

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

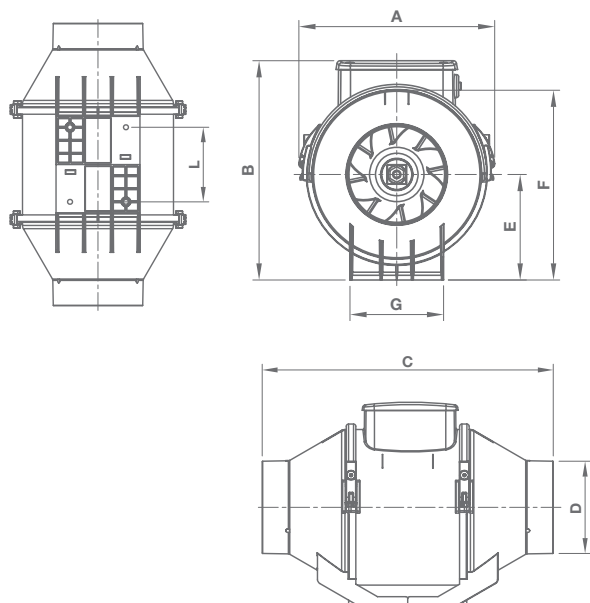
Models	Code	W		A		RPM		Max Airflow				Max Pressure				Lp dB(A)*		Max °C
		min	max	min	max	min	max	m³h		l/s		mmH₂O		Pa		min	max	
LINEO 100 Q V0	17005	12	15	0.05	0.07	1860	2450	155	200	43.1	55.6	6.5	7.5	63.8	73.6	29.4	37.9	60
LINEO 100 Q T V0	17025																	
LINEO 100 V0	17001	20	23	0.09	0.11	1520	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	45	75	0.22	0.37	1780	2740	700	950	194.4	263.9	13	29	127.5	284.5	39.6	49	
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	85	110	0.40	0.50	1850	2550	720	990	200	275	34	53	333.5	519.9	49.1	56.2	

* 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

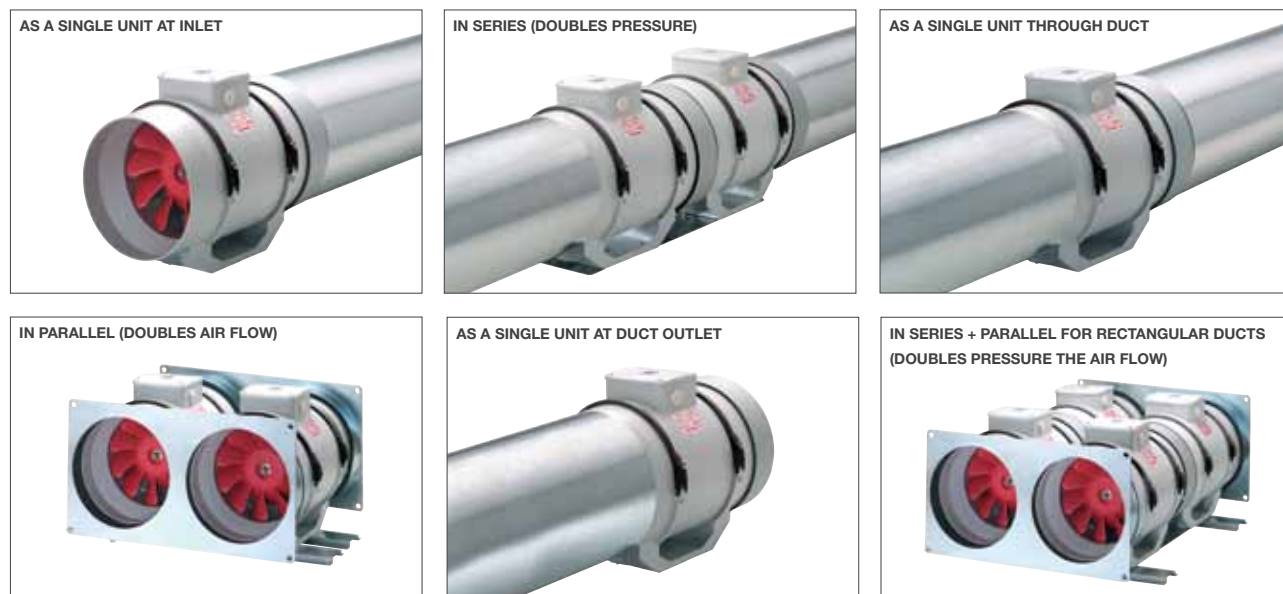


Models	A	B	C	Ø D	E	F	G	L	Kg
LINEO 100 Q V0	156	174	231	96	82	152	95	47.5	1.25
LINEO 100 Q T V0									
LINEO 100 V0	188.5	211	303	96	101.5	189	90	80	1.8
LINEO 100 T V0									
LINEO 125 V0	188.5	211	258	122	101.5	189	90	80	1.8
LINEO 125 T V0									
LINEO 150 V0	214.5	234	294	146	112.5	212	110	80	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

