



LONG LIFE 30.000 h



LINEO V0 ES RANGE

“Energy Saving” In-line mixed flow fans

Mixed flow duct fans constructed in self-extinguishing plastic resin, driven by 2-speed EC motors (brushless). Their small radial dimensions make them an effective, effective space-saving solution for low-visual impact ventilation of 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

- High efficiency EC (brushless) motors that are continuously adjustable (0-10V signal) or are settable at installation for 2-speed operation.
- COmpact overall dimensions, making installation easier even in cramped areas.
- COnstructed in self-extinguishing plastic resin (V0) and resistant to aggressive chemical agents.
- Easy installation and maintenance without disconnecting the fan from the extraction and delivery ducts.
- High protection rating from dust and water for safe use in industrial environments.
- Can be connected to environmental sensors (optional) to automatically adapt performance to actual requirements.

TECHNICAL FEATURES

- Motor-holder enclosures, end cones and mixed flow impellers constructed in self-extinguishing plastic resin (V0) with a mineral-based additive to ensure dimensional stability. The side cones incorporate the fan's anchoring brackets onto the target surface for safe, quick installation.
- Elastic devices for fixing the motor-holder to the end cones, built with quick coupling hinges with safety screws for easier cleaning and maintenance.
- Two-speed EC (brushless) motors with thermal overload cut-out and shafts turning on ball bearings to guarantee long lasting (at least 40,000 h) continuous service at the maximum plate temperature. Possibility of continuous speed adjustment through potentiometers (0-10V signal).
- Protection rating from dusts and water: IP44 (fan ducted in extraction and delivery).
- Insulation Class: II .

TECHNICAL DATA

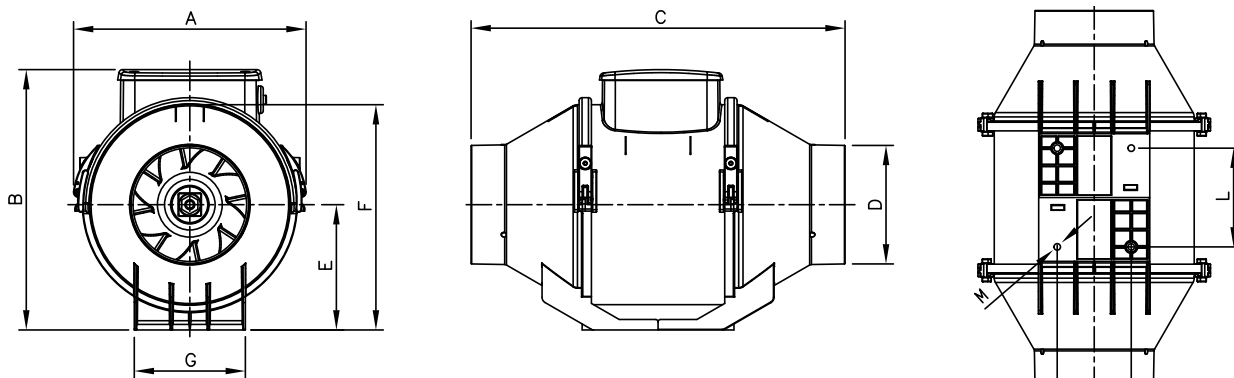
Models	Code	V~50HZ	W		A	Max Airflow		Max Pressure		LP DB(A) 3m min/max	Max °C	KG
			min/max			min/max		min/max				
LINEO 100 V0 ES	17150	220-240	3 20	0.05 0.20	300 2300	24 280	7 78	0.2 26.0	2 255	40.8	60	1.9
LINEO 125 V0 ES	17152	220-240	3 25	0.05 0.25	300 2350	35 360	10 100	0.2 31.0	2 304	44.4	60	1.8
LINEO 150 V0 ES	17153	220-240	3 55	0.05 0.50	300 2550	50 600	14 167	0.3 50.0	3 490	53.2	60	2.2
LINEO 160 V0 ES	17154	220-240	3 60	0.05 0.55	300 2650	55 620	15 172	0.3 50.0	3 490	54.1	60	2.1
LINEO 200 V0 ES	17155	220-240	3 80	0.05 0.75	300 3100	77 1000	21 278	0.3 34.0	3 333	47.5	60	2.5
LINEO 250 V0 ES	17156	220-240	3 124	0.05 1.00	300 3000	85 1100	24 306	0.7 60	7 588	57.3	50	5.3
LINEO 315 V0 ES	17157	220-240	5 240	0.05 1.5	300 2350	205 1805	57 514	1.1 68	11 667	64.9	50	9.5

