

**NEW**

# VORTICE LINEO

In-line mixed flow  
extractor fans



VENTILATION  
AIR CONDITIONING  
AIR CLEANING  
HEATING



# VORTICE

## Air is life

We work to promote quality of life and a contribute to social evolution through eco-friendly products that move air safely and efficiently.



Our current Vortice Headquarters have been located in Tribiano (Milan) since 1972.



Founded in 1974, Vortice France is located at Créteil about 10 Km from Paris.



Founded in 1977, Vortice Limited is located at Burton on Trent in the East Midlands.

2010 - Our Moscow representative office was established  
2011 - Our Shanghai representative office was established

# Index

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**NEW**

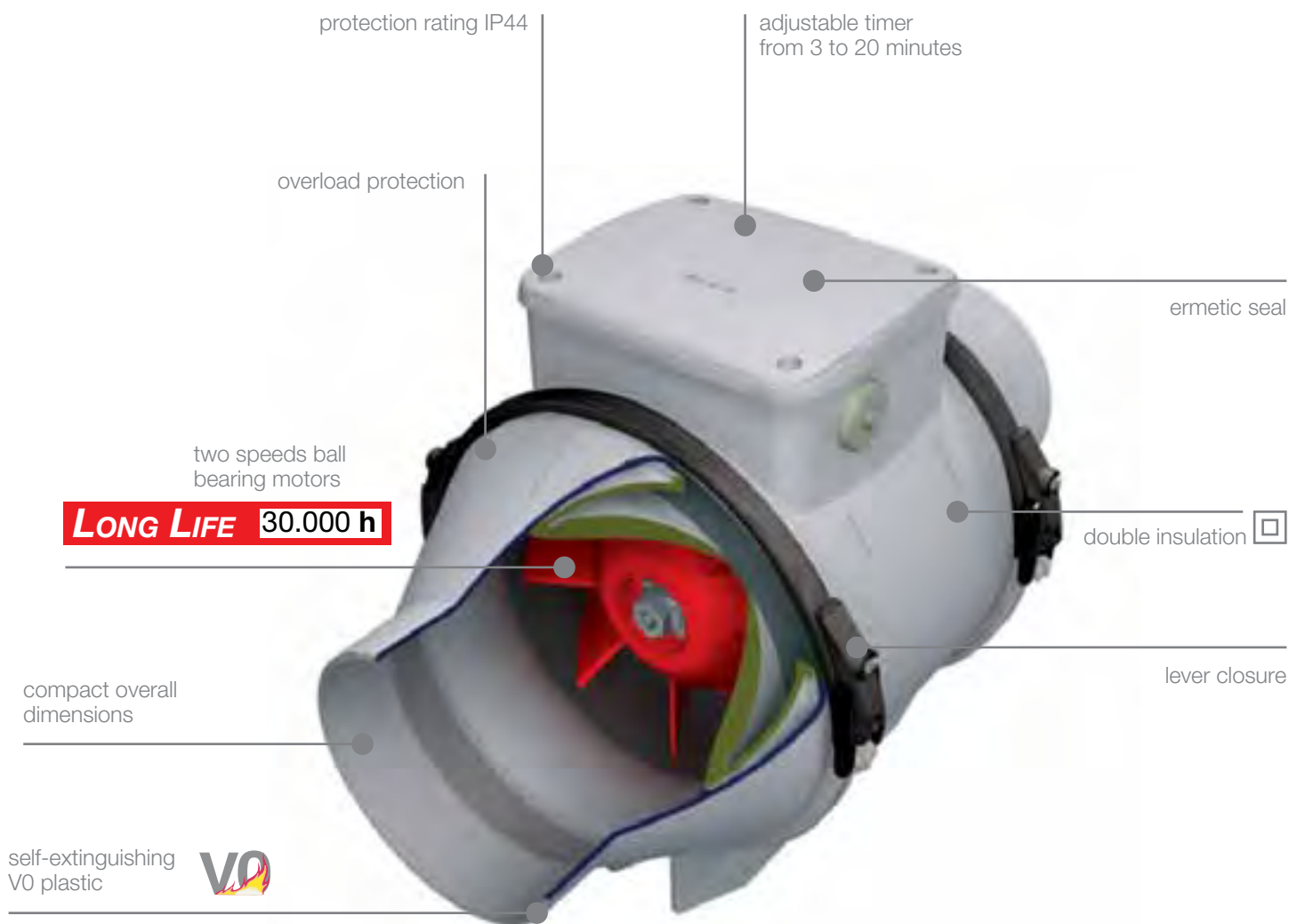
ES "Energy Saving"  
in-Line mixed flow extractor fans  
for duct mounting.

PAGE: 14 **LINEO VO**



In-Line mixed flow extractor  
fans for duct mounting.

# LINEO RANGE



**Vortice Lineo series in-line mixed flow fans are ideal for duct-mounted ventilation system requiring a good pressure, high air flow and low noise levels**

Vortice Lineo fans can be mounted in a wide range of options: at the beginning, middle or end of the air duct and horizontally, vertically, against walls, ceilings, false ceilings or any flat surface. Vortice Lineo range is easy to install and to be removed for inspection and maintenance. Vortice Lineo fans can be fitted

to standard round section pipes and to rectangular air ducts (using special mounting accessories). The integrated IP44 rated electrical junction box has an airtight cover.

The product is supplied complete with a bag of accessories including anchor bolts and plugs, cable clamps and grommets.



## LINEO ES



### Energy Saving

The Energy Saving Lineo ES models reduce specific consumption (lower consumption for the same performance). They work efficiently over a much wider range of speeds.

## LINEO V0



### Overload protection

Lineo V0 models from 100 to 200 are provided with thermal cut-out devices. Lineo models from 250 to 315 are equipped with thermal cut-out, manually resettable.

### Compliance to standards Vortice

Lineo range is complying with EN 60335-2-80. Performance conforms to UNI 10531 (Category D). They bear the CE Mark for compliance with the Low Voltage Directive (LVD) and Electromagnetic Compatibility Directive (EMC).



### Adjustable timer

Lineo V0 fans are also available with an adjustable, (from 3 to 20 minutes), overrun timer (models from 100 Q to 200). Only 1 speed allowed: minimum or maximum speed can be chosen.

## LINEO ES, LINEO V0



### Self-extinguishing V0 plastic

All models are in V0 grade plastic which guarantees the highest self-extinguishing rating as well as excellent mechanical strength.

### V0 grade (Ref. UL 98)

V0 is the most self-extinguishing plastic

available:

- V0 grade: flame self-extinguishing in 10 seconds without dripping
- V1 grade: flame self-extinguishing in 30 seconds without dripping
- V2 grade: flame self-extinguishing in 30 seconds with dripping.



### Compact overall dimensions

The products have a very small overall size, making them ideal for installation in cramped areas. Slim yet powerful, the overall diameter is only slightly larger than the ventilation duct it connects to.



### Long Life 30.000 h

Vortice Lineo range is fitted with ball bearing motors for a minimum 30.000 hours operation without mechanical malfunction.



### Protection rating IP44

The products are protected against dust and water from all directions, making them ideal for installation in humid and wet areas.



### Eco-Friendly

Vortice Lineo range guarantees a low environmental impact. Recyclable materials have been used and the "design for disassembly" technique has been followed (2002/96/EC - WEEE).



### Two Speeds

All models with two speed operation, including timer models.



### Environmental sensors

Vortice Lineo fans are capable of advanced functionality in combination with optional sensor units for monitoring humidity, detecting persons, ambient temperature, pollutant levels and air quality.

# LINEO ES



## ES THANKS TO BRUSHLESS MOTORS

The high-efficiency EC brushless motor equipping ES models provides a really significant energy saving, unconceivable with regular AC motors.

The Energy Saving models (ES) are marked with a special Green symbol. This type of motor enables to classify products as “Energy Saving”, for two reasons:

1. they reduce specific consumption (lower consumption for the same performance, with efficiency greater than

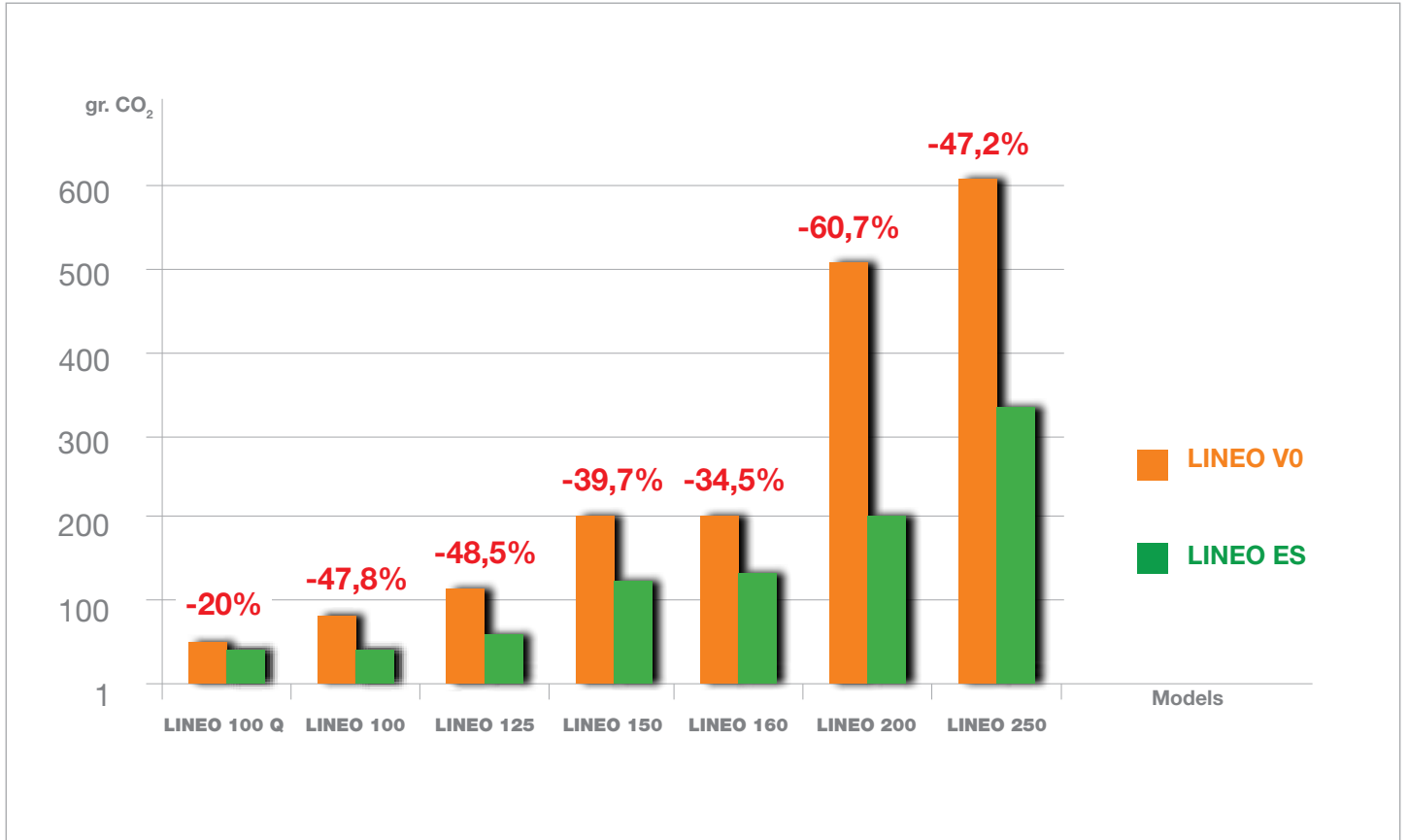
80%, against about 30% of AC motors);

2. thanks to their modulability, which means that they work efficiently over a much wider range of speeds, they are able to adapt their output to actual real needs.

