

**NEW**

# LINEO V0 RANGE

*In-line mixed flow fans*

*Suitable for domestic, commercial and industrial applications: kitchens, bathrooms, offices, laboratories, factories, shops, laundromats, models, restaurants, bars, theatres, ballrooms, etc.*



- **14 models:** from 100 to 250 diameter.
- Enclosure and impellers made of self-extinguishing V0 mineral charged polypropylene.
- Ball bearing motors; motors 30.000 hours operation without mechanical malfunction.
- 2 speed motors.
- Speed adjustable through optional speed controllers.
- Controllable through Vortice environmental sensors and DUO two-speed controller.
- Available with an adjustable timer, from 3 to 20 minutes (T versions).
- Max continuous operating temperature: 60°C.
- Protection rating: IP44
- Insulation class: II. □



**TIMER**

**LONG LIFE 30.000 h**

## THECNICAL DATA

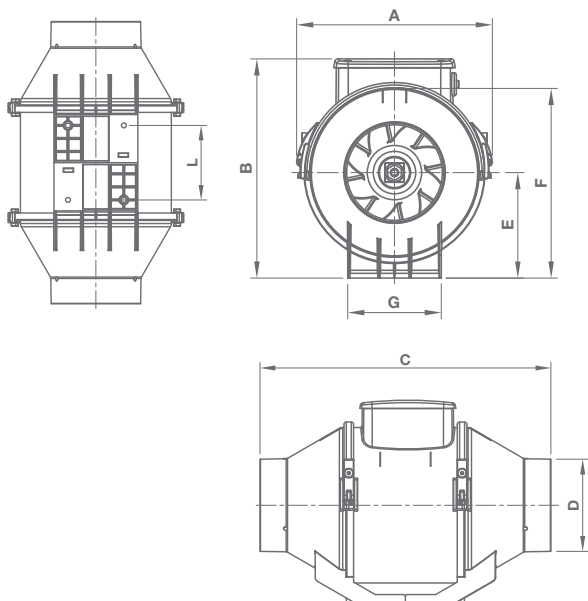
Models	Code	W		A		RPM		Max Airflow				Max Pressure				Lp dB(A)*		Max °C
		min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	
LINEO 100 Q V0	17005	12	15	0.05	0.07	1860	2450	155	200	43.1	55.6	6.5	7.5	63.8	73.6	29.4	37.9	60
LINEO 100 Q T V0	17025																	
LINEO 100 V0	17001	20	23	0.09	0.11	1520	2030	180	255	50	70.8	13	16.5	127.5	161.9	30.7	39.4	
LINEO 100 T V0	17021																	
LINEO 125 V0	17002	25	33	0.11	0.15	1570	2140	250	365	69.4	101.4	13	17	127.5	166.8	33.9	43	
LINEO 125 T V0	17022																	
LINEO 150 V0	17003	40	58	0.18	0.26	1580	2100	385	550	106.9	152.8	21	27	206	264.9	41.4	50.5	
LINEO 150 T V0	17023																	
LINEO 160 V0	17004	40	58	0.18	0.26	1580	2100	385	550	106.9	152.8	21	27	206	264.9	41.7	50.8	
LINEO 160 T V0	17024																	
LINEO 200 Q V0	17007	45	75	0.22	0.37	1780	2740	700	950	194.4	263.9	13	29	127.5	284.5	39.6	49	
LINEO 200 Q T V0	17028																	
LINEO 250 Q V0	17027	85	110	0.40	0.50	1850	2550	720	990	200	275	34	53	333.5	519.9	49.1	56.2	
LINEO 250 Q T V0	17029																	

\* Sound pressure level measured at 3 m in free field conditions with long-cased appliance in delivery mode, in accordance with standard EN ISO 3741:2009.

Electric supply: 220-240 V ~ 50 Hz.