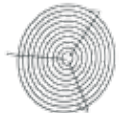
Models		Code	Product													
			LINEO 100 Q V0 code 17005	LINEO 100 Q T V0 code 17025	LINEO 100 V0 code 17001	LINEO 100 T V0 code 17021	LINEO 125 V0 code 17002	LINEO 125 T V0 code 17022	LINEO 150 V0 code 17003	LINEO 150 T V0 code 17023	LINEO 160 V0 code 17004	LINEO 160 T V0 code 17024	LINEO 200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

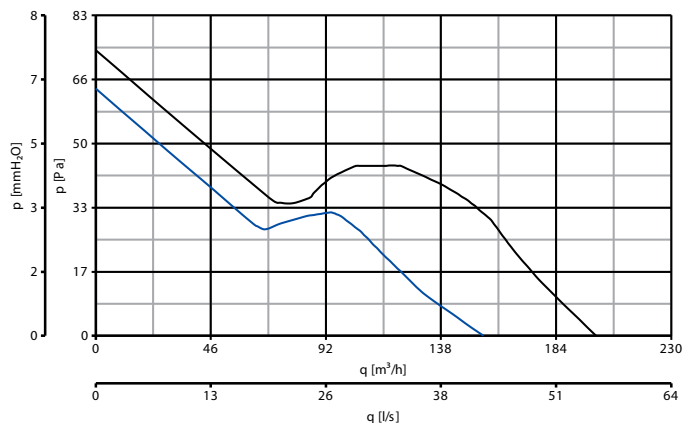
Models		Code	Product															
			LINEO 100 Q V0 code 17005	LINEO 100 Q T V0 code 17025	LINEO 100 V0 code 17001	LINEO 100 T V0 code 17021	LINEO 125 V0 code 17002	LINEO 125 T V0 code 17022	LINEO 150 V0 code 17003	LINEO 150 T V0 code 17023	LINEO 160 V0 code 17004	LINEO 160 T V0 code 17024	LINEO 200 Q V0 code 17007	LINEO 200 Q T V0 code 17028	LINEO 250 Q V0 code 17027	LINEO 250 Q T V0 code 17029		
	SCB Built-in controller adaptors for C 1.5 and C 2.5	22481	12966 - 12967															
	SCB5 Built-in controller adaptors for C5 0.5	22483	12987															
	GGR 100 Gravity shutter for models with nominal diameter 100	22332	•	•	•	•												
	GGR 120/125 Gravity shutter for models with nominal diameter 120/125	22333					•	•										
	GGR 150/160 Gravity shutter for models with nominal diameter 150/160	22334							•	•	•	•						
	GGR 200 Gravity shutter for models with nominal diameter 200	22335											•	•				
	GGR 250 Gravity shutter for models with nominal diameter 250	22336													•	•		
	IN-LINE-S 100 Backdraught shutter nominal diameter 100	22551	•	•	•	•												
	IN-LINE-S 125 Backdraught shutter nominal diameter 125	22556					•	•										
	IN-LINE-S 150 Backdraught shutter nominal diameter 150	22562							•	•								
	IN-LINE-S 160 Backdraught shutter nominal diameter 160	22563									•	•						
	IN-LINE-S 200 Backdraught shutter nominal diameter 200	22566											•	•				
	IN-LINE-S 250 Backdraught shutter nominal diameter 250	22571													•	•		
	LINEO-G 100 Lineo grille nominal diameter 100	22701	•	•	•	•												
	LINEO-G 125 Lineo grille nominal diameter 125	22702					•	•										
	LINEO-G 150 Lineo grille nominal diameter 150	22703							•	•								
	LINEO-G 160 Lineo grille nominal diameter 160	22704									•	•						
	LINEO-G 200 Lineo grille nominal diameter 200	22705											•	•				
	LINEO-G 250 Lineo grille nominal diameter 250	22706													•	•		
	NA 100 Noise attenuator nominal diameter 100	22780	•	•	•	•												
	NA 125 Noise attenuator nominal diameter 125	22781					•	•										
	NA 150 Noise attenuator nominal diameter 150	22756							•	•								
	NA 160 Noise attenuator nominal diameter 160	22783									•	•						
	NA 200 Noise attenuator nominal diameter 200	22784											•	•				
	NA 250 Noise attenuator nominal diameter 250	22785													•	•		
	TRA 250 Outlet port protection grille for models with nominal diameter 250	51150									•	•	•	•	•	•		
	FG 100 Fixed grille for models with nominal diameter 100	22165	•	•	•	•												
	FG 125 Fixed grille for models with nominal diameter 125	22166					•	•										
	FG 150 Fixed grille for models with nominal diameter 150	22167							•	•								