# LINEO ES

## CO<sub>2</sub> EMISSION COMPARISON

Annual reductions in CO<sub>2</sub> emissions (ref. [0,6 g / kWh]\*)



\*Source: German Federal Environment Agency (UBA)

# LINEO ES



**LONG LIFE 30.000 h**

## Product specifications:

- 7 models:  
LINEO 100 Q ES  
LINEO 100 ES  
LINEO 125 ES  
LINEO 150 ES  
LINEO 160 ES  
LINEO 200 ES  
LINEO 250 ES.
- Enclosure and impellers made of self-extinguishing V0 polypropylene.
- Electrically controlled DC-EC brushless motors offer optimal performance and extremely low energy consumption, and can be adjusted individually.
- Ball bearing motors for a minimum 30.000 hours operation without mechanical malfunction.
- Three-phase brushless highly efficient motors.
- Constant torque operation: it is possible to choose between 2 alternative torque levels, (min speed - max speed).
- 2 speeds.
- Controllable with Vortice environmental sensors and DUO two-speed controller.
- Max temperature: +50 °C (Lineo 200 ES and 250 ES); +60 °C (Lineo 100 Q ES, 100 ES, 125 ES, 150 ES)
- Protection rating: IP44 (inline installation).
- Insulation class: Cl.II.

## Accessories at page 28

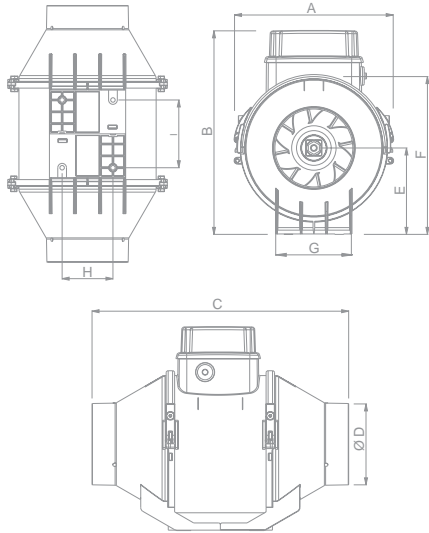
## KEY FEATURES

- Quick, easy installation. The mounting brackets supplied with the unit make installation fast and easy. Motor housing can be rotated to fit the mounting point for even simpler installation. Mounting bolts included.
- Simple maintenance. Lineo Es are equipped with a unique double-lever closure which allows the fan unit to be removed in just a few seconds without affecting the installation as a whole.
- Application inside horizontal or vertical ducting.
- Energy saving technology reduces specific consumption.
- By means of 2 trimmers on the circuit board, deliveries can be set within predetermined ranges, to achieve the best mix of performance, consumption and sound emissions.
- Compact overall dimensions.



# LINEO ES

## DIMENSIONS



Models	Code	A	B	C	Ø D	E	F	G	H	I	Kg
<b>LINEO 100 Q ES</b>	17036	156	205	231	96	82	152	95	51.5	47.5	1.5
<b>LINEO 100 ES</b>	17031	188.5	240	303	96	101.5	189	90	60	80	1.9
<b>LINEO 125 ES</b>	17032	188.5	240	258	122	101.5	189	90	60	80	1.8
<b>LINEO 150 ES</b>	17033	214.5	265	294	146	112.5	212	110	60	80	2.2
<b>LINEO 160 ES</b>	17034	214.5	265	272.5	156	112.5	212	110	60	80	2.1
<b>LINEO 200 ES</b>	17037	234.5	290	300	196	125.5	235	140	94	100	2.5
<b>LINEO 250 ES</b>	17038	300	350	385	247	152.5	292	176.5	140	145	5.3

Dimensions (mm)

## TECHNICAL DATA

Models	Code	Watt W		Rated current A		Air Flow (m³/h)		Air Flow (l/s)		Pressure (Pa)		Pressure (mmH₂O)		RPM		Noise level at 3 m dB(A)*	
		min speed	max speed	min speed	max speed	min speed	max speed	min speed	max speed	min speed	max speed	min speed	max speed	min speed	max speed	min speed	max speed
<b>LINEO 100 Q ES</b>	17036	4.5	7	0.05	0.08	90	145	25	40	35	78	3.6	8	1420	2120	21.0	33.3
		7	12	0.07	0.12	155	210	43	58	88	147	9	15	2125	2850	28.9	40.0
		10	16.5	0.10	0.16	170	230	47	64	108	177	11	18	2560	3300	33.5	44.5
<b>LINEO 100 ES</b>	17031	5.5	8	0.06	0.09	140	185	39	51	69	118	7	12	1320	1650	25.3	31.4
		8	12	0.09	0.12	180	255	50	71	118	225	12	23	1620	2000	31.4	36.4
		11	17	0.11	0.17	220	270	61	75	167	255	17	26	1920	2330	35.7	40.8
<b>LINEO 125 ES</b>	17032	6.5	10.5	0.07	0.11	190	270	53	75	88	157	9	16	1285	1660	28.9	35.1
		10	17	0.10	0.17	250	365	69	101	147	284	15	29	1600	2040	34.8	40.3
		13.5	24	0.13	0.22	300	380	83	105	196	324	20	33	1870	2370	39.3	44.4
<b>LINEO 150 ES</b>	17033	10	22	0.10	0.20	325	440	90	122	147	275	15	28	1340	1875	35.0	44.1
		15	35	0.15	0.31	385	550	107	153	216	422	22	43	1630	2230	41.6	47.1
		22	52	0.20	0.44	465	620	129	172	304	520	31	53	1870	2560	46.0	53.2
<b>LINEO 160 ES</b>	17034	10	23	0.10	0.21	325	450	90	125	147	275	15	28	1300	1900	33.8	44.6
		15	38	0.15	0.33	385	570	107	158	216	422	22	43	1560	2290	39.2	47.7
		22	55	0.20	0.45	465	630	129	175	304	520	31	53	1830	2620	45.7	54.1
<b>LINEO 200 ES</b>	17037	22	34	0.21	0.32	620	760	172	211	127	186	13	19	1990	2330	39.4	44.3
		36	57	0.33	0.50	750	1000	208	278	186	265	19	27	2400	2820	44.8	46.2
		53	74	0.47	0.63	870	1080	242	300	245	363	25	37	2750	3120	45.3	47.5
<b>LINEO 250 ES</b>	17038	27	59	0.26	0.54	650	850	180	236	186	333	19	34	1720	2280	43.0	50.9
		45	95	0.42	0.83	800	1150	222	319	284	500	29	51	2100	2750	47.4	55.0
		65	124	0.59	1.06	920	1250	255	347	363	637	37	65	2400	3010	50.4	57.3

The values in the table refer to three conditions: minimum setting, nominal and maximum setting.

\*In free field, measured from inlet.

Electric supply: 220-240V-50Hz.

