

COMMERCIAL VENTILATION



NEW



LONG LIFE 30.000 h

CA MD and CA MD E RANGE

In-line centrifugal fans in metal



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

- **13 models:** from 100 diameter to 315.
- Stripped and phosphated steel structure, painted with polyester powder which is particularly resistant to the aggressive action of atmospheric agents.
- Two speeds.
- Backward curved centrifugal impellers.
- High efficient ball bearing motors.
- Low noise emissions.
- Low specific consumption.
- Direction flaps optimised to reduce turbulence inside the appliance.
- Wide range of continuous operation temperatures between -25°C and +50°C.
- Mounting brackets made of galvanized steel included.
- Protection rating: IP44.
- Insulation class: II. □



Wiring diagrams shown from page 458

TECHNICAL DATA

Available only for the Extra EU market***

Models	Code	W min/max	A min/max	RPM min/max	Max Airflow		Max Pressure		Lp dB(A)* min/max	Max °C
					m³/h min/max	l/s min/max	mmH ₂ O min/max	Pa min/max		
CA 100 MD	16150	60 - 85	0.30 - 0.40	1730 - 2450	220 - 340	61 - 94	30 - 39	294 - 383	32.2 - 43.2 (*)	50
CA 125 MD	16151	60 - 85	0.30 - 0.40	1580 - 2380	280 - 450	78 - 125	27 - 37	265 - 363	30.8 - 45.9 (*)	
CA 150 Q MD	16152	60 - 85	0.30 - 0.40	1430 - 2350	300 - 500	83 - 139	21 - 35	206 - 343	34.7 - 48.1 (*)	
CA 150 MD	16153	110 - 155	0.50 - 0.70	1815 - 2080	570 - 770	188 - 214	44 - 54	432 - 530	40.7 - 48.0	
CA 160 MD	16154	110 - 155	0.55 - 0.70	1654 - 2080	640 - 840	178 - 228	41 - 50	402 - 491	40.7 - 47.4	
CA 200 MD	16155	110 - 155	0.55 - 0.70	1700 - 2100	820 - 1050	228 - 292	37 - 48	363 - 471	43.8 - 49.6	
CA 250 MD	16156	115 - 200	0.55 - 0.90	1800 - 2420	950 - 1300	264 - 361	42 - 56	412 - 549	46.7 - 55.9	
CA 315 MD	16157	190 - 280	0.85 - 1.25	1940 - 2500	1350 - 1800	375 - 500	52 - 72	510 - 706	52.4 - 57.7	

CA 150 MD E	16163	45 - 85	0.37 - 0.38	1775 - 2670	340 - 550	94 - 153	40 - 45	392 - 441	42.4 - 53.2 (**)	50
CA 160 MD E	16164	45 - 85	0.37 - 0.38	1860 - 2665	370 - 570	103 - 158	37 - 45	363 - 441	43.4 - 53.4 (**)	
CA 200 MD E	16165	45 - 90	0.37 - 0.40	1610 - 2610	500 - 830	139 - 231	42 - 46	412 - 451	36.2 - 48.1 (**)	
CA 250 MD E	16166	58 - 120	0.51 - 0.53	1615 - 2660	600 - 1000	167 - 278	42 - 53	412 - 520	38.3 - 52.7 (**)	
CA 315 MD E	16167	58 - 120	0.51 - 0.53	1560 - 2660	620 - 1080	172 - 300	43 - 58	422 - 569	41.8 - 52.3 (**)	

* 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.

** Sound pressure level measured at 3 m in free field conditions with long-cased appliance in delivery mode in accordance with standard EN ISO 9614.

Electrical supply: 230 V ~ 50 Hz.

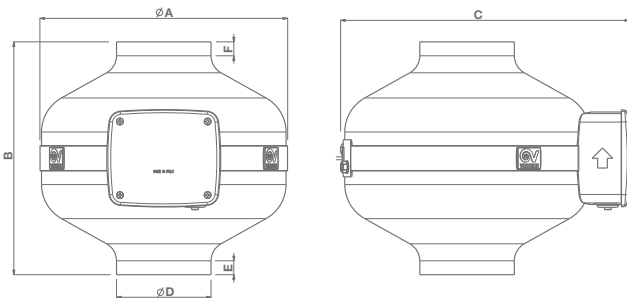


SOUND LEVELS

Frequency bands in octaves and sound output. The measurements of the sound power have been carried out according to international standards EN ISO-3741.

Models	Code		125	250	500	1000	2000	4000	8000
CA 100 MD	16150	minimum speed	49.4	42	51.7	49.3	46.4	42.8	38.7
		maximum speed	58.2	53.3	60.7	59.8	56.5	54.1	46.3
CA 125 MD	16151	minimum speed	45	51.7	51	45.9	42.1	35.1	n.a.
		maximum speed	55.4	63.4	64.5	61.6	58.7	55.2	48.4
CA 150 Q MD	16152	minimum speed	45.2	57.6	53.7	48.9	48.9	39.7	26.3
		maximum speed	55.9	68.4	66.1	62.6	62.6	56.9	48.9
CA 150 MD	16153	minimum speed	56	65.4	59.7	53.3	50	42.6	32.8
		maximum speed	62.2	71.1	67.3	61.6	59.2	51.9	44.6
CA 160 MD	16154	minimum speed	58.6	64.9	59.8	53	53	41.5	32.2
		maximum speed	62.1	70.4	66.5	60.9	60.9	50.4	43.1
CA 200 MD	16155	minimum speed	58	68.3	61.5	55.4	54.2	45.7	38
		maximum speed	61.5	70.3	69.7	63.2	60.8	54.5	47.4
CA 250 MD	16156	minimum speed	60.2	69.6	65.1	60.9	58.5	51.5	44.7
		maximum speed	68.8	71.2	77.9	69.4	65.8	60.9	55.6
CA 315 MD	16157	minimum speed	70.8	71.8	74	64.7	62.8	60.5	57.7
		maximum speed	74.3	72.4	77.6	71.6	70.3	67.1	66

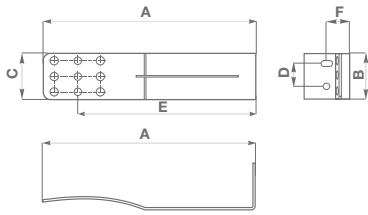
DIMENSIONS



Models	Ø A	B	C	Ø D	E	F	Kg
CA 100 MD	255	239	300	97	15	15	2.97
CA 125 MD				122	23	23	3.0
CA 150 Q MD				147	30	30	2.98
CA 150 MD	347	275	392	147	17	17	5.52
CA 160 MD				157	18	18	5.47
CA 200 MD				197	20	17	5.43
CA 250 MD				247	38	35	6.55
CA 315 MD				312	36	30	9.47
CA 150 MD E	347	275	392	147	17	17	6.1
CA 160 MD E				157	18	18	6.3
CA 200 MD E				197	20	17	6.0
CA 250 MD E				247	38	35	7.6
CA 315 MD E				312	21	30	11.0

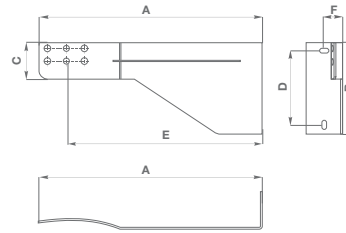
Dimensions (mm)

Galvanised sheet-metal brackets (for model Ø 100-125-150)



Models	A	B	C	D	E	F
brackets	186	40	40	20	156	10

Galvanised sheet-metal brackets (for model Ø 200-250-315)



Models	A	B	C	D	E	F
brackets	245	100	40	80	215	10

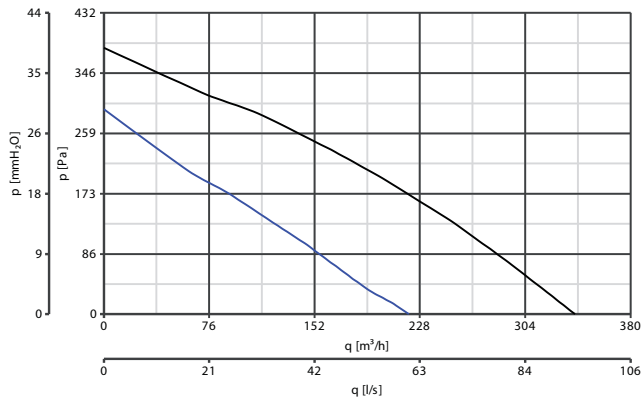
PRODUCT ACCESSORIES

Models	Description	Code	Product												
			CA 100 MD code 16150	CA 125 MD code 16151	CA 150 Q MD code 16152	CA 150 MD code 16153	CA 160 MD code 16154	CA 200 MD code 16155	CA 250 MD code 16156	CA 315 MD code 16157	CA 150 MD E code 16163	CA 160 MD E code 16164	CA 200 MD E code 16165	CA 250 MD E code 16166	CA 315 MD E code 16167
	C 1.5 Electronic speed controller 1.5 A	12966	●	●	●	●	●	●	●	●	●	●	●	●	●
	C 2.5 Electronic speed controller 2.5 A	12967	●	●	●	●	●	●	●	●	●	●	●	●	●
	SCNRB Electronic speed controller built-in	12971	●	●	●	●	●	●	●	●	●	●	●	●	●
	SCB Built-in controller adaptor for C 1.5 and C 2.5	22481	12966 - 12967												
	C HCS Environmental sensor for humidity	12994	●	●	●	●	●	●	●	●	●	●	●	●	●
	C TEMP Environmental sensor for temperature	12992	●	●	●	●	●	●	●	●	●	●	●	●	●
	C SMOKE Environmental sensor for air quality	12993	●	●	●	●	●	●	●	●	●	●	●	●	●
	C PIR Passive infrared sensor	12998	●	●	●	●	●	●	●	●	●	●	●	●	●
	C TIMER Adjustable over-run timer	12999	●	●	●	●	●	●	●	●	●	●	●	●	●
	DUO Speed controller	22914	●	●	●	●									
	CA-G 100 Protection grille nominal diameter 100 mm	22750	●												
	CA-G 125 Protection grille nominal diameter 125 mm	22755		●											
	CA-G 150 Protection grille nominal diameter 150 mm	22760			●	●					●				
	CA-G 160 Protection grille nominal diameter 160 mm	22762					●					●			
	CA-G 200 Protection grille nominal diameter 200 mm	22765						●					●		
	CA-G 250 Protection grille nominal diameter 250 mm	22770							●					●	
	CA-G 315 Protection grille nominal diameter 315 mm	22775								●					●
	CA-MU Galvanised sheet-metal brackets	22674	●	●	●	●	●	●	●	●	●	●	●	●	●

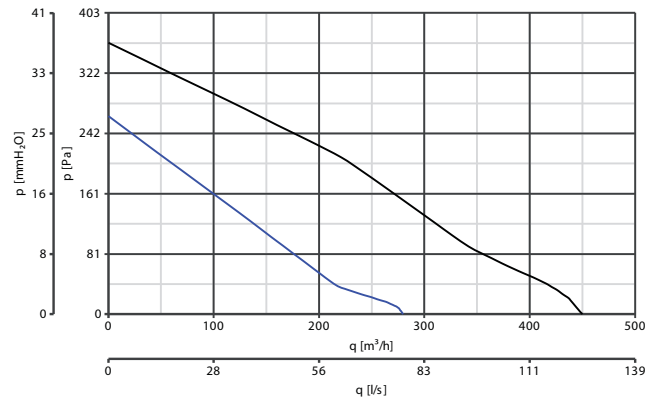
Description and sizes on page 236; System components on page 330.

PERFORMANCE CURVES

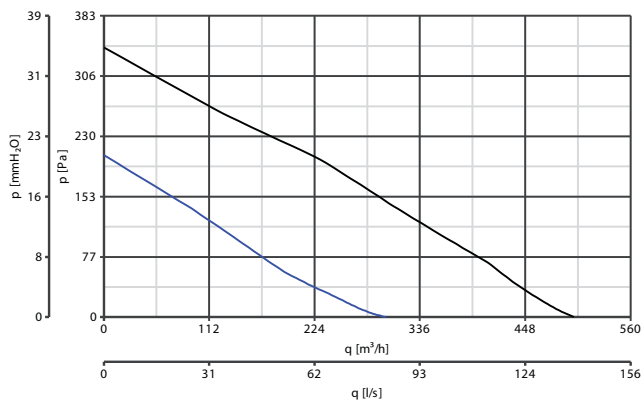
CA 100 MD code 16150



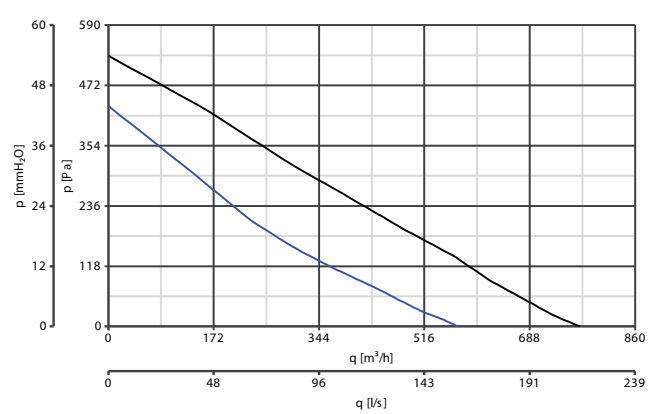
CA 125 MD code 16151



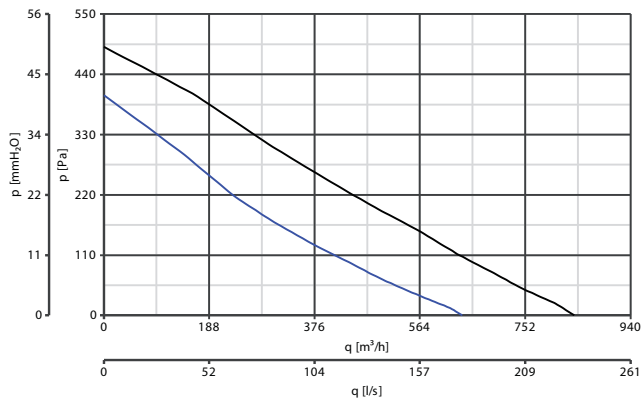
CA 150 Q MD code 16152



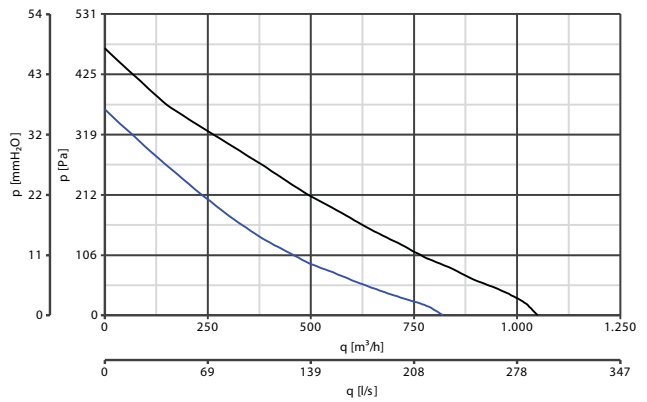
CA 150 MD code 16153

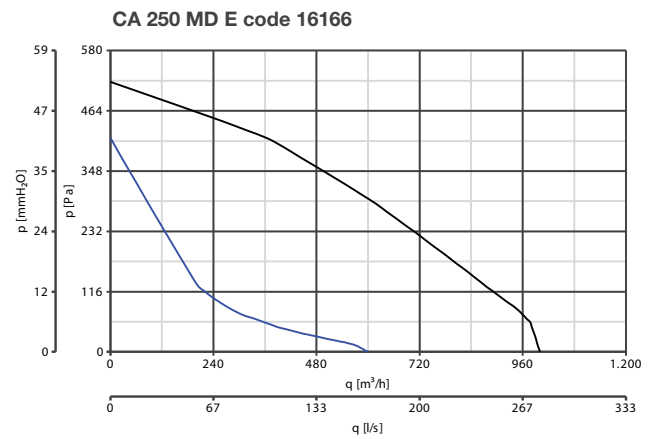
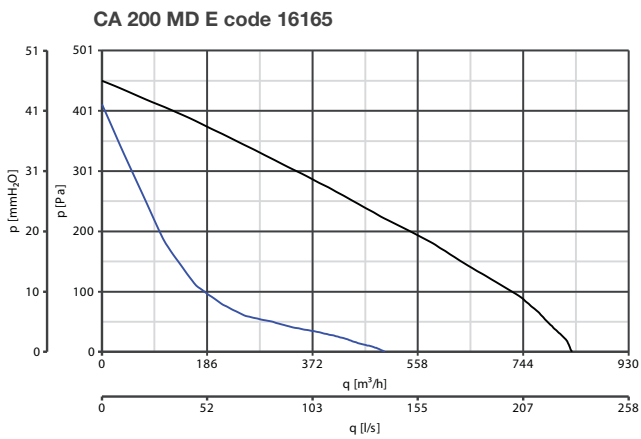
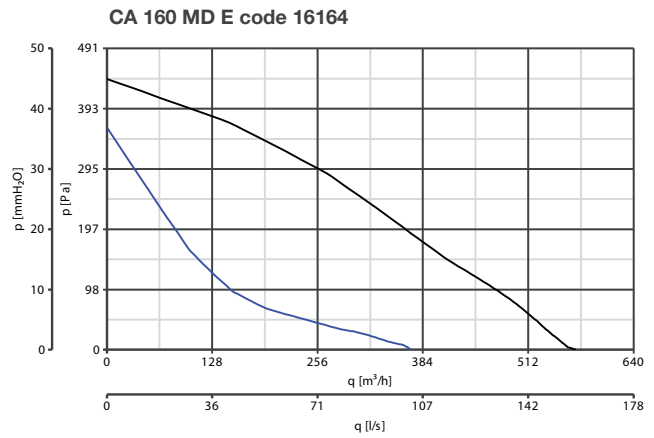
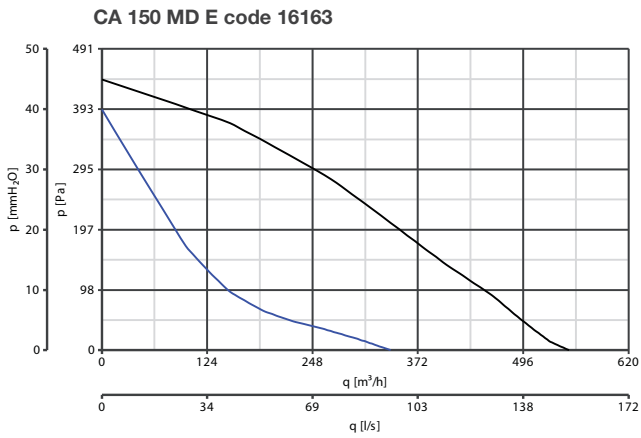
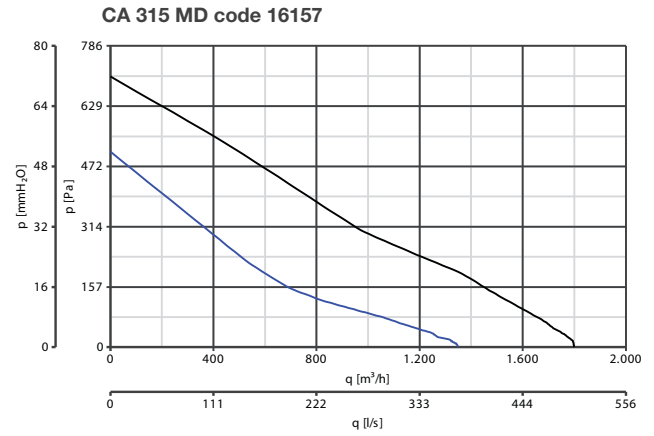
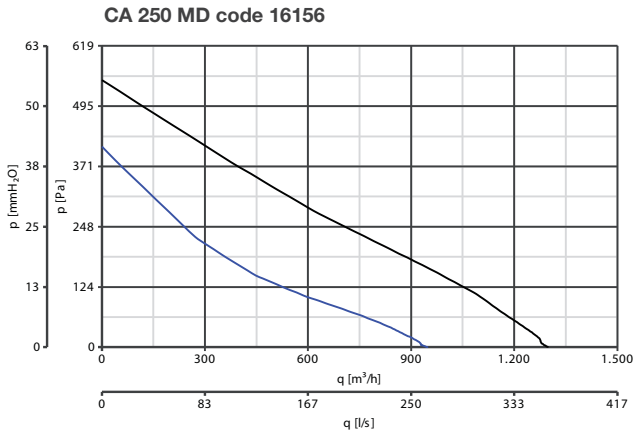


CA 160 MD code 16154

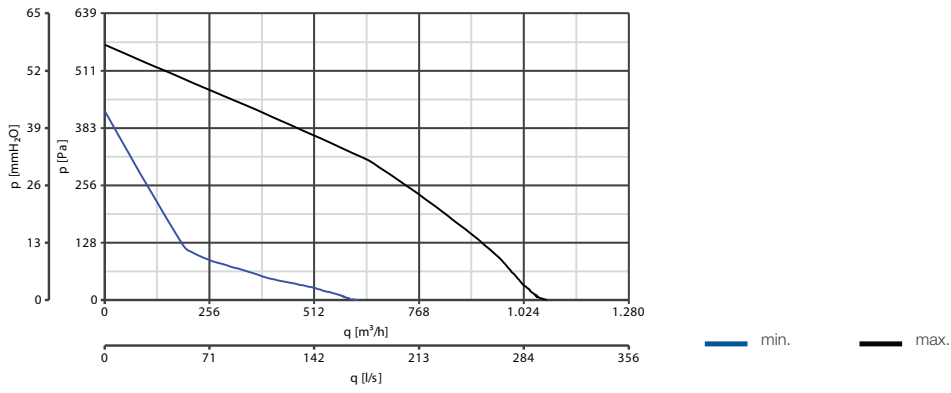


CA 200 MD code 16155





CA 315 MD E code 16167



NEW



CA ES RANGE

“Energy Saving” in-line centrifugal fans in metal



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

- **8 models: CA 100 ES, CA 125 ES, CA 150 Q ES, CA 150 ES, CA 160 ES, CA 200 ES, CA 250 ES, CA 315 ES.**
- Stripped and phosphated steel structure, painted with polyester powder which is particularly resistant to the aggressive action of atmospheric agents.
- Two speeds, one speed for models CA 250 ES and CA 315 ES.
- Backward curved centrifugal impellers.
- High efficient ball bearing EC motors.
- Low noise emissions.
- Low specific consumption.
- Two levels of airflow, pressure, noise emissions and consumption (for all the models with a diameter until 200).
- Wide range of continuous operation temperatures between -25°C and +50°C.
- Mounting brackets made of galvanized steel included.
- Protection rating: IP44.
- Insulation class: II. □
- Insulation class: I. ⊕ (for models 250 ES and 315 ES).

Wiring diagrams shown from page 458

TECHNICAL DATA

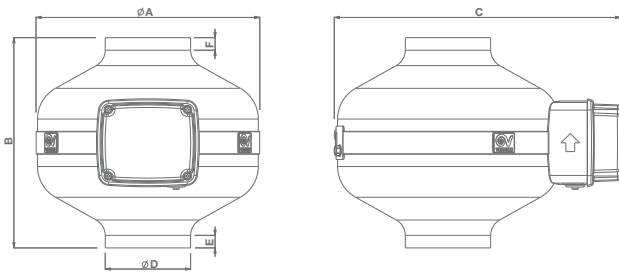
Models	Code	W		A		RPM		Max Airflow				Max Pressure				Lp dB(A)* min/max	Max °C
		min/max		min/max		min/max		m³/h min/max	l/s min/max	mmH₂O min/max	Pa min/max						
CA 100 ES	16170	11	29	0.12	0.29	1310	2020	170	270	47	75	16	37	157	363	24.9	36.8
		19	55	0.20	0.53	1690	2530	220	340	61	94	27	49	265	480	35.4	43.4
		35	80	0.35	0.75	2140	2880	280	380	78	105	43	51	422	500	38.5	46.9
CA 125 ES	16171	11	29	0.12	0.29	1180	1820	220	350	61	97	14	34	137	333	25.3	38.4
		19	55	0.20	0.53	1520	2310	280	440	78	122	23	47	225	461	33.2	45.9
		35	80	0.35	0.75	1930	2620	370	500	103	139	38	49	373	480	40.3	49.7
CA 150 Q ES	16172	11	29	0.12	0.29	1170	1810	240	380	67	105	11	26	108	255	27.5	40.0
		19	55	0.20	0.53	1515	2300	310	490	86	136	18	42	176	412	34.7	46.6
		35	80	0.35	0.75	1925	2590	410	560	114	155	30	45	294	441	41.5	49.6
CA 150 ES	16173	20	30	0.21	0.30	1230	1420	420	480	117	133	17	22	167	216	30.3	34.3
		44	105	0.43	0.93	1620	2170	550	750	153	208	29	51	284	500	38.0	47.3
		58	120	0.55	1.05	1800	2260	630	820	175	228	36	56	353	549	41.4	48.1
CA 160 ES	16174	20	30	0.21	0.30	1230	1410	470	540	130	150	17	22	167	216	34.3	35.1
		44	105	0.43	0.93	1620	2160	630	840	175	233	29	51	284	500	39.2	47.1
		58	120	0.55	1.05	1780	2230	700	890	194	247	36	56	353	549	41.7	48.1
CA 200 ES	16175	20	30	0.21	0.30	1210	1385	580	675	161	187	15	20	147	196	32.1	34.8
		44	105	0.43	0.93	1600	2140	770	1050	214	292	26	47	255	461	38.0	46.7
		58	120	0.55	1.05	1760	2240	880	1120	244	311	31	50	304	490	40.8	47.6
CA 250 ES	16176	140		1.20		3050		1150		319		73		716		57.3	
CA 315 ES	16177	148		1.27		1935		1800		500		51		500		50.7	

* Sound pressure level measured at 3 m in free field conditions with long-cased appliance in delivery mode in accordance with standard EN ISO 9614.

Electrical supply: 230 V ~ 50 Hz.