## DIMENSIONS

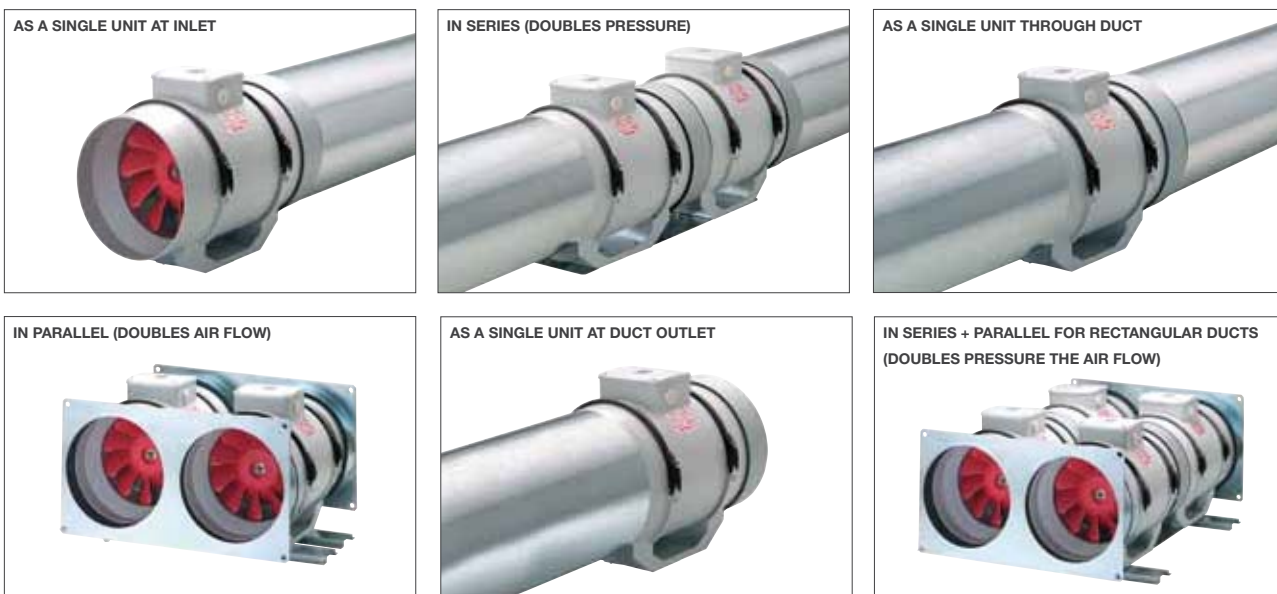


Models	A	B	C	Ø D	E	F	G	L	Kg
LINEO 100 Q V0	156	174	231	96	82	152	95	47.5	1.25
LINEO 100 Q T V0									
LINEO 100 V0	188.5	211	303	96	101.5	189	90	80	1.8
LINEO 100 T V0									
LINEO 125 V0	188.5	211	258	122	101.5	189	90	80	1.8
LINEO 125 T V0									
LINEO 150 V0	214.5	234	294	146	112.5	212	110	80	2.4
LINEO 150 T V0									
LINEO 160 V0	214.5	234	272.5	156	112.5	212	110	80	2.4
LINEO 160 T V0									
LINEO 200 Q V0	234.5	260.5	300	196	125.5	235	140	100	3.7
LINEO 200 Q T V0									4.3
LINEO 250 Q V0	300	317	385	247	152.5	292	176.5	145	7
LINEO 250 Q T V0									8.8

Dimensions (mm)

## INSTALLATION

Vortice Lineo extractors can be mounted in a wide range of options - at the beginning, in the middle or at end of air duct and horizontally, vertically, against walls, ceilings, false ceilings on any flat surface. One of the main features is easy inspection 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).



## SOUND PRESSURE LEVELS

Models	Code	Sound pressure level [db(A)] *EN ISO 3741:1999	
		min	max
LINEO 100 Q V0	17005	25	29
LINEO 100 Q T V0	17025		
LINEO 100 V0	17001	25	30
LINEO 100 T V0	17021		
LINEO 125 V0	17002	27	33
LINEO 125 T V0	17022		
LINEO 150 V0	17003	28	33
LINEO 150 T V0	17023		
LINEO 160 V0	17004	28	34
LINEO 160 T V0	17024		
LINEO 200 Q V0	17007	30	36
LINEO 200 Q T V0	17028	30	36
LINEO 250 Q V0	17027	38	40
LINEO 250 Q T V0	17029	38	40




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

## SOUND LEVELS

Models	Code	125 Hz	250 Hz	500 Hz	1K Hz	2K Hz	4K Hz	8K Hz	Lw dB(A)
LINEO 100 Q V0	17005	45.6	56.5	55.5	55.6	47.4	44.3	33.6	58.5
LINEO 100 Q T V0	17025								
LINEO 100 V0	17001	52.3	62.3	58.6	53.5	51.0	42.6	34.0	60
LINEO 100 T V0	17021								
LINEO 125 V0	17002	51.4	61.8	59.5	59.6	56.8	48.6	40.5	63.6
LINEO 125 T V0	17022								
LINEO 150 V0	17003	60.5	68.3	67.8	63.7	66.7	55.6	45.8	71.1
LINEO 150 T V0	17023								
LINEO 160 V0	17004	59.1	68.9	66.7	64.4	67.0	57.8	48.4	71.3
LINEO 160 T V0	17024								
LINEO 200 Q V0	17007	64.2	69.6	66.5	62.8	63.5	55.2	47.3	69.5
LINEO 200 Q T V0	17028	64.2	69.6	66.5	62.8	63.5	55.2	47.3	69.5
LINEO 250 Q V0	17027	65.8	75.1	71.5	74.0	66.7	60.8	52.5	76.5
LINEO 250 Q T V0	17029	65.8	75.1	71.5	74.0	66.7	60.8	52.5	76.5





## ACCESSORIES FOR SERIES AND PARALLEL INSTALLATION









Models	Code	Product													
		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 160 V0 code 17004	LINEO 160 T V0 code 17024	LINEO 200 Q V0 code 17007	LINEO 200 Q T V0 code 17028	LINEO 250 Q V0 code 17027	LINEO 250 Q T V0 code 17029
	LINEO-C 100 Installation kit tube	22584			•	•									
	LINEO-C 125 Installation kit tube	22585					•	•							
	LINEO-C 150 Installation kit tube	22586							•	•					
	LINEO-C 160 Installation kit tube	22587									•	•			
	LINEO-C 200 Installation kit tube	22588											•	•	
	LINEO-C 1250 Installation kit tube	22589													•
	LINEO-SF 500 Series installation plate	22593			•	•	•	•	•	•	•	•	•		
	LINEO-SF 700 Series installation plate	22594													•
	LINEO-PF 100 Parallel installation kit (flanges and rails)	22577			•	•									
	LINEO-PF 125 Parallel installation kit (flanges and rails)	22578						•	•						
	LINEO-PF 150 Parallel installation kit (flanges and rails)	22579								•	•				
	LINEO-PF 160 Parallel installation kit (flanges and rails)	22581									•	•			
	LINEO-PF 200 Parallel installation kit (flanges and rails)	22582											•	•	
	LINEO-PF 250 Parallel installation kit (flanges and rails)	22583													•

