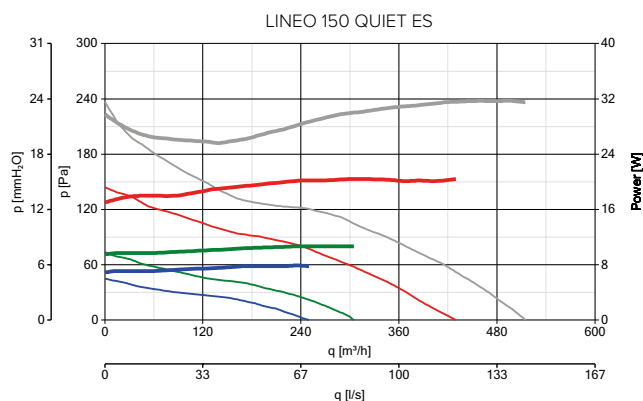
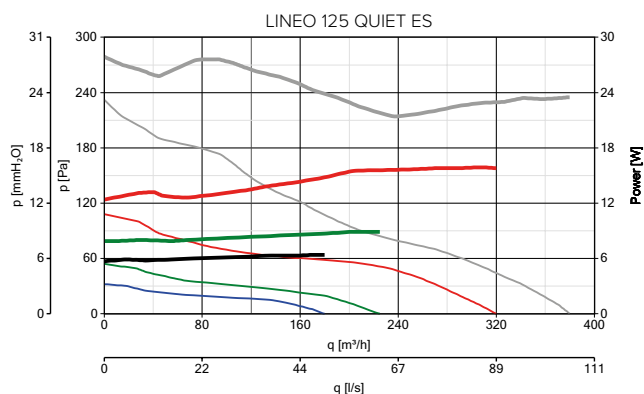
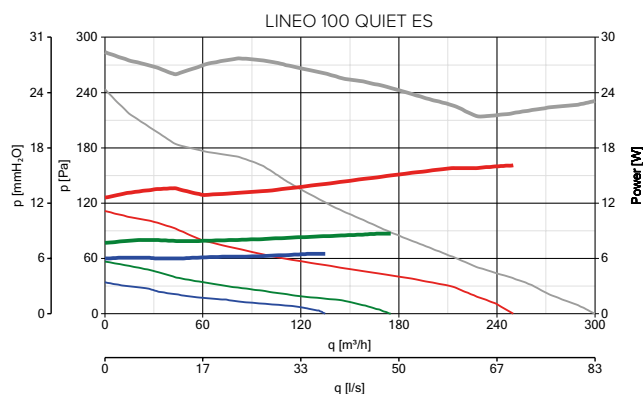




DUCTED FANS

LINEO QUIET ES RANGE

PERFORMANCE AND ABSORPTION CURVES - LINEO QUIET ES



CONSUMPTION PERFORMANCE

10V 10V

8V 8V

6V 6V

4V 4V





CONTROLLERS - LINEO QUIET ES

MODELS	DESCRIPTION	CODE	PRODUCT
	POT-IT - POTENTIOMETER COMPATIBLE WITH FLUSH MOUNTING IN UNI 503 ELECTRIC BOX	12826	17170 - 17171 - 17172 - 17173 - 17174 17175 - 17176
	POT - POTENTIOMETER COMPATIBLE WITH FLUSH MOUNTING IN DIN ELECTRIC BOX	12828	17170 - 17171 - 17172 - 17173 - 17174 17175 - 17176
	DUO - 2 SPEED SELECTOR	22914	ALL PRODUCTS
	C TEMP - TEMPERATURE SENSOR	12992	ALL PRODUCTS
	C SMOKE - AIR QUALITY SENSOR	12993	ALL PRODUCTS
	C HCS - HUMIDITY SENSOR	12994	ALL PRODUCTS
	C PIR - PASSIVE INFRARED SENSOR	12998	ALL PRODUCTS
	C TIMER - TIMER	12999	ALL PRODUCTS