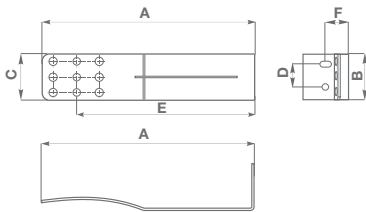
DIMENSIONS



Models	Ø A	B	C	Ø D	E	F	Kg
CA 100 ES	255	239	330	97	15	15	2.7
CA 125 ES				122	23	23	2.6
CA 150 Q ES				147	30	30	2.6
CA 150 ES	347	275	422	147	17	17	4.5
CA 160 ES				157	18	18	4.6
CA 200 ES				197	20	17	4.6
CA 250 ES	406	267	392	247	30	35	4.9
CA 315 ES		362	455	315	35	30	6.9

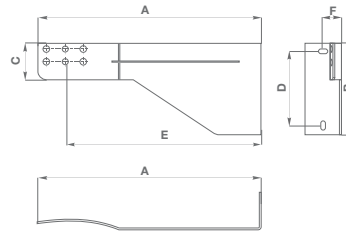
Dimensions (mm)

Galvanised sheet-metal brackets (for model Ø 100-125-150)










Models	A	B	C	D	E	F
brackets	186	40	40	20	156	10

Galvanised sheet-metal brackets (for model Ø 200-250-315)



Models	A	B	C	D	E	F
brackets	245	100	40	80	215	10

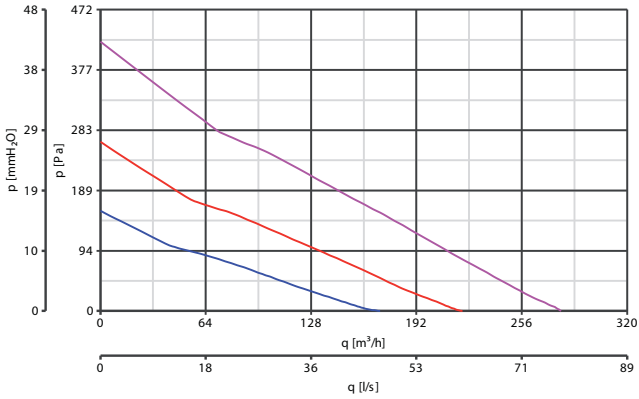
PRODUCT ACCESSORIES

Models	Description	Code	Product							
			CA 100 ES code 16170	CA 125 ES code 16171	CA 150 ES code 16172	CA 150 Q ES code 16173	CA 160 ES code 16174	CA 200 ES code 16175	CA 250 ES code 16176	CA 315 ES code 16177
	C HCS Environmental sensor for humidity	12994	●	●	●	●	●	●	●	●
	C TEMP Environmental sensor for temperature	12992	●	●	●	●	●	●	●	●
	C SMOKE Environmental sensor for air quality	12993	●	●	●	●	●	●	●	●
	C PIR Passive infrared sensor	12998	●	●	●	●	●	●	●	●
	C TIMER Adjustable over-run timer	12999	●	●	●	●	●	●	●	●
	CA-G 100 Protection grille nominal diameter 100 mm	22750	●							
	CA-G 125 Protection grille nominal diameter 125 mm	22755		●						
	CA-G 150 Protection grille nominal diameter 150 mm	22760			●	●				
	CA-G 160 Protection grille nominal diameter 160 mm	22762					●			
	CA-G 200 Protection grille nominal diameter 200 mm	22765						●		
	CA-G 250 Protection grille nominal diameter 250 mm	22770							●	
	CA-G 315 Protection grille nominal diameter 315 mm	22775								●
	CA-MU Galvanized sheet-metal brackets	22674	●	●	●	●	●	●	●	●

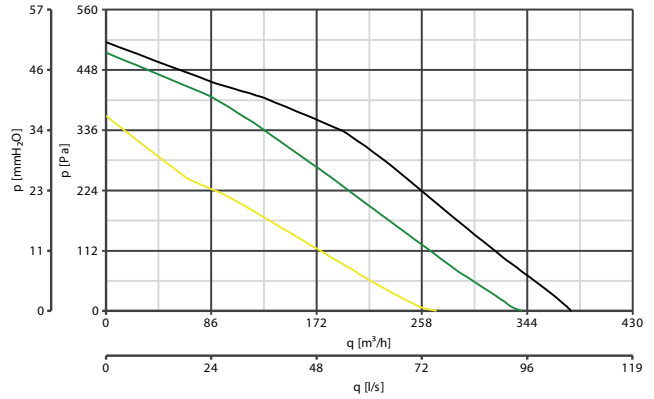
Description and sizes on page 236; System components on page 330.

PERFORMANCE CURVES

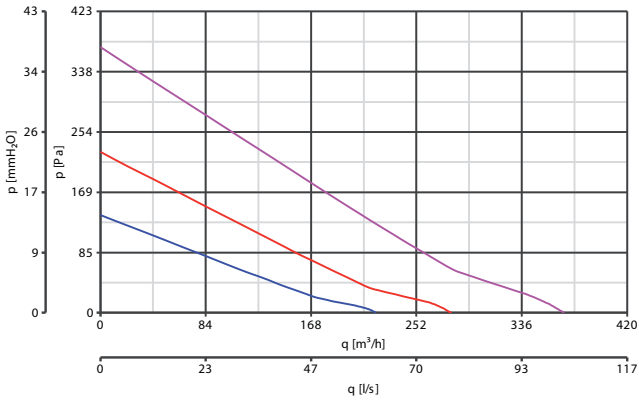
CA 100 ES code 16170 - min speed



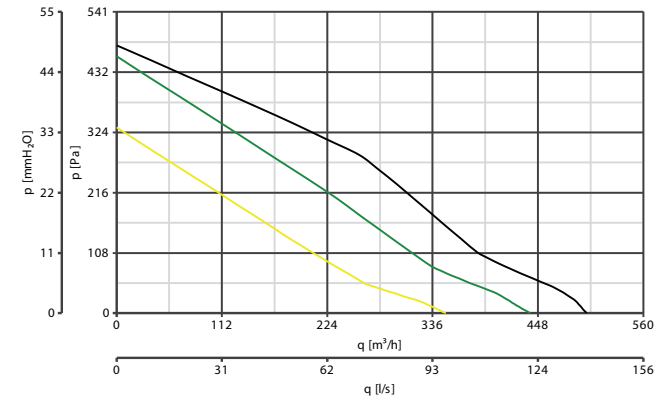
CA 100 ES code 16170 - max speed



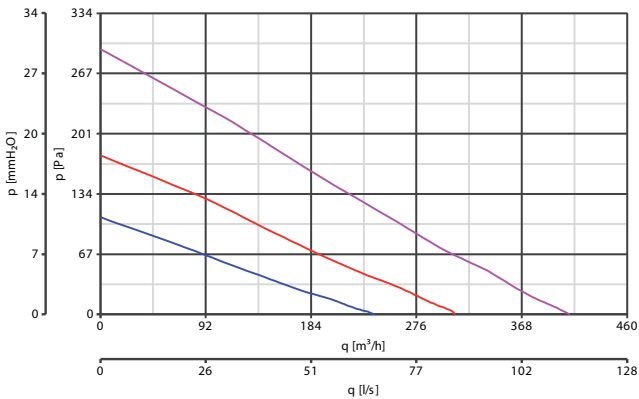
CA 125 ES code 16171 - min speed



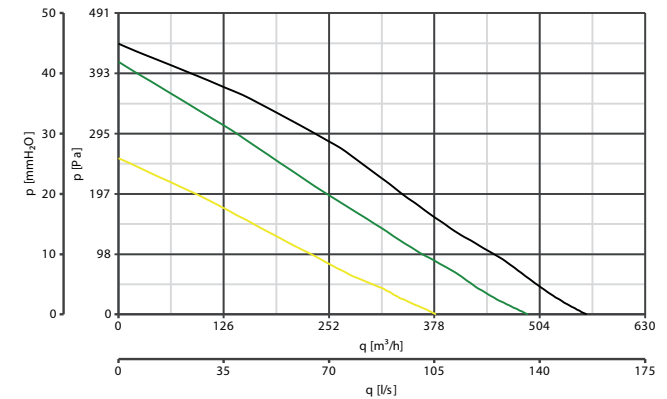
CA 125 ES code 16171 - max speed

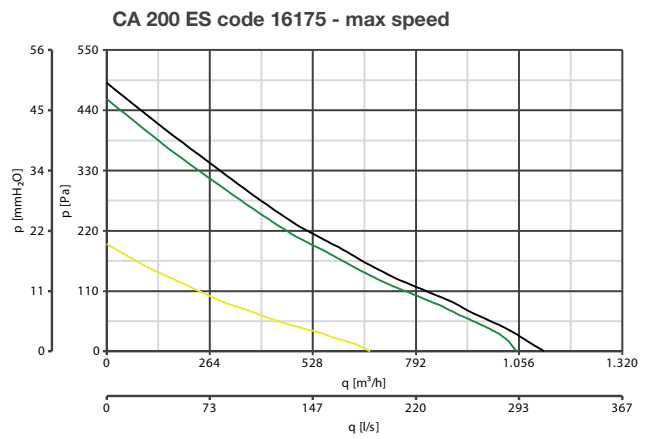
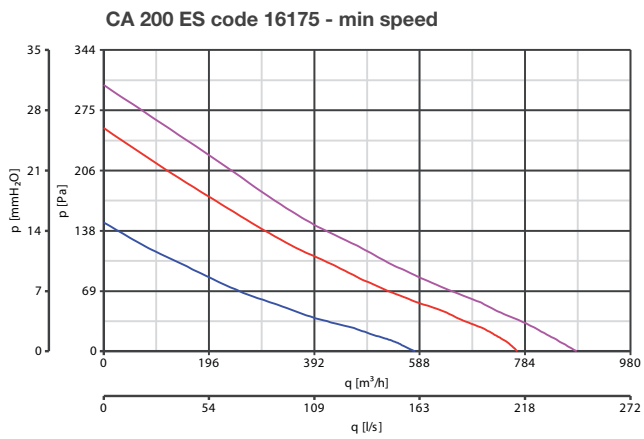
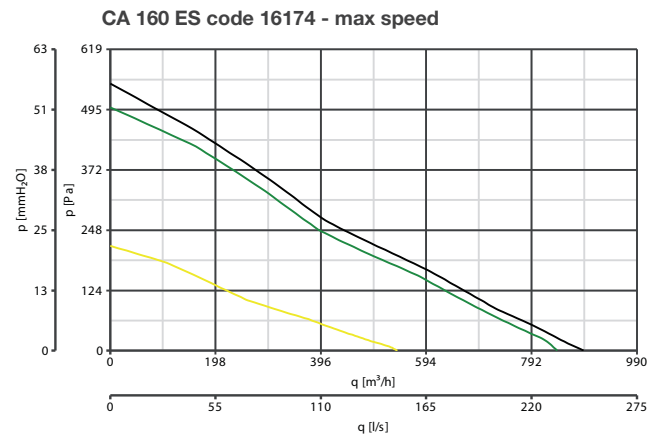
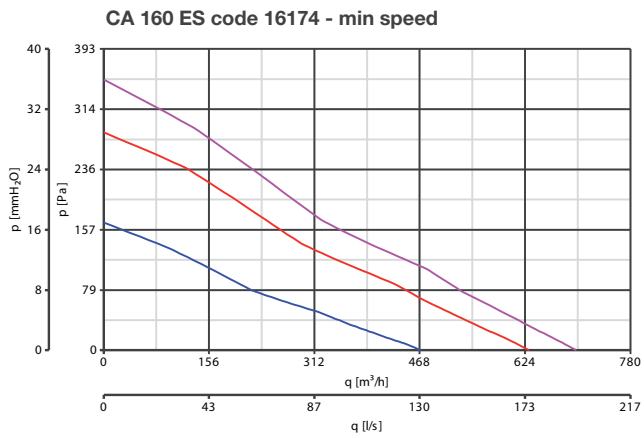
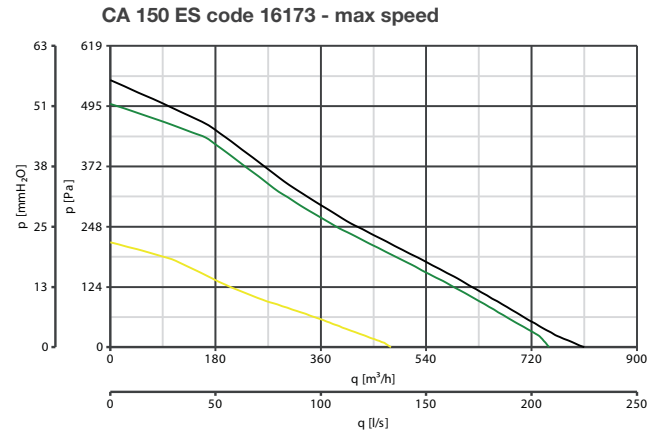
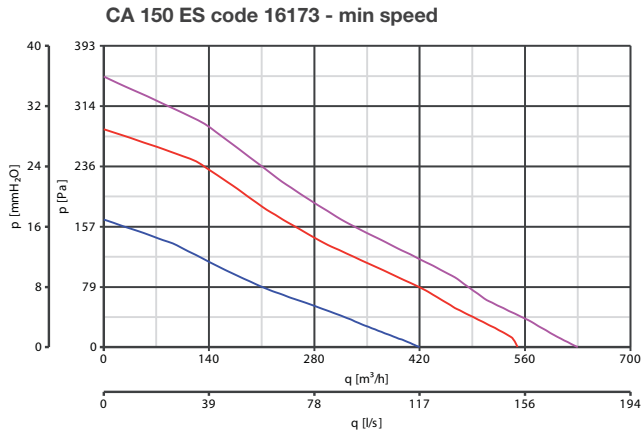


CA 150 Q ES code 16172 - min speed

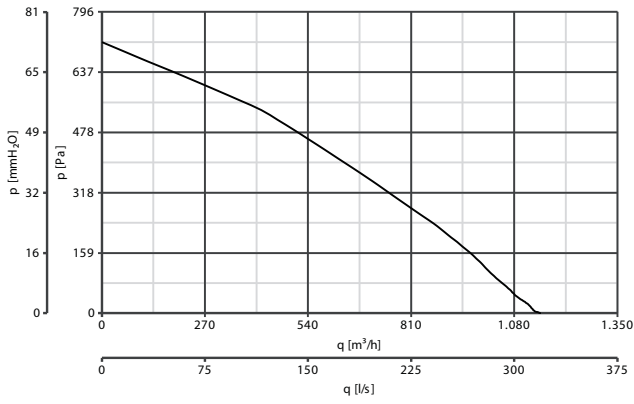


CA 150 Q ES code 16172 - max speed

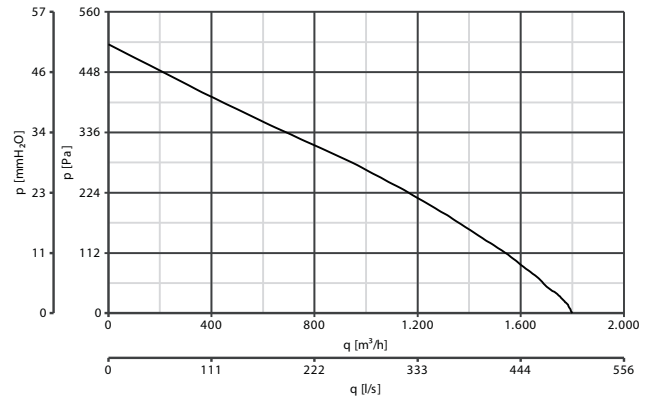




CA 250 ES code 16176



CA 315 ES code 16177



min speed — min. setting
— nominal setting
— max. setting

max speed — min. setting
— nominal setting
— max. setting

p = static pressure

NEW



CA V0 E RANGE

In-line centrifugal fans in self-extinguishing plastic

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



- **7 models: CA 100 V0 D, CA 125 V0 D, CA 150 V0 D, CA 200 V0 Q, CA 200 V0 E, CA 250 V0 E, CA 315 V0 E.**
- Structure in self-extinguishing V0 PP thermoplastic resin.
- Backward curved centrifugal impellers.
- High efficient ball bearing motors.
- Low noise emissions.
- Low specific consumption.
- Constructed to withstand splashing (suitable for damp environments).
- Wide range of continuous operation temperatures between -25°C and +55°C.
- Mounting brackets made of galvanized steel included.
- Protection rating: IP44 CA V0 E.
- Protection rating: IPX4 CA V0.
- Insulation class: II. □

Wiring diagrams shown from page 458

TECHNICAL DATA

Models	Code	W min/max	A min/max	RPM min/max	Max Airflow		Max Pressure		Lp dB(A) min/max	Max °C
					m³/h min/max	l/s min/max	mmH₂O min/max	Pa min/max		
CA 100 V0 D	16008	65 - 85	0.32 - 0.38	1660 - 2540	150 - 235	41.7 - 65.3	30 - 40	274 - 392	51 - 56 (*)	50
CA 125 V0 D	16018	67 - 85	0.34 - 0.40	1480 - 2470	210 - 360	58.3 - 100	25 - 36	245 - 353	45 - 56 (*)	
CA 150 V0 D	16028	70 - 85	0.34 - 0.41	1400 - 2390	280 - 500	77.8 - 138.9	20 - 34	196 - 333	44 - 56 (*)	
CA 200 V0 Q	16035	100	0.35	2290	700	194.4	37	363	59 (*)	55
CA 200 V0 E	16038	90	0.40	2615	840	233	45	441	50.3 (**)	
CA 250 V0 E	16039	90	0.40	2650	920	256	42	412	49.9 (**)	
CA 315 V0 E	16041	120	0.54	2660	1100	305	55	539	54 (**)	

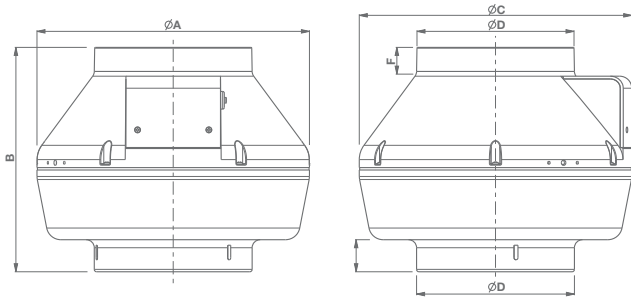
* Sound pressure level measured at 3 m in free field conditions with long-cased appliance in delivery mode in accordance with standard EN ISO 3741:2009.

** Sound pressure level measured at 3 m in free field conditions with long-cased appliance in delivery mode in accordance with standard EN ISO 9614.

Electrical supply: 230 V ~ 50 Hz for CA V0 E models.
Electrical supply: 220/240 V ~ 50 Hz for CA 100, 120, 150 V0 models.
Electrical supply: 220/240 V ~ 50/60 Hz for CA 200 V0 Q model.



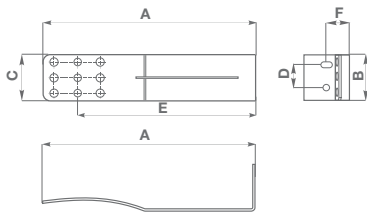
DIMENSIONS



Models	Ø A	B	Ø C	Ø D	E	F	Kg
CA 100 V0 D	250	250	250	97	30	30	2.4
CA 125 V0 D				122			2.3
CA 150 V0 D	300	305	300	147/157			2.6
CA 200 V0 Q	340	280	340	197	40	3.1	
CA 200 V0 E		305		247	60	4.0	
CA 250 V0 E	400	340	400	312	75	40	4.3
CA 315 V0 E							6.5

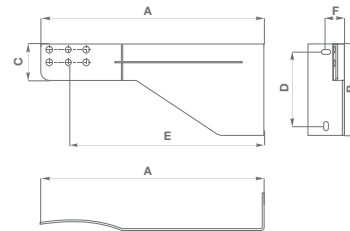
Dimensions (mm)

Galvanised sheet-metal brackets (for model Ø 100-125-150)



Models	A	B	C	D	E	F
brackets	186	40	40	20	156	10

Galvanised sheet-metal brackets (for model Ø 200-250-315)













Models	A	B	C	D	E	F
brackets	245	100	40	80	215	10

SOUND LEVELS

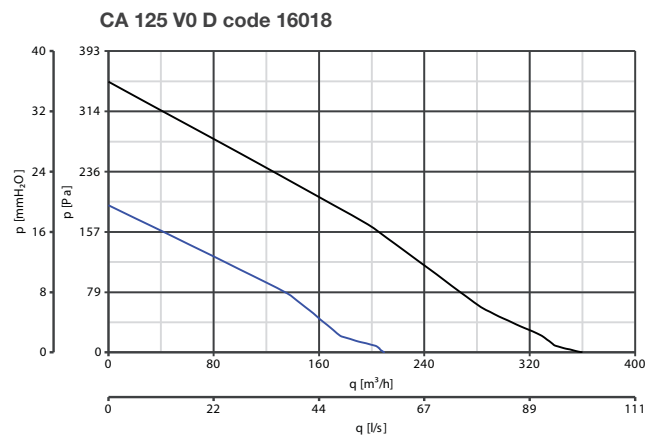
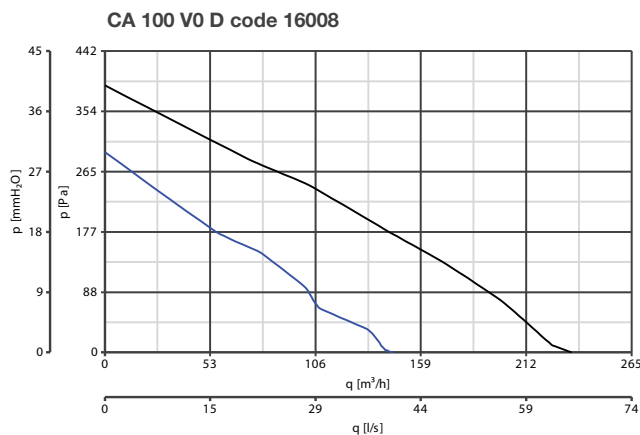
Models	Code		63	125	250	500	1000	2000	4000	8000
CA 100 V0 D	16008	max speed	43.6	54.4	69.3	64.0	65.2	63.1	60.0	53.1
CA 125 V0 D	16018		47.2	54.6	69.0	65.8	66.2	63.0	59.8	52.3
CA 150 V0 D	16028		44.6	52.6	66.1	62.9	65.8	63.0	61.9	51.7

PRODUCT ACCESSORIES

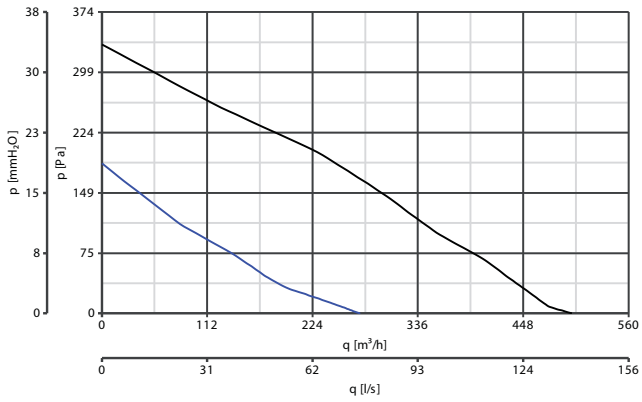
Models	Description	Code	Product						
			CA 100 V0 D code 16008	CA 125 V0 D code 16018	CA 150 V0 D code 16028	CA 200 V0 Q code 16035	CA 200 V0 E code 16038	CA 250 V0 E code 16039	CA 315 V0 E code 16041
	C 1.5 Electronic speed controller	12966	●	●	●	●	●	●	●
	C 2.5 Electronic speed controller	12967	●	●	●	●	●	●	●
	SCNRB Non-reversible built-in electronic speed controller	12971	●	●	●	●	●	●	●
	SCB Built-in controller adaptor for C 1.5 and C 2.5	22481	12966 - 12967						
	DUO Speed controller	22914	●	●	●				
	C HCS Environmental sensor for humidity	12994	●	●	●	●	●	●	●
	C TEMP Environmental sensor for temperature	12992	●	●	●	●	●	●	●
	C SMOKE Environmental sensor for air quality	12993	●	●	●	●	●	●	●
	C PIR Passive infrared sensor	12998	●	●	●	●	●	●	●
	C TIMER Adjustable over-run timer	12999	●	●	●	●	●	●	●
	CA-G 100 Protection grille nominal diameter 100 mm	22750	●						
	CA-G 125 Protection grille nominal diameter 125 mm	22755		●					
	CA-G 150 Protection grille nominal diameter 150 mm	22760			●				
	CA-G 200 Protection grille nominal diameter 200 mm	22765				●	●		
	CA-G 250 Protection grille nominal diameter 250 mm	22770						●	
	CA-G 315 Protection grille nominal diameter 315 mm	22775							●
	CA-MU Galvanized sheet-metal brackets	22674	●	●	●	●	●	●	●

Description and sizes on page 236; System components on page 330.