Description and sizes on page 98

## PRODUCT ACCESSORIES

Models	Code	Product													
		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 160 V0 code 17004	LINEO 160 T V0 code 17024	LINEO 200 Q V0 code 17007	LINEO 200 Q T V0 code 17028	LINEO 250 Q V0 code 17027	LINEO 250 Q T V0 code 17029
	AF 100 Air filter nominal diameter 100	22793	•	•	•	•									
	AF 125 Air filter nominal diameter 125	22794					•	•							
	AF 150 Air filter nominal diameter 150	22795							•	•					
	AF 160 Air filter nominal diameter 160	22799									•	•			
	AF 200 Air filter nominal diameter 200	22787											•	•	
	AF 250 Air filter nominal diameter 250	22788													•
	AFD 100-4 Aluminium flexible duct nominal diameter 100	22175	•	•	•	•									
	AFD 125-4 Aluminium flexible duct nominal diameter 125	22176					•	•							
	AFD 150-4 Aluminium flexible duct nominal diameter 150	22177							•	•					
	AFD 160-10 Aluminium flexible duct nominal diameter 160	22178									•	•			
	AFD 200-10 Aluminium flexible duct nominal diameter 200	22179											•	•	
	AFD 250-10 Aluminium flexible duct nominal diameter 250	22180													•

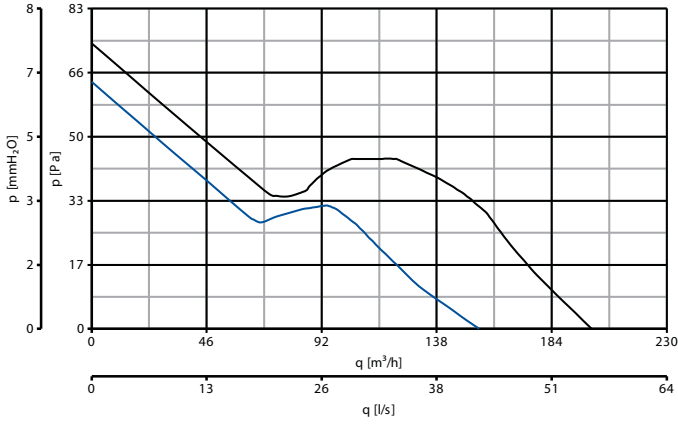
Models	Code	Product																
		LINEO 100 Q V0 code 17005	LINEO 100 Q TV0 code 17025	LINEO 100 V0 code 17001	LINEO 100 T V0 code 17021	LINEO 125 V0 code 17002	LINEO 125 T V0 code 17022	LINEO 150 V0 code 17003	LINEO 150 T V0 code 17023	LINEO 160 V0 code 17004	LINEO 160 T V0 code 17024	LINEO 200 Q V0 code 17007	LINEO 200 Q TV0 code 17028	LINEO 250 Q V0 code 17027	LINEO 250 Q TV0 code 17029			
	<b>AFD-I 100-4</b> Insulated aluminium flexible duct nominal diameter 100	<b>22182</b>	●	●	●	●												
	<b>AFD-I 125-4</b> Insulated aluminium flexible duct nominal diameter 125	<b>22183</b>					●	●										
	<b>AFD-I 150-4</b> Insulated aluminium flexible duct nominal diameter 150	<b>22184</b>							●	●								
	<b>AFD-I 160-10</b> Insulated aluminium flexible duct nominal diameter 160	<b>22185</b>									●	●						
	<b>AFD-I 200-10</b> Insulated aluminium flexible duct nominal diameter 200	<b>22186</b>											●	●				
	<b>AFD-I 250-10</b> Insulated aluminium flexible duct nominal diameter 250	<b>22187</b>														●	●	
	<b>AH 100</b> Duct heater nominal diameter 100	<b>22796</b>	●	●	●	●												
	<b>AH 125</b> Duct heater nominal diameter 125	<b>22797</b>					●	●										
	<b>AH 150</b> Duct heater nominal diameter 150	<b>22759</b>							●	●								
	<b>AH 160</b> Duct heater nominal diameter 160	<b>22798</b>									●	●						
	<b>AH 200</b> Duct heater nominal diameter 200	<b>22790</b>											●	●				
	<b>AH 250</b> Duct heater nominal diameter 250	<b>22791</b>														●	●	
	<b>AV 100</b> Air valve nominal diameter 100	<b>22189</b>	●	●	●	●												
	<b>AV 125</b> Air valve nominal diameter 125	<b>22190</b>					●	●										
	<b>AV 150</b> Air valve nominal diameter 150	<b>22191</b>							●	●								
	<b>AV 160</b> Air valve nominal diameter 160	<b>22192</b>									●	●						
	<b>AV 200</b> Air valve nominal diameter 200	<b>22193</b>											●	●				
	<b>CD 160</b> nominal diameter 160	<b>22128</b>									●	●						
	<b>CD 200</b> nominal diameter 200	<b>22127</b>											●	●				
	<b>CD 250</b> nominal diameter 250	<b>22168</b>														●	●	
	<b>C HCS</b> Environmental sensor for humidity	<b>12994</b>	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	<b>C PIR</b> Passive infrared sensor	<b>12998</b>	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	<b>C SMOKE</b> Environmental sensor for air quality	<b>12993</b>	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	<b>C TEMP</b> Environmental sensor for temperature	<b>12992</b>	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	<b>C TIMER</b> Adjustable over-run timer	<b>12999</b>	●		●		●		●		●		●		●		●	
	<b>DUO</b> Speed controller	<b>22914</b>	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	<b>C5 0.5</b> Speed controller 0.5 A	<b>12987</b>	●		●		●		●		●		●					
	<b>C 1.5</b> Electronic speed controller 1.5 A	<b>12966</b>	●		●		●		●		●		●					
	<b>C 2.5</b> Electronic speed controller 2.5 A	<b>12967</b>															●	