Description and sizes on page 98

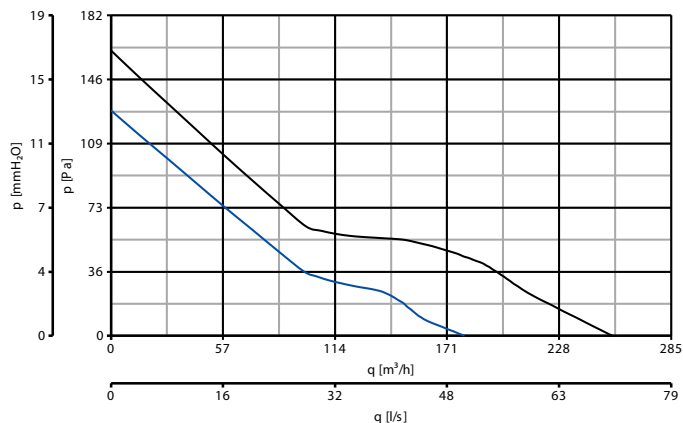


PERFORMANCE CURVES

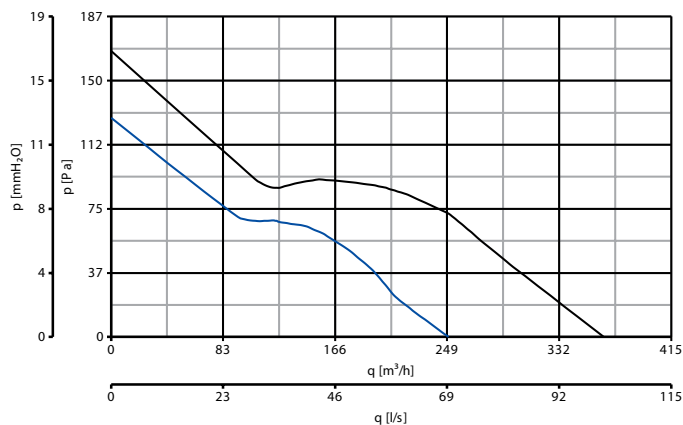
LINEO 100 Q V0 - LINEO 100 Q T V0



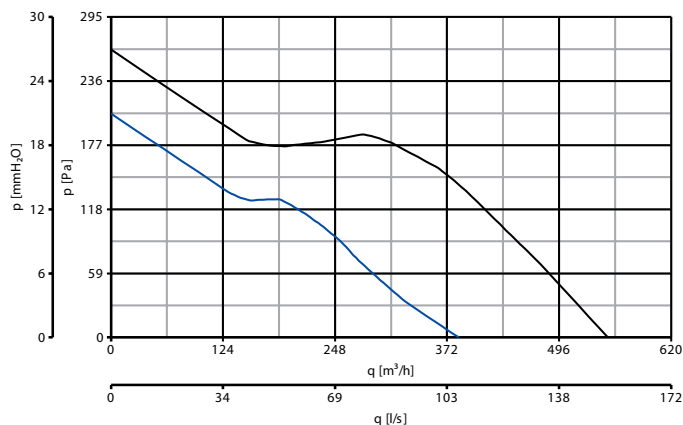
LINEO 100 V0 - LINEO 100 T V0



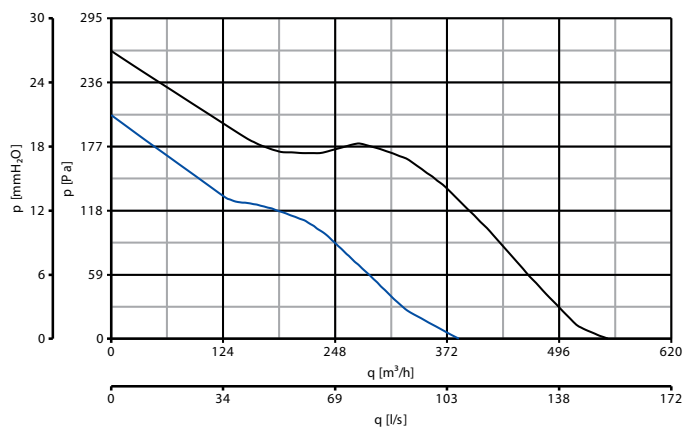