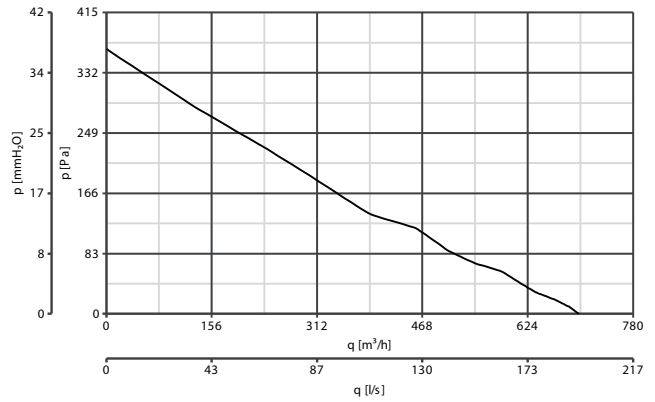
PERFORMANCE CURVES



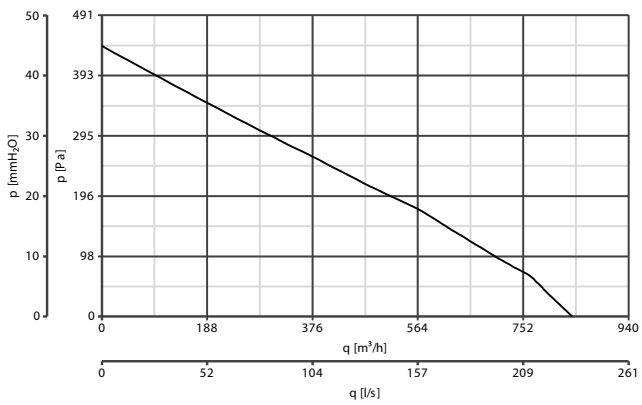
CA 150 V0 D code 16028



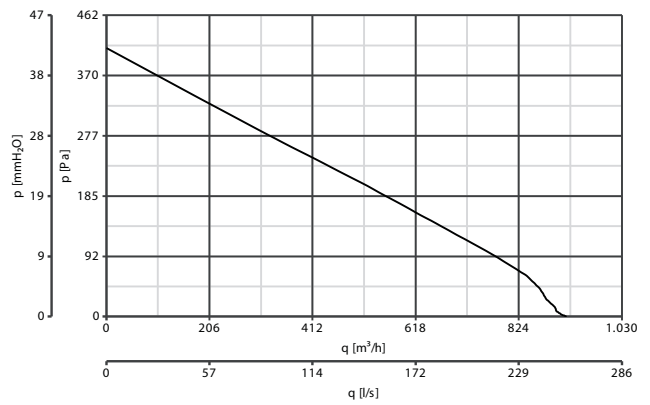
CA 200 V0 Q code 16035



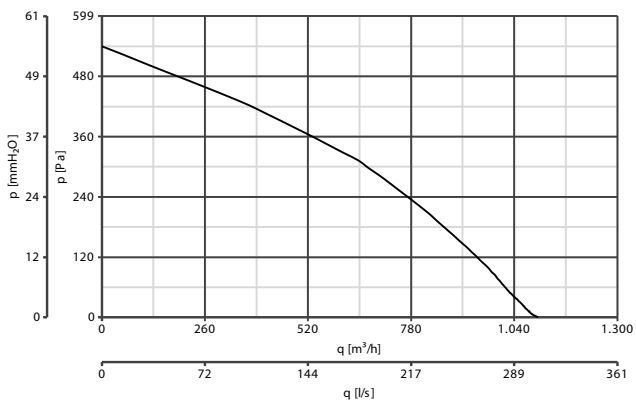
CA 200 V0 E code 16038



CA 250 V0 E code 16039



CA 315 V0 E code 16041



min. max.

NEW



LONG LIFE 30.000 h

CA WE D E RANGE

Centrifugal duct fans for external wall

Designed for silent extraction from kitchens, bathrooms, utility rooms, cellars, garages, public spaces such as bars and shops, and workplaces such as workshops and laboratories.



- **6 models: CA 100 WE D, CA 125 WE D, CA 150 Q WE D, CA 150 WE D E, CA 160 WE D E, CA 200 WE D E.**
- P04 sheet steel structure painted with polyester paint which is resistant to atmospheric agents.
- Induction motor with external rotor, manual reset thermal protection device.
- Two speeds.
- Backward curved centrifugal impellers.
- High efficient ball bearing motors.
- Motor support flange in mineral charged PP.
- Low noise emissions.
- Low specific consumption.
- PVC made gravity shutters.
- Backdraught shutters.
- Automatic delivery outlet and protective grille closure avoids the risk of air re-entry and prevents foreign bodies from entering.
- Wide range of continuous operation temperatures between -25°C and +60°C.
- Protection rating IPX5.
- Insulation class: I. Ⓡ

Wiring diagrams shown from page 458

TECHNICAL DATA

Models	Code	W min/max	A min/max	RPM min/max	Max Airflow		Max Pressure		Lp dB(A) min/max	Max °C
					m³/h min/max	l/s min/max	mmH₂O min/max	Pa min/max		
CA 100 WE D	16091	60 - 80	0.26 - 0.35	1600 - 2380	200 - 330	56 - 92	29 - 37	284 - 363	38.3 - 50.1 (*)	60
CA 125 WE D	16092	60 - 80	0.26 - 0.35	1400 - 2325	215 - 380	60 - 106	30 - 39	294 - 383	36.3 - 49.5 (*)	60
CA 150 Q WE D	16093	60 - 80	0.26 - 0.35	1760 - 2350	220 - 400	61 - 111	25 - 36	245 - 353	37.1 - 49.5 (*)	60
CA 150 WE D E	16087	45 - 100	0.39 - 0.44	1230 - 2520	275 - 620	76 - 172	33 - 43	324 - 422	23.1 - 42.9 (**)	55
CA 160 WE D E	16088	45 - 100	0.39 - 0.44	1230 - 2520	280 - 660	78 - 183	36 - 45	353 - 441	22 - 37.5 (**)	55
CA 200 WE D E	16089	45 - 100	0.39 - 0.44	1310 - 2530	310 - 680	86 - 189	33 - 44	324 - 431	20.9 - 39.1 (**)	55

* 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.

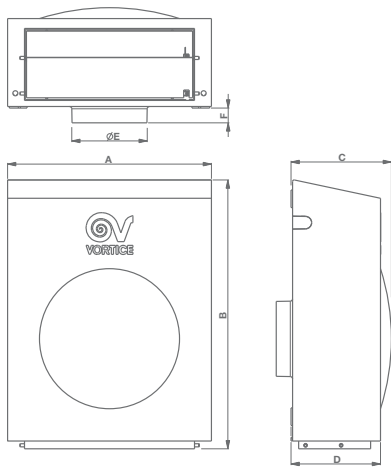
** Sound pressure level measured at 3 m in free field conditions with long-cased appliance in delivery mode in accordance with standard EN ISO 9614.

Electrical supply: 230 V ~ 50 Hz for CA WE D E models.
Electrical supply: 220/240 V ~ 50 Hz for CA WE D models.



DIMENSIONS

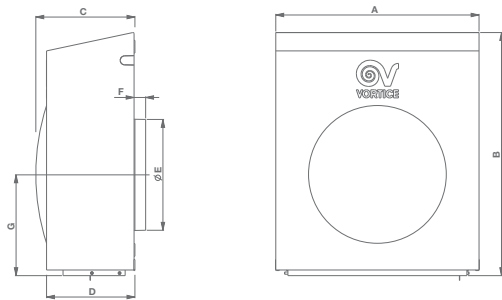
CA WE D



Models	A	B	C	D	Ø E	F	G	Kg
CA 100 WE D	262	345	127	113	97	20	-	4.6
CA 125 WE D								
CA 150 Q WE D								
CA 150 WE D E	360	430	173	155	147	178.5	6.7	
CA 160 WE D E					157			
CA 200 WE D E					197			

Dimensions (mm)









CA WE D E



SOUND LEVELS

Models	Code	125	250	500	1000	2000	4000	8000
CA 100 WE D	16091	61.9	65.8	62.2	62.1	61	59.5	50.6
CA 125 WE D	16092	59.7	64.5	62	61.7	60.6	58.4	49.8
CA 150 Q WE D	16093	65	62.5	60.3	61.5	60.7	59.4	51.1

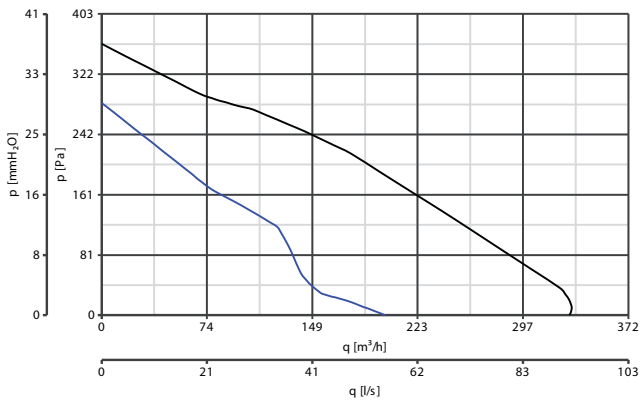
PRODUCT ACCESSORIES

Models	Description	Code	Product					
			CA 100 WE D code: 16091	CA 125 WE D code: 16092	CA 150 Q WE D code: 16093	CA 160 WE DE code: 16087	CA 160 WE DE code: 16088	CA 200 WE DE code: 16089
	C 1.5 Electronic speed controller	12966	●	●	●	●	●	●
	C 2.5 Electronic speed controller	12967	●	●	●	●	●	●
	SCB Built-in controller adaptor for C 1.5 and C 2.5	22481	12966 - 12967					
	C HCS Environmental sensor for humidity	12994	●	●	●	●	●	●
	C TEMP Environmental sensor for temperature	12992	●	●	●	●	●	●
	C SMOKE Environmental sensor for air quality	12993	●	●	●	●	●	●
	C PIR Passive infrared sensor	12998	●	●	●	●	●	●
	C TIMER Adjustable over-run timer	12999	●	●	●	●	●	●
	DUO Speed controller	22914	●	●	●			

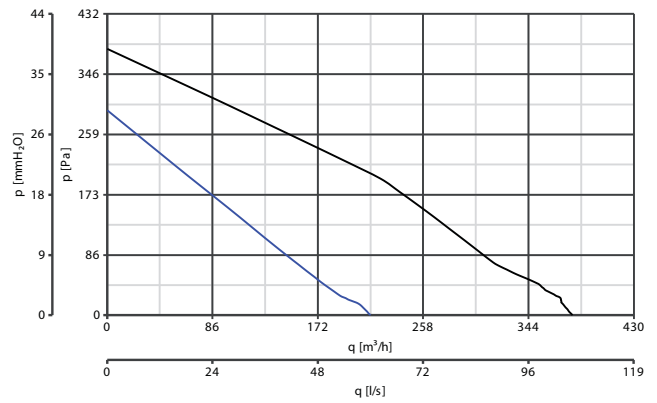
Description and sizes on page 236; System components on page 330.

PERFORMANCE CURVES

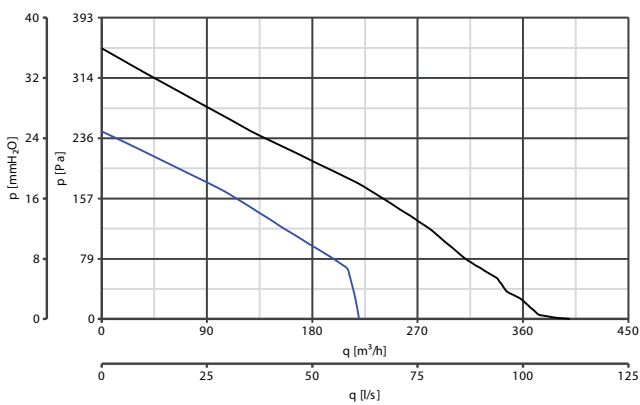
CA 100 WE D code 16091



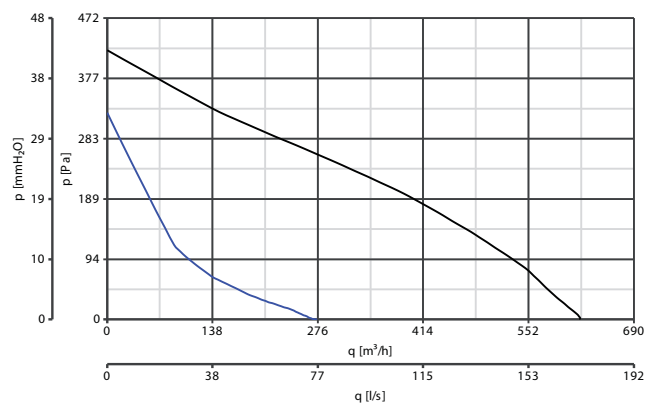
CA 125 WE D code 16092



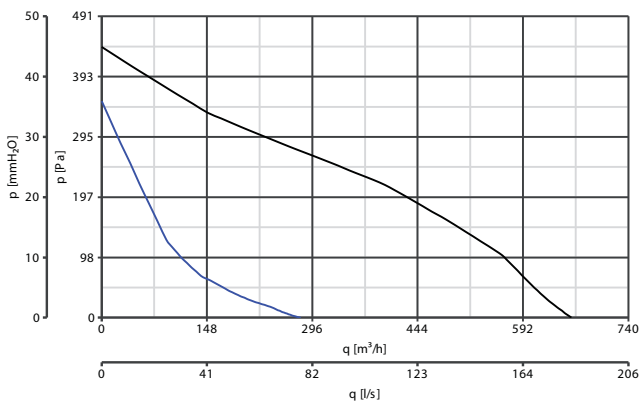
CA 150 Q WE D code 16093



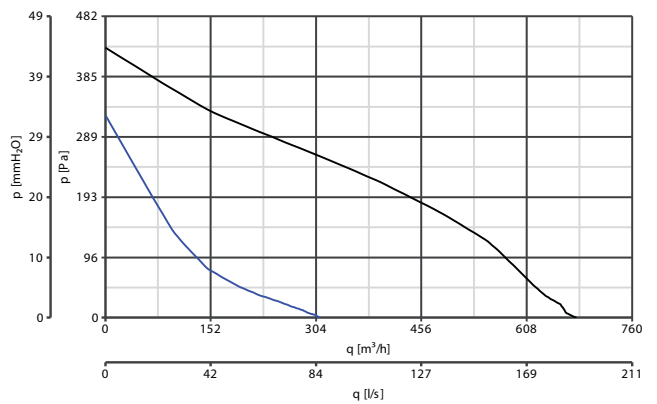
CA 150 WE D E code 16087



CA 160 WE D E code 16088



CA 200 WE D E code 16089



— min. — max.

NEW



CA MD E W RANGE

Centrifugal duct fans for wall mounting

Suitable for indoor wall-mounted applications at the end of ventilation ducts in residential and industrial environments as factories, hospitals, gyms, restaurants, etc...



- **8 models: CA 100 MD E W, CA 125 MD E W, CA 150 Q MD E W, CA 150 MD E W, CA 160 MD E W, CA 200 MD E W, CA 250 MD E W, CA 315 MD E W.**
- Stripped and phosphated steel structure, bands and bases, painted with polyester powder which is resistant to atmospheric agents.
- Induction motor manual reset thermal protection device for diameters 100, 125 and 150 Q.
- Induction motor with external rotor, manual reset thermal protection device for diameters 150, 160, 200, 250 and 315.
- High efficient, two speeds (offer two levels of airflow, pressure, noise emissions and consumption) ball bearing motors.
- Low noise emissions.
- Low specific consumption.
- Motor supports with built-in airflow direction flaps in resin plastic material with high structural strength.
- Wiring box in plastic material with high structural strength.
- Centrifugal impellers with reverse blades in charged PP for diameters 100, 125 and 150 Q, and in charged PA for diameters 150, 160, 200 and 250.
- Wide range of continuous operation temperatures between -25°C and +55°C.
- Protection rating: IP44.
- Insulation class: II. □

Wiring diagrams shown from page 458

TECHNICAL DATA

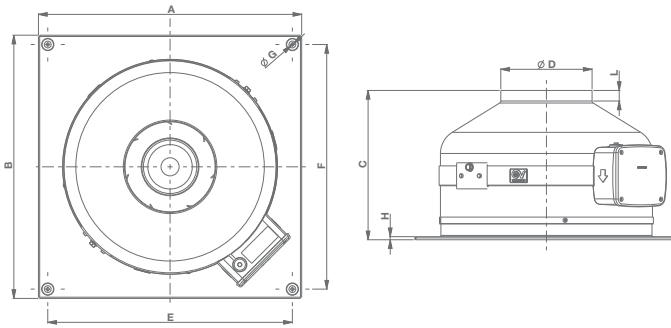
Models	Code	W min/max	A min/max	RPM min/max	Max Airflow		Max Pressure		Lp dB(A)* min/max	Max °C
					m³/h min/max	l/s min/max	mmH₂O min/max	Pa min/max		
CA 100 MD E W	16120	38 - 85	0.28 - 0.40	1520 - 2400	250 - 470	69 - 130	26 - 37	255 - 363	19.2 - 35.7	50
CA 125 MD E W	16121	38 - 85	0.28 - 0.40	1300 - 2350	300 - 490	83 - 136	23 - 36	225 - 353	25.5 - 39.4	50
CA 150 Q MD E W	16122	38 - 85	0.28 - 0.40	1460 - 2340	305 - 510	85 - 142	20 - 32	196 - 314	28.3 - 38.0	50
CA 150 MD E W	16133	45 - 85	0.37 - 0.38	1925 - 2690	480 - 630	133 - 175	37 - 43	363 - 422	41.4 - 53.3	55
CA 160 MD E W	16134	45 - 85	0.37 - 0.38	1785 - 2650	570 - 690	158 - 191	35 - 43	343 - 422	43.0 - 53.0	55
CA 200 MD E W	16135	45 - 90	0.37 - 0.40	1590 - 2590	590 - 870	164 - 241	39 - 45	382 - 441	37.9 - 48.2	55
CA 250 MD E W	16136	58 - 125	0.51 - 0.55	1450 - 2620	595 - 1000	165 - 278	40 - 54	392 - 530	31.6 - 50.8	55
CA 315 MD E W	16137	58 - 125	0.51 - 0.55	1500 - 2650	600 - 1050	167 - 292	37 - 56	363 - 549	41.2 - 51.4	55

* Sound pressure level measured at 3 m in free field conditions with long-cased appliance in delivery mode in accordance with standard EN ISO 9614.

Electrical supply: 230 V ~ 50 Hz.



DIMENSIONS



Models	A	B	C	Ø D	E	F	Ø G	H	L	Kg
CA 100 MD E W				97					15	3.3
CA 125 MD E W	334	334	210	122	304	304			23	3.3
CA 150 Q MD E W				147					30	3.3
CA 150 MD E W				147			5	5	17	5.5
CA 160 MD E W			245	157					18	5.5
CA 200 MD E W	424	424		197	394	394			20	5.5
CA 250 MD E W			237	247					38	6.1
CA 315 MD E W	489	489	260	312	459	459	5	5	36	11

Dimensions (mm)

PRODUCT ACCESSORIES

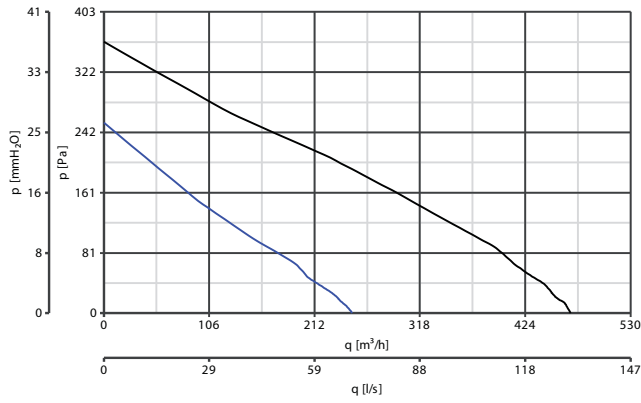
Models	Description	Code	Product							
			CA 100 MD E W code 16120	CA 125 MD E W code 16121	CA 150 Q MD E W code 16122	CA 150 MD E W code 16133	CA 160 MD E W code 16134	CA 200 MD E W code 16135	CA 250 MD E W code 16136	CA 315 MD E W code 16137
	C 1.5 Electronic speed controller 1.5 A	12966	●	●	●	●	●	●	●	●
	C 2.5 Electronic speed controller 2.5 A	12967	●	●	●	●	●	●	●	●
	SCB Built-in controller adaptor for C 1.5 and C 2.5	22481	12966 - 12967							
	C HCS Environmental sensor for humidity	12994	●	●	●	●	●	●	●	●
	C TEMP Environmental sensor for temperature	12992	●	●	●	●	●	●	●	●
	C SMOKE Environmental sensor for air quality	12993	●	●	●	●	●	●	●	●
	C PIR Passive infrared sensor	12998	●	●	●	●	●	●	●	●
	C TIMER Adjustable over-run timer	12999	●	●	●	●	●	●	●	●
	DUO Speed controller	22914	●	●	●					
	CA-G 100 Intake protection grille nominal diameter 100 mm	22750	●							
	CA-G 125 Intake protection grille nominal diameter 125 mm	22755		●						
	CA-G 150 Intake protection grille nominal diameter 150 mm	22760			●	●				
	CA-G 160 Intake protection grille nominal diameter 160 mm	22762					●			
	CA-G 200 Intake protection grille nominal diameter 200 mm	22765						●		
	CA-G 250 Intake protection grille nominal diameter 250 mm	22770							●	
	CA-G 315 Intake protection grille nominal diameter 315 mm	22775								●

Description and sizes on page 236; System components on page 330.

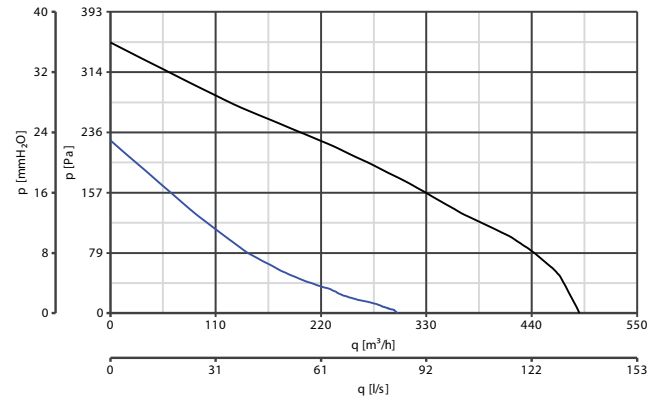


PERFORMANCE CURVES

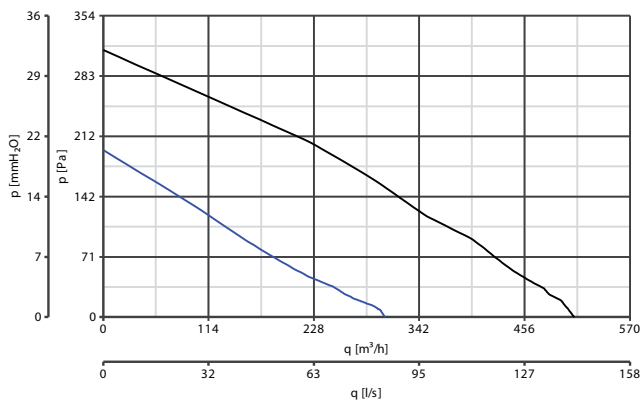
CA 100 MD E W code 16120



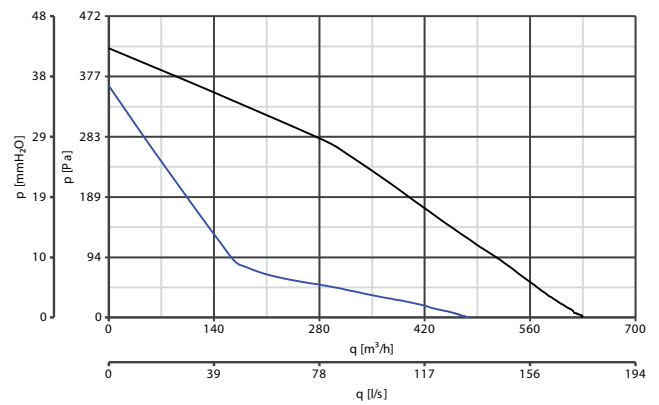
CA 125 MD E W code 16121



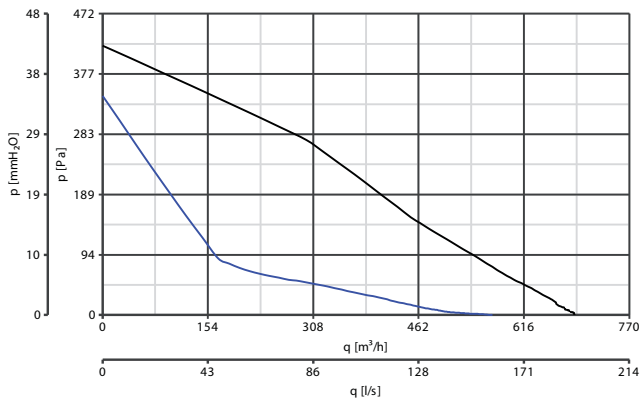
CA 150 Q MD E W code 16122



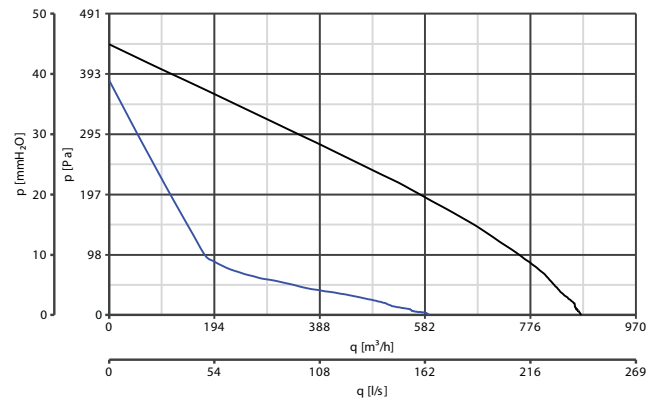
CA 150 MD E W code 16133



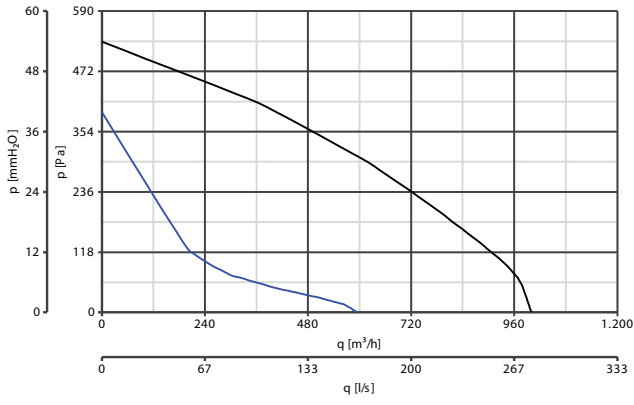
CA 160 MD E W code 16134



CA 200 MD E W code 16135

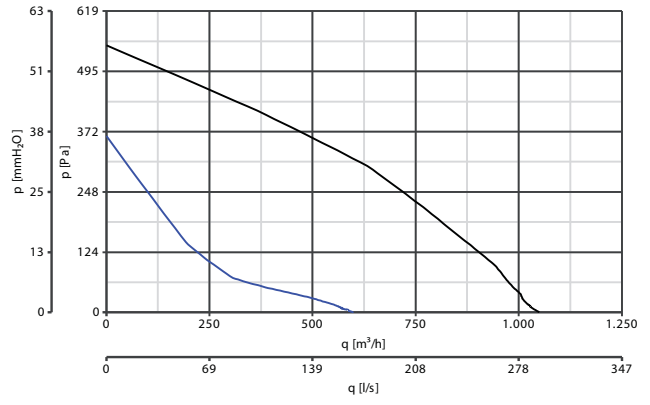


CA 250 MD E W code 16136



— min. — max.