Models	Code	Product																	
		LINEO 100 Q V0 code 17005	LINEO 100 Q TV0 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 160 V0 code 17004	LINEO 160 T V0 code 17024	LINEO 200 Q V0 code 17007	LINEO 200 Q T V0 code 17028	LINEO 250 Q V0 code 17027	LINEO 250 Q TV0 code 17029				
	<b>SCB</b> Built-in controller adaptors for <b>C 1.5</b> and <b>C 2.5</b>	<b>22481</b>	12966 - 12967																
	<b>SCB5</b> Built-in controller adaptors for <b>C5 0.5</b>	<b>22483</b>	12987																
	<b>GGR 100</b> Gravity shutter for models with nominal diameter 100	<b>22332</b>	●	●	●	●													
	<b>GGR 120/125</b> Gravity shutter for models with nominal diameter 120/125	<b>22333</b>					●	●											
	<b>GGR 150/160</b> Gravity shutter for models with nominal diameter 150/160	<b>22334</b>							●	●	●	●							
	<b>GGR 200</b> Gravity shutter for models with nominal diameter 200	<b>22335</b>											●	●					
	<b>GGR 250</b> Gravity shutter for models with nominal diameter 250	<b>22336</b>															●	●	
	<b>IN-LINE-S 100</b> Backdraught shutter nominal diameter 100	<b>22551</b>	●	●	●	●													
	<b>IN-LINE-S 125</b> Backdraught shutter nominal diameter 125	<b>22556</b>					●	●											
	<b>IN-LINE-S 150</b> Backdraught shutter nominal diameter 150	<b>22562</b>							●	●									
	<b>IN-LINE-S 160</b> Backdraught shutter nominal diameter 160	<b>22563</b>									●	●							
	<b>IN-LINE-S 200</b> Backdraught shutter nominal diameter 200	<b>22566</b>											●	●					
	<b>IN-LINE-S 250</b> Backdraught shutter nominal diameter 250	<b>22571</b>															●	●	
	<b>LINEO-G 100</b> Lineo grille nominal diameter 100	<b>22701</b>	●	●	●	●													
	<b>LINEO-G 125</b> Lineo grille nominal diameter 125	<b>22702</b>					●	●											
	<b>LINEO-G 150</b> Lineo grille nominal diameter 150	<b>22703</b>							●	●									
	<b>LINEO-G 160</b> Lineo grille nominal diameter 160	<b>22704</b>									●	●							
	<b>LINEO-G 200</b> Lineo grille nominal diameter 200	<b>22705</b>											●	●					
	<b>LINEO-G 250</b> Lineo grille nominal diameter 250	<b>22706</b>															●	●	
	<b>NA 100</b> Noise attenuator nominal diameter 100	<b>22780</b>	●	●	●	●													
	<b>NA 125</b> Noise attenuator nominal diameter 125	<b>22781</b>					●	●											
	<b>NA 150</b> Noise attenuator nominal diameter 150	<b>22756</b>							●	●									
	<b>NA 160</b> Noise attenuator nominal diameter 160	<b>22783</b>									●	●							
	<b>NA 200</b> Noise attenuator nominal diameter 200	<b>22784</b>											●	●					
	<b>NA 250</b> Noise attenuator nominal diameter 250	<b>22785</b>															●	●	
	<b>TRA 250</b> Outlet port protection grille for models with nominal diameter 250	<b>51150</b>									●	●	●	●	●	●	●	●	●
	<b>FG 100</b> Fixed grille for models with nominal diameter 100	<b>22165</b>	●	●	●	●													
	<b>FG 125</b> Fixed grille for models with nominal diameter 125	<b>22166</b>					●	●											
	<b>FG 150</b> Fixed grille for models with nominal diameter 150	<b>22167</b>							●	●									