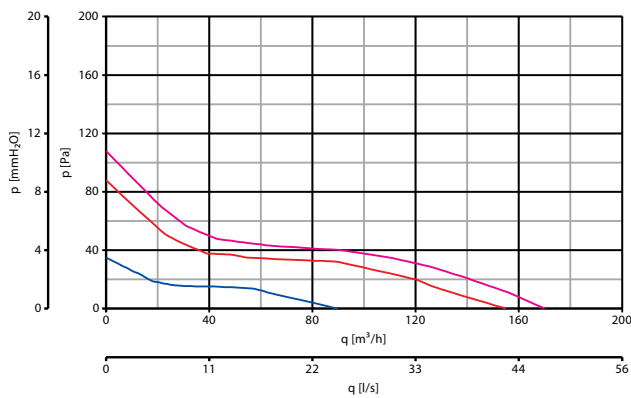
# LINEO ES

## PERFORMANCE CURVES

### LINEO 100 Q ES code 17036

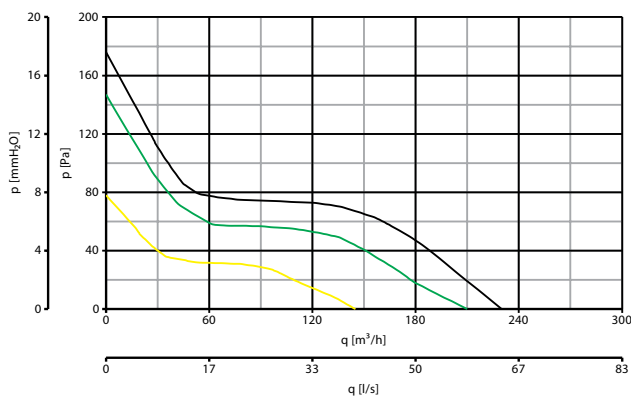


#### min. speed



- min. setting
- nominal setting
- max. setting

#### max. speed

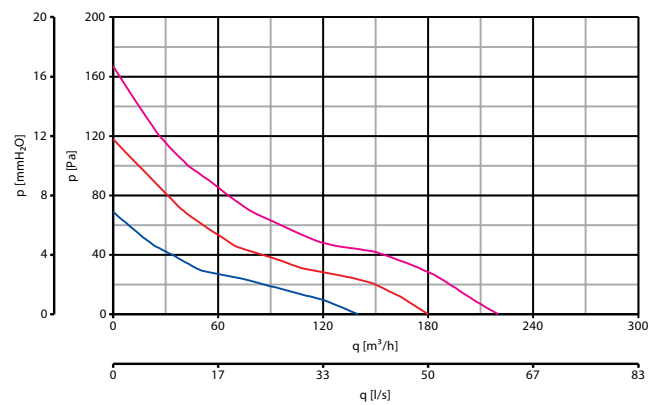


- min. setting
- nominal setting
- max. setting

### LINEO 100 ES code 17031

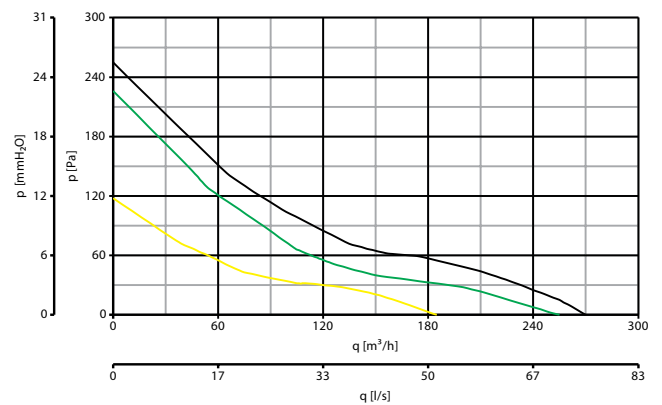


#### min. speed



- min. setting
- nominal setting
- max. setting

#### max. speed



- min. setting
- nominal setting
- max. setting

p = static pressure

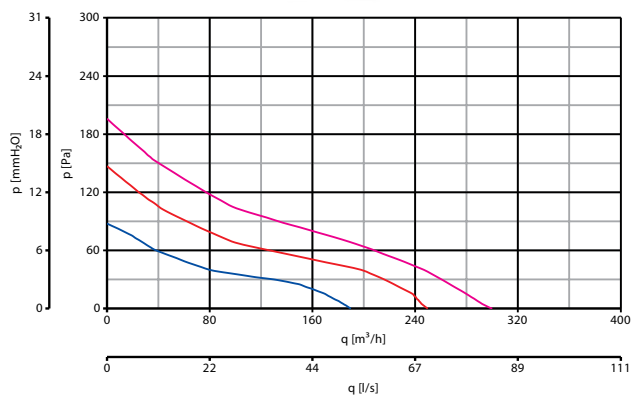
# LINEO ES

## PERFORMANCE CURVES

### LINEO 125 ES code 17032

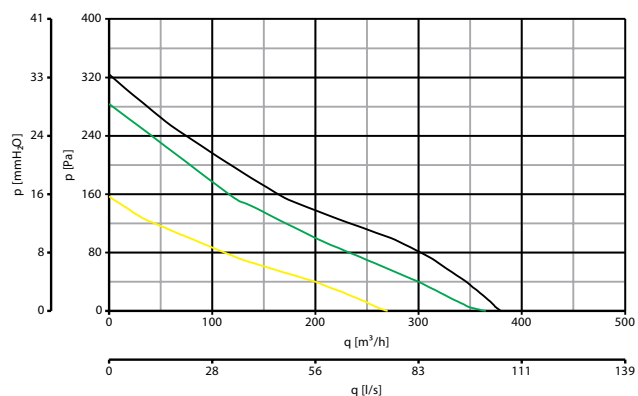


min. speed



- min. setting
- nominal setting
- max. setting

max. speed

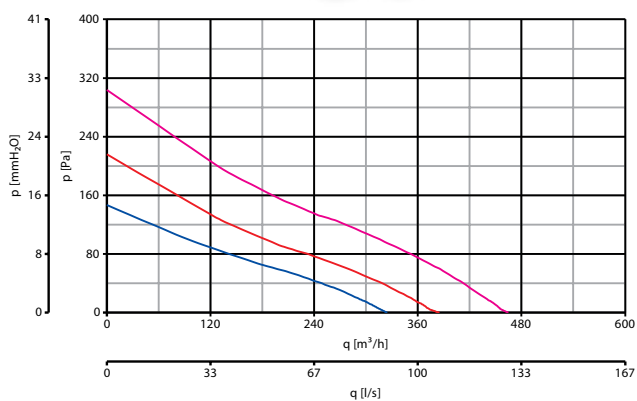


- min. setting
- nominal setting
- max. setting

### LINEO 150 ES code 17033

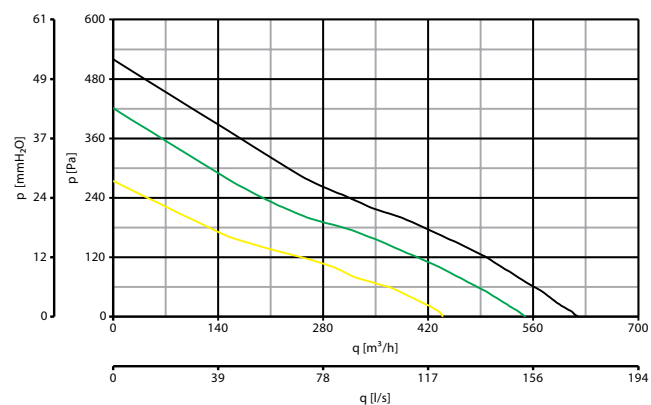


min. speed



- min. setting
- nominal setting
- max. setting

max. speed



- min. setting
- nominal setting
- max. setting

p = static pressure

# LINEO ES

## PERFORMANCE CURVES

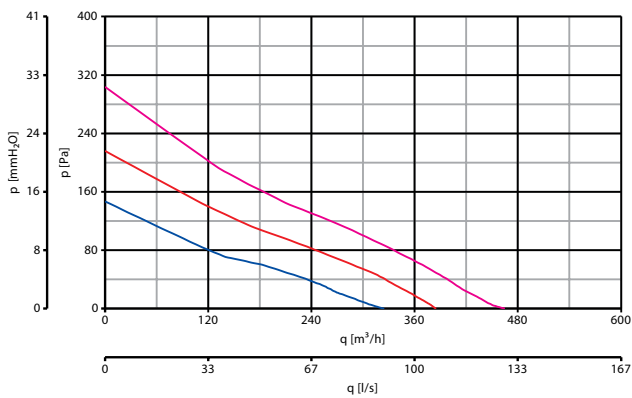
**LINEO 160 ES**  
code 17034



**LINEO 200 ES**  
code 17037

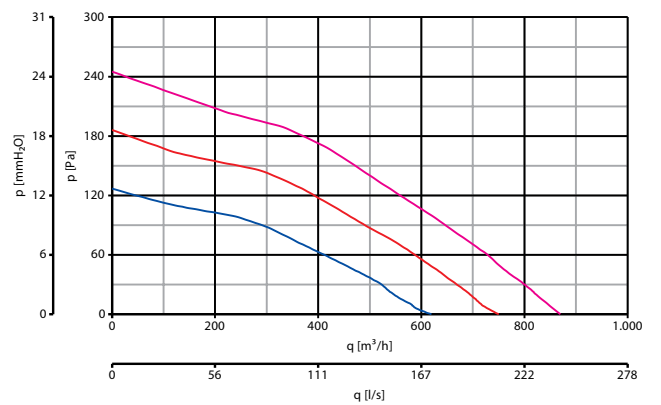


min. speed



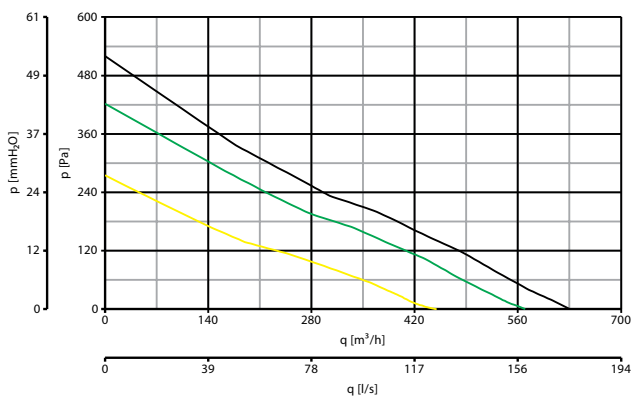
- min. setting
- nominal setting
- max. setting

min. speed



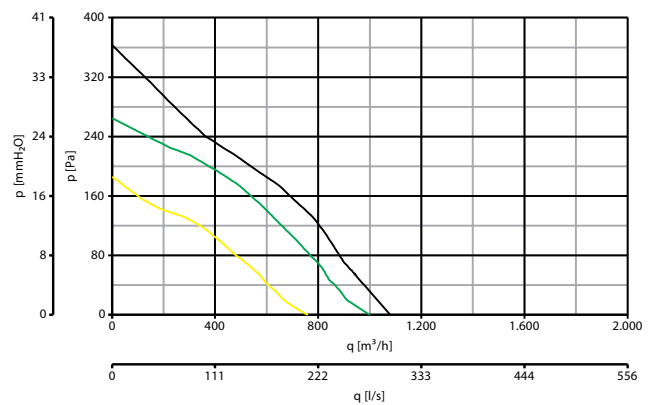
- min. setting
- nominal setting
- max. setting

max. speed



- min. setting
- nominal setting
- max. setting

max. speed



- min. setting
- nominal setting
- max. setting

p = static pressure

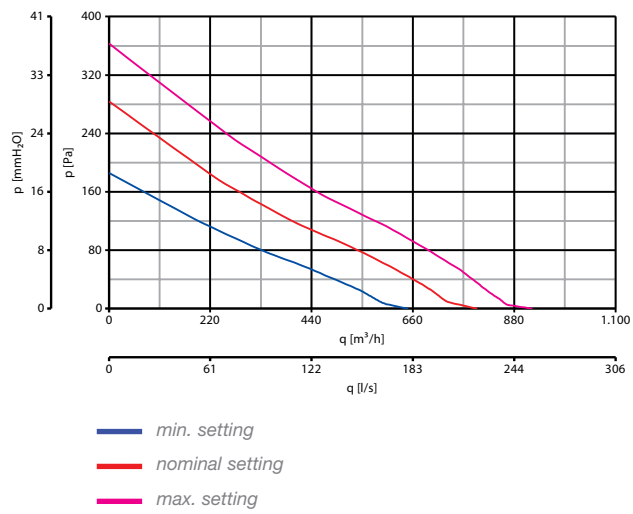
# LINEO ES

PERFORMANCE CURVES

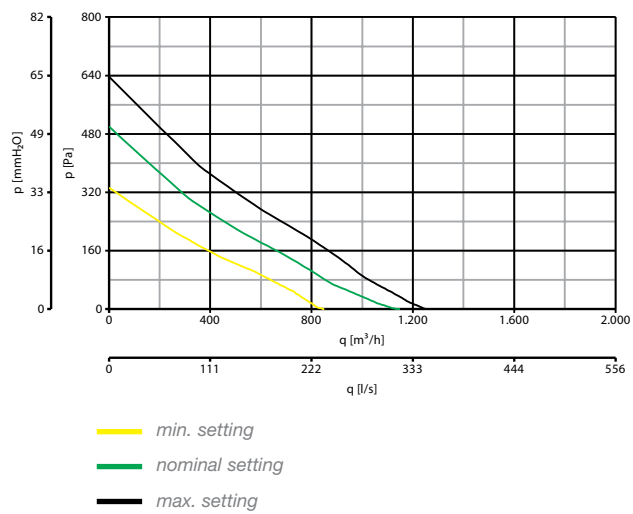
**LINEO 250 ES**  
code 17038



**min. speed**



**max. speed**



$p$  = static pressure

# LINEO V0



**LONG LIFE 30.000 h**

**TIMER**

## Products specifications:

- 16 models:
  - LINEO 100 Q V0
  - LINEO 100 Q T V0
  - LINEO 100 V0
  - LINEO 100 T V0
  - LINEO 125 V0
  - LINEO 125 T V0
  - LINEO 150 V0
  - LINEO 150 T V0
  - LINEO 160 V0
  - LINEO 160 T V0
  - LINEO 200 Q V0
  - LINEO 200 V0
  - LINEO 200 T V0
  - LINEO 250 V0
  - LINEO 250 Q V0
  - LINEO 315 V0
- Enclosure and impellers made of self-extinguishing V0 polypropylene.
- Ball bearing motors; motors 30,000 hours operation without mechanical malfunction.
- 2 speed motors.
- Speed of all models can be adjusted through optional speed controllers.
- Controllable with Vortice environmental sensors and DUO two-speed controller.
- Max continuous operating temperature: 60°C.
- Protection rating: IP44
- Insulation class: Cl.II. □