CA 315 MD E W code 16137



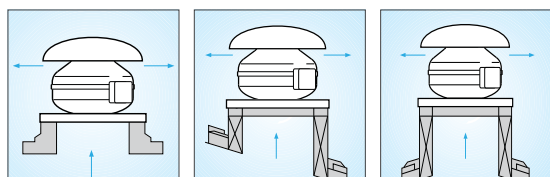
NEW



CA MD E RF RANGE

Centrifugal duct fans for roof mounting

Suitable for outdoor installation on roof at the end of ventilation ducts in residential and industrial environments as factories, hospitals, gyms, restaurants, etc...



- **8 models: CA 100 MD E RF, CA 125 MD E RF, CA 150 Q MD E RF, CA 150 MD E RF, CA 160 MD E RF, CA 200 MD E RF, CA 250 MD E RF, CA 315 MD E RF.**
- Stripped and phosphated steel structure, bands and bases, painted with polyester powder which is resistant to atmospheric agents.
- Induction motor with built-in rotor, manual reset thermal protection device for diameters 100, 125 and 150 Q.
- Induction motor with external rotor, manual reset thermal protection device for diameters 150, 160, 200, 250 and 315.
- Two speed motors (offer two levels of airflow, pressure, noise emissions and consumption).
- Low noise emissions.
- Low specific consumption.
- Motor supports with built-in airflow direction flaps in resin plastic material with high structural strength.
- Wiring box in plastic material with high structural strength.
- Anti-UV thermoplastic resin cover in grey.
- Anti-UV thermoplastic resin support in grey for diameters 100, 125, 150 and 160.
- Wide range of continuous operation temperatures between -25°C and +55°C.
- Protection rating: IP44 for model 150, 160, 200, 250, 315 CA MD E RF.
- Protection rating: IP45 for model 100, 125 and 150 Q CA MD E RF.
- Insulation class: II. □

Wiring diagrams shown from page 458

TECHNICAL DATA

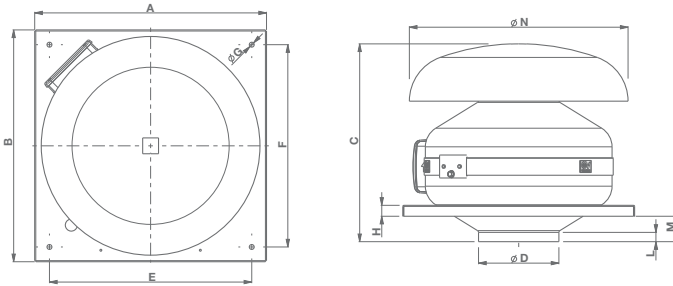
Models	Code	W min/max	A min/max	RPM min/max	Max Airflow		Max Prssure		Lp dB(A)* min/max	Max °C
					m³/h min/max	l/s min/max	mmH₂O min/max	Pa min/max		
CA 100 MD E RF	16140	38 - 85	0.28 - 0.40	1590 - 2430	180 - 280	50 - 78	32 - 41	314 - 402	27.3 - 37.5	50
CA 125 MD E RF	16141	38 - 85	0.28 - 0.40	1345 - 2400	220 - 380	61 - 106	26 - 38	255 - 373	21.1 - 40.2	50
CA 150 Q MD E RF	16142	38 - 85	0.28 - 0.40	1490 - 2370	250 - 400	69 - 111	21 - 32	206 - 314	23.8 - 37.5	50
CA 150 MD E RF	16183	35 - 88	0.34 - 0.39	1290 - 2650	235 - 480	65 - 133	33 - 44	324 - 431	24.6 - 43.8	55
CA 160 MD E RF	16184	40 - 88	0.36 - 0.39	1500 - 2640	310 - 530	86 - 147	34 - 43	333 - 422	30.4 - 44.8	55
CA 200 MD E RF	16185	40 - 95	0.36 - 0.41	1300 - 2560	350 - 710	97 - 197	41 - 46	402 - 451	23.0 - 31.7	55
CA 250 MD E RF	16186	58 - 130	0.51 - 0.57	1450 - 2600	440 - 850	122 - 236	50 - 55	490 - 539	28.6 - 43.8	55
CA 315 MD E RF	16187	58 - 130	0.51 - 0.57	1450 - 2630	450 - 900	125 - 250	50 - 58	490 - 569	32.8 - 40.7	55

* Sound pressure level measured at 3 m in free field conditions with long-cased appliance in delivery mode in accordance with standard EN ISO 9614.

Electric supply: 230 V ~ 50 Hz.



DIMENSIONS



Models	A	B	C	Ø D	E	F	Ø G	H	L	M	Ø N	Kg
CA 100 MD E RF				97					15			3.5
CA 125 MD E RF	334	334	305	122	280	280			23	35	300	3.5
CA 150 Q MD E RF				147					30			3.5
CA 150 MD E RF				147				9	17	47		5.8
CA 160 MD E RF	424	424	365	157	370	370			18		400	5.9
CA 200 MD E RF				197					20	49		6.1
CA 250 MD E RF			367	247					38	41		7.9
CA 315 MD E RF	489	489	415	312	435	435			36	65	534	14

Dimensions (mm)

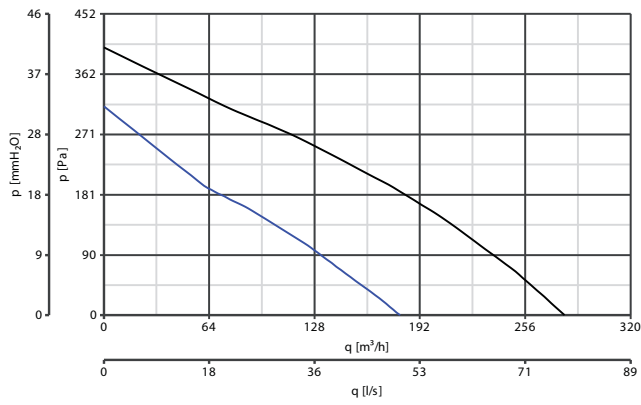
PRODUCT ACCESSORIES

Models	Description	Code	Product							
			CA 100 MD E RF code 16140	CA 125 MD E RF code 16141	CA 150 Q MD E RF code 16142	CA 150 MD E RF code 16183	CA 160 MD E RF code 16184	CA 200 MD E RF code 16185	CA 250 MD E RF code 16186	CA 315 MD E RF code 16187
	C 1.5 Electronic speed controller 1.5 A	12966	●	●	●	●	●	●	●	●
	C 2.5 Electronic speed controller 2.5 A	12967	●	●	●	●	●	●	●	●
	SCB Built-in controller adaptor for C 1.5 and C 2.5	22481	12966 - 12967							
	C HCS Environmental sensor for humidity	12994	●	●	●	●	●	●	●	●
	C TEMP Environmental sensor for temperature	12992	●	●	●	●	●	●	●	●
	C SMOKE Environmental sensor for air quality	12993	●	●	●	●	●	●	●	●
	C PIR Passive infrared sensor	12998	●	●	●	●	●	●	●	●
	C TIMER Adjustable over-run timer	12999	●	●	●	●	●	●	●	●
	DUO Speed controller	22914	●	●	●					
	CARF-C 125 Sub-frame	22543	●	●	●					
	CARF-C 150-160-200 Sub-frame	22544				●	●	●		
	CARF-C 250-315 Sub-frame	22545							●	●
	CA-G 100 Intake protection grille nominal diameter 100 mm	22750	●							
	CA-G 125 Intake protection grille nominal diameter 125 mm	22755		●						
	CA-G 150 Intake protection grille nominal diameter 150 mm	22760			●	●				
	CA-G 160 Intake protection grille nominal diameter 160 mm	22762					●			
	CA-G 200 Intake protection grille nominal diameter 200 mm	22765						●		
	CA-G 250 Intake protection grille nominal diameter 250 mm	22770							●	
	CA-G 315 Intake protection grille nominal diameter 315 mm	22771								●

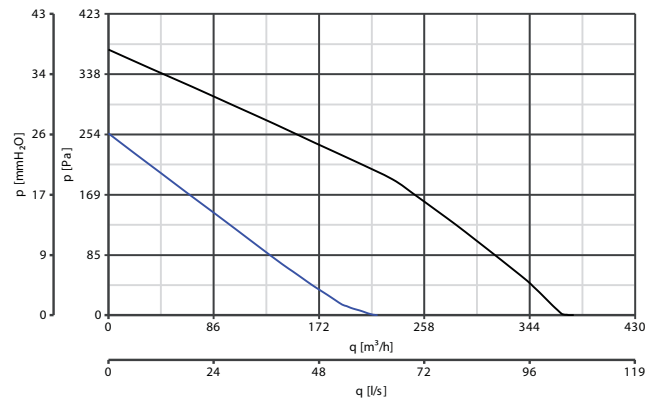
Description and sizes on page 236; System components on page 330.

PERFORMANCE CURVES

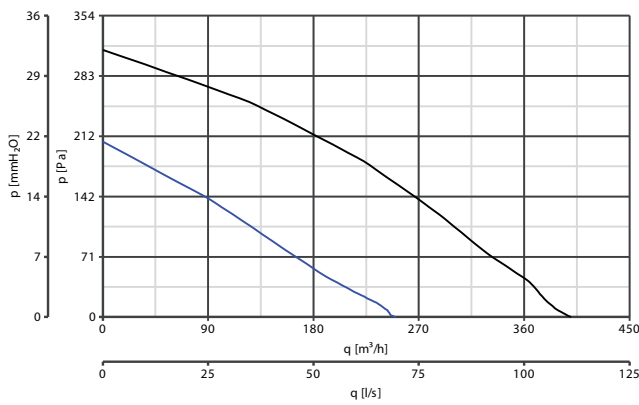
CA 100 MD E RF code 16140



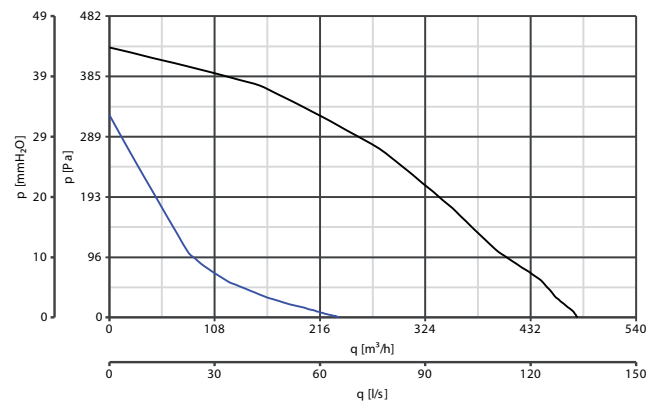
CA 125 MD E RF code 16141



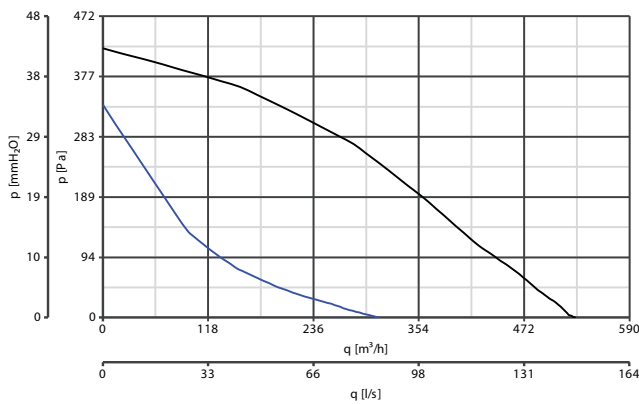
CA 150 Q MD E RF code 16142



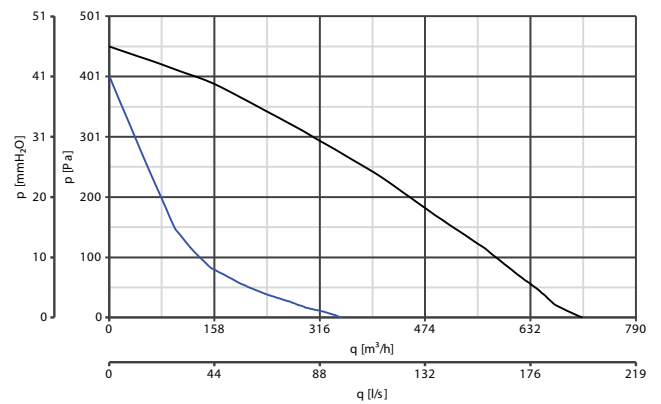
CA 150 MD E RF code 16183



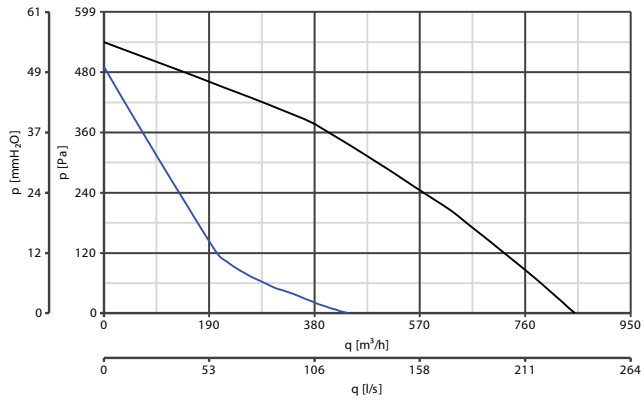
CA 160 MD E RF code 16184



CA 200 MD E RF code 16185

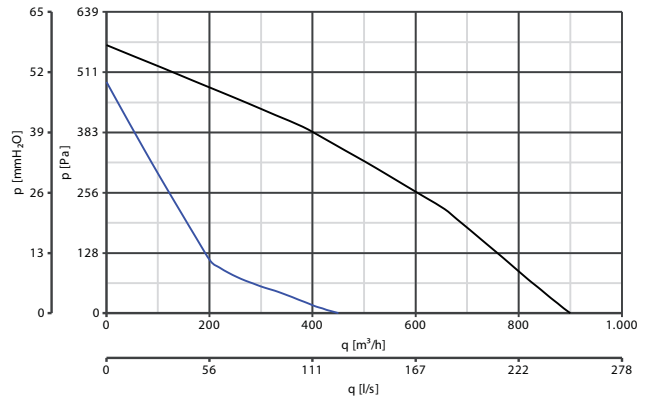


CA 250 MD E RF code 16186



— min. — max.

CA 315 MD E RF code 16187



NEW



LONG LIFE 30.000 h

LINEO ES RANGE

"Energy Saving" mixed flow extractor fans

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



- **8 models:** from 100 to 315 diameter.
- Enclosure and impellers made of self-extinguishing V0 mineral charged polypropylene.
- EC brushless motors.
- Ball bearing motors for at least 30.000 hours operation without mechanical malfunction.
- Two speeds.
- Controllable through Vortice environmental sensors and DUO two-speed controller.
- Protection rating: IP44 (inline installation).
- Insulation class: I ⊕ (for model LINEO ES 315).
- Insulation class: II. □



Wiring diagrams shown from page 458

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	min	max			
LINEO 100 Q ES	17036	4.5	7	0.05	0.08	1420	2120	90	145	25	40	3.6	8	35	78	21.0	33.3	60
		7	12	0.07	0.12	2125	2850	155	210	43	58	9	15	88	147	28.9	40.0	
		10	16.5	0.10	0.16	2560	3300	170	230	47	64	11	18	108	177	33.5	44.5	
LINEO 100 ES	17031	5.5	8	0.06	0.09	1320	1650	140	185	39	51	7	12	69	118	25.3	31.4	
		8	12	0.09	0.12	1620	2000	180	255	50	71	12	23	118	225	31.4	36.4	
		11	17	0.11	0.17	1920	2330	220	270	61	75	17	26	167	255	35.7	40.8	
LINEO 125 ES	17032	6.5	10.5	0.07	0.11	1285	1660	190	270	53	75	9	16	88	157	28.9	35.1	
		10	17	0.10	0.17	1600	2040	250	365	69	101	15	29	147	284	34.8	40.3	
		13.5	24	0.13	0.22	1870	2370	300	380	83	105	20	33	196	324	39.3	44.4	
LINEO 150 ES	17033	10	22	0.10	0.20	1340	1875	325	440	90	122	15	28	147	275	35.0	44.1	
		15	35	0.15	0.31	1630	2230	385	550	107	153	22	43	216	422	41.6	47.1	
		22	52	0.20	0.44	1870	2560	465	620	129	172	31	53	304	520	46.0	53.2	
LINEO 160 ES	17034	10	23	0.10	0.21	1300	1900	325	450	90	125	15	28	147	275	33.8	44.6	
		15	38	0.15	0.33	1560	2290	385	570	107	158	22	43	216	422	39.2	47.7	
		22	55	0.20	0.45	1830	2620	465	630	129	175	31	53	304	520	45.7	54.1	
LINEO 200 ES	17037	22	34	0.21	0.32	1990	2330	620	760	172	211	13	19	127	186	39.4	44.3	
		36	57	0.33	0.50	2400	2820	750	1000	208	278	19	27	186	265	44.8	46.2	
		53	74	0.47	0.63	2750	3120	870	1080	242	300	25	37	245	363	45.3	47.5	
LINEO 250 ES	17038	27	59	0.26	0.54	1720	2280	650	850	180	236	19	34	186	333	43.0	50.9	
		45	95	0.42	0.83	2100	2750	800	1150	222	319	29	51	284	500	47.4	55.0	
		65	124	0.59	1.06	2400	3010	920	1250	255	347	37	65	363	637	50.4	57.3	
LINEO 315 ES	17039	119	240	0.83	1.60	1800	2350	1400	1900	530	389	40	70	392	686	54.1	64.9	50

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

Electric supply: 230 V ~ 50 Hz.



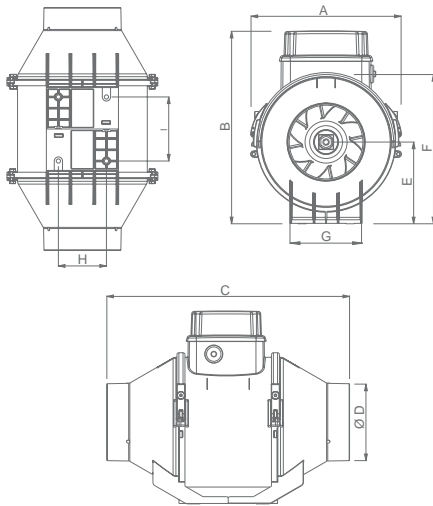
ErP data

Directive 2009/125/EC ErP (Energy related Products)

Models	Code	Measurement cat.	Efficiency cat.	Year of construction	Variable drive	η	N.	(kW) Pe	BEP*			Spec. ratio <1.04
									m ³ /h q	Pa p	RPM	
LINEO 315 ES	17039	C	STATIC	01-01-2013	YES	37.80	54.4	0.261	1061.2	296.95	2350	YES

* Best efficiency point.







DIMENSIONS



Models	A	B	C	Ø D	E	F	G	H	I	Kg
LINEO 100 Q ES	156	205	231	96	82	152	95	51.5	47.5	1.5
LINEO 100 ES	188.5	240	303	96	101.5	189	90	60	80	1.9
LINEO 125 ES	188.5	240	258	122	101.5	189	90	60	80	1.8
LINEO 150 ES	214.5	265	294	146	112.5	212	110	60	80	2.2
LINEO 160 ES	214.5	265	272.5	156	112.5	212	110	60	80	2.1
LINEO 200 ES	234.5	290	300	196	125.5	235	140	94	100	2.5
LINEO 250 ES	300	350	385	247	152.5	292	176.5	140	145	5.3
LINEO 315 ES	361.5	460	448	312	188.5	359	220.5	178	182	9.5

Dimensions (mm)

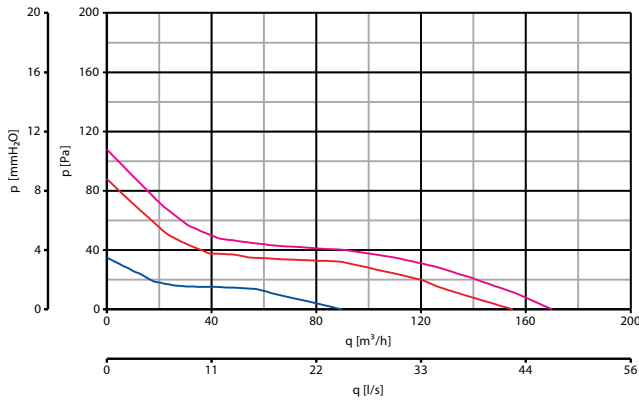
PRODUCT ACCESSORIES

Models	Description	Code	Product							
			LINEO 100 Q ES code 17036	LINEO 100 ES code 17031	LINEO 125 ES code 17032	LINEO 150 ES code 17033	LINEO 160 ES code 17034	LINEO 200 ES code 17037	LINEO 250 ES code 17038	LINEO 315 ES code 17039
	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	●	●	●	●	●	●	●	●

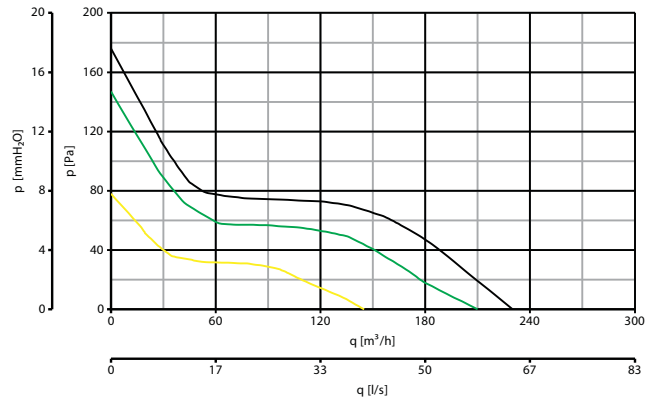
Description and sizes on page 236; System components on page 330.