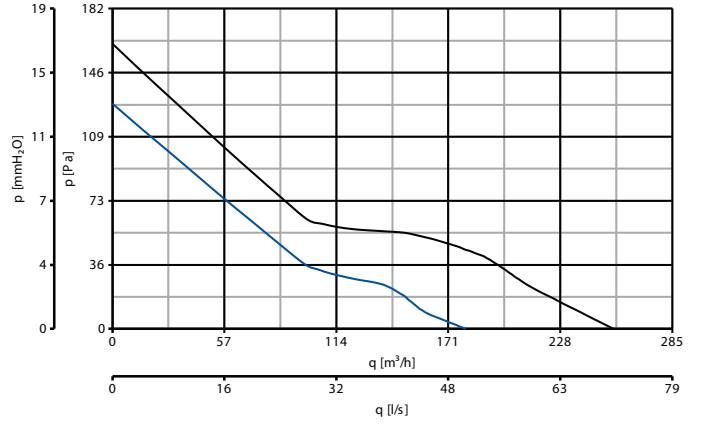
Description and sizes on page 98

# PERFORMANCE CURVES

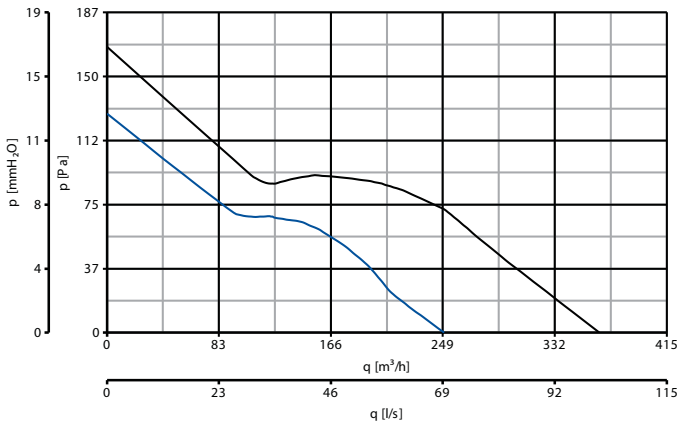
**LINEO 100 Q V0 - LINEO 100 Q T V0**



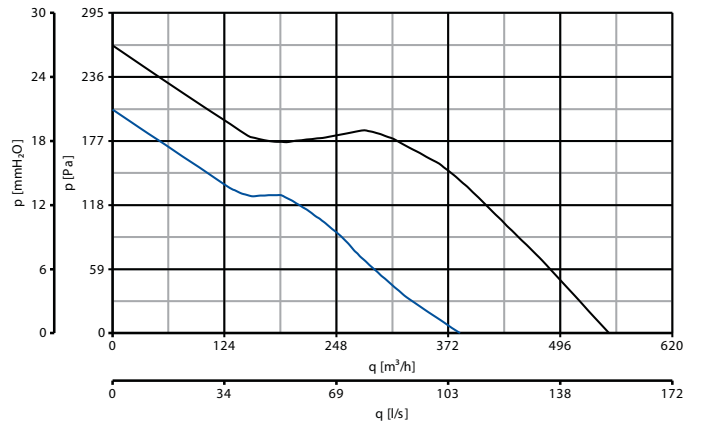
**LINEO 100 V0 - LINEO 100 T V0**



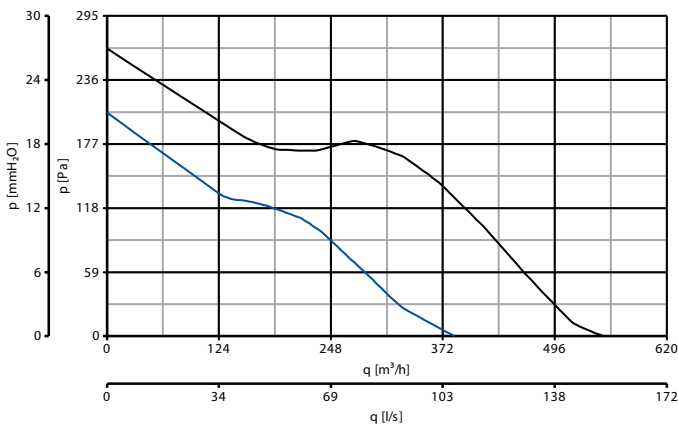
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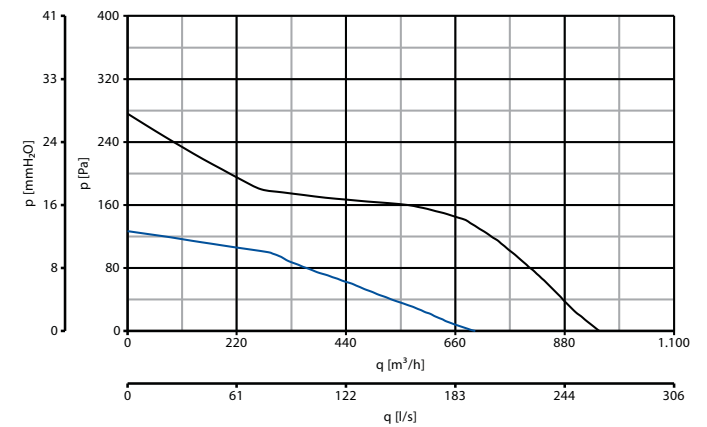
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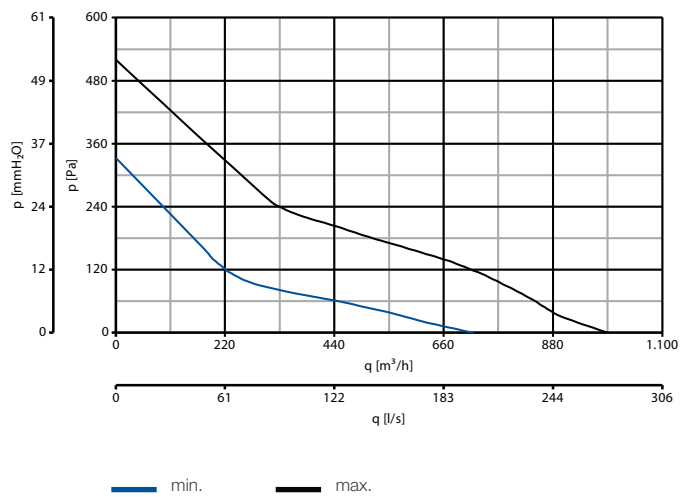
**LINEO 160 V0 - LINEO 160 T V0**