LINEO 125 V0 - LINEO 125 T V0



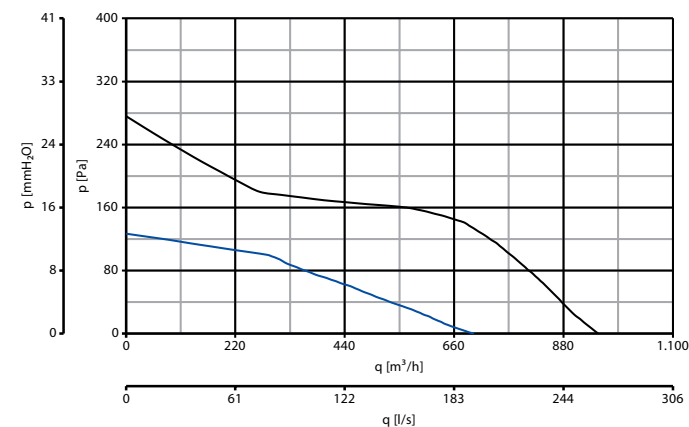
LINEO 150 V0 - LINEO 150 T V0



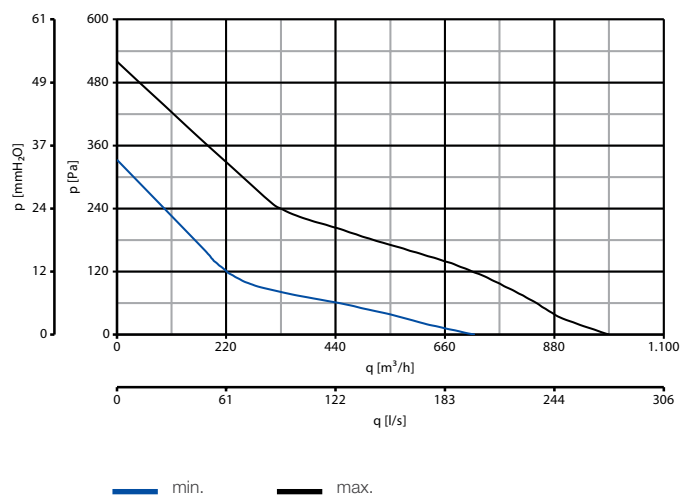
LINEO 160 V0 - LINEO 160 T V0



LINEO 200 Q V0 - LINEO 200 Q T V0

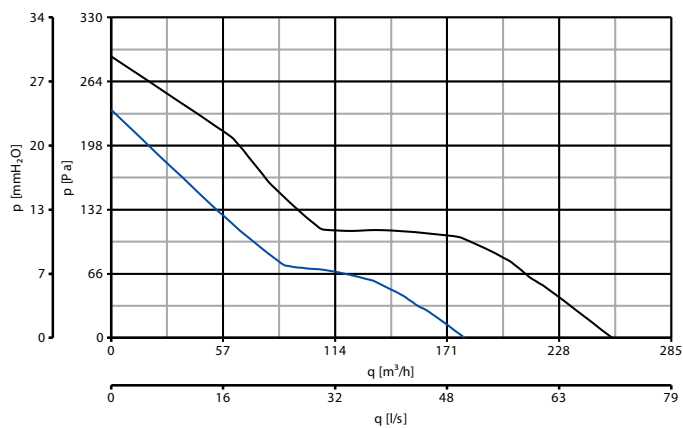


LINEO 250 Q V0 - LINEO 250 Q T V0