PERFORMANCE CURVES

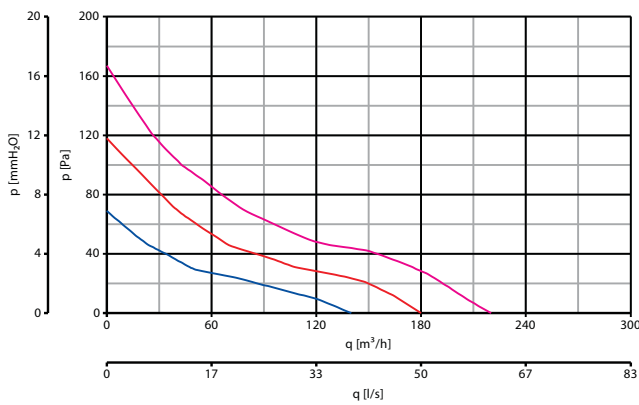
LINEO 100 Q ES code 17036 - min speed



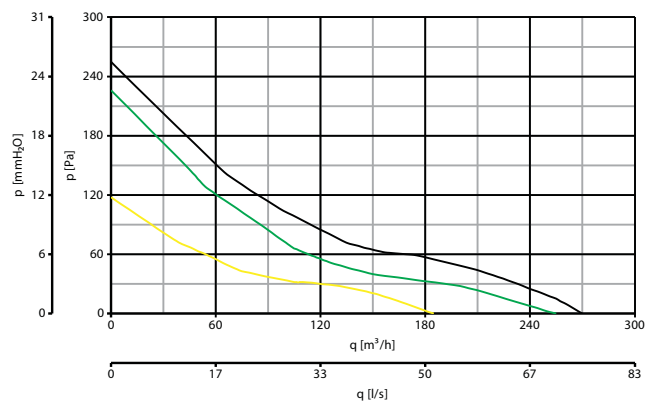
LINEO 100 Q ES code 17036 - max speed



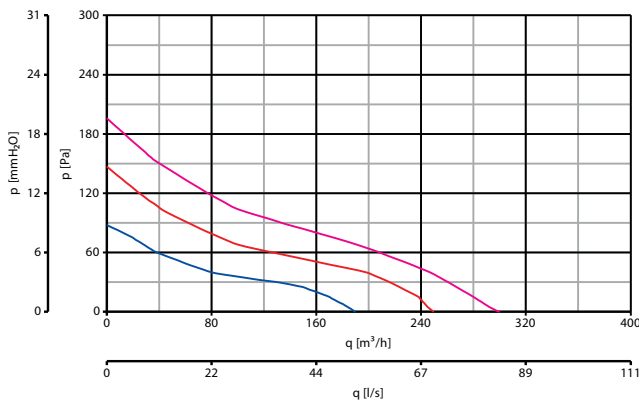
LINEO 100 ES code 17031 - min speed



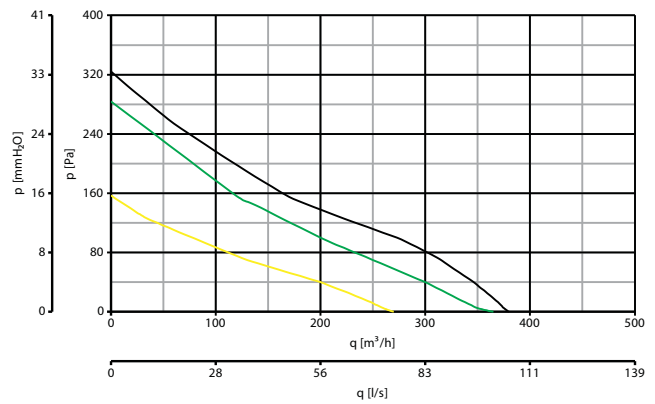
LINEO 100 ES code 17031 - max speed



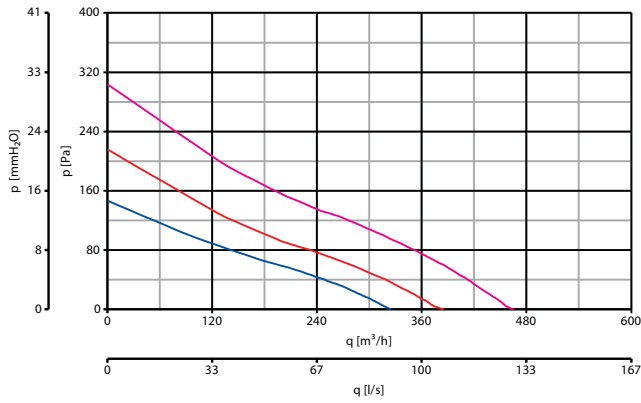
LINEO 125 ES code 17032 - min speed



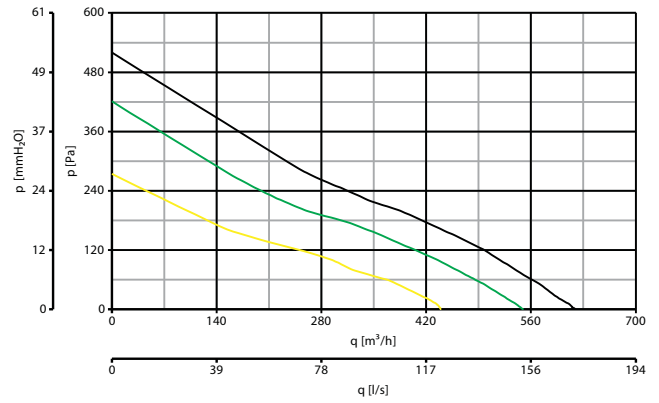
LINEO 125 ES code 17032 - max speed



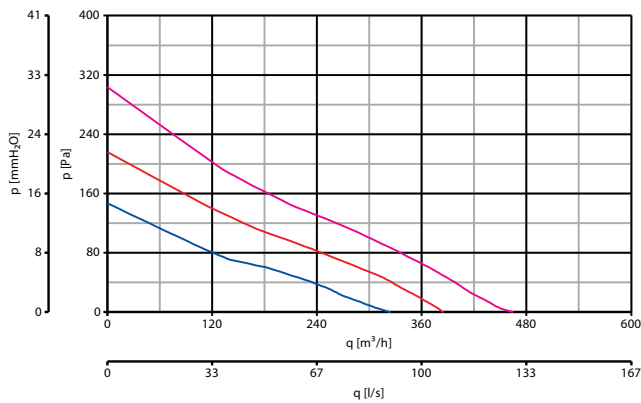
LINEO 150 ES code 17033 - min speed



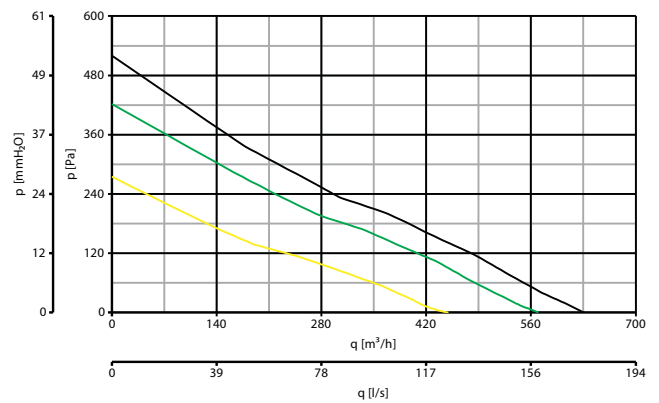
LINEO 150 ES code 17033 - max speed



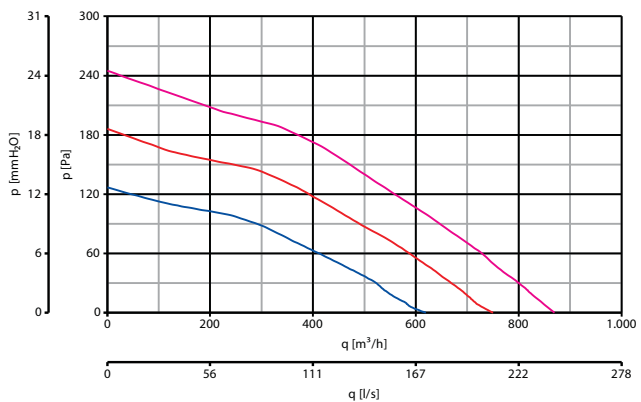
LINEO 160 ES code 17034 - min speed



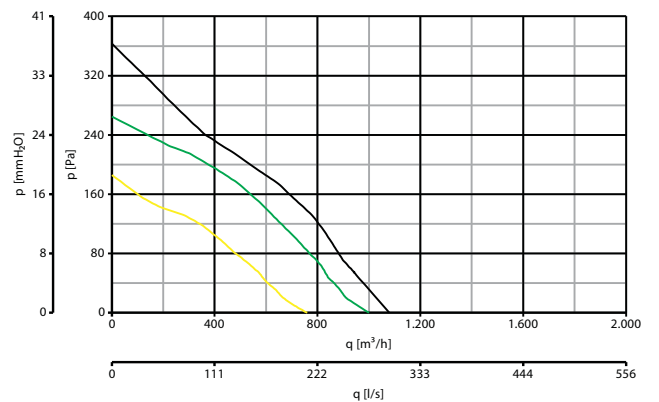
LINEO 160 ES code 17034 - max speed

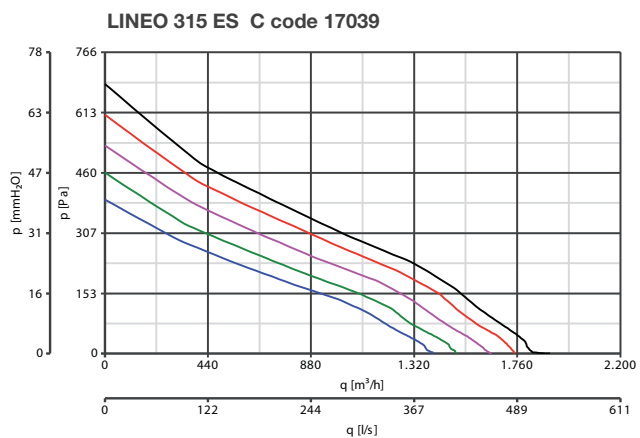
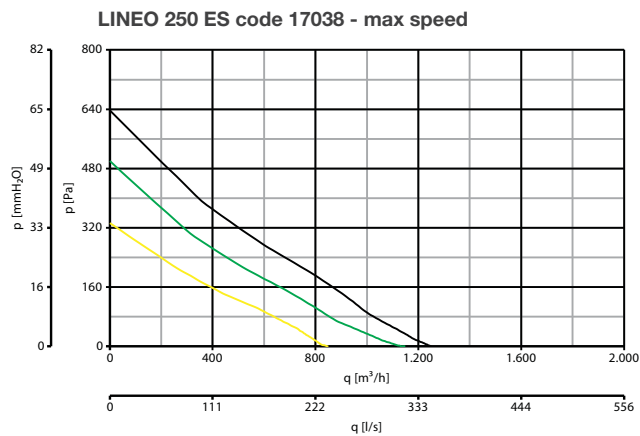
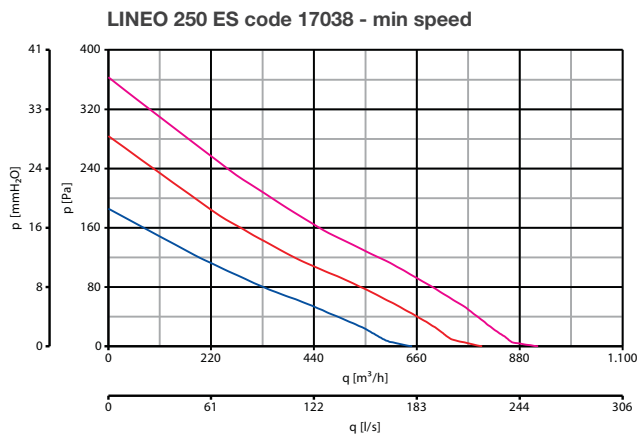


LINEO 200 ES code 17037 - min speed



LINEO 200 ES code 17037 - max speed





- | | | | | |
|------------------|---|------------------|--|---------------------|
| min speed | — min. setting | max speed | — min. setting | p = static pressure |
| | — nominal setting | | — nominal setting | |
| | — max. setting | | — max. setting | |



NEW



TIMER

LONG LIFE 30.000 h



VORTICE LINEO V0 RANGE

In-line mixed flow fans

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

- **18 models:** from 100 to 315 diameter.
- Enclosure and impellers made of self-extinguishing V0 mineral charged polypropylene.
- Ball bearing motors; motors 30.000 hours operation without mechanical malfunction.
- Two speeds.
- 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).
- Wide range of continuous operation temperatures between -25°C and +60°C.
- Protection rating: IP44.
- Insulation class: II. □

Wiring diagrams shown from page 458

TECHNICAL DATA

Models	Code	W		A		RPM		Max Airflow				Max Pressure				Lp dB(A)*		Max °C
		min	max	min	max	min	max	m³/h	l/s	mmH₂O	Pa	min	max	min	max			
VORTICE 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
VORTICE LINEO 100 Q T V0	17025																	
VORTICE 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	
VORTICE LINEO 100 T V0	17021																	
VORTICE 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	
VORTICE LINEO 125 T V0	17022																	
VORTICE 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	
VORTICE LINEO 150 T V0	17023																	
VORTICE 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	
VORTICE LINEO 160 T V0	17024																	
VORTICE 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	
VORTICE LINEO 200 Q T V0	17028																	
VORTICE 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	
VORTICE LINEO 250 Q T V0	17029																	
VORTICE LINEO 200 V0	17006	98	145	0.43	0.64	1580	2140	790	1060	219.4	294.4	29	33	284.5	323.7	46.2	52.5	
VORTICE LINEO 200 T V0	17026																	
VORTICE LINEO 250 V0	17009	110	180	0.48	0.78	1900	2550	990	1350	275	375	36	53	353.5	519.9	51.4	59.1	
VORTICE LINEO 315 V0	17010	200	300	0.90	1.32	1780	2450	1740	2300	483.3	638.9	43.5	75	426.7	735.8	50.6	63.4	

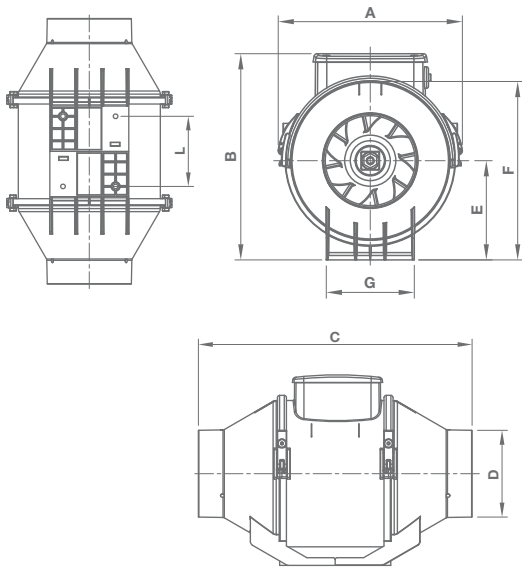
Available only for the Extra EU market**

* 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

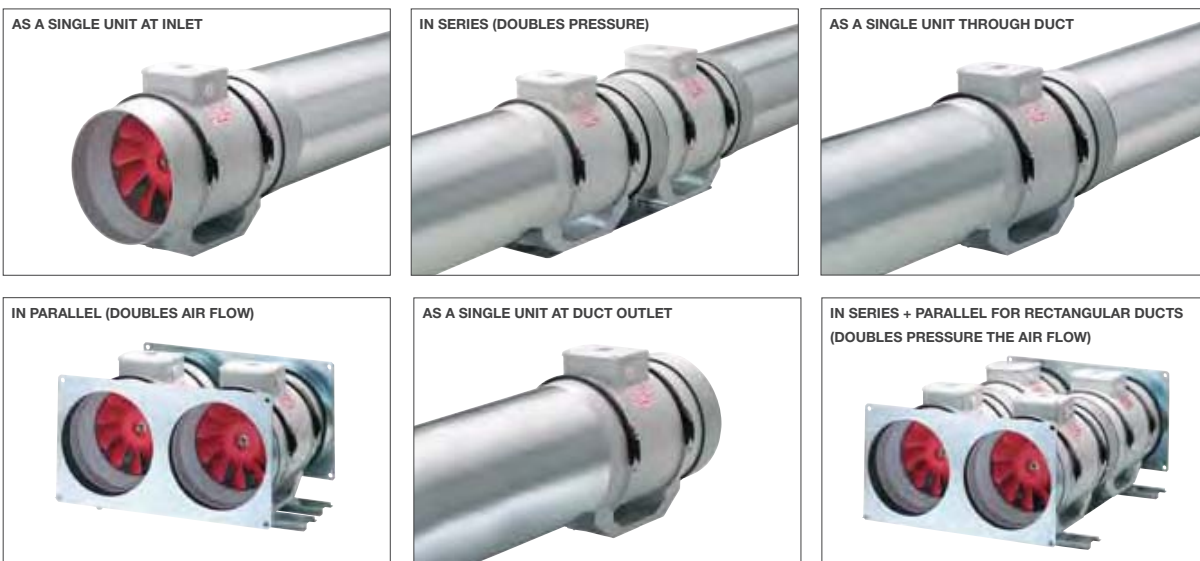


Models	A	B	C	Ø D	E	F	G	L	Kg
VORTICE LINEO 100 Q V0	156	174	231	96	82	152	95	47.5	1.25
VORTICE LINEO 100 Q T V0									
VORTICE LINEO 100 V0	188.5	211	303	96	101.5	189	90	80	1.8
VORTICE LINEO 100 T V0									
VORTICE LINEO 125 V0	188.5	211	258	122	101.5	189	90	80	1.8
VORTICE LINEO 125 T V0									
VORTICE LINEO 150 V0	214.5	234	294	146	112.5	212	110	80	2.4
VORTICE LINEO 150 T V0									
VORTICE LINEO 160 V0	214.5	234	272.5	156	112.5	212	110	80	2.4
VORTICE LINEO 160 T V0									
VORTICE LINEO 200 Q V0	234.5	260.5	300	196	125.5	235	140	100	4.3
VORTICE LINEO 200 Q T V0									
VORTICE LINEO 250 Q V0	300	317	385	247	152.5	292	176.5	145	5.8
VORTICE LINEO 250 Q T V0									
VORTICE LINEO 315 V0	361.5	394.5	448	312	188.5	359	220.5	182	11.3

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
VORTICE LINEO 100 Q V0	17005	25	29
VORTICE LINEO 100 Q T V0	17025		
VORTICE LINEO 100 V0	17001	25	30
VORTICE LINEO 100 T V0	17021		
VORTICE LINEO 125 V0	17002	27	33
VORTICE LINEO 125 T V0	17022		
VORTICE LINEO 150 V0	17003	28	33
VORTICE LINEO 150 T V0	17023		
VORTICE LINEO 160 V0	17004	28	34
VORTICE LINEO 160 T V0	17024		
VORTICE LINEO 200 Q V0	17007	30	36
VORTICE LINEO 200 Q T V0	17028	30	36
VORTICE LINEO 200 V0	17006	46.2	52.5
VORTICE LINEO 200 T V0	17026		
VORTICE LINEO 250 Q V0	17027	38	40
VORTICE LINEO 250 Q T V0	17029	38	40
VORTICE LINEO 250 V0	17009	51.4	59.1
VORTICE LINEO 315 V0	17010	50.6	63.4




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)
VORTICE LINEO 100 Q V0	17005	45.6	56.5	55.5	55.6	47.4	44.3	33.6	58.5
VORTICE LINEO 100 Q T V0	17025								
VORTICE LINEO 100 V0	17001	52.3	62.3	58.6	53.5	51.0	42.6	34.0	60
VORTICE LINEO 100 T V0	17021								
VORTICE LINEO 125 V0	17002	51.4	61.8	59.5	59.6	56.8	48.6	40.5	63.6
VORTICE LINEO 125 T V0	17022								
VORTICE LINEO 150 V0	17003	60.5	68.3	67.8	63.7	66.7	55.6	45.8	71.1
VORTICE LINEO 150 T V0	17023								
VORTICE LINEO 160 V0	17004	59.1	68.9	66.7	64.4	67.0	57.8	48.4	71.3
VORTICE LINEO 160 T V0	17024								
VORTICE LINEO 200 Q V0	17007	64.2	69.6	66.5	62.8	63.5	55.2	47.3	69.5
VORTICE LINEO 200 Q T V0	17028								
VORTICE LINEO 200 V0	17006	68.6	68.6	71.2	69.1	70.7	66.3	57.4	75.7
VORTICE LINEO 200 T V0	17026								
VORTICE LINEO 250 Q V0	17027	65.8	75.1	71.5	74.0	66.7	60.8	52.5	76.5
VORTICE LINEO 250 Q T V0	17029								
VORTICE LINEO 250 V0	17009	69.0	73.1	77.2	76.0	72.3	62.9	55.1	79.7
VORTICE LINEO 315 V0	17010	73.3	78.4	79.	81.1	76.5	67.6	59.6	83.9













ACCESSORIES FOR SERIES AND PARALLEL INSTALLATION

Models	Description	Code	Product																	
			VORTICE LINEO 100 Q V0 code 17005	VORTICE LINEO 100 Q T V0 code 17025	VORTICE LINEO 100 V0 code 17001	VORTICE LINEO 100 T V0 code 17021	VORTICE LINEO 125 V0 code 17002	VORTICE LINEO 125 T V0 code 17022	VORTICE LINEO 150 V0 code 17003	VORTICE LINEO 150 T V0 code 17023	VORTICE LINEO 160 V0 code 17004	VORTICE LINEO 160 T V0 code 17024	VORTICE LINEO 200 Q V0 code 17007	VORTICE LINEO 200 Q T V0 code 17028	VORTICE LINEO 200 V0 code 17006	VORTICE LINEO 200 T V0 code 17026	VORTICE LINEO 250 Q V0 code 17027	VORTICE LINEO 250 Q T V0 code 17029	VORTICE LINEO 250 V0 code 17009	VORTICE LINEO 315 V0 code 17010
	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 250 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 236; System components on page 330.

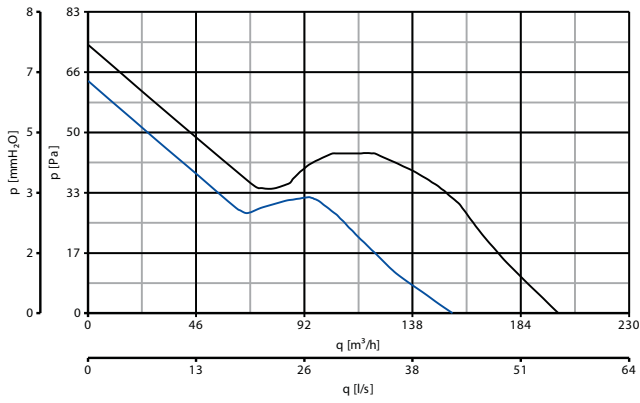
PRODUCT ACCESSORIES

Models	Description	Code	Product																	
			VORTICE LINEO 100 Q V0 code 17005	VORTICE LINEO 100 Q T V0 code 17025	VORTICE LINEO 100 V0 code 17001	VORTICE LINEO 100 T V0 code 17021	VORTICE LINEO 125 V0 code 17002	VORTICE LINEO 125 T V0 code 17022	VORTICE LINEO 150 V0 code 17003	VORTICE LINEO 150 T V0 code 17023	VORTICE LINEO 160 V0 code 17004	VORTICE LINEO 160 T V0 code 17024	VORTICE LINEO 200 Q V0 code 17007	VORTICE LINEO 200 Q T V0 code 17028	VORTICE LINEO 200 V0 code 17006	VORTICE LINEO 200 T V0 code 17026	VORTICE LINEO 250 Q V0 code 17027	VORTICE LINEO 250 Q T V0 code 17029	VORTICE LINEO 250 V0 code 17009	VORTICE LINEO 315 V0 code 17010
	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	●		●		●		●		●		●		●		●		●	●
	KIT SCB Built-in controller adaptors for C 1.5 and C 2.5	22481	12966 - 12967																	
	KIT SCB5 Built-in controller adaptors for C5 0.5	22483	12987																	
	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															●	●	●	●

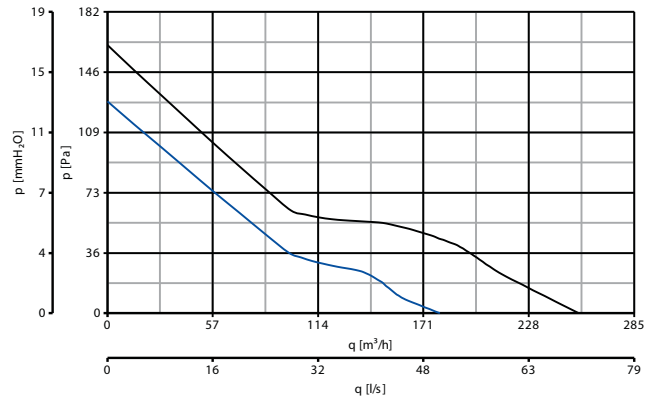
Description and sizes on page 236; System components on page 330.

PERFORMANCE CURVES

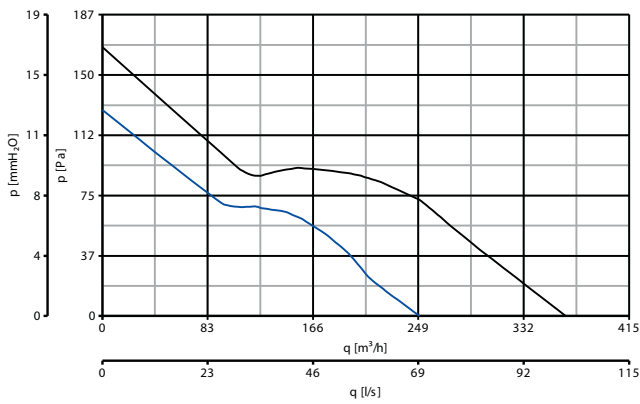
LINEO 100 Q V0 code 17005 - LINEO 100 Q T V0 code 17025



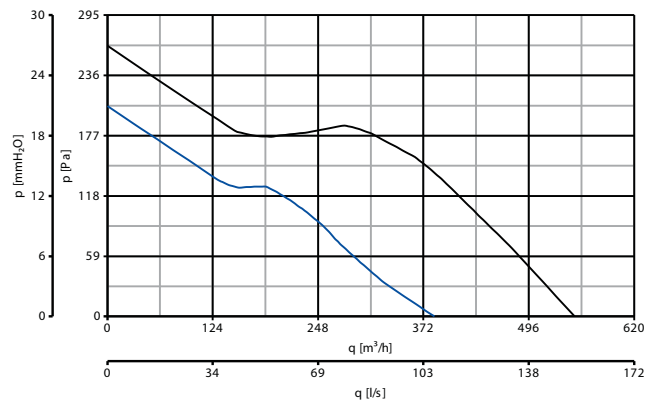
LINEO 100 V0 code 17001 - LINEO 100 T V0 code 17021



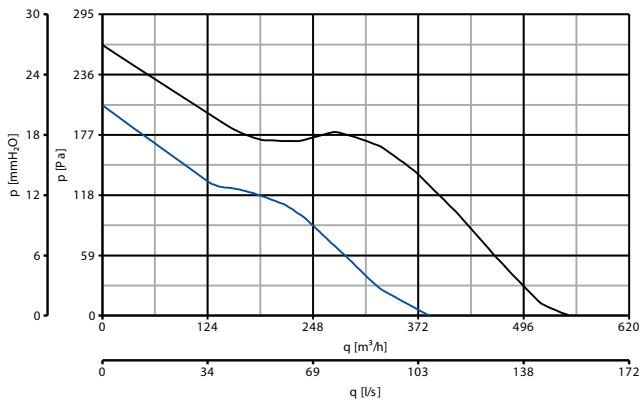
LINEO 125 V0 code 17002 - LINEO 125 T V0 code 17022



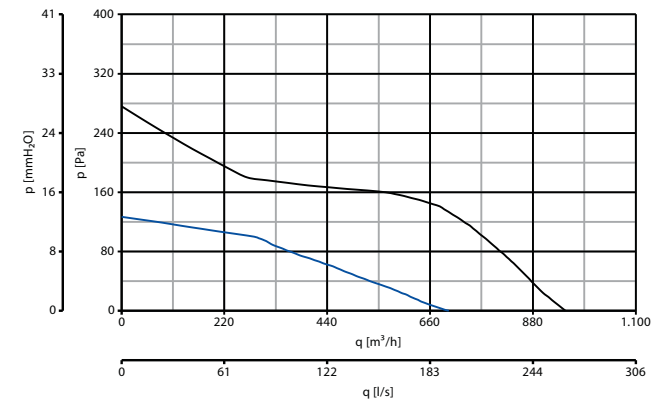
LINEO 150 V0 code 17003 - LINEO 150 T V0 code 17023