**LINEO 200 Q V0 - LINEO 200 Q T V0**



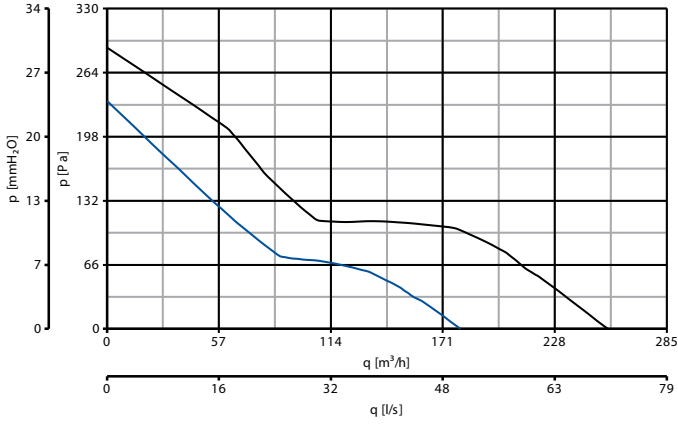
LINEO 250 Q V0 - LINEO 250 Q T V0



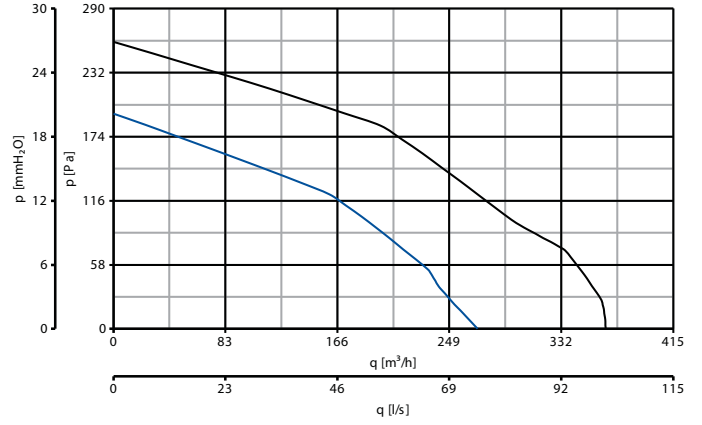


## IN SERIES PERFORMANCE CURVES

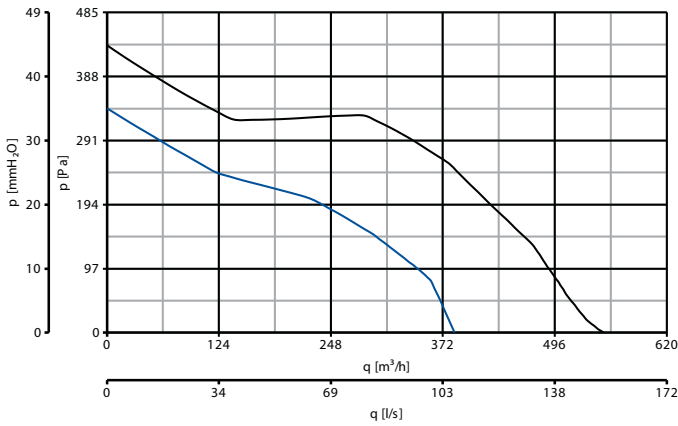
**LINEO 100 V0**



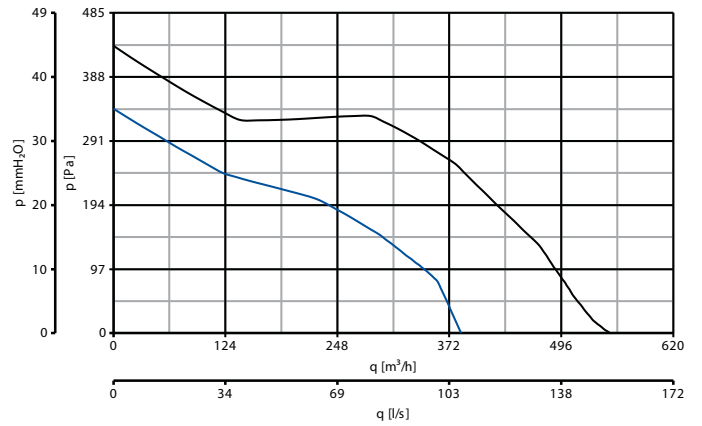
**LINEO 125 V0**



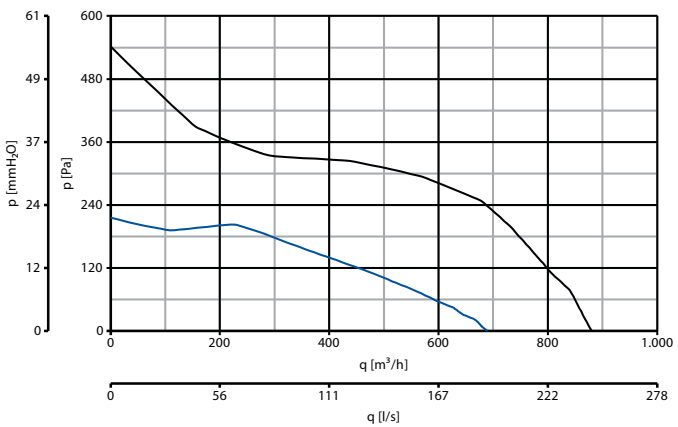
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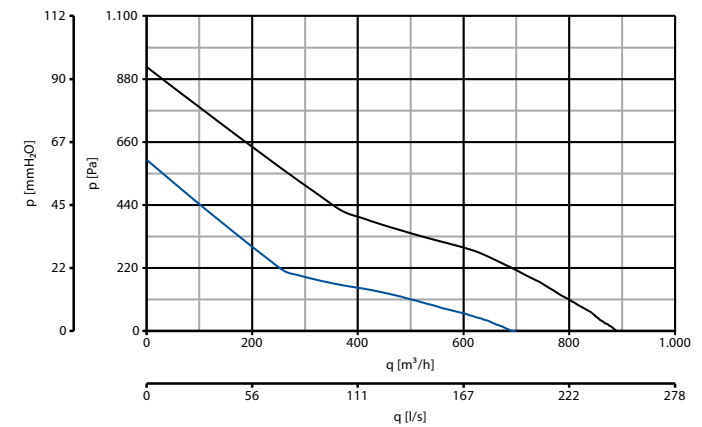
**LINEO 160 V0**