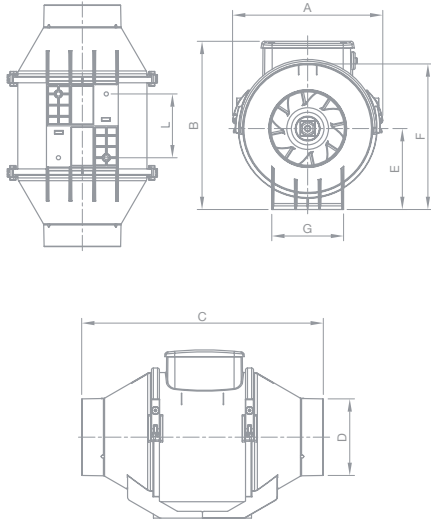
## Accessories at page 28

## KEY FEATURES

- Quick, easy installation. The mounting brackets supplied with the unit make installation fast and easy. Motor housing can be rotated to fit the mounting point for even simpler installation. Mounting bolts included.
- Simple maintenance. Lineo V0 are equipped with a unique double-lever closure which allows the fan to be removed in just a few seconds without affecting the installation as a whole.
- Lineo V0 products are also available with an adjustable timer, from 3 to 20 minutes(T versions).
- Silent running.
- Compact overall dimensions.

# LINEO VO

## DIMENSIONS



Models	Code	A	B	C	Ø D	E	F	G	L	Kg
LINEO 100 Q VO	17005	156	174	231	96	82	152	95	47.5	1.25
LINEO 100 Q T VO	17025									
LINEO 100 VO	17001	188.5	211	303	96	101.5	189	90	80	1.8
LINEO 100 T VO	17021									
LINEO 125 VO	17002	188.5	211	258	122	101.5	189	90	80	1.8
LINEO 125 T VO	17022									
LINEO 150 VO	17003	214.5	234	294	146	112.5	212	110	80	2.4
LINEO 150 T VO	17023									
LINEO 160 VO	17004	214.5	234	272.5	156	112.5	212	110	80	2.4
LINEO 160 T VO	17024									
LINEO 200 Q VO	17007	234.5	260.5	300	196	125.5	235	140	100	3.7
LINEO 200 VO	17006									
LINEO 200 T VO	17026									
LINEO 250 Q VO	17027	300	317	385	247	152.5	292	176.5	145	7
LINEO 250 VO	17009									
LINEO 315 VO	17010	361.5	392.5	448	312	188.5	359	220.5	182	11.3

Dimensions (mm)

## TECHNICAL DATA

Models	Code	Watt W		Rated current A		Air Flow (m³/h)		Air Flow (l/s)		Pressure (Pa)		Pressure (mm H <sub>2</sub> O)		RPM		Noise level at 3 m dB(A)*	
		min speed	max speed	min speed	max speed	min speed	max speed	min speed	max speed	min speed	max speed	min speed	max speed	min speed	max speed	min speed	max speed
LINEO 100 Q VO	17005	12	15	0.05	0.07	155	200	43.1	55.6	63.8	73.6	6.5	7.5	1860	2450	29.4	37.9
LINEO 100 Q T VO	17025																
LINEO 100 VO	17001	20	23	0.09	0.11	180	255	50	70.8	127.5	161.9	13	16.5	1520	2030	30.7	39.4
LINEO 100 T VO	17021																
LINEO 125 VO	17002	25	33	0.11	0.15	250	365	69.4	101.4	127.5	166.8	13	17	1570	2140	33.9	43
LINEO 125 T VO	17022																
LINEO 150 VO	17003	40	58	0.18	0.26	385	550	106.9	152.8	206	264.9	21	27	1580	2100	41.4	50.5
LINEO 150 T VO	17023																
LINEO 160 VO	17004	40	58	0.18	0.26	385	550	106.9	152.8	206	264.9	21	27	1580	2100	41.7	50.8
LINEO 160 T VO	17024																
LINEO 200 Q VO	17007	45	75	0.22	0.37	700	950	194.4	263.9	127.5	284.5	13	29	1780	2740	39.6	49
LINEO 200 VO	17006																
LINEO 200 T VO	17026																
LINEO 250 Q VO	17027	85	110	0.40	0.50	720	990	200	275	333.5	519.9	34	53	1850	2550	49.1	56.2
LINEO 250 VO	17009																
LINEO 315 VO	17010	200	300	0.90	1.32	1740	2300	483.3	638.9	426.7	735.8	43.5	75	1780	2450	50.6	63.4

\*In free field

Electric supply: 220-240V-50Hz.

# LINEO VO

## SOUND PRESSURE LEVEL

Models	Code	Sound pressure level [db(A)] <small>*EN ISO 3741:1999</small>	
		min	max
LINEO 100 Q VO	17005	29.4	37.9
LINEO 100 Q T VO	17025		
LINEO 100 VO	17001	30.7	39.4
LINEO 100 T VO	17021		
LINEO 125 VO	17002	33.9	43
LINEO 125 T VO	17022		
LINEO 150 VO	17003	41.4	50.5
LINEO 150 T VO	17023		
LINEO 160 VO	17004	41.7	50.8
LINEO 160 T VO	17024		
LINEO 200 Q VO	17007	39.6	49.0
LINEO 200 VO	17006	46.2	52.5
LINEO 200 T VO	17026		
LINEO 250 Q VO	17027	49.1	56.2
LINEO 250 VO	17009	51.4	59.1
LINEO 315 VO	17010	50.6	63.4

Sound Level measured at 3 m from inlet in free air condition with product ducted only in outlet according to EN ISO 3741: 1999.

Models	Code	Sound pressure level [db(A)] <small>*EN ISO 3741:1999</small>	
		min	max
LINEO 100 Q VO	17005	25	29
LINEO 100 Q T VO	17025		
LINEO 100 VO	17001	25	30
LINEO 100 T VO	17021		
LINEO 125 VO	17002	27	33
LINEO 125 T VO	17022		
LINEO 150 VO	17003	28	33
LINEO 150 T VO	17023		
LINEO 160 VO	17004	28	34
LINEO 160 T VO	17024		
LINEO 200 Q VO	17007	30	36
LINEO 200 VO	17006	32	38
LINEO 200 T VO	17026		
LINEO 250 Q VO	17027	38	40
LINEO 250 VO	17009	37	39
LINEO 315 VO	17010	41	47

Sound Level measured at 3 m in free air condition with product completely ducted.

## SOUND POWER LEVEL (maximum speed)

Models	Code	Frequency band [Hz]							L <sub>WA</sub> [db(A)]
		125	250	500	1000	2000	4000	8000	
LINEO 100 Q VO	17005	45.6	56.5	55.5	55.6	47.4	44.3	33.6	58.5
LINEO 100 Q T VO	17025								
LINEO 100 VO	17001	52.3	62.3	58.6	53.5	51.0	42.6	34.0	60
LINEO 100 T VO	17021								
LINEO 125 VO	17002	51.4	61.8	59.5	59.6	56.8	48.6	40.5	63.6
LINEO 125 T VO	17022								
LINEO 150 VO	17003	60.5	68.3	67.8	63.7	66.7	55.6	45.8	71.1
LINEO 150 T VO	17023								
LINEO 160 VO	17004	59.1	68.9	66.7	64.4	67.0	57.8	48.4	71.3
LINEO 160 T VO	17024								
LINEO 200 Q VO	17007	64.2	69.6	66.5	62.8	63.5	55.2	47.3	69.5
LINEO 200 VO	17006	68.6	68.6	71.2	69.1	70.7	66.3	57.4	75.7
LINEO 200 T VO	17026								
LINEO 250 Q VO	17027	65.8	75.1	71.5	74.0	66.7	60.8	52.5	76.5
LINEO 250 VO	17009	69.0	73.1	77.2	76.0	72.3	62.9	55.1	79.7
LINEO 315 VO	17010	73.3	78.4	79.4	81.1	76.5	67.6	59.6	83.9



# LINEO V0

## INSTALLATIONS

Vortice Lineo extractors can be mounted in a wide range of options - at the beginning, middle or end of the air duct and horizontally, vertically, against walls, ceilings, false ceilings or any flat surface. One of the main features of the tinspection and maintenance, in just a few seconds. Vortice Lineo units can be fitted to standard round section pipes and to rectangular air ducts (using unique special mounting accessories).