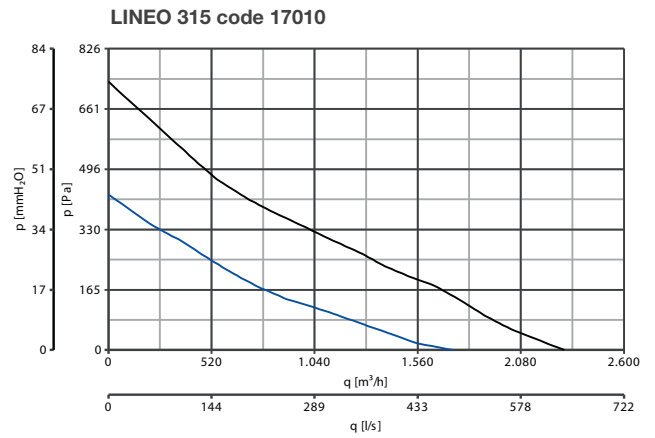
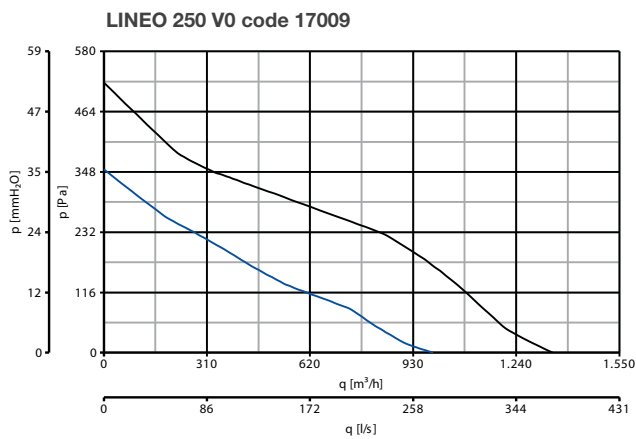
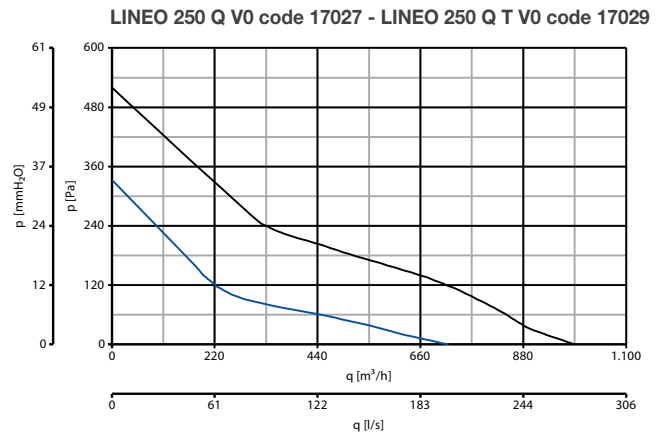
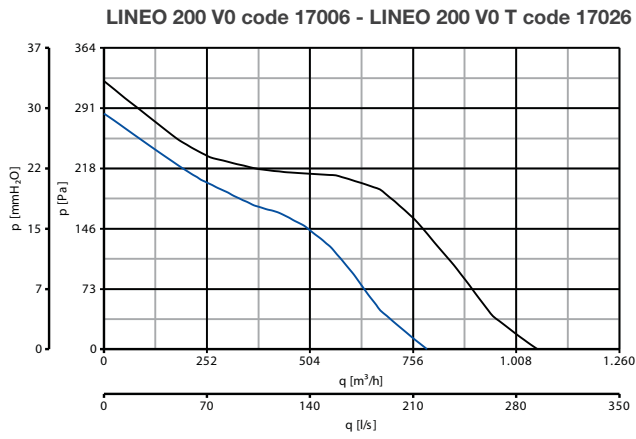


LINEO 160 V0 code 17004 - LINEO 160 T V0 code 17024



LINEO 200 Q V0 code 17007 - LINEO 200 Q T V0 code 17028

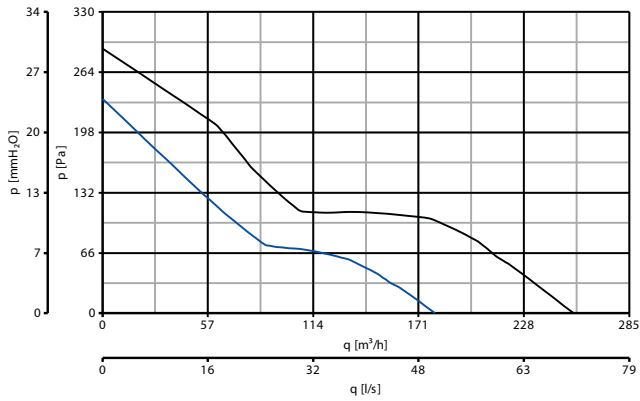




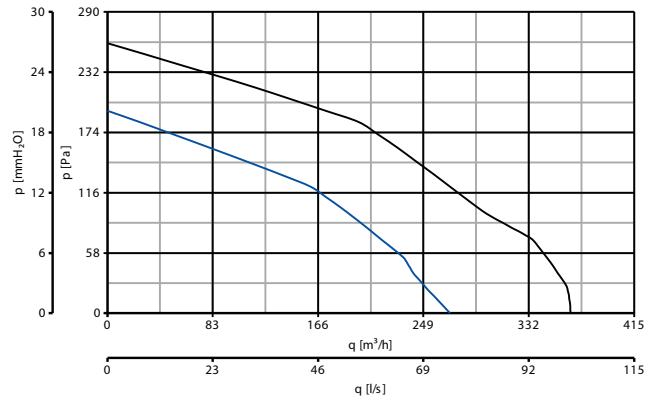
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IN SERIES PERFORMANCE CURVES

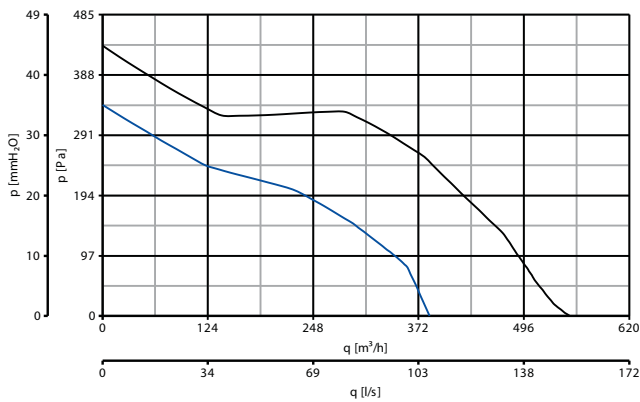
LINEO 100 V0



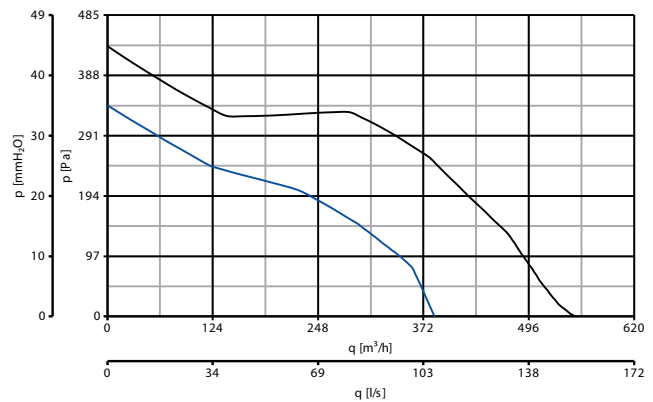
LINEO 125 V0



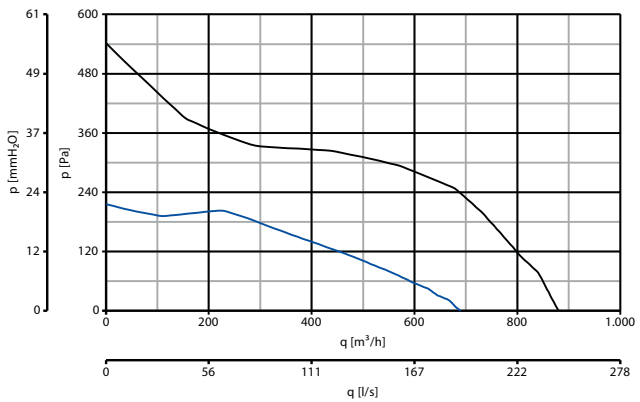
LINEO 150 V0



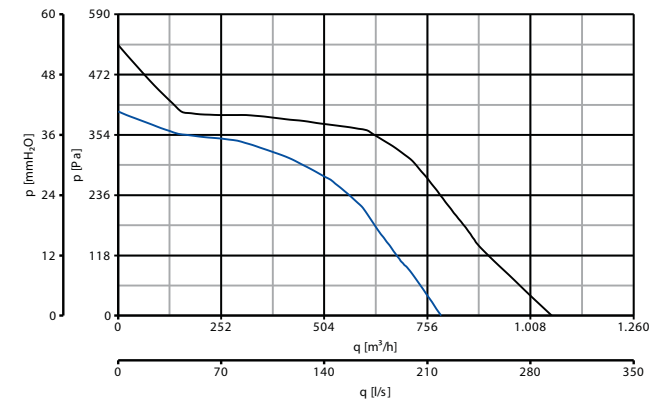
LINEO 160 V0

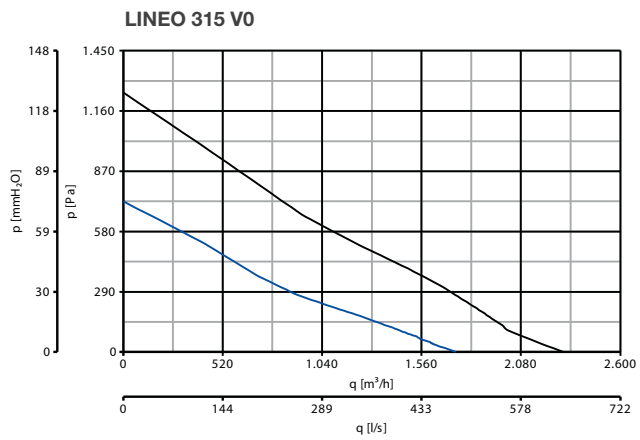
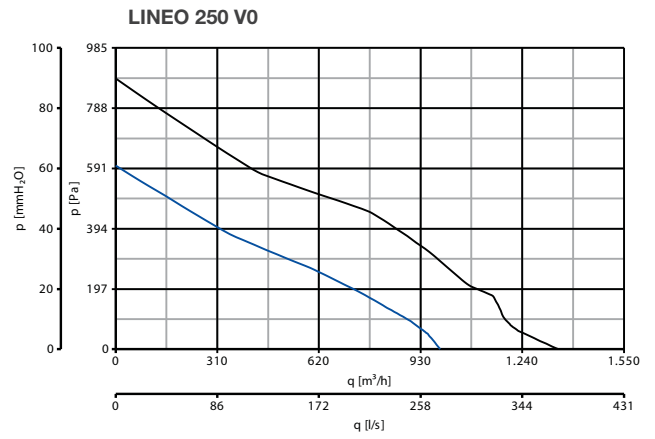
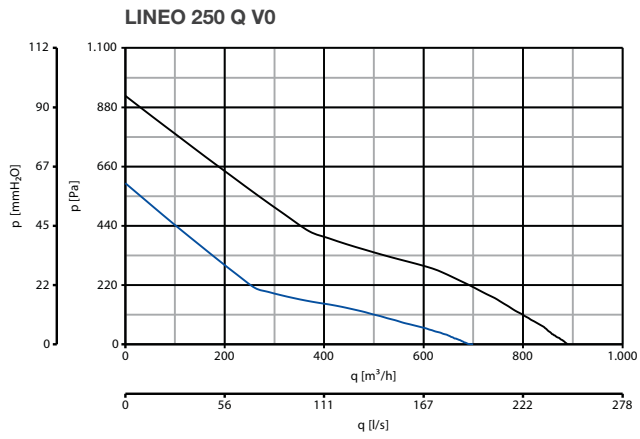


LINEO 200 Q V0



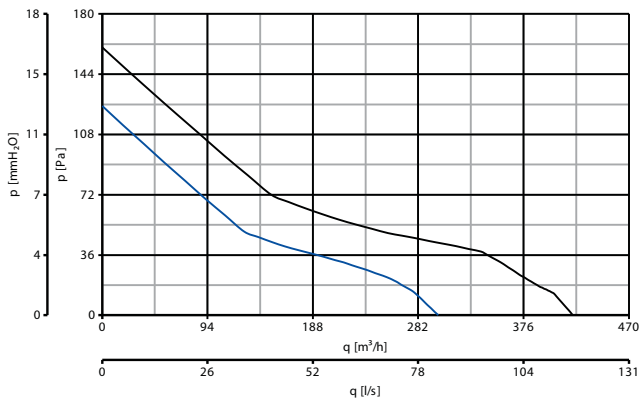
LINEO 200 V0



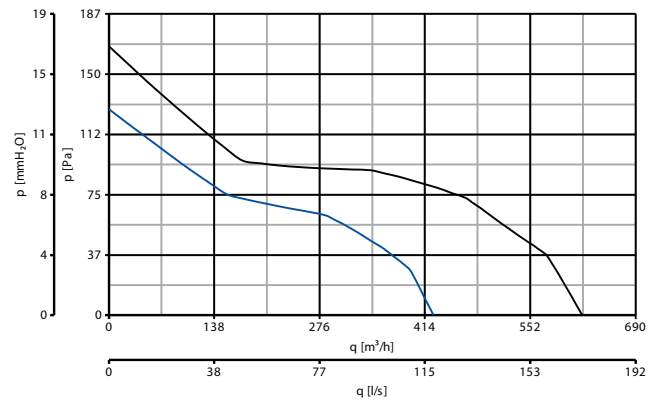


IN PARALLEL PERFORMANCE CURVES

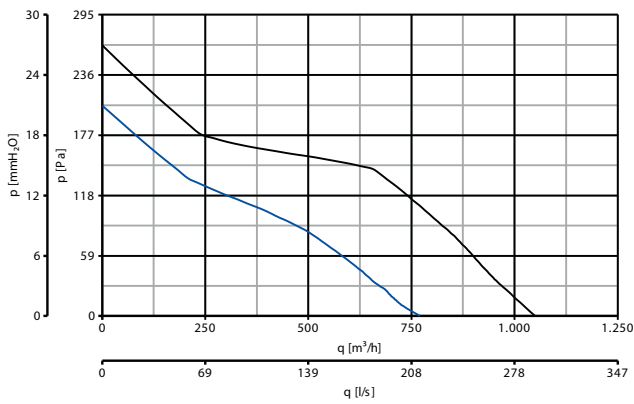
LINEO 100 V0



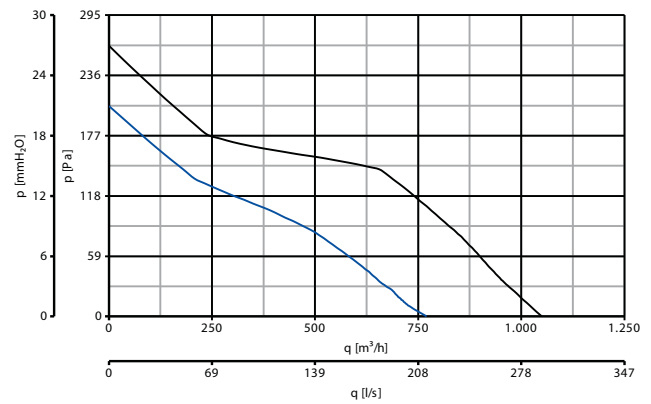
LINEO 125 V0



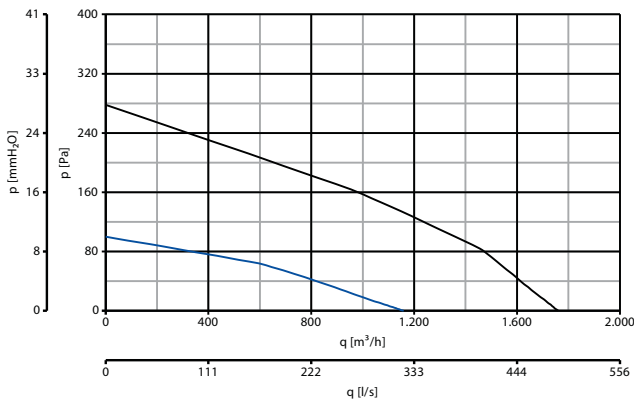
LINEO 150 V0



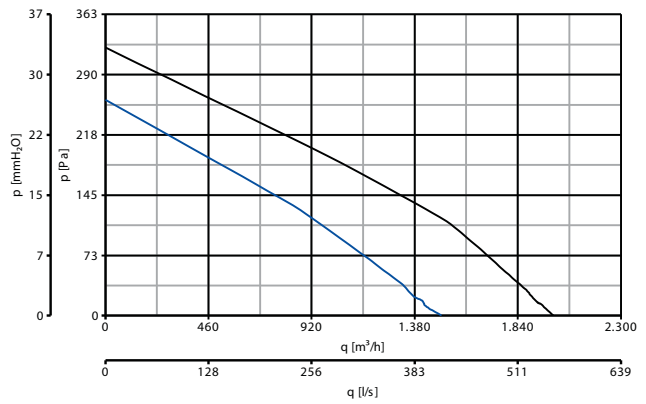
LINEO 160 V0

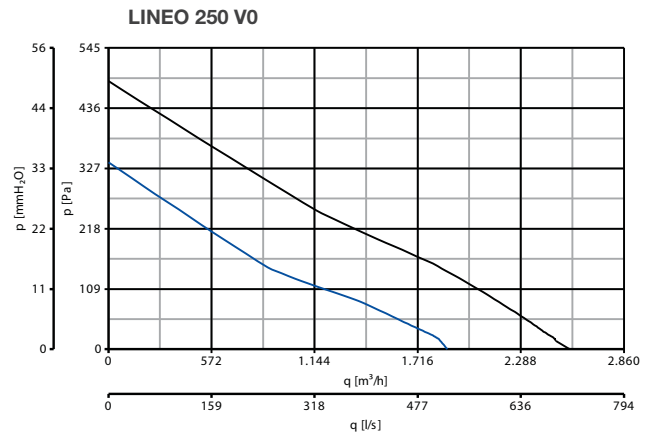
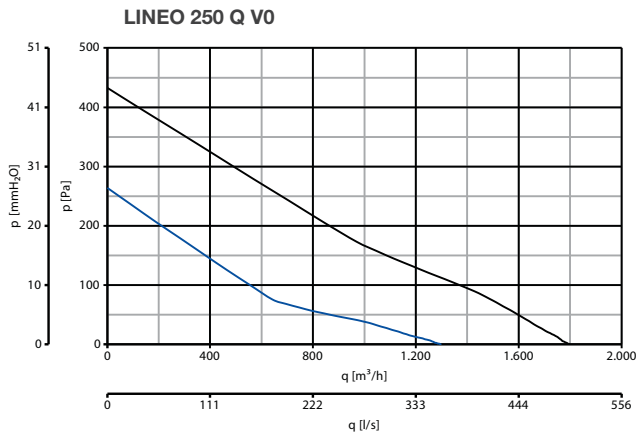


LINEO 200 Q V0

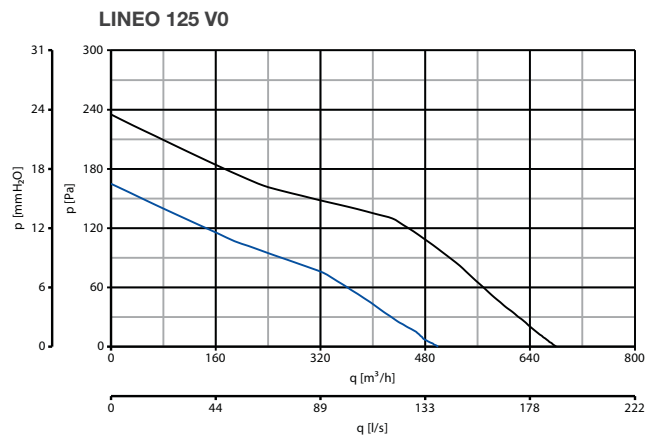
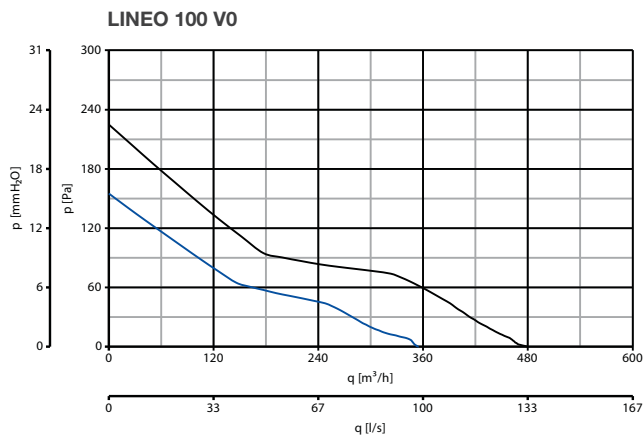


LINEO 200 V0

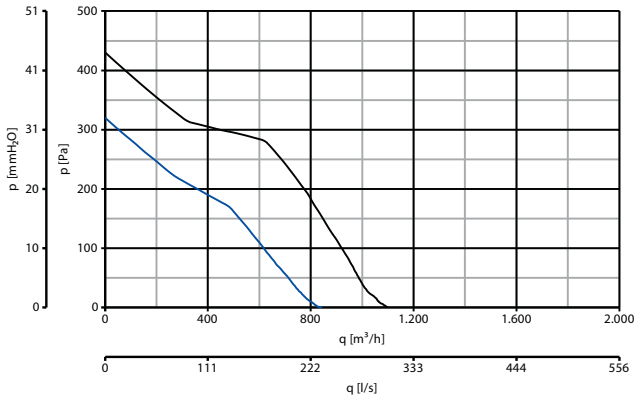




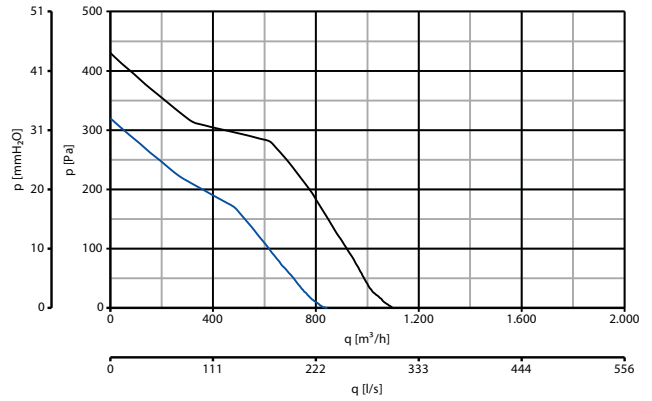
IN SERIES + PARALLEL PERFORMANCE CURVES



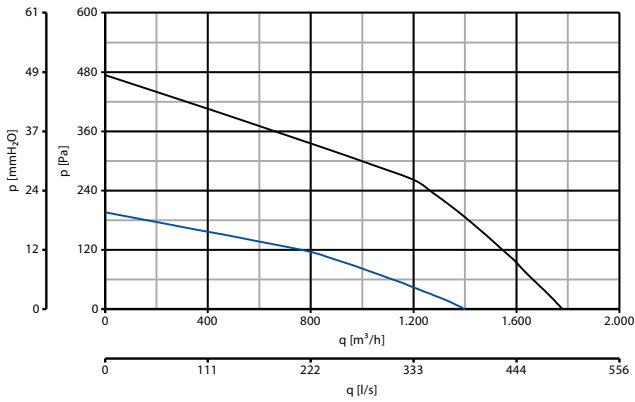
LINEO 150 V0



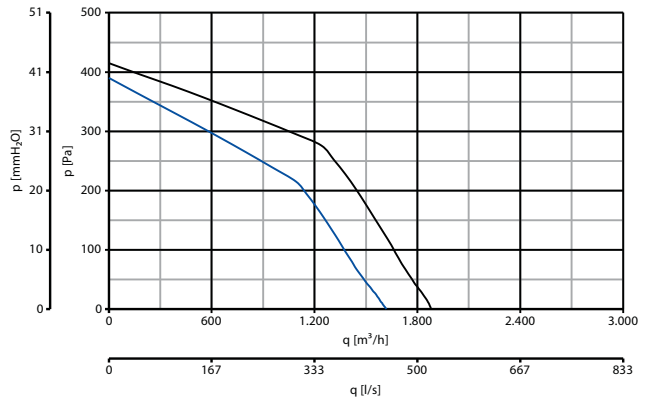
LINEO 160 V0



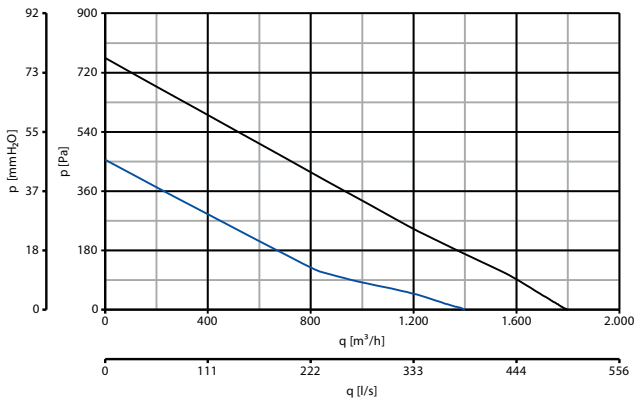
LINEO 200 Q V0



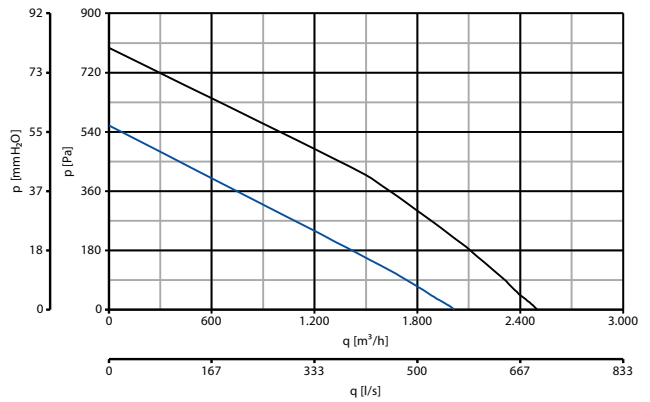
LINEO 200 V0



LINEO 250 Q V0



LINEO 250 V0



— min. — max.