**LINEO 200 Q V0**

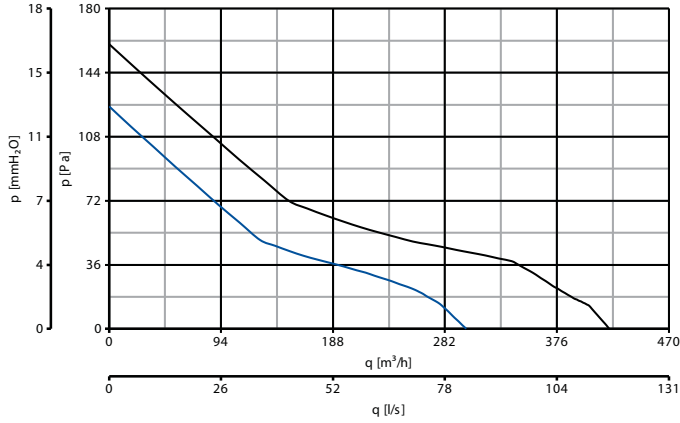


**LINEO 250 Q V0**

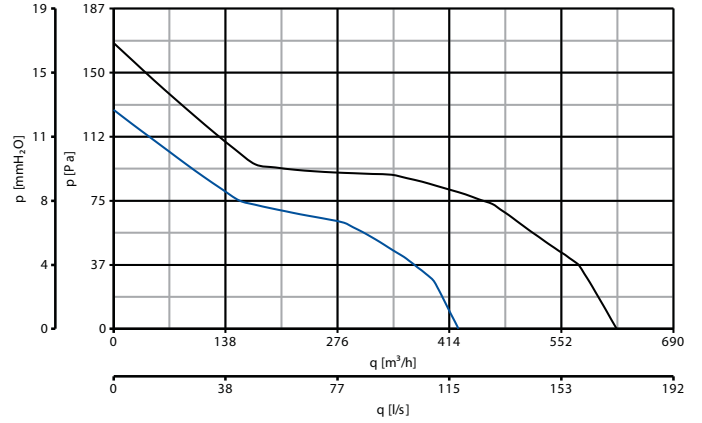


## IN PARALLEL PERFORMANCE CURVES

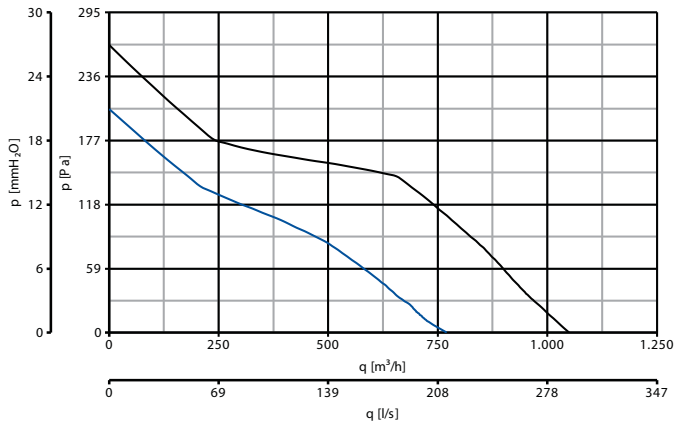
**LINEO 100 V0**



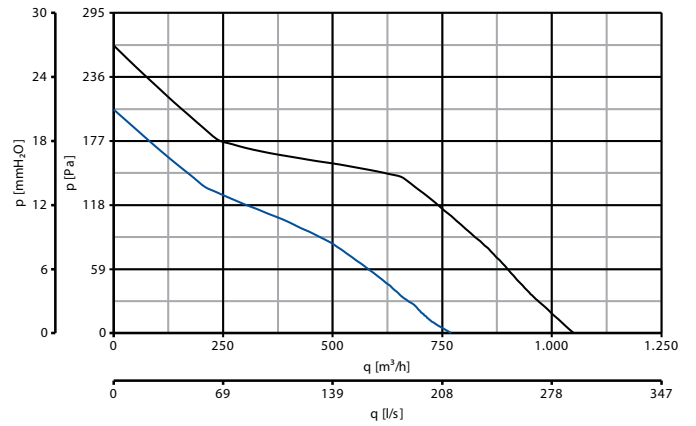
**LINEO 125 V0**



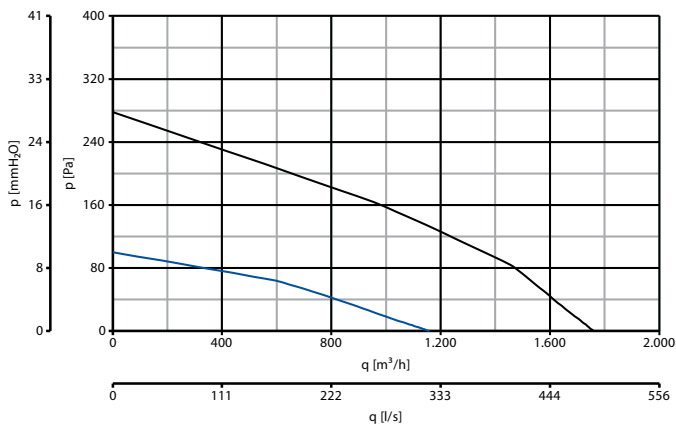
**LINEO 150 V0**



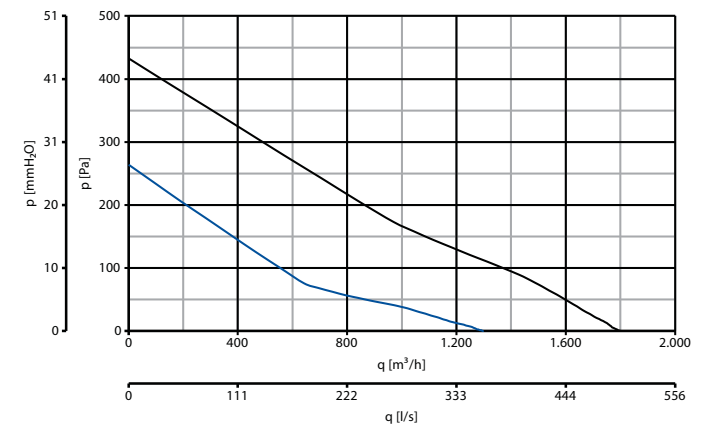
**LINEO 160 V0**



**LINEO 200 Q V0**

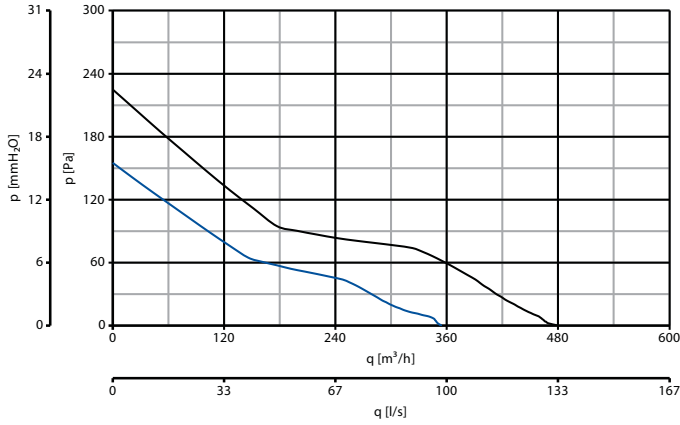