**AS A SINGLE UNIT AT THE INLET**



**IN SERIES (DOUBLES THE PRESSURE)**



**AS A SINGLE UNIT WITHIN THE DUCT**



**IN PARALLEL (DOUBLES THE AIR FLOW)**



**AS A SINGLE UNIT AT THE DUCT OUTLET**



**IN SERIES + PARALLEL FOR RECTANGULAR DUCTS  
(DOUBLES THE PRESSURE AND THE AIR FLOW)**



# LINEO V0

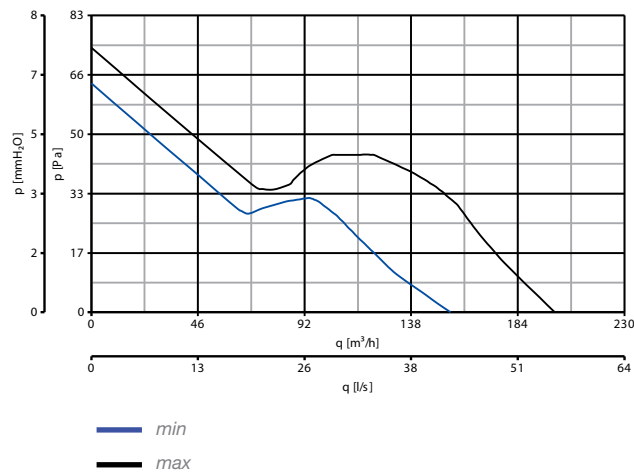
## PERFORMANCE CURVES

### LINEO 100 Q V0

code 17005

### LINEO 100 Q T V0

code 17025

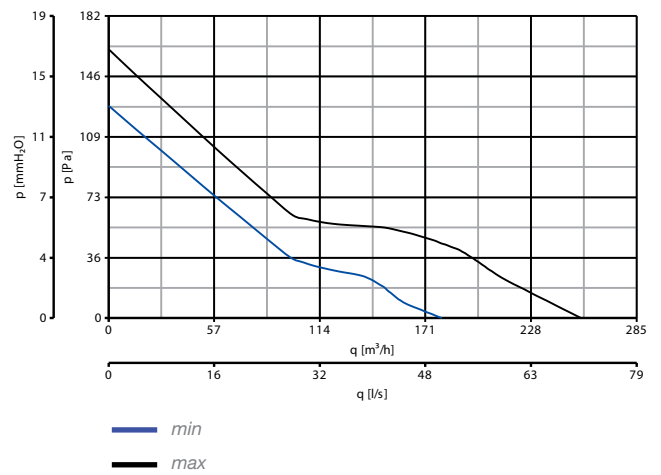


### LINEO 100 V0

code 17001

### LINEO 100 T V0

code 17021

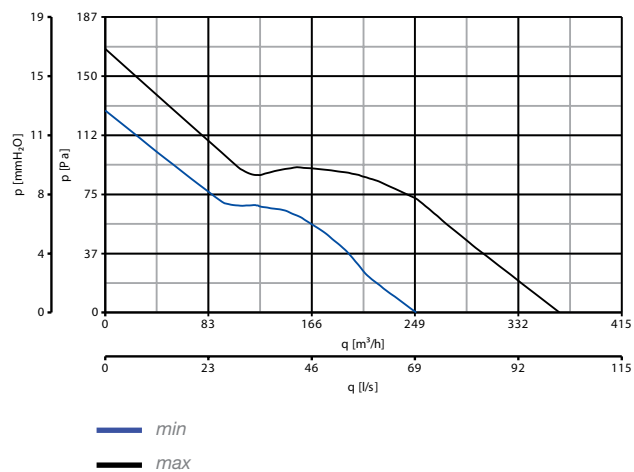


### LINEO 125 V0

code 17002

### LINEO 125 T V0

code 17022

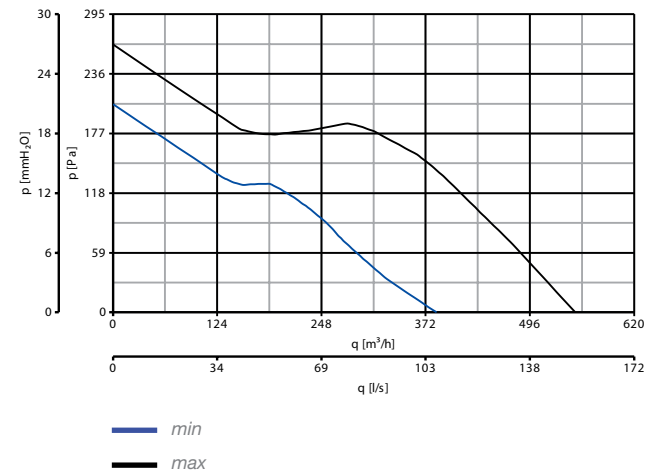


### LINEO 150 V0

code 17003

### LINEO 150 T V0

code 17023



# LINEO V0

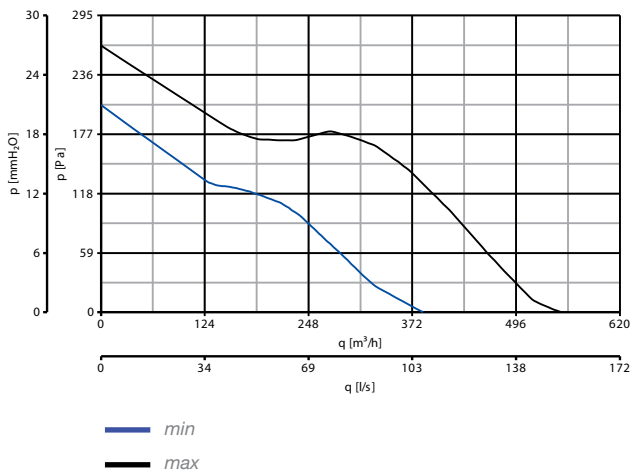
## PERFORMANCE CURVES

### LINEO 160 V0

code 17004

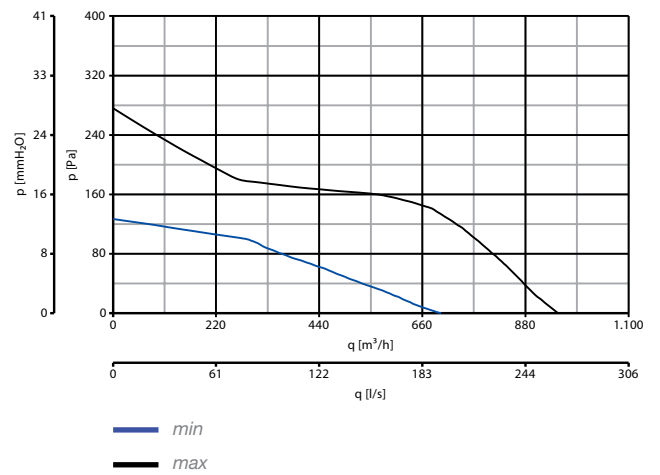
### LINEO 160 T V0

code 17024



### LINEO 200 Q V0

code 17007

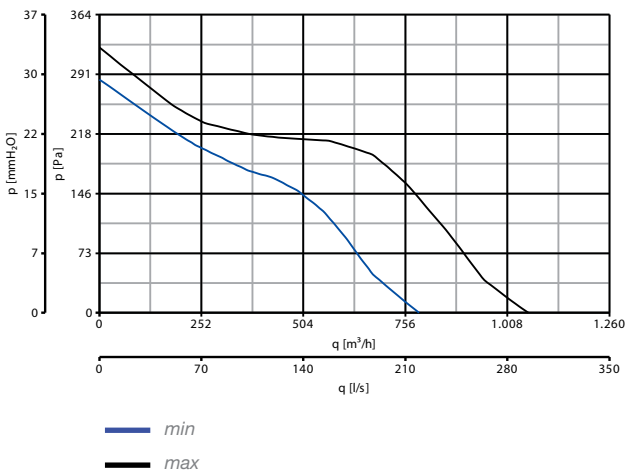


### LINEO 200 V0

code 17006

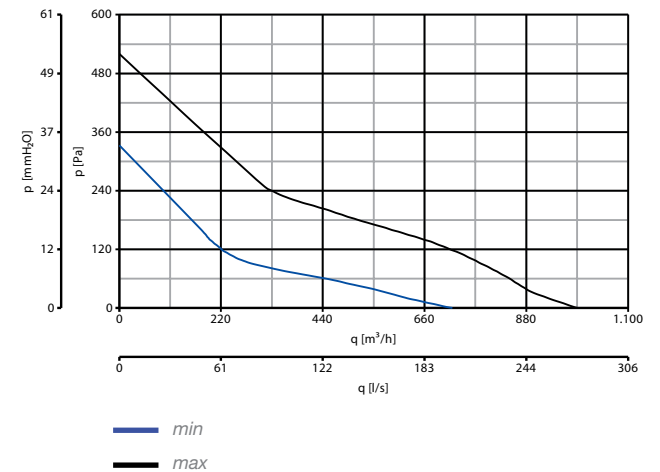
### LINEO 200 T V0

code 17026



### LINEO 250 Q V0

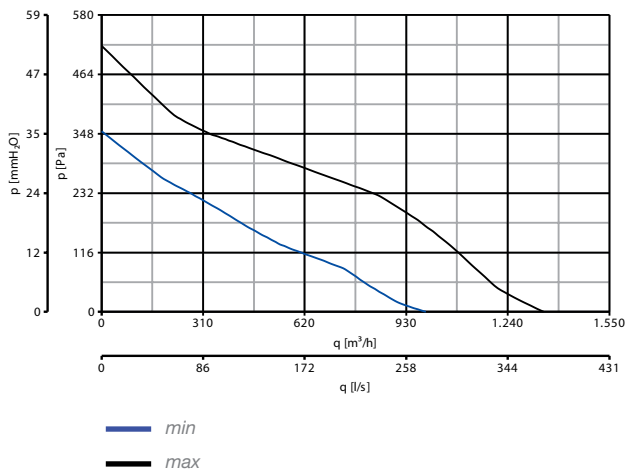
code 17027



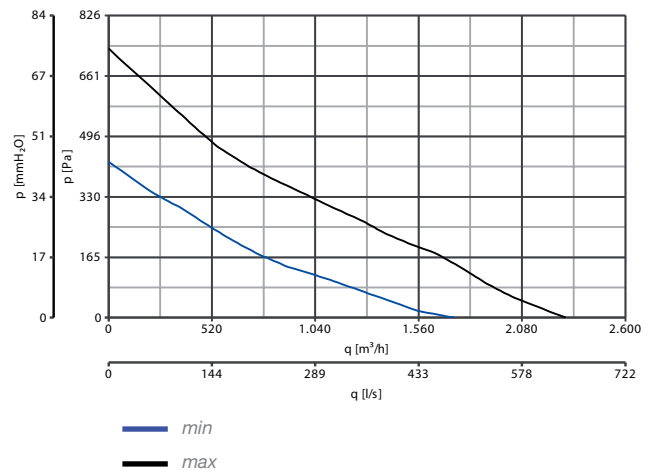
# LINEO V0

## PERFORMANCE CURVES

**LINEO 250 V0**  
code 17009

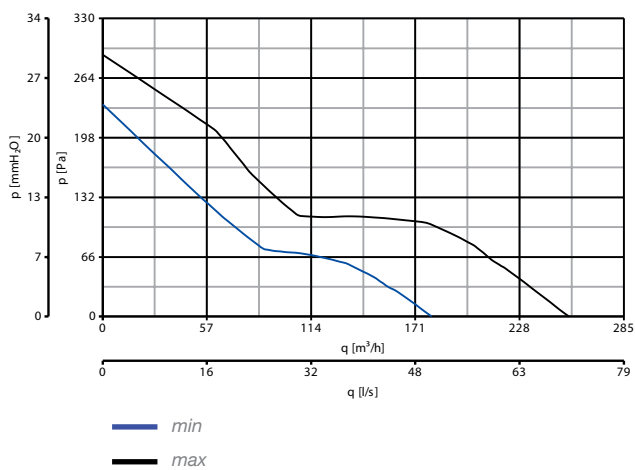


**LINEO 315 V0**  
code 17010

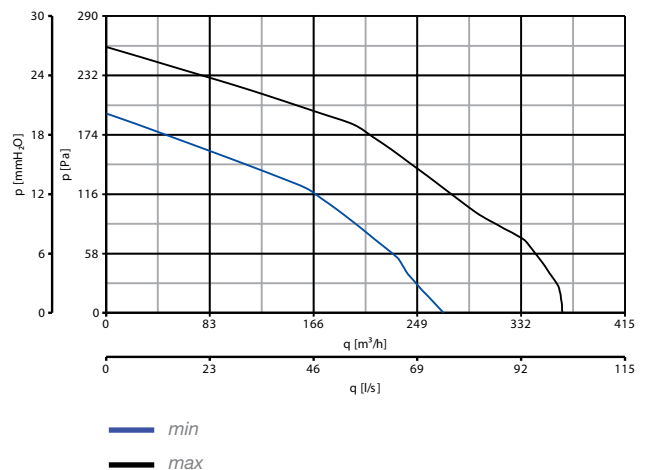


## IN SERIES PERFORMANCE CURVE

**LINEO 100 V0**



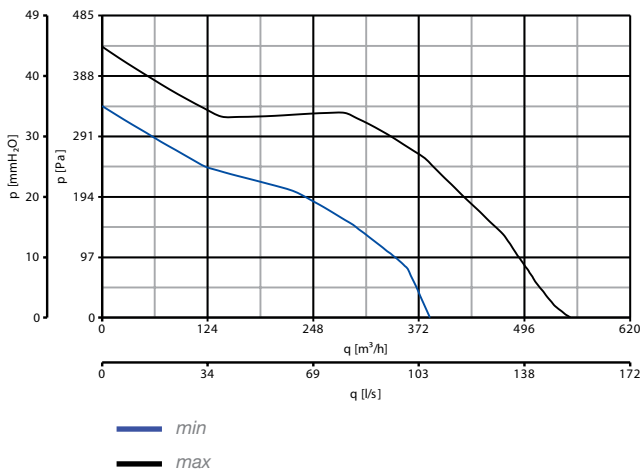
**LINEO 125 V0**



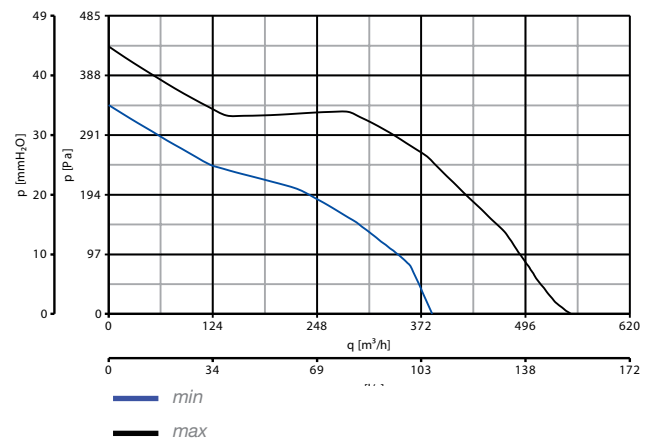
# LINEO V0

## IN SERIES PERFORMANCE CURVES

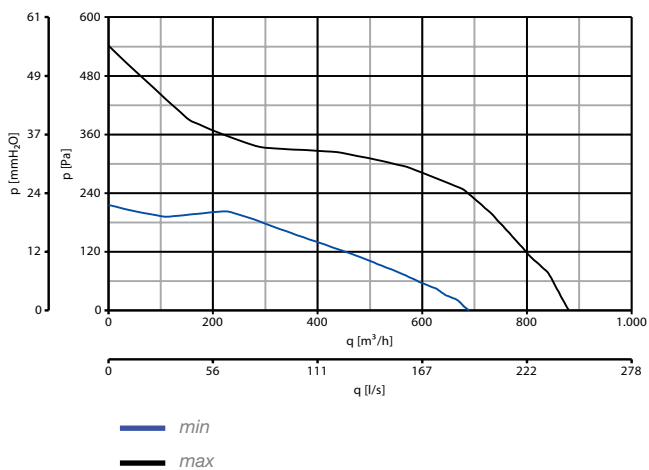
**LINEO 150 V0**



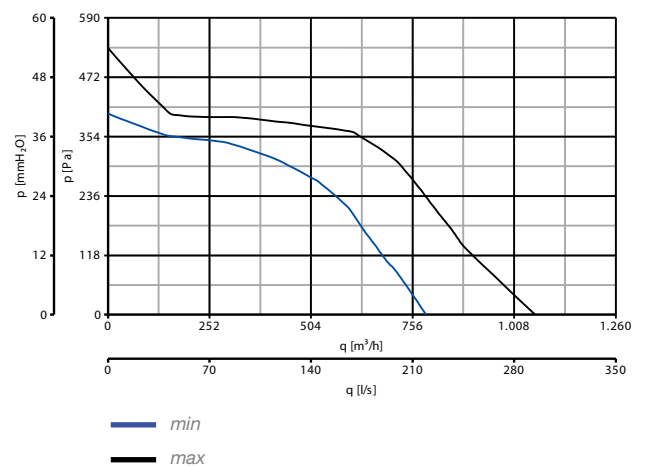
**LINEO 160 V0**



**LINEO 200 Q V0**



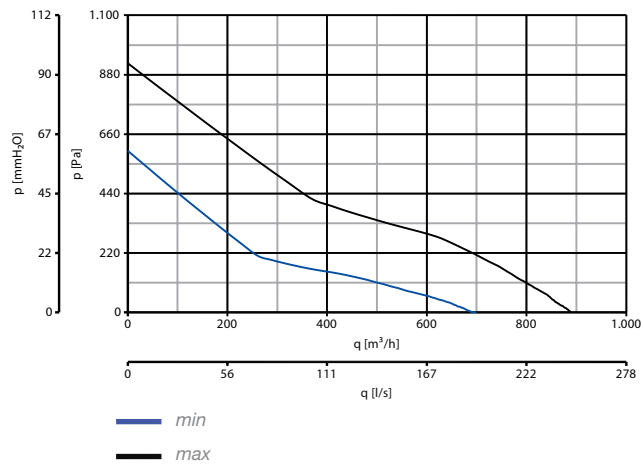
**LINEO 200 V0**



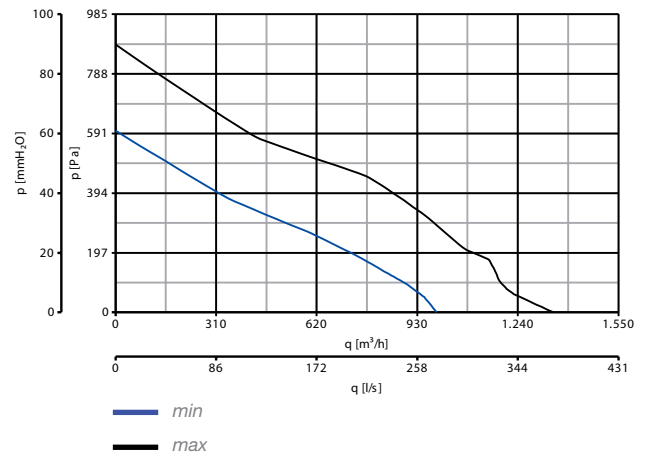
# LINEO V0

IN SERIES PERFORMANCE CURVES

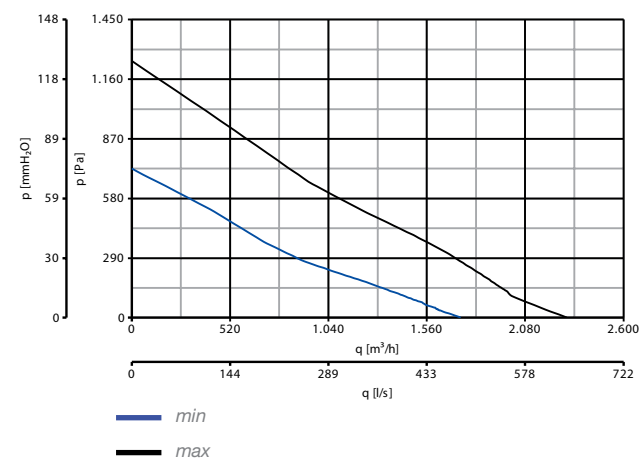
**LINEO 250 Q V0**



**LINEO 250 V0**



**LINEO 315 V0**

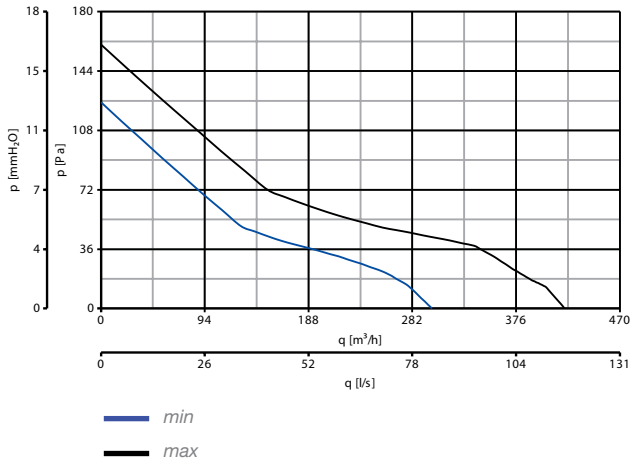


p = static pressure

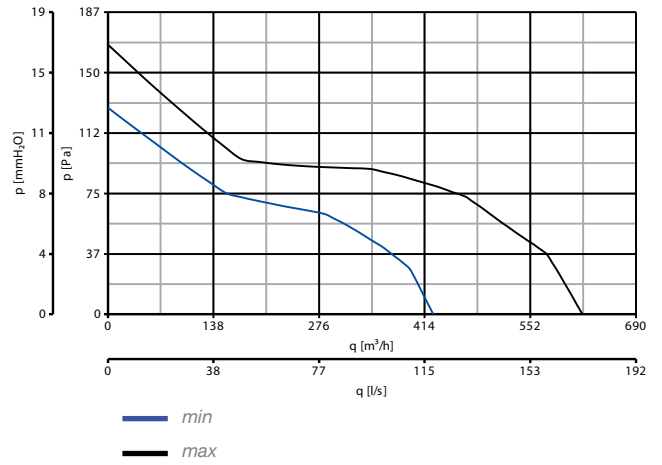
# LINEO V0

IN PARALLEL PERFORMANCE CURVES

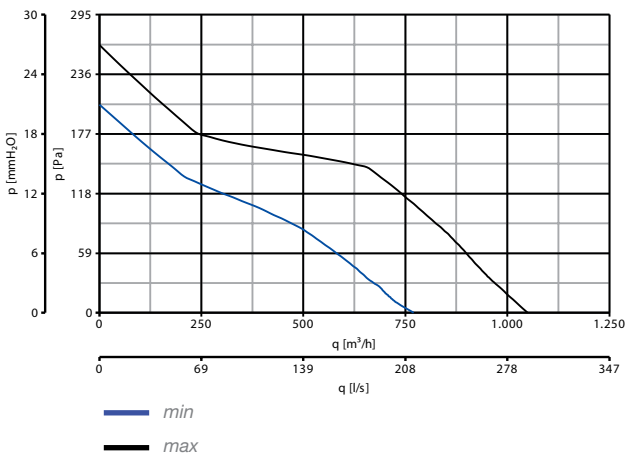
## LINEO 100 V0



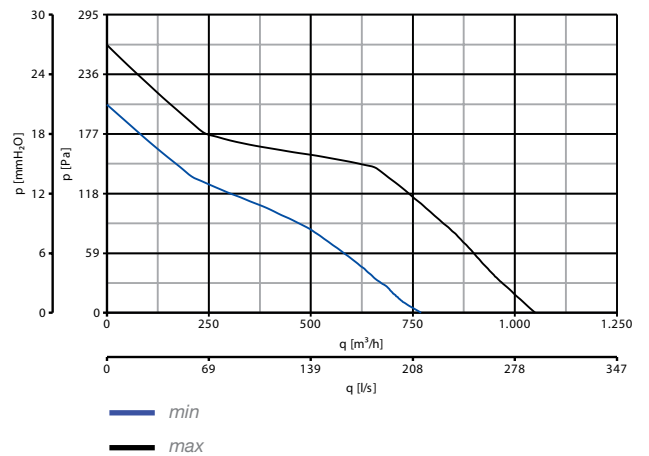