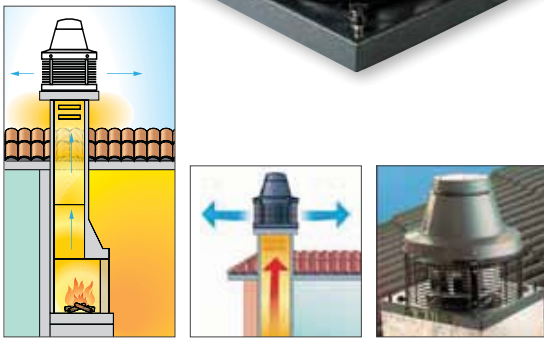
TIRACAMINO

Radial chimney fan



Designed to draw out smoke from fireplace. Can be used as a normal extractor fan when the fireplace is not lit

- **1 model.**
- Ball-bearing-mounted induction motor to withstand high temperatures (approximately 200°C) for long periods of operation.
- Weather proof steel construction and anti-corrosion, polyester resin protection.
- Supplied with steel safety cable for long-term anchoring of fan to the base.
- Protection grille with steel safety, anti-bird rings.
- Advanced blade design reduces soot build up.
- Protection rating: IPX4.
- Insulation: I. ⊕
- **Not suitable for use with gas fires.**
- **Complete with variable speed controller C 1.5 and base frame.**



If the internal size of the chimney flue is less than 15 x 15 or 17 cm diameter, the efficiency of the fan may be reduced.

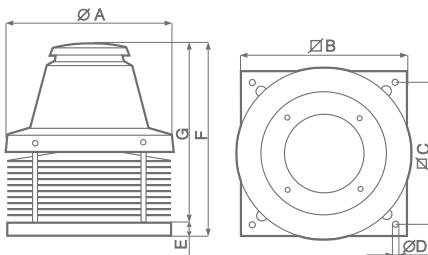
Wiring diagrams shown from page 458

TECHNICAL DATA

Models	Code	V ~ 50 Hz	W	A	RPM	Max Airflow		Max Pressure		Lp dB(A)*
						m³/h	l/s	mmH₂O	Pa	
TIRACAMINO	15000	220 - 240	120	0.5	1400	750	208.3	19	186	52

* Sound pressure level measured at 3 m in free field conditions with long-cased appliance in delivery mode in accordance with standard EN ISO 3744.

DIMENSIONS

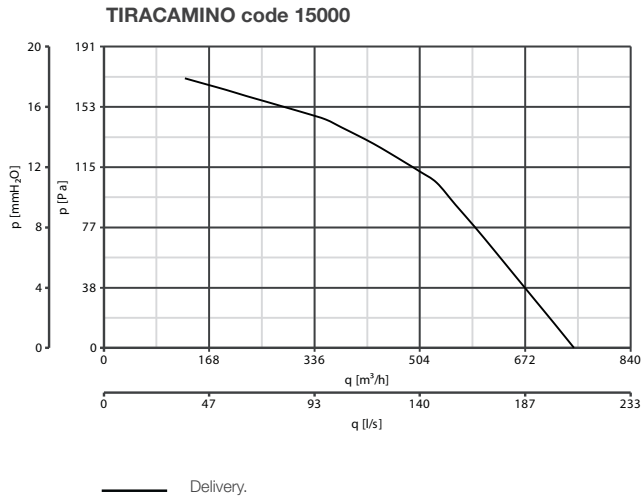


Models	Ø A	Ø B	Ø C	Ø D	E	F	G	A ₁	B ₁	C ₁	D ₁	Kg
TIRACAMINO	405	410	357	10	38	518	480	401	357	140	40	14.3




Dimensions (mm)



PERFORMANCE CURVES



PRODUCT ACCESSORIES

Models	Description	Code	Product
			TIRACAMINO code 15000
	C 1.5 Electronic speed controller 1.5 A	12966	●
	SCB KIT Built-in controller adaptors for C 1.5	22481	12966
	TR-G 10/15 Protection grille	22700	●

Description and sizes on page 236; System components on page 330.

NEW



VORT QBK RANGE

Self-supporting double inlet cabinet fans



Designed for residential, commercial and industrial applications as kitchens, bathrooms, offices, laboratories, factories, shops, laundromats, models, restaurants, bars, theatres, ballrooms, etc.

- **8 models: 7 single-phase 1 speed and 1 three-phase 1 speed.**
- Zinc-coated self-supporting cabinet (10/10), polyethylene padding, with metal and adhesive finishing (10 mm), class I.
- Double inlet centrifugal fan, forward curved impellers, directly coupled to AC motor one speed, one or three phase.
- Double interchangeable inspection panel with handle and triangular key.
- Flow rates up to 8000 m³/h.
- Operating temperature between -20°C and + 40°C.
- Insulation class: I. ⊕

Wiring diagrams shown from page 458

TECHNICAL DATA

Models	Code	W nom/max	A max	Poles	RPM	Max Airflow		Max Pressure		Max °C	IP motor
						m ³ /h	l/s	mmH ₂ O	Pa		
VORT QBK 1000	45260	90 - 202	0.9	2	1270	700	194	36.7	360	40	54
VORT QBK 7/7 4M 1V	45261	200 - 450	2.0	4	1260	1890	525	30	295	40	55
VORT QBK 9/9 6M 1V	45262	250 - 500	2.2	6	800	2950	819	18.8	185	70	55
VORT QBK 9/9 4M 1V	45263	550 - 1180	5.2	4	1200	3950	1097	43.3	425	40	44
VORT QBK 10/10 6M 1V	45264	315 - 640	2.9	6	600	3700	1028	26	255	40	55
VORT QBK 10/10 4M 1V	45205	550 - 1330	6.1	4	1400	4150	1150	48.9	480	40	20
VORT QBK 12/12 6M 1V	45206	736 - 1290	6.15	6	925	6000	1662	32.1	315	40	20
VORT QBK 12/12 6T 1V IP20	45207	1100 - 2455	4.3	6	900	8000	2216	33.6	330	40	20

Electrical supply: 230 V ~ 50 Hz (Single-phase)
Electrical supply: 400 V ~ 50 Hz (Three-phase).

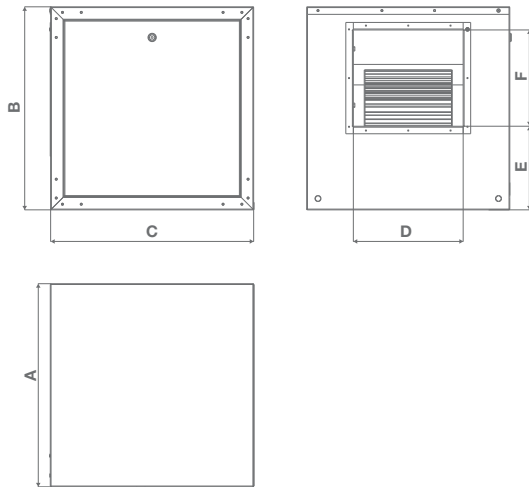
SOUND LEVELS

Models	Code	speed	125 Hz	250 Hz	500 Hz	1K Hz	2K Hz	4K Hz	8K Hz	Lw dB(A)	Lp dB(A)* 1 m
VORT QBK 1000	45260	1	32.5	38.6	44	52	49.9	47.2	43.9	55.7	47.6
VORT QBK 7/7 4M 1V	45261	1	39.7	48.8	52.9	62.6	62.5	60.4	56.8	67.4	59.3
VORT QBK 9/9 6M 1V	45262	1	43.5	54.3	54.4	62.4	62.7	64.3	54.9	68.6	60.5
VORT QBK 9/9 4M 1V	45263	1	47.6	61	59.7	69.3	70.3	71	65.8	75.8	67.8
VORT QBK 10/10 6M 1V	45264	1	43.9	57.5	55.4	63.1	63.7	63.7	55.5	69	61
VORT QBK 10/10 4M 1V	45205	1	50.2	57.2	61.0	66.7	66.7	64.9	59.6	71.8	63.8
VORT QBK 12/12 6M 1V	45206	1	56.1	59.8	66.2	68.9	69.3	67.5	60.8	74.6	66.6
VORT QBK 12/12 6T 1V IP20	45207	1	56.0	59.8	70.2	71.2	71.4	71.8	65.9	77.6	69.6

* Sound pressure level measured at 1 m in free field conditions with long-cased appliance in delivery mode, in accordance with standard EN ISO 3741:2009.



DIMENSIONS



Models	A	B	C	D	E	F	Kg
VORT QBK 1000	440	440	440	226	286	92	30
VORT QBK 7/7 4M 1V				232	172	208	31
VORT QBK 9/9 6M 1V	480	480	480	298	160	262	33
VORT QBK 9/9 4M 1V	540	540	540	292	222	256	
VORT QBK 10/10 6M 1V	540	540	540	331	192	289	38
VORT QBK 10/10 4M 1V							35.3
VORT QBK 12/12 6M 1V	680	680	680	395	282	341	59.1
VORT QBK 12/12 6T 1V IP20							58.7

Dimensions (mm)

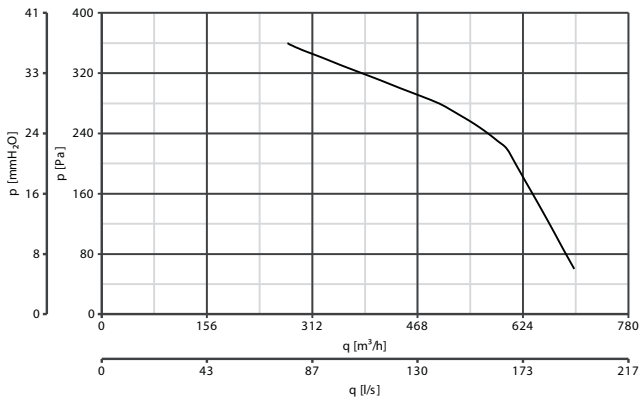
PRODUCT ACCESSORIES

Models	Description	Code	Product							
			VORT QBK 1000 code 45260	VORT QBK 7/7 4M 1V code 45261	VORT QBK 9/9 6M 1V code 45262	VORT QBK 9/9 4M 1V code 45263	VORT QBK 10/10 6M 1V code 45264	VORT QBK 10/10 4M 1V code 45205	VORT QBK 12/12 6M 1V code 45206	VORT QBK 12/12 6T 1V IP20 code 45207
	IREM 3 Single-phase speed controller	12931	●	●	●		●			
	IREM 5 Single-phase speed controller	12932				●				
	IREM 9 Single-phase speed controller	12933						●	●	
	IRET 6 Three-phase speed controller	12934								●
	QBK ABC 7/7 Air cowling	24200	●	●	●	●				
	QBK ABC 9/9 Air cowling									
	QBK ABC 10/10 Air cowling	24202					●	●	●	●
	QBK ABC 12/12 Air cowling									
	QBK RRS Round nipple joint for Ø 250 mm intake	24205	●	●						
	QBK RRS Round nipple joint for Ø 315 mm intake	24206			●	●				
	QBK RRS Round nipple joint for Ø 400 mm intake	24207					●	●		
	QBK RRS Round nipple joint for Ø 450 mm intake	24208							●	●
	QBK F Feet	24204	●	●	●	●	●	●	●	●

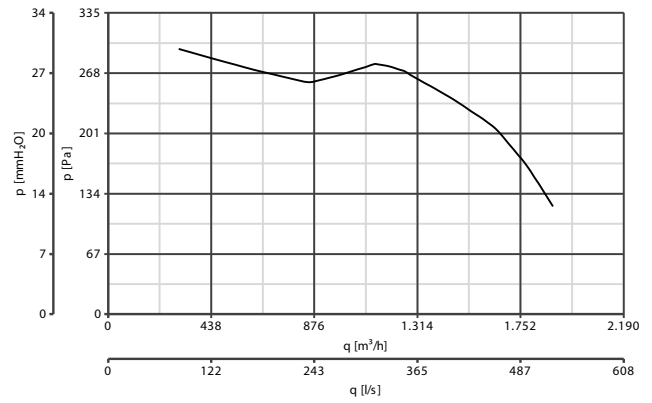
Description and sizes on page 236; System components on page 330.

PERFORMANCE CURVES

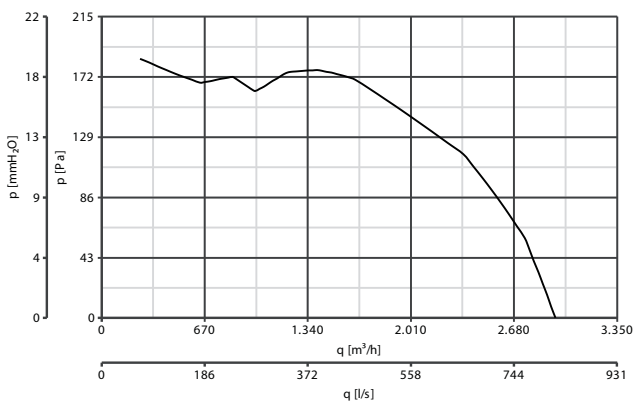
VORT QBK 1000 code 45260



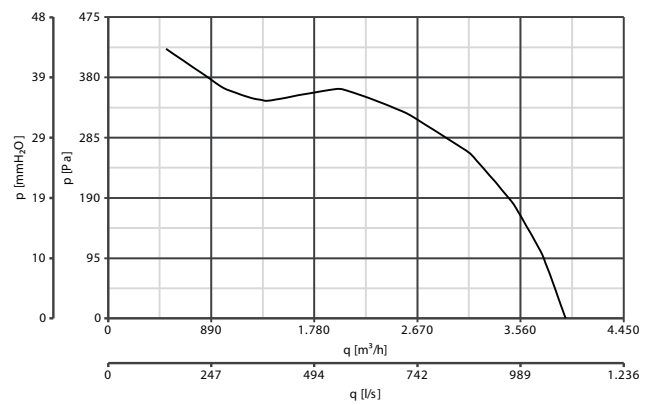
VORT QBK 7/7 4M 1V code 45261



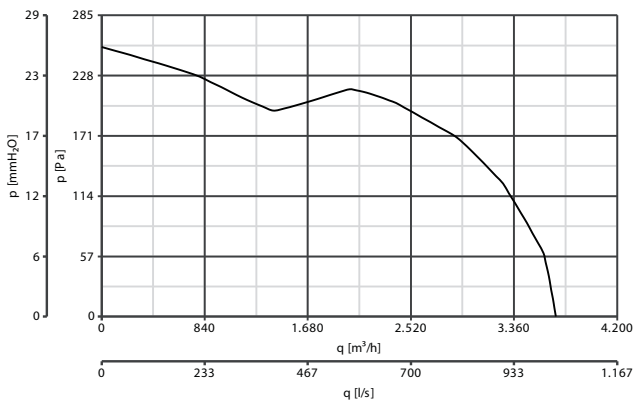
VORT QBK 9/9 6M 1V code 45262



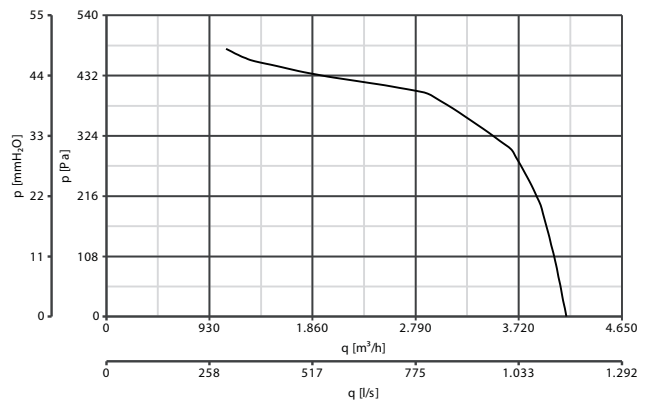
VORT QBK 9/9 4M 1V code 45263



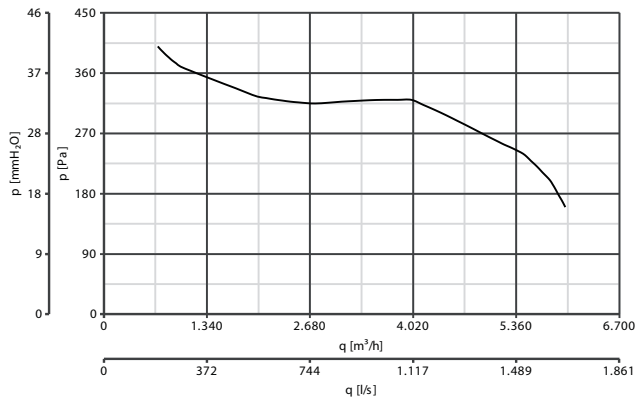
VORT QBK 10/10 6M 1V code 45264



VORT QBK 10/10 4M 1V code 45205

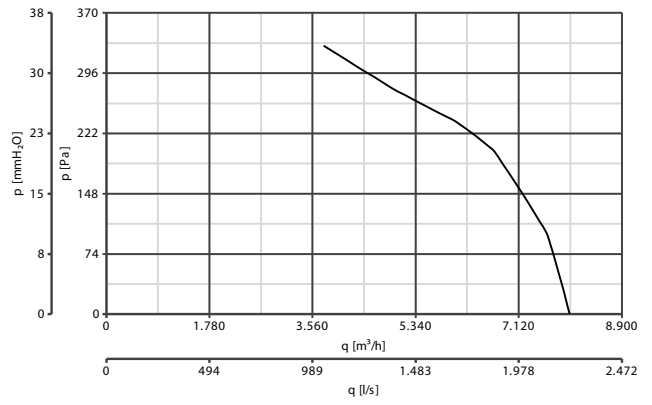


VORT QBK 12/12 6M 1V code 45206



— Delivery

VORT QBK 12/12 6T 1V IP20 code 45207



NEW



VORT QBK SAL RANGE

Double inlet cabinet fans



Designed for residential, commercial and industrial applications as kitchens, bathrooms, offices, laboratories, factories, shops, laundromats, models, restaurants, bars, theatres, ballrooms, etc.

- **8 models: 7 single-phase and 1 three-phase.**
- Extruded UNI 9006 aluminium casings assembled with diecast aluminium joints.
- Sandwich panels, insulated by expanded polyurethane (densit 40 kg/m³), sheet 23 mm thick (external 6/10 thick zinc treated).
- 1 pre-cut intake panel to accommodate square ducting.
- 1 pre-cut intake panel to accommodate round ducting.
- 1 inspection panel with triangular key.
- Fans made of double inlet forward curved centrifugal impellers directly coupled to 1 speed single or three phase AC motors, depending on model.
- Operating temperature between -20°C and +40°C.
- Insulation class: I. ⊕

TECHNICAL DATA

Wiring diagrams shown from page 458

Models	Code	W nom/max	A max	Poles	RPM	Max Airflow		Max Pressure		Max °C	IP motor
						m ³ /h	l/s	mmH ₂ O	Pa		
VORT QBK SAL 1000	45270	90 - 202	0.9	2	1270	700	194	36.7	360	40	54
VORT QBK SAL 7/7 4M 1V	45271	200 - 450	2.0	4	1260	1890	525	30	295	40	55
VORT QBK SAL 9/9 6M 1V	45272	250 - 500	2.2	6	800	2950	819	18.8	185	70	55
VORT QBK SAL 9/9 4M 1V	45273	550 - 1180	5.2	4	1200	3950	1097	43.3	425	40	44
VORT QBK SAL 10/10 6M 1V	45274	315 - 640	2.9	6	600	3700	1028	26	255	40	55
VORT QBK SAL 10/10 4M 1V	45225	550 - 1330	6.1	4	900	4150	1150	48.9	480	40	20
VORT QBK SAL 12/12 6M 1V	45226	736 - 1290	6.15	6	925	6000	1662	32.1	315	40	20
VORT QBK SAL 12/12 6T 1V IP20	45227	1100 - 2455	4.3	6	900	8000	2216	33.6	330	40	20

Electrical supply: 230 V ~ 50 Hz (Single-phase)
Electrical supply: 400 V ~ 50 Hz (Three-phase).

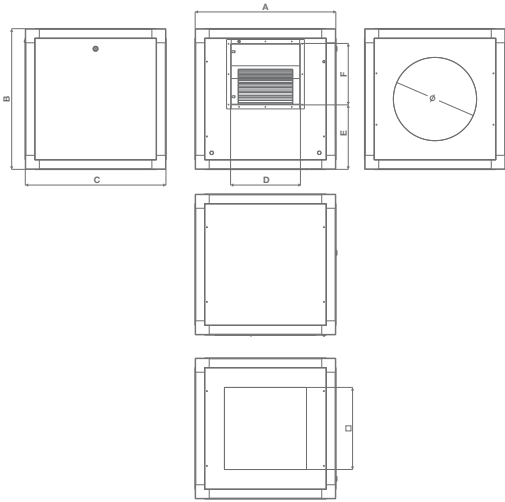
SOUND LEVELS

Models	Code	speed	125 Hz	250 Hz	500 Hz	1K Hz	2K Hz	4K Hz	8K Hz	Lw dB(A)	Lp dB(A)* 1 m
VORT QBK SAL 1000	45270	1	28.3	34.2	40.3	43.7	39.9	19.7	8.2	46.8	38.7
VORT QBK SAL 7/7 4M 1V	45271	1	35.5	44.4	49.2	54.3	52.5	32.9	21.1	57.5	49.5
VORT QBK SAL 9/9 6M 1V	45272	1	39.3	49.9	50.7	54.1	52.7	36.8	19.2	58.3	50.2
VORT QBK SAL 9/9 4M 1V	45273	1	43.4	56.6	56	61	60.3	43.5	30.1	65.1	57.1
VORT QBK SAL 10/10 6M 1V	45274	1	39.7	53.1	51.7	54.8	53.7	36.2	19.8	59.6	51.5
VORT QBK SAL 10/10 4M 1V	45225	1	46.0	52.8	57.3	58.4	56.7	37.4	23.9	62.9	54.9
VORT QBK SAL 12/12 6M 1V	45226	1	51.9	55.4	62.5	60.6	59.3	40.0	25.1	66.3	58.3
VORT QBK SAL 12/12 6T 1V IP20	45227	1	51.8	55.4	66.5	62.9	61.4	44.3	30.2	69.2	61.2

* Sound pressure level measured at 1 m in free field conditions with long-cased appliance in delivery mode, in accordance with standard EN ISO 3741:2009.



DIMENSIONS



Models	A	B	C	D	E	F	Ø	∇	Kg
VORT QBK SAL 1000	500	500	500	226	324	93	250	250x250	47
VORT QBK SAL 7/7 4M 1V				232	229	208			48
VORT QBK SAL 9/9 6M 1V				298	175	262			355
VORT QBK SAL 9/9 4M 1V	275	56							
VORT QBK SAL 10/10 6M 1V	600	600	600	331	248	289	400	400x400	61
VORT QBK SAL 10/10 4M 1V				44					
VORT QBK SAL 12/12 6M 1V	700	700	700	395	296	341	450	450x450	61.2
VORT QBK SAL 12/12 6T 1V IP20				61.6					

Dimensions (mm)

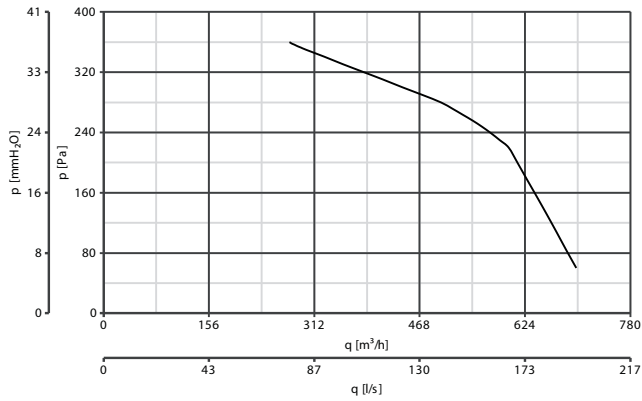
PRODUCT ACCESSORIES

Models	Description	Code	Product									
			VORT QBK SAL 1000 code 45270	VORT QBK SAL 7/7 4M 1V code 45271	QBK SAL 9/9 6M 1V code 45272	VORT QBK SAL 9/9 4M 1V code 45273	VORT QBK SAL 10/10 6M 1V code 45274	VORT QBK SAL 10/10 4M 1V code 45225	VORT QBK SAL 12/12 6M 1V code 45226	VORT QBK SAL 12/12 6T 1V IP20 code 45227		
	IREM 3 Single-phase speed controller	12931	●	●	●		●					
	IREM 5 Single-phase speed controller	12932				●						
	IREM 9 Single-phase speed controller	12933						●	●			
	IRET 6 Three-phase speed controller	12934									●	
	QBK ABC 7/7 Air cowling	24200	●	●	●							
	QBK ABC 9/9 Air cowling											
	QBK ABC 10/10 Air cowling	24202				●	●	●	●	●		
	QBK ABC 12/12 Air cowling											
	QBK RRS Round nipple joint for Ø 250 mm intake	24205	●	●								
	QBK RRS Round nipple joint for Ø 315 mm intake	24206			●	●						
	QBK RRS Round nipple joint for Ø 400 mm intake	24207					●	●				
	QBK RRS Round nipple joint for Ø 450 mm intake	24208								●	●	
	QBK RRS SAL 7/7 e 9/9 Rain guard	24209	●	●	●							
	QBK RRS SAL 10/10 Rain guard	24210				●	●	●				
	QBK RRS SAL 12/12 Rain guard	24211								●	●	
	QBK F Feet	24204	●	●	●	●	●	●	●	●	●	

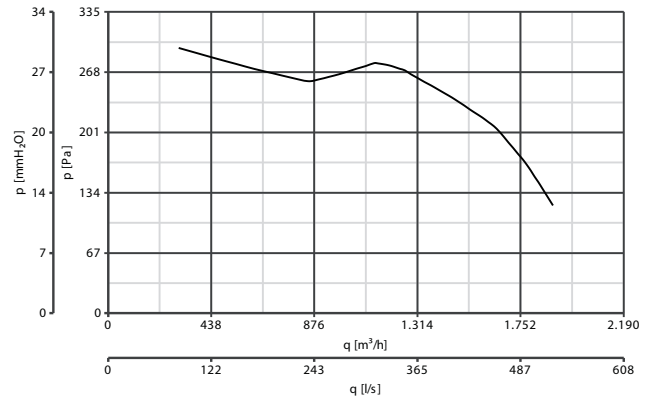
Description and sizes on page 236; System components on page 330.