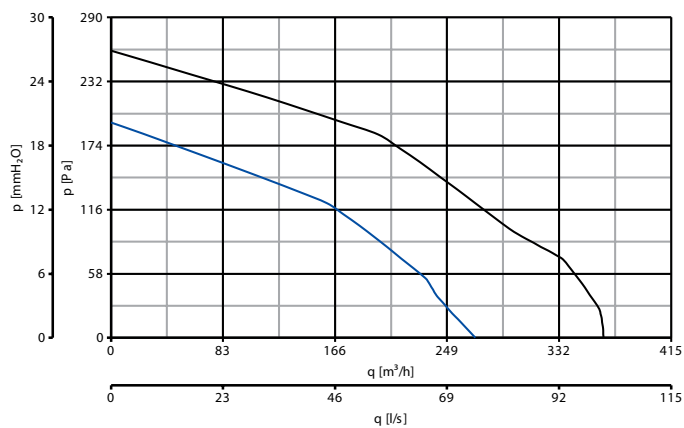


IN SERIES PERFORMANCE CURVES

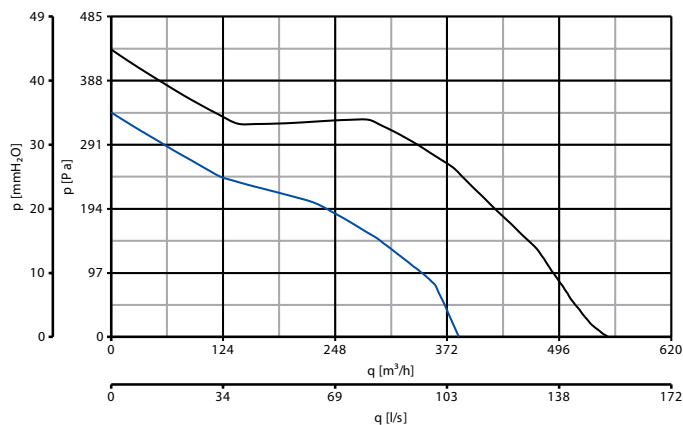
LINEO 100 V0



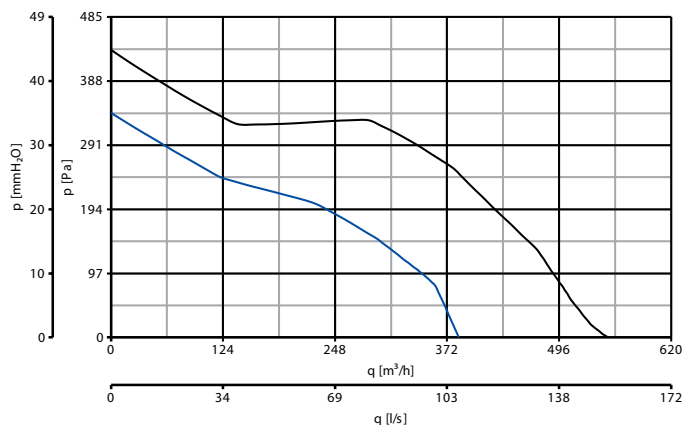
LINEO 125 V0



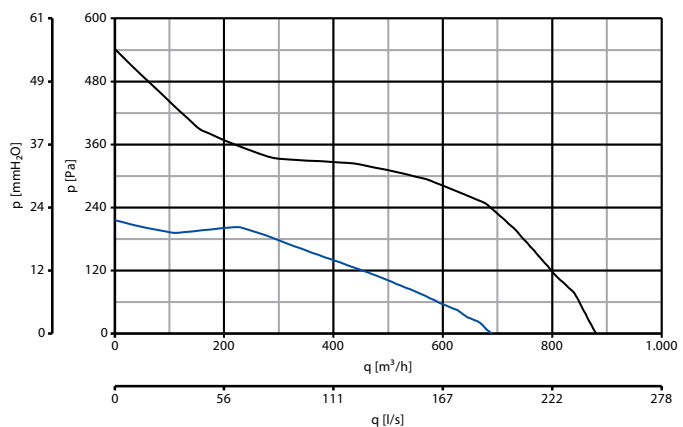
LINEO 150 V0



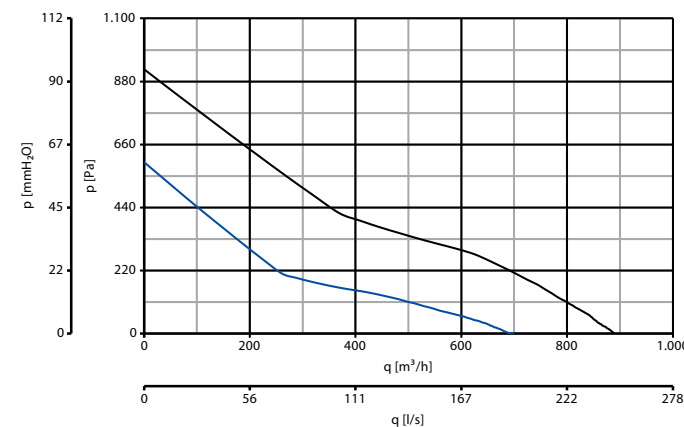