TECHNICAL DATA FOR REGULATION N° 327/2011/UE (11, 1ST TIER)

Models	Code	Maesurement Cat.	Efficiency Cat.	Year of construction	Variable Drive	η	N.	BEP*				
								Pe kW	q m³/h	p Pa	RPM	Spec. ratio <1.04
LINEO 315 V0 ES	17157	C	STATIC	2016	YES	36.7	53.3	0.262	1050	291.36	2350	YES

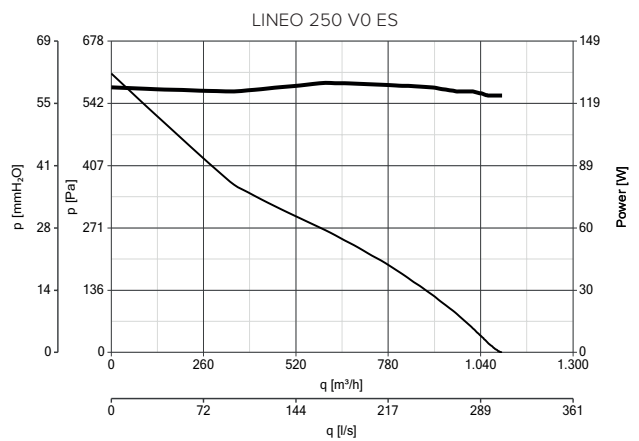
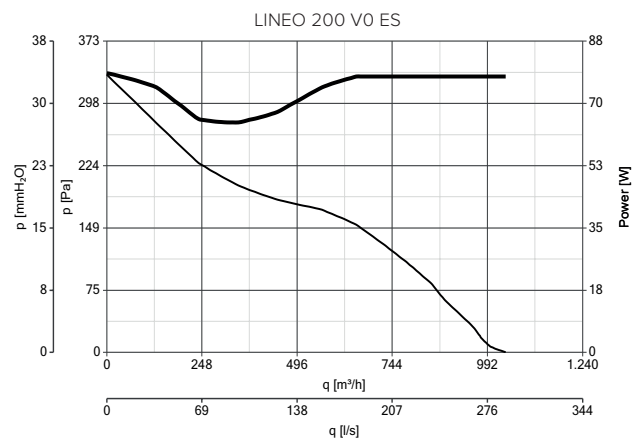
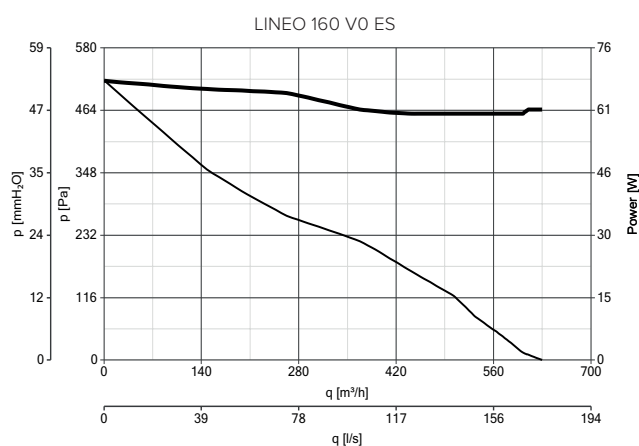
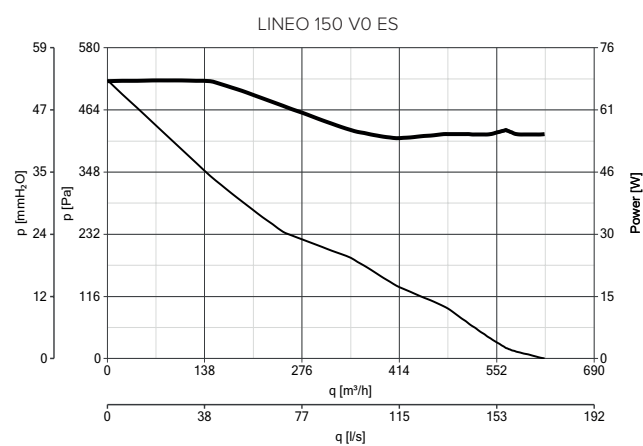
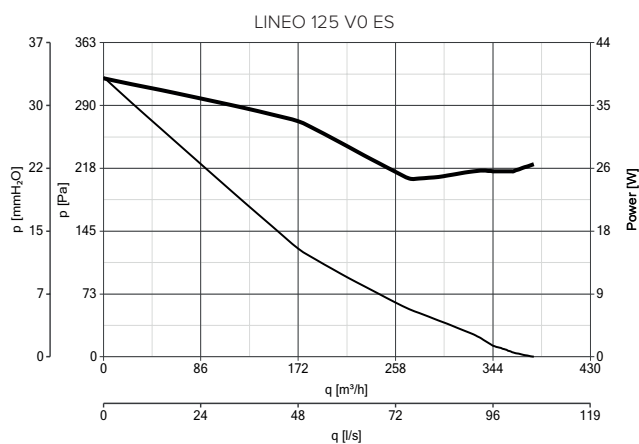
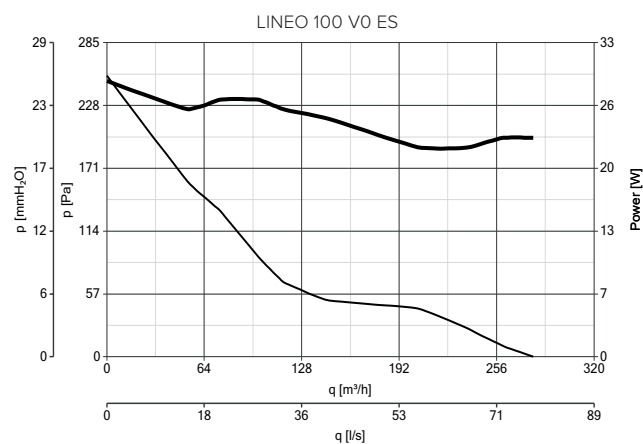
* Best efficiency point