**LINEO 250 Q V0**

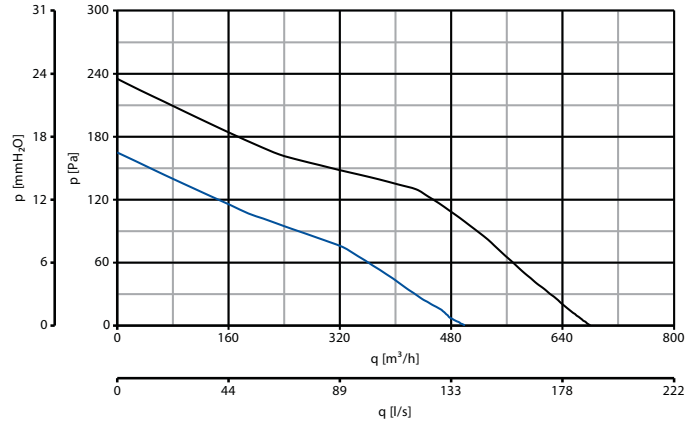


## IN SERIES + PARALLEL PERFORMANCE CURVES

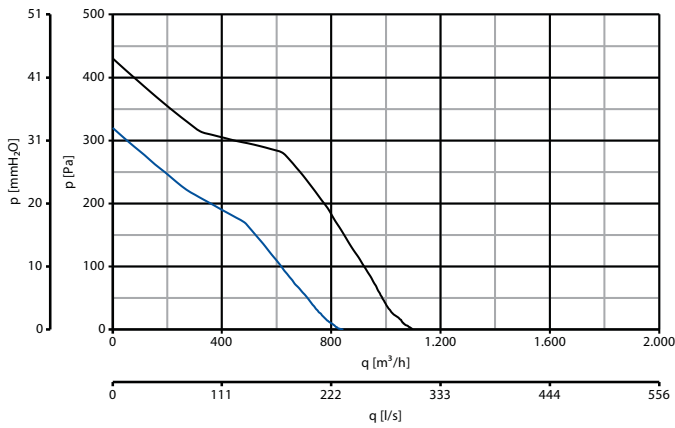
**LINEO 100 V0**



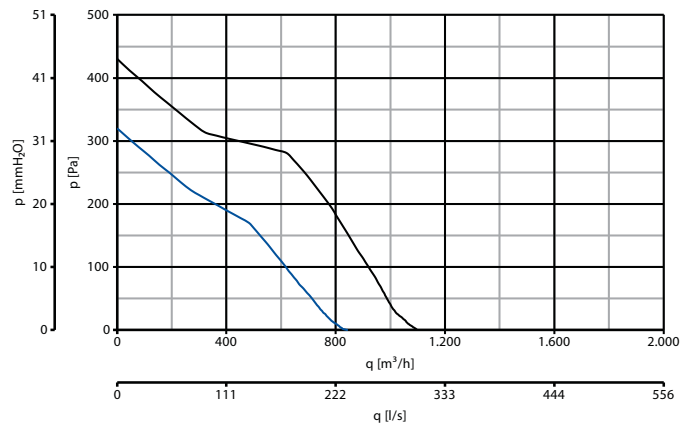
**LINEO 125 V0**



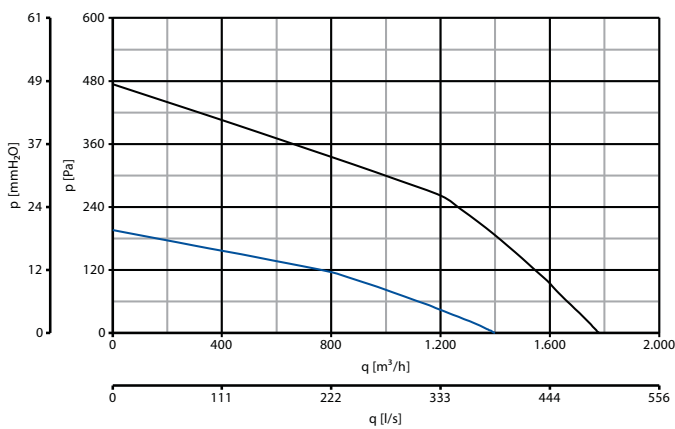
**LINEO 150 V0**



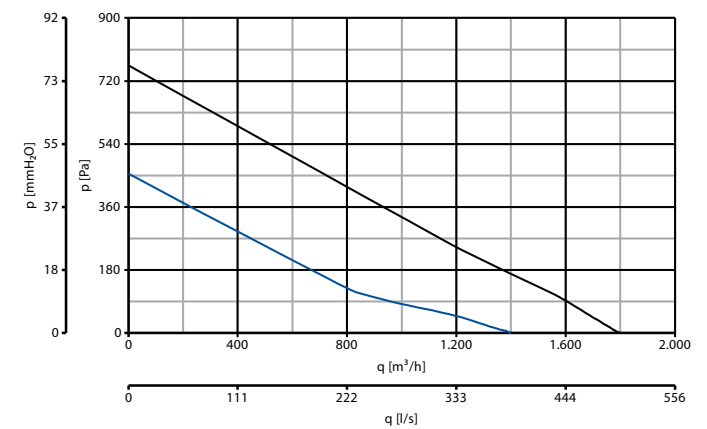
**LINEO 160 V0**



**LINEO 200 Q V0**



**LINEO 250 Q V0**



— min. — max.