LINEO 160 V0



LINEO 200 Q V0

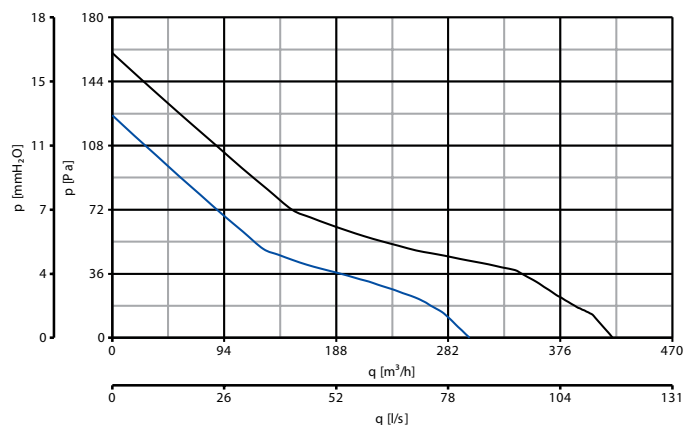


LINEO 250 Q V0

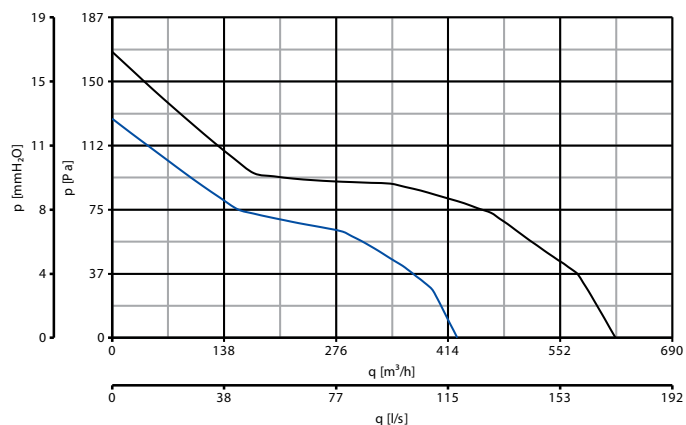


IN PARALLEL PERFORMANCE CURVES

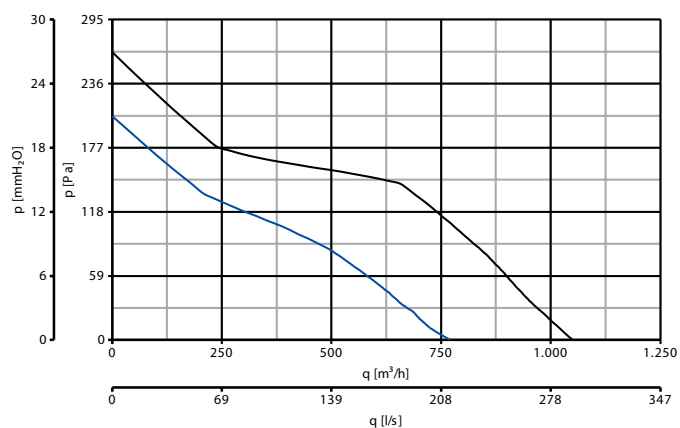
LINEO 100 V0



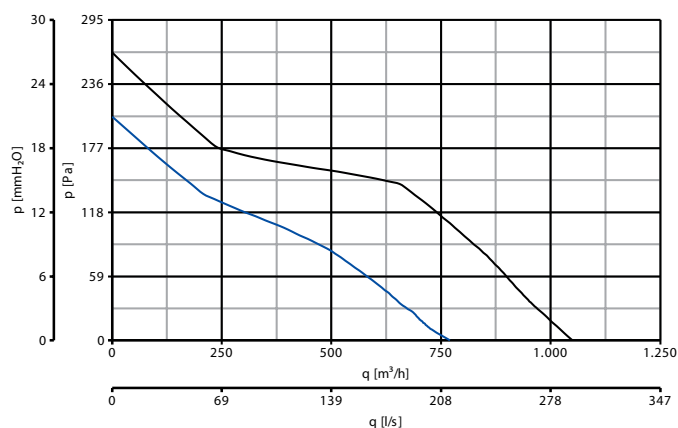