## LINEO 125 V0



## LINEO 150 V0



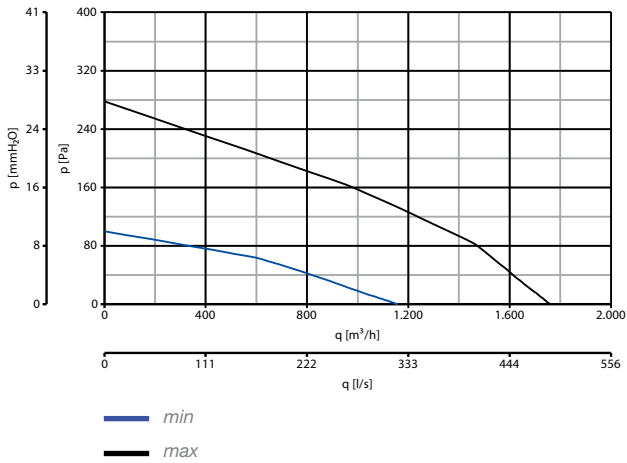
## LINEO 160 V0



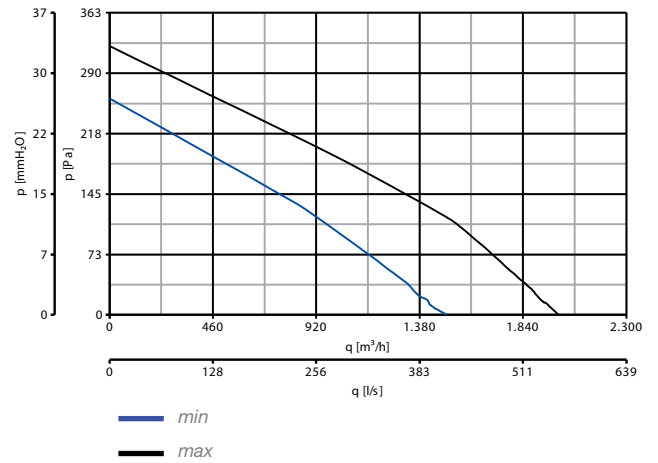
# LINEO V0

## IN PARALLEL PERFORMANCE CURVES

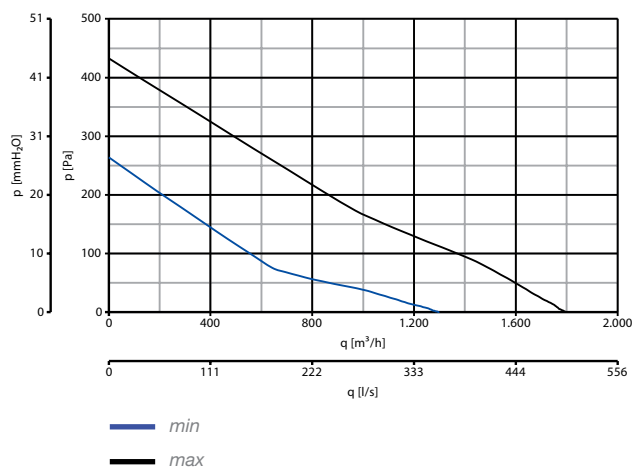
### LINEO 200 Q V0



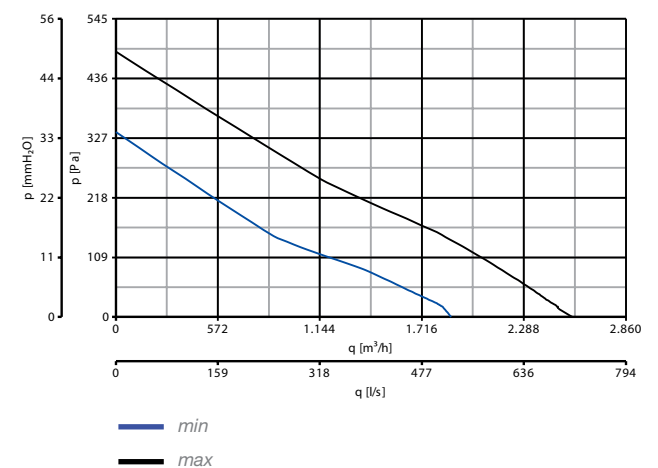
### LINEO 200 V0



### LINEO 250 Q V0



### LINEO 250 V0

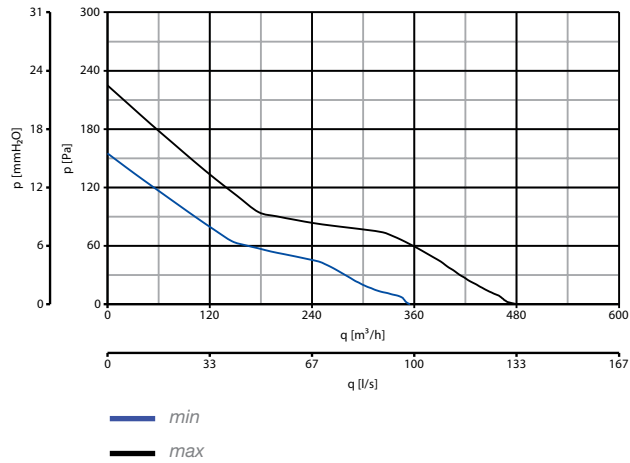




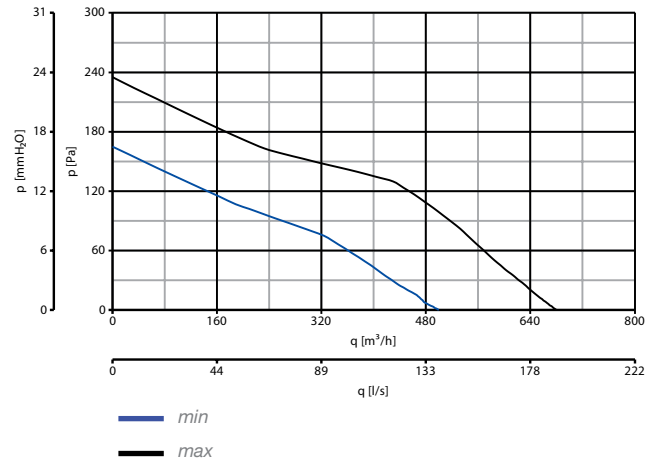
# LINEO V0

IN SERIES + PARALLEL PERFORMANCE CURVES

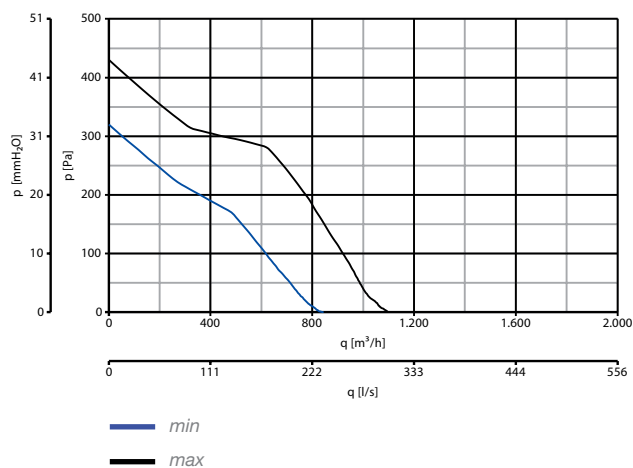
## LINEO 100 V0



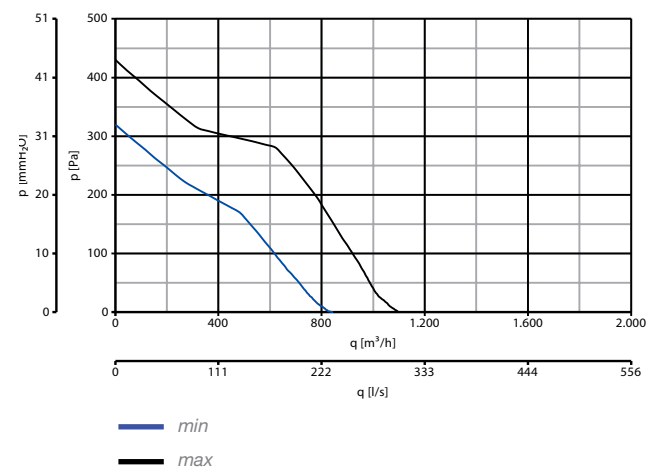
## LINEO 125 V0



## LINEO 150 V0



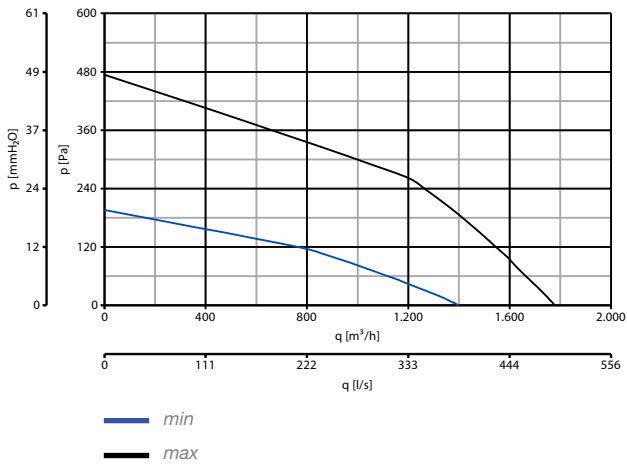
## LINEO 160 V0



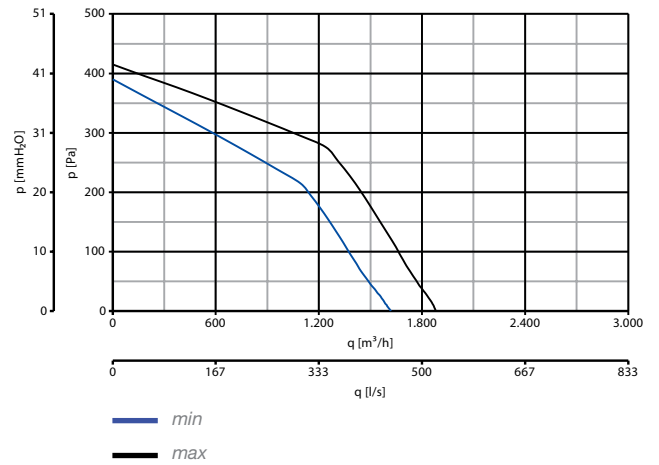
# LINEO V0

IN SERIES + PARALLEL PERFORMANCE CURVES

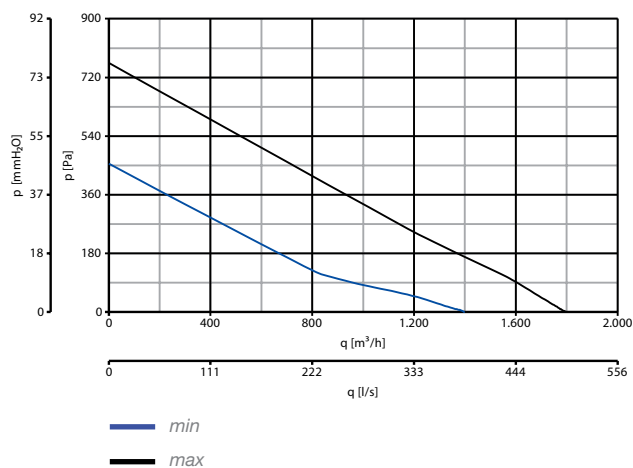
## LINEO 200 Q V0



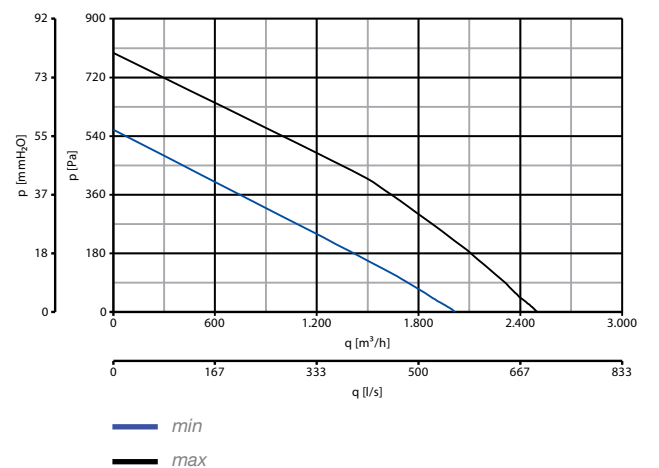
## LINEO 200 V0



## LINEO 250 Q V0



## LINEO 250 V0






# LINEO V0

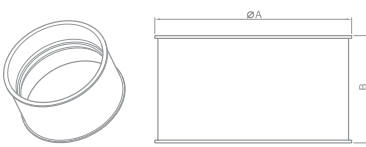
## ACCESSORIES

### MOUNTING OPTIONS

Vortice Lineo V0 can be mounted in a wide range of options – at the beginning, middle or end of the air duct and horizontally, vertically, against walls, ceilings, false ceilings or any flat surface.

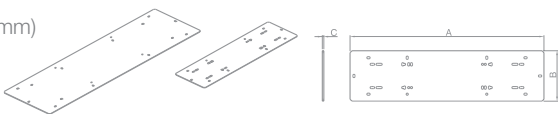
Models	100 Q V0 code 17005	100 Q T V0 code 17025	100 V0 code 17001	100 T V0 code 17021	125 V0 code 17002	125 T V0 code 17022	150 V0 code 17003	150 T V0 code 17023	160 V0 code 17004	160 T V0 code 17024	200 Q V0 code 17007	200 V0 code 17006	200 T V0 code 17026	250 Q V0 code 17027	250 V0 code 17009	315 V0 code 17010
<b>INSTALLATION KIT TUBE</b> 	-	-	22584	22585	22585	22586	22586	22587	22587	22588	22588	22588	22589	22589	22589	22589
<b>SERIES INSTALLATION PLATE</b> 	-	-	22593	22593	22593	22593	22593	22593	22593	22593	22593	22593	22593	22594	22594	22594
<b>PARALLEL INSTALLATION KIT (flanges and rails)</b> 	-	-	22577	22578	22578	22579	22579	22581	22581	22582	22582	22582	22583	22583	22583	-

**INSTALLATION KIT TUBE**  
(dimensions mm)



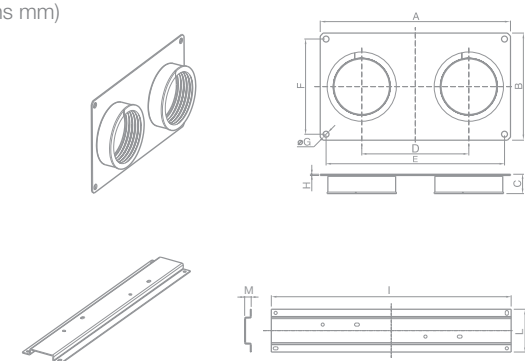
Code	Models	Ø A	B
22584	LINEO-C 100	108	59
22585	LINEO-C 125	134	
22586	LINEO-C 150	158	
22587	LINEO-C 160	168	
22588	LINEO-C 200	208	
22589	LINEO-C 250	259	
22592	LINEO-C 315	324	

**SERIES INSTALLATION PLATE**  
(dimensions mm)



Code	Models	A	B	C