DIMENSIONS



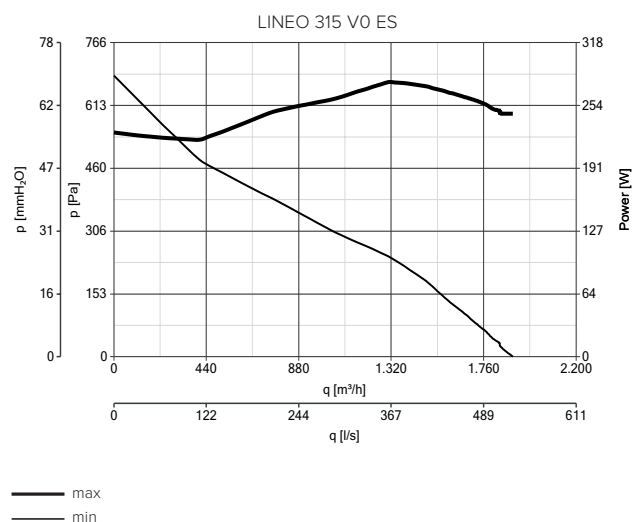
MODELS	ØA	B	C	ØD	E	F	G	H	L	M
LINEO 100 V0 ES	188.5	240	303	96	101.5	189	90	60	80	6
LINEO 125 V0 ES	188.5	240	258	122	101.5	189	90	60	80	6
LINEO 150 V0 ES	214.5	265	294	146	112.5	212	110	60	80	6
LINEO 160 V0 ES	214.5	265	272.5	156	112.5	212	110	60	80	6
LINEO 200 V0 ES	234.5	290	300	196	125.5	235	140	94	100	6
LINEO 250 V0 ES	300	350	385	247	125.5	292	176.5	140	145	6
LINEO 315 V0 ES	361.5	460	448	312	188.5	359	220.5	178	182	6

Dimensions (mm)

PERFORMANCES CURVES


— max
— min

PERFORMANCES CURVES





CONTROLLERS

MODELS	DESCRIPTION	CODE	PRODUCT
	DUO - 2 SPEEDS CONTROLLER	22914	ALL PRODUCTS
	POT - POTENTIOMETER	12828	ALL PRODUCTS
	POT-IT - POTENTIOMETER	12826	ALL PRODUCTS
	C TEMP - THERMO SWITCH	12992	ALL PRODUCTS
	C SMOKE - AIR QUALITY SENSOR	12993	ALL PRODUCTS
	C HCS - HUMIDISTAT	12994	ALL PRODUCTS
	C PIR - PASSIVE INFRARED SENSOR	12998	ALL PRODUCTS
	C TIMER - TIMER	12999	ALL PRODUCTS

ACCESSORIES ON REQUEST

MODELS	DESCRIPTION	CODE	PRODUCT	
	LINEO-G - PROTECTION GRILLE	100	22701	17150
		125	22702	17152
		150	22703	17153
		160	22704	17154
		200	22705	17155
		250	22706	17156
		315	22707	17157