LINEO 125 V0



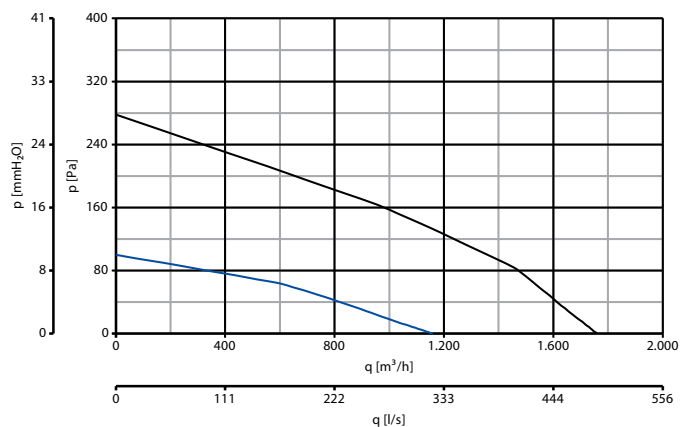
LINEO 150 V0



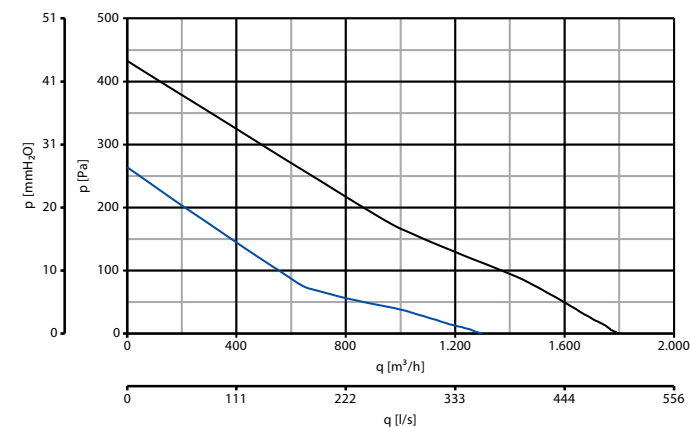
LINEO 160 V0



LINEO 200 Q V0

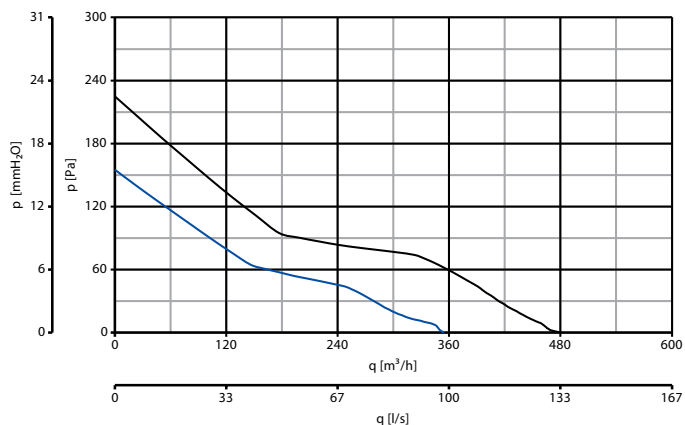


LINEO 250 Q V0

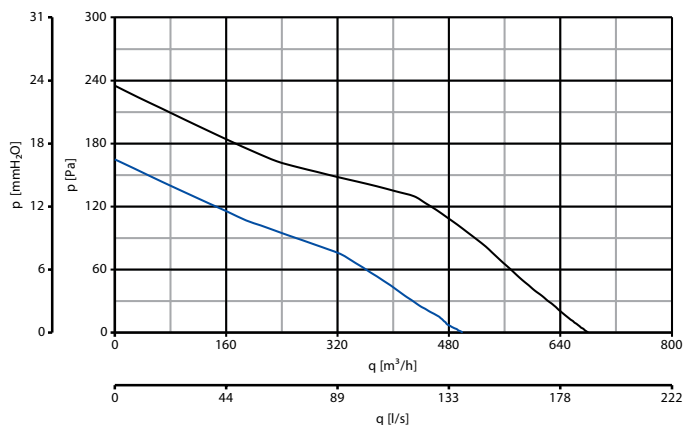


IN SERIES + PARALLEL PERFORMANCE CURVES