22593	LINEO-SF 500	500	130	2
22594	LINEO-SF 700	730	220	

**PARALLEL INSTALLATION KIT**  
(dimensions mm)



Code	Models	A	B	C	D	E	F	ØG	H	I	L	M
22577	LINEO-PF 100											
22578	LINEO-PF 125	320	180	32.5	180	300	160				420	
22579	LINEO-PF 150	395	220	37.5	205	375	200	10	2		470	75
22581	LINEO-PF 160										520	
22582	LINEO-PF 200	440	240	37.5	225	420	220				640	
22583	LINEO-PF 250	540	290	37.5	285	520	270					

# ACCESSORIES SELECTION TABLE

<b>VORTICE LINEO ES</b> <b>NEW</b>  <b>VORTICE LINEO VO</b>	Code	Duct heater	Noise attenuator	Filter box	Backdraught shutter	Protection grille	Gravity shutter	Safety mesh grille	Fixed grille	Air valve	Air diffuser
		<b>AH</b>	<b>NA</b>	<b>AF</b>	<b>IN-LINE S</b>	<b>LINEO G</b>	<b>GGR</b>	<b>TRA</b>	<b>FG</b>	<b>AV</b>	<b>CD</b>
<b>LINEO 100 Q ES</b>	<b>17036</b>	22796	22780	22793	22551	—	22332	—	22165	22189	—
<b>LINEO 100 ES</b>	<b>17031</b>	22796	22780	22793	22551	—	22332	—	22165	22189	—
<b>LINEO 100 Q VO</b>	<b>17005</b>	22796	22780	22793	22551	22701	22332	—	22165	22189	—
<b>LINEO 100 Q T VO</b>	<b>17025</b>	22796	22780	22793	22551	22701	22332	—	22165	22189	—
<b>LINEO 100 VO</b>	<b>17001</b>	22796	22780	22793	22551	22701	22332	—	22165	22189	—
<b>LINEO 100 T VO</b>	<b>17021</b>	22796	22780	22793	22551	22701	22332	—	22165	22189	—
<b>LINEO 125 ES</b>	<b>17032</b>	22797	22781	22794	22556	—	22333	—	22166	22190	—
<b>LINEO 125 VO</b>	<b>17002</b>	22797	22781	22794	22556	22702	22333	—	22166	22190	—
<b>LINEO 125 T VO</b>	<b>17022</b>	22797	22781	22794	22556	22702	22333	—	22166	22190	—
<b>LINEO 150 ES</b>	<b>17033</b>	22759	22756	22799	22562	—	22334	—	22167	22191	—
<b>LINEO 150 VO</b>	<b>17003</b>	22759	22756	22799	22562	22703	22334	—	22167	22191	—
<b>LINEO 150 T VO</b>	<b>17023</b>	22759	22756	22799	22562	22703	22334	—	22167	22191	—
<b>LINEO 160 ES</b>	<b>17034</b>	22798	22783	22795	22563	—	22334	51150	22167	22192	22128
<b>LINEO 160 VO</b>	<b>17004</b>	22798	22783	22795	22563	22704	22334	51150	22167	22192	22128
<b>LINEO 160 T VO</b>	<b>17024</b>	22798	22783	22795	22563	22704	22334	51150	22167	22192	22128
<b>LINEO 200 ES</b>	<b>17037</b>	22790	22784	22787	22566	—	22335	51150	—	22193	22127
<b>LINEO 200 Q VO</b>	<b>17007</b>	22790	22784	22787	22566	22705	22335	51150	—	22193	22127
