



LONG LIFE 80.000 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

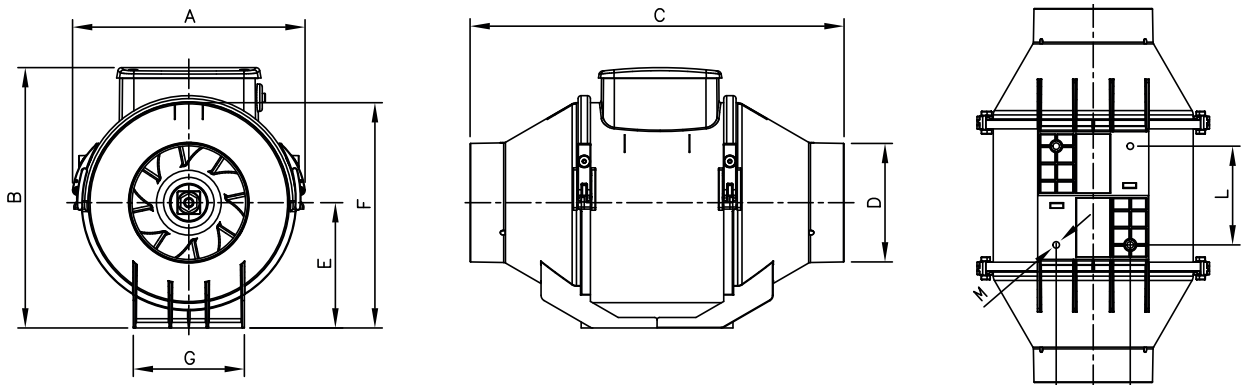
| Models | Code | V~50HZ | W | | | Max Airflow | | Max Pressure | | LP DB(A) 3m min/max | Max °C | KG |
|-----------------|-------|---------|----------|--------------|----------------|-----------------|----------------|-------------------------------|---------------|---------------------------|-----------|-----|
| | | | min/max | A min/max | RPM min/max | m³/h min/max | l/s min/max | mmH ₂ O min/max | Pa 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