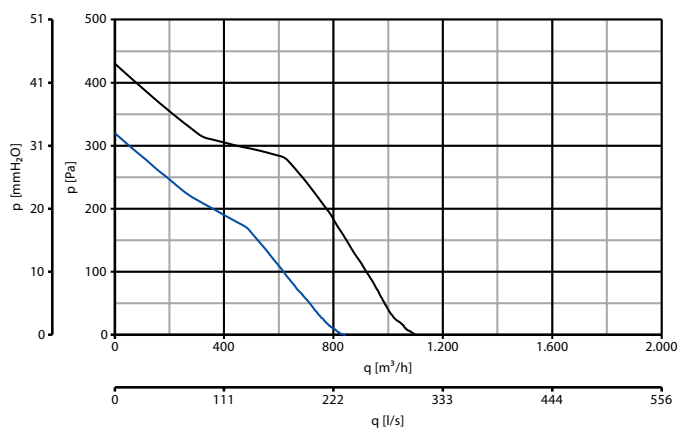
LINEO 100 V0



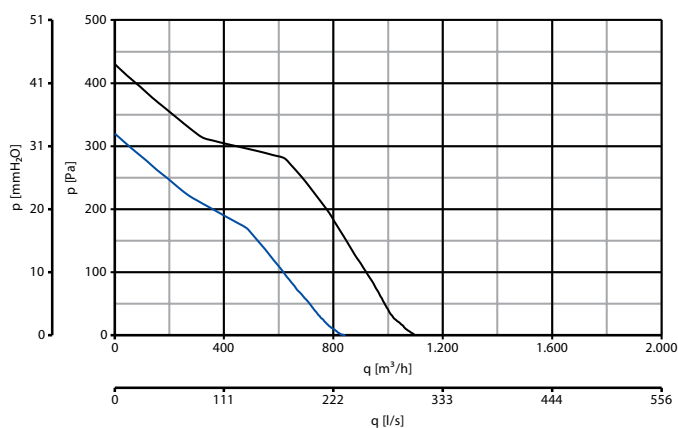
LINEO 125 V0



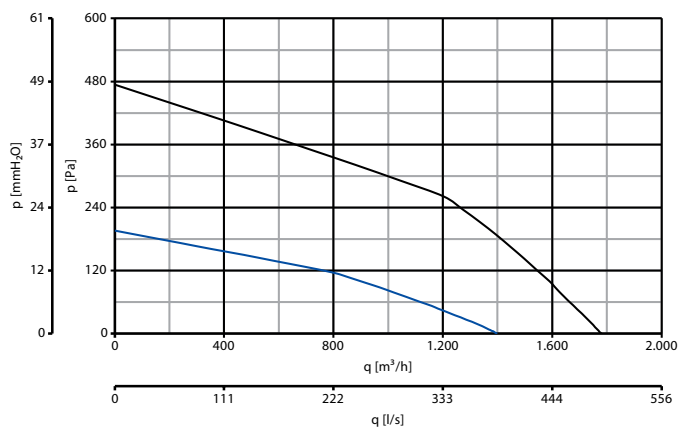
LINEO 150 V0



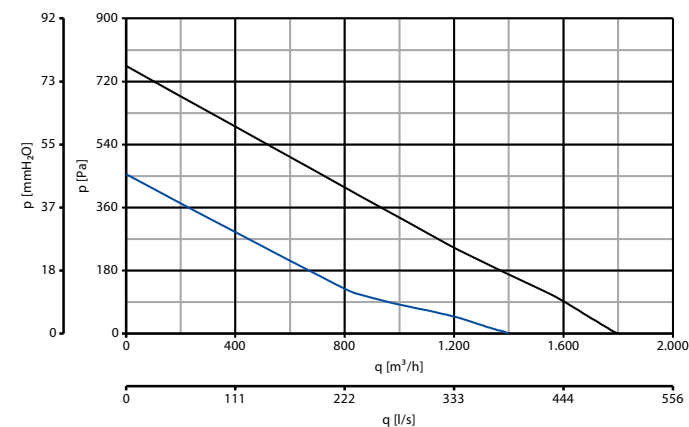
LINEO 160 V0



LINEO 200 Q V0



LINEO 250 Q V0



— min. — max.