<b>LINEO 200 VO</b>	<b>17006</b>	22790	22784	22787	22566	22705	22335	51150	—	22193	22127
<b>LINEO 200 T VO</b>	<b>17026</b>	22790	22784	22787	22566	22705	22335	51150	—	22193	22127
<b>LINEO 250 ES</b>	<b>17038</b>	22791	22785	22788	22571	—	22336	51150	—	—	22168
<b>LINEO 250 Q VO</b>	<b>17027</b>	22791	22785	22788	22571	22706	22336	51150	—	—	22168
<b>LINEO 250 VO</b>	<b>17009</b>	22791	22785	22788	22571	22706	22336	51150	—	—	22168
<b>LINEO 315 VO</b>	<b>17010</b>	22792	22786	22789	22576	22707	22337	51250	—	—	22169

Aluminium flexible duct <b>AFD</b>	Insulated aluminium flexible duct <b>AFD-I</b>	Two speeds switch <b>DUO</b>	Speed controller <b>C5 0.5</b>	Speed controller <b>C 1.5</b>	Speed controller <b>C 2.5</b>	Built-in controller adaptors <b>SCB</b>	Built-in controller adaptors <b>SCB5</b>	Humidity <b>C HCS</b>	Temperature <b>C TEMP</b>	Smoke <b>C SMOKE</b>	Movement detector <b>C PIR</b>	Timer <b>C TIMER</b>
22175	22182	22914	—	—	—	—	—	12994	12992	12993	12998	12999
22175	22182		—	—		—	—	12994	12992	12993	12998	12999
22175	22182		12987	12966		22481	22483	12994	12992	12993	12998	12999
22175	22182		—	—		—	—	12994	12992	12993	12998	—
22175	22182		12987	12966		22481	22483	12994	12992	12993	12998	12999
22175	22182		—	—		—	—	12994	12992	12993	12998	—
22176	22183		—	—		—	—	12994	12992	12993	12998	12999
22176	22183		12987	12966		22481	22483	12994	12992	12993	12998	12999
22176	22183		—	—		—	—	12994	12992	12993	12998	—
22177	22184		—	—		—	—	12994	12992	12993	12998	12999
22177	22184		12987	12966		22481	22483	12994	12992	12993	12998	12999
22177	22184		—	—		—	—	12994	12992	12993	12998	—
22178	22185		—	—		—	—	12994	12992	12993	12998	12999
22178	22185		12987	12966		22481	22483	12994	12992	12993	12998	12999
22178	22185		—	—		—	—	12994	12992	12993	12998	—
22179	22186		—	—		—	—	12994	12992	12993	12998	12999
22179	22186		—	12966		22481	22481	12994	12992	12993	12998	12999
22179	22186		—	12966		22481	—	12994	12992	12993	12998	12999
22179	22186		—	—		—	—	12994	12992	12993	12998	—
22180	22187		—	—		—	—	12994	12992	12993	12998	12999
22180	22187	—	—	12967	22481	—	12994	12992	12993	12998	12999	
22180	22187	—	—	12967	22481	—	12994	12992	12993	12998	12999	
22181	22188	—	—	12967	22481	—	12994	12992	12993	12998	12999	

Code 5.170.084.282

03/12

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