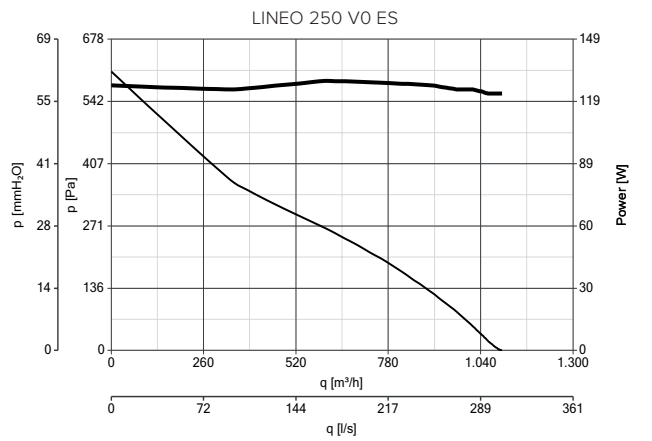
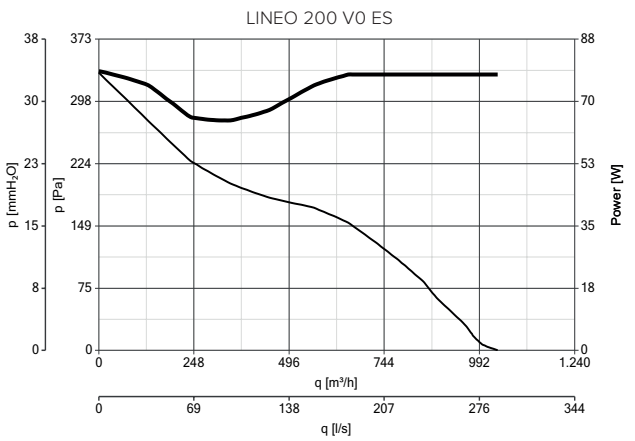
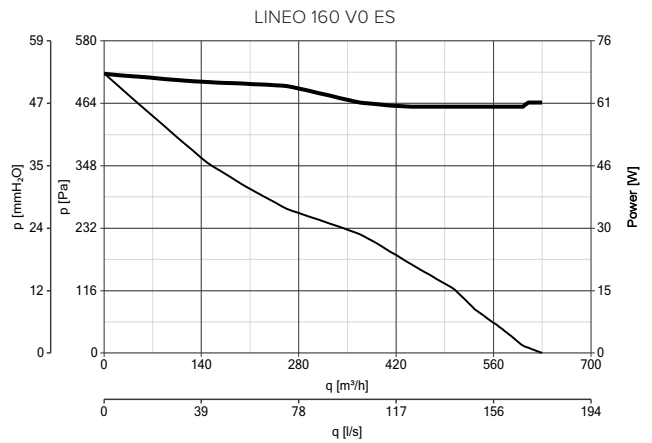
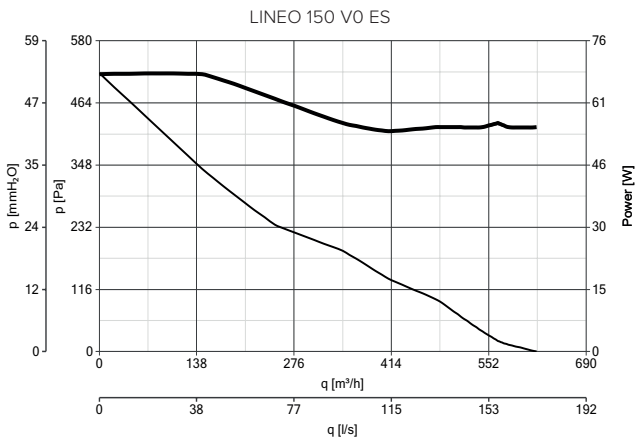
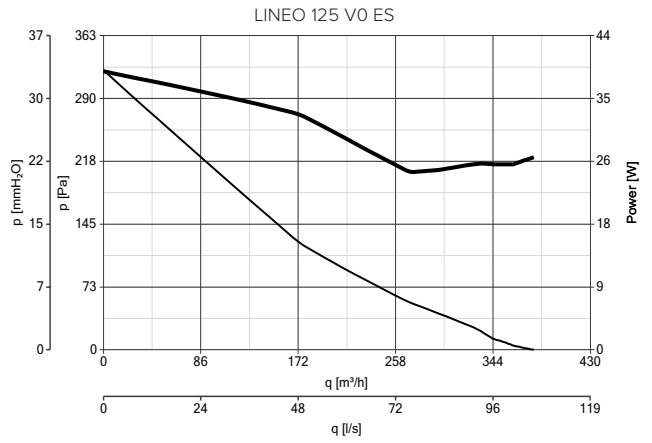
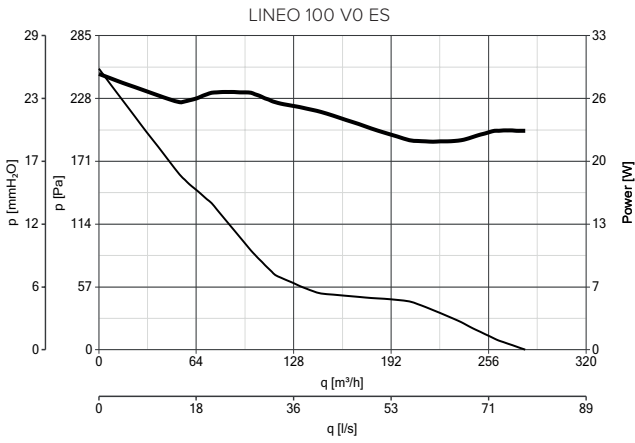


| MODELS | ØA | B | C | ØD | E | F | G | H | L | M |
|-----------------|-------|-----|-------|-----|-------|-----|-------|-----|-----|---|
| LINEO 100 V0 ES | 188.5 | 240 | 303 | 96 | 101.5 | 189 | 90 | 60 | 80 | 6 |
| LINEO 125 V0 ES | 188.5 | 240 | 258 | 122 | 101.5 | 189 | 90 | 60 | 80 | 6 |
| LINEO 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)



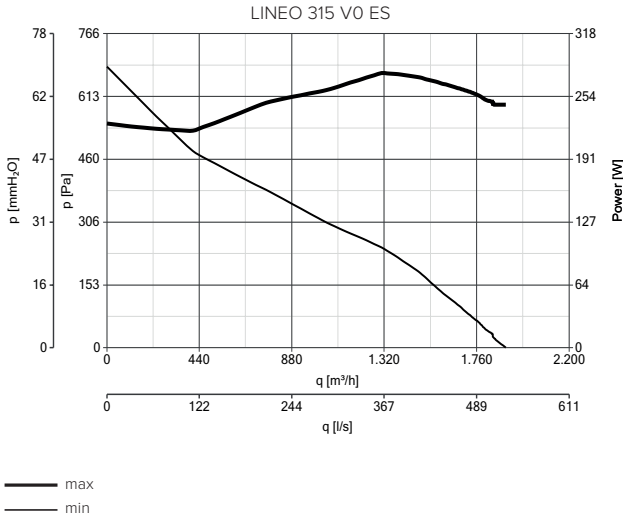
PERFORMANCES CURVES



— max
— min



PERFORMANCES CURVES











COMMERCIAL VENTILATION

LINEO V0 ES RANGE

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