PERFORMANCE CURVES

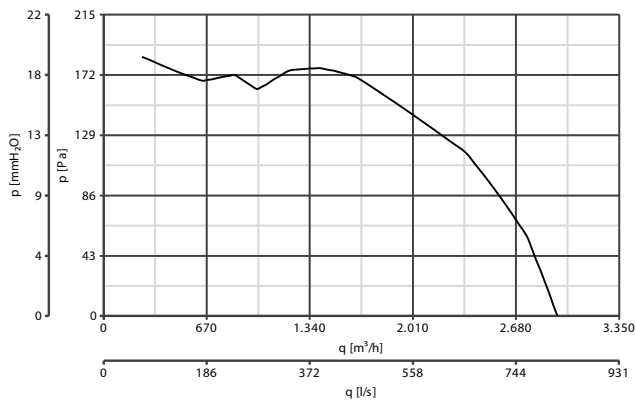
VORT QBK SAL 1000 code 45270



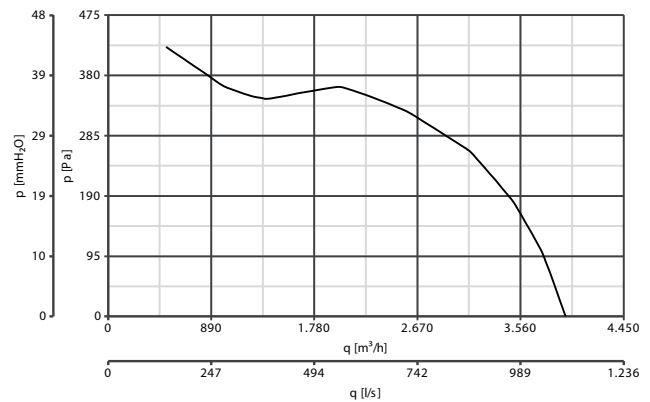
VORT QBK SAL 7/7 4M 1V code 45271



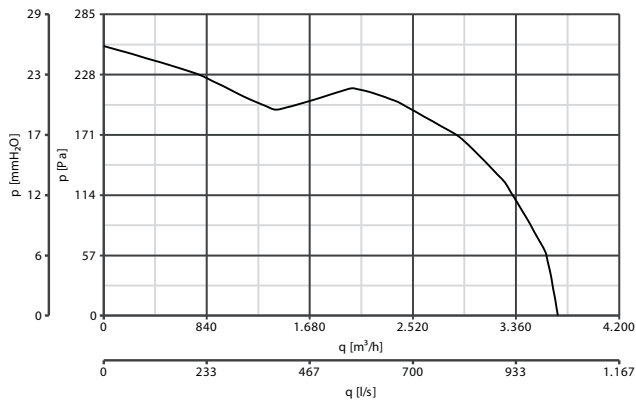
VORT QBK SAL 9/9 6M 1V code 45272



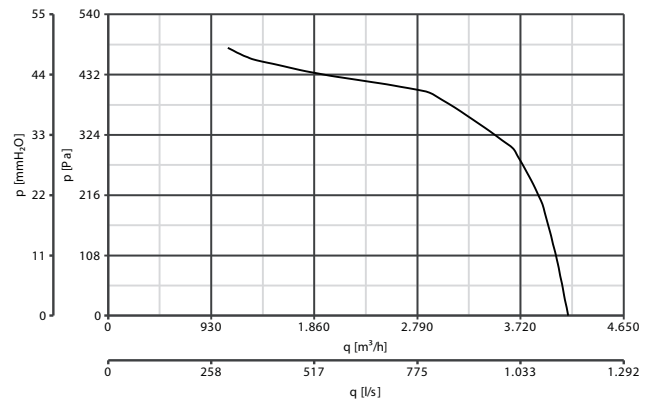
VORT QBK SAL 9/9 4M 1V code 45273



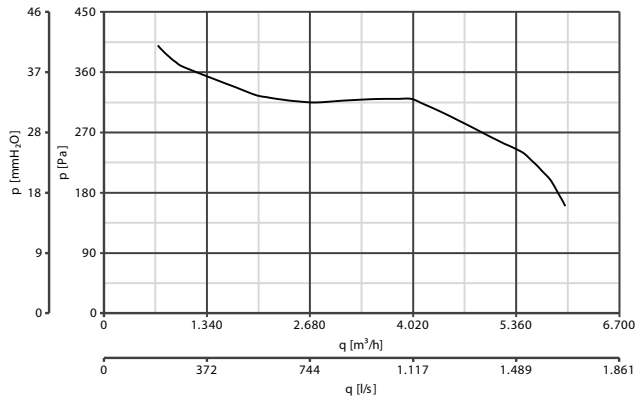
VORT QBK SAL 10/10 6M 1V code 45274



VORT QBK SAL 10/10 4M 1V code 45225

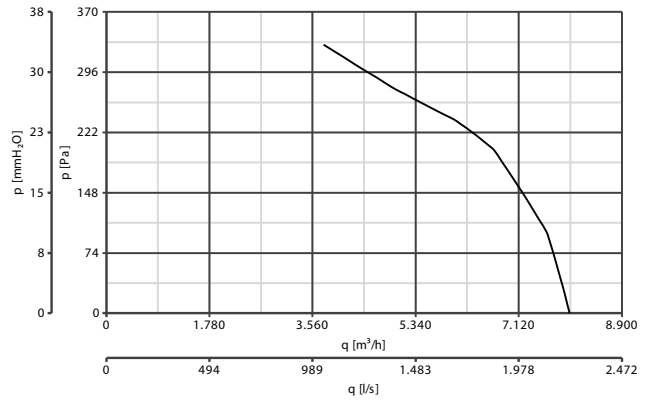


VORT QBK SAL 12/12 6M 1V code 45226



— Delivery

VORT QBK SAL 12/12 6T 1V IP20 code 45227



NEW



QBK COMFORT RANGE

Sound-proof double inlet cabinet fans



Designed for residential, commercial and industrial applications as kitchens, bathrooms, offices, laboratories, factories, shops, laundromats, models, restaurants, bars, theatres, ballrooms, etc.

- **10 models: 9 single-phase 1 speed and 1 three-phase 1 speed.**
- Extruded UNI 9006 aluminium frames assembled with diecast aluminium joints.
- Zinc treated sandwich panels, sound-proof through mineral wool (density 90/100 Kg/m³) covered with 48 mm layer of fibreglass.
- 1 inspection panel with locking handle.
- 1 intake panel with smooth round nipple.
- 1 smooth round nipple on inlet vent.
- Fans made of double inlet forward curved centrifugal impellers directly coupled to three or four speeds single or three-phase AC motor depending on model.
- Operating temperature between -20 °C and +40 °C.
- Insulation class: I. ⊕

TECHNICAL DATA

Wiring diagrams shown from page 458

Models	Code	W nom/max	A max	Poles	RPM	Max Airflow		Max Pressure		°C Max	IP motor
						m ³ /h min/max	l/s min/max	mmH ₂ O min/max	Pa min/max		
VORT QBK COMFORT 1000	45280	90 - 202	0.9	2	1270	700	194	36.7	360	40	54
VORT QBK COMFORT 7/7 4M 1V	45281	200 - 450	2.0	4	1260	1890	525	30.0	295	40	55
VORT QBK COMFORT 9/9 6M 1V	45282	250 - 500	2.2	6	800	2950	819	18.8	185	70	55
VORT QBK COMFORT 9/9 4M 1V	45283	550 - 1180	5.2	4	1200	3950	1097	43.3	425	40	44
VORT QBK COMFORT 10/10 6M 1V	45284	315 - 640	2.9	6	600	3700	1028	26.0	255	40	55
VORT QBK COMFORT 10/10 4M 1V	45285	550 - 1330	6.1	4	900	4150	1150	48.9	480	40	20
VORT QBK COMFORT 12/12 6M 1V	45286	736 - 1290	6.15	6	925	6000	1662	32.1	315	40	20
VORT QBK COMFORT 12/12 6T 1V	45287	1100 - 2455	4.3	6	900	8000	2216	33.6	330	40	20
VORT QBK COMFORT 500 4V/1	45288	N/A* - 140	0.62	6	1030	610	169	42.3	415	50	20
VORT QBK COMFORT 800 MC/H 4V	45250	N/A* - 355	1.55	6	1850	450 - 1060	125 - 294	42.28 - 48.93	420 - 480	40	20

Electrical supply: 230 V ~ 50 Hz (Single-phase)
Electrical supply: 400 V ~ 50 Hz (Three-phase).

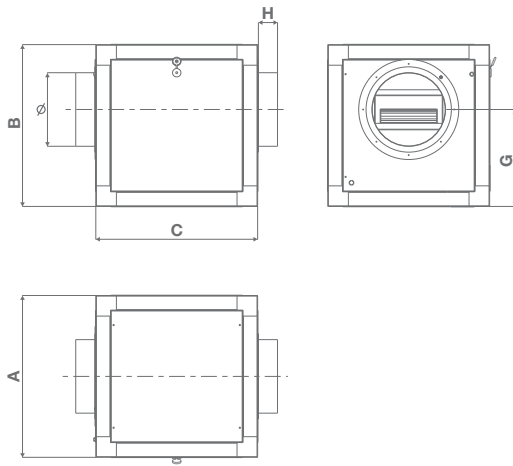
SOUND LEVELS

Models	Code	speed	125 Hz	250 Hz	500 Hz	1K Hz	2K Hz	4K Hz	8K Hz	Lw dB(A)	Lp dB(A)* 1 m	
VORT QBK COMFORT 1000	45280	1	26.3	32.2	39.3	42.7	38.9	17.7	7.2	45.7	37.7	
VORT QBK COMFORT 7/7 4M 1V	45281	1	33.5	42.4	48.2	53.3	51.5	30.9	20.1	56.5	48.4	
VORT QBK COMFORT 9/9 6M 1V	45282	1	37.3	47.9	49.7	53.1	51.7	34.8	18.2	57.1	49.1	
VORT QBK COMFORT 9/9 4M 1V	45283	1	41.4	54.6	55	60	59.3	41.5	29.1	64	55.9	
VORT QBK COMFORT 10/10 6M 1V	45284	1	37.78	51.1	50.7	53.8	52.7	34.2	18.8	58.3	50.3	
VORT QBK COMFORT 10/10 4M 1V	45285	1	44	50.8	56.3	57.4	55.7	35.4	22.9	64.8	56.7	
VORT QBK COMFORT 12/12 6M 1V	45286	1	49	53.4	61.5	59.6	58.3	38	24.1	68.2	60.2	
VORT QBK COMFORT 12/12 6T 1V	45287	1	49.8	53.4	65.5	61.9	60.4	42.3	29.2	71.2	63.1	
VORT QBK COMFORT 500 4V/1	45288	4-max	29.2	32.2	38.0	39.5	33.0	12.6	<10	<10	43.0	35.0
		3	21.3	24.7	30.8	29.8	24.6	<10	<10	34.6	26.6	
		2	15.1	19.4	26.3	24.0	17.6	<10	<10	29.3	21.3	
		1-min	10.8	14.4	19.7	16.1	10.1	<10	<10	22.7	14.7	
VORT QBK COMFORT 800 MC/H 4V	45250	4-max	46.3	52.3	54.6	51.2	47.1	29.1	20.4	58.4	50.4	
		3	44.1	45.9	48.8	46.4	41.5	23.1	13.9	53.0	45.0	
		2	38.3	39.3	42.1	40.3	34.1	14.8	<10	46.6	38.5	
		1-min	28.4	30.3	35.0	31.8	25.3	<10	<10	38.3	30.3	

* Sound pressure level measured at 1 m in free field conditions with long-cased appliance in delivery mode, in accordance with standard EN ISO 3741:2009.



DIMENSIONS



Models	A	B	C	G	H	Ø	Kg
VORT QBK COMFORT 7/7 4M 1V	550	550	550	330	60	250	49
VORT QBK COMFORT 9/9 6M 1V				317.5		315	49.5
VORT QBK COMFORT 9/9 4M 1V				417.5			
VORT QBK COMFORT 10/10 6M 1V	650	650	650	375	90	400	58
VORT QBK COMFORT 10/10 4M 1V							57
VORT QBK COMFORT 12/12 6M 1V				450		450	64
VORT QBK COMFORT 12/12 6T 1V	750	750	750	450			
VORT QBK COMFORT 500	400	400	400	230	45	200	26.5
VORT QBK COMFORT 800	450	450	450	280		250	24.45
VORT QBK COMFORT 1000	550	550	550	330	60		35.8

Dimensions (mm)

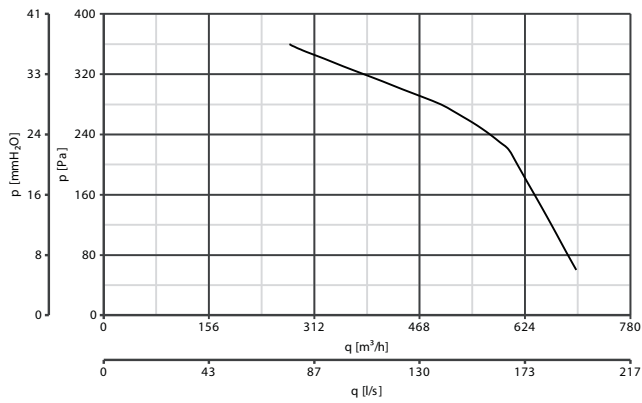
PRODUCT ACCESSORIES

Models	Description	Code	Product													
			VORT QBK COMFORT 1000 code 45280	VORT QBK COMFORT 7/7 4M 1V code 45281	VORT QBK COMFORT 9/9 6M 1V code 45282	VORT QBK COMFORT 9/9 4M 1V code 45283	VORT QBK COMFORT 10/10 6M 1V code 45284	VORT QBK COMFORT 10/10 4M 1V code 45285	VORT QBK COMFORT 12/12 6M 1V code 45286	VORT QBK COMFORT 12/12 6T 1V code 45287	QBK COMFORT 500 4V/1 code 45288	QBK COMFORT 800 MC/H 4V code 45250				
	IREM 3 Single-phase speed controller	12931	●	●	●		●									
	IREM 5 Single-phase speed controller	12932				●										
	IREM 9 Single-phase speed controller	12933						●	●							
	IRET 6 Three-phase speed controller	12934								●						
	C4VM16 Three-phase speed controller	14021									●	●				
	QBK RRS COMFORT 7/7 e 9/9 Rain guard	24212	●	●	●											
	QBK RRS COMFORT 10/10 Rain guard	24213				●	●	●								
	QBK RRS COMFORT 12/12 Rain guard	24214							●	●						
	QBK F COMFORT Feet	24247	●	●	●	●	●	●	●	●	●	●				

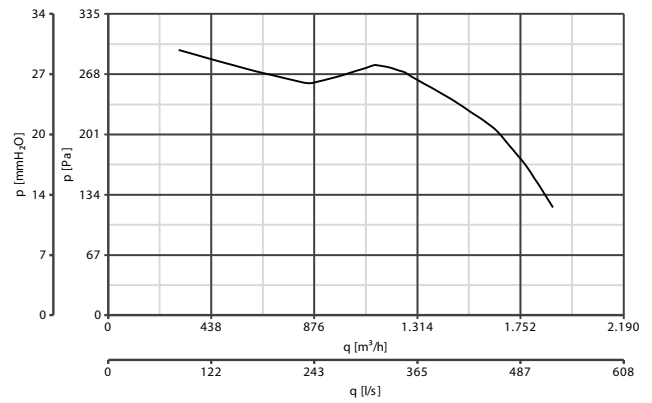
Description and sizes on page 236; System components on page 330.

PERFORMANCE CURVES

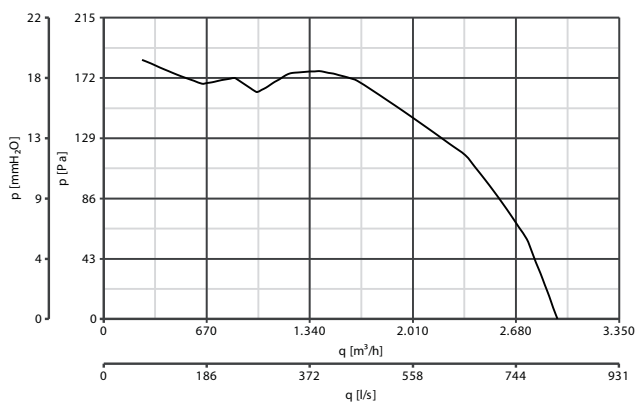
VORT QBK COMFORT 1000 code 45280



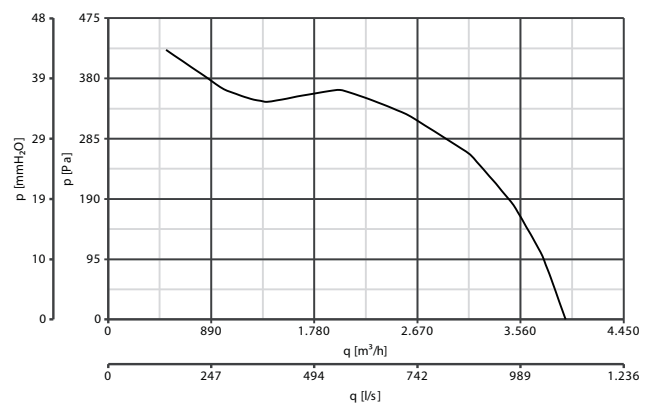
VORT QBK COMFORT 7/7 4M 1V code 45281



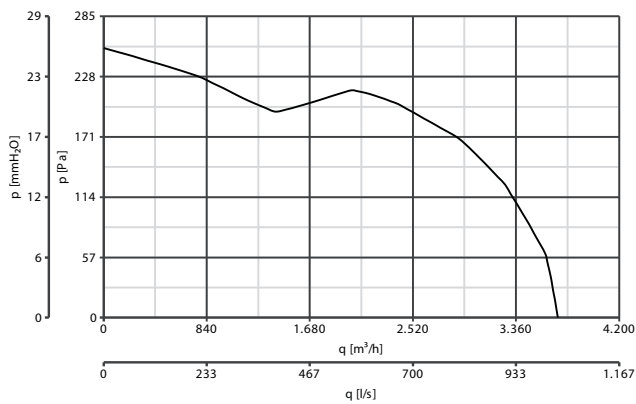
VORT QBK COMFORT 9/9 6M 1V code 45282



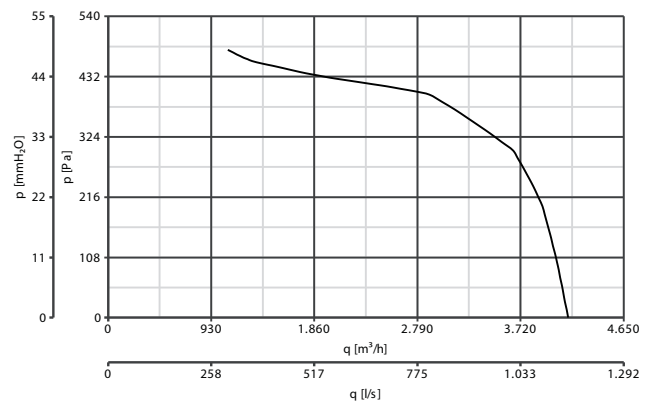
VORT QBK COMFORT 9/9 4M 1V code 45283



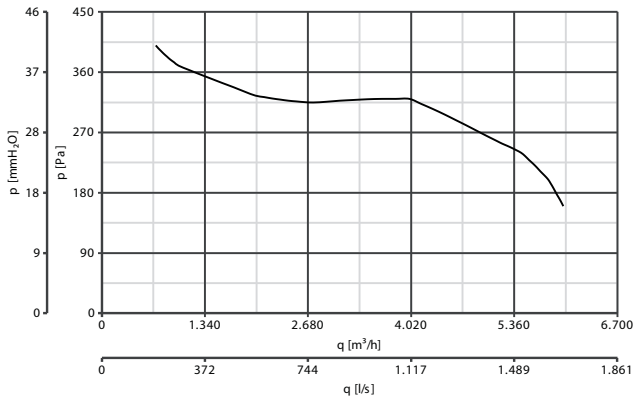
VORT QBK COMFORT 10/10 6M 1V code 45284



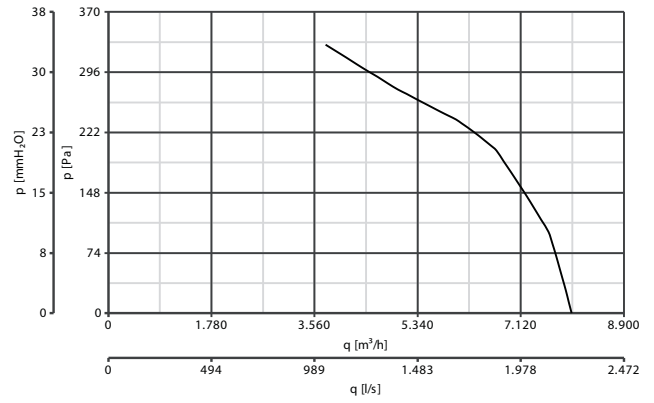
VORT QBK COMFORT 10/10 4M 1V code 45285



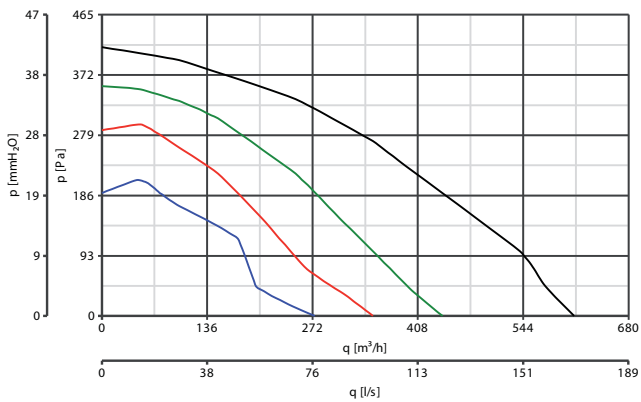
VORT QBK COMFORT 12/12 6M 1V code 45286



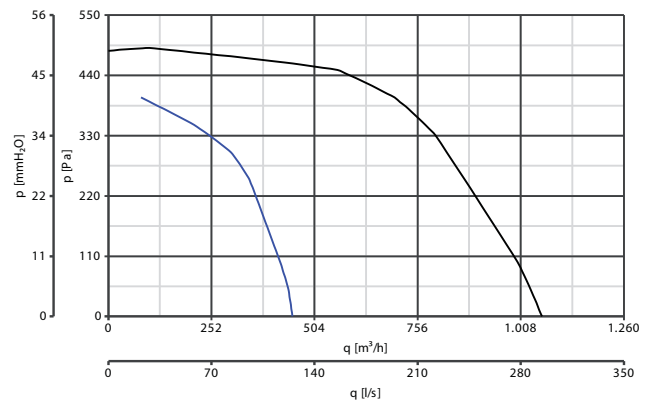
VORT QBK COMFORT 12/12 6T 1V code 45287



VORT QBK COMFORT 500 4V code 45288



VORT QBK COMFORT 800 4V code 45250



— min. — max.



QBK POWER RANGE

Belt driven cabinet fans.

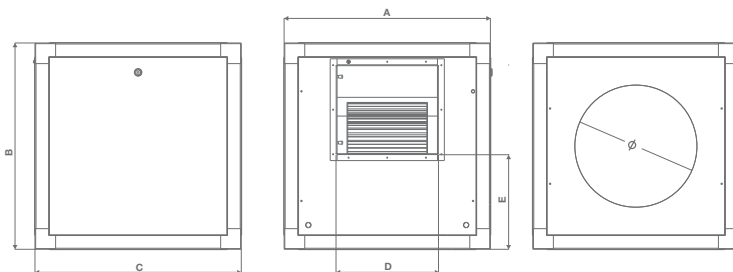
*Designed for ducted ventilation applications.
Suitable for internal or external installations.*



- **33 one-speed (upon request) and 28 two-speed (upon request).**
- Extruded aluminium frames assembled with diecast aluminium joints.
- Zinc-coated, sound-proof frames in polyethylene padding, with metal and adhesive finishing, class I.
- One or two-speed three-phase motor, depending on model.
- Double inlet centrifugal fans equipped with forward curves centrifugal impellers driven by belts and pulleys.
- Access through removeable panels or hinged door depending on model.
- Operating temperature between -20°C and +40°C. Operation at higher temperatures allowed, accepting a power drop.
- Flow rates up to 30000 m³/h.
- Designed for ducted ventilation applications.
- Suitable for internal or external installations.
- Insulation class: I. ⊕

Wiring diagrams shown from page 458

DIMENSIONS



Models	A	B	C	D	E
VORT QBK POWER 9/7	790	600	600	235	265
VORT QBK POWER 9/9				300	265
VORT QBK POWER 10/10	1040	700	700	335	295
VORT QBK POWER 12/12				790	395
VORT QBK POWER 15/15	1290	1040	1040	470	405
VORT QBK POWER 18/18				1290	1290
VORT QBK POWER 560	1540	1540	1540	640	640
VORT QBK POWER 630				1540	1540

Dimensions (mm)

NOTE:

The overall dimensions of QBK POWER are indicative since they are subject to change upon final order confirmation. In case the unit is fitted with the filtering section accessory, dimension A will increase by 250 mm.



TECHNICAL DATA

Models	Code	Speed N°	V ~ 50 Hz	kW nom.	A nom.	RPM	Max Airflow m³/h	Lp (dBA)* 1m max	Kg	Amb temp. max (°C)	Mot. Insul.	IP Motor
VORT QBK POWER 9/7 1V 0.37	45301	1	230/400	0.37	1.11	1350	2500	70	58	40	cl F	55
VORT QBK POWER 9/7 1V 0.55	45302		230/400	0.55	1.6	1520	2500	72	58	40	cl F	
VORT QBK POWER 9/7 1V 0.75	45303		230/400	0.75	1.93	1030	2500	69	58	40	cl F	
VORT QBK POWER 9/9 1V 0.37	45304		230/400	0.37	1.11	1030	2500	69	62	40	cl F	
VORT QBK POWER 9/9 1V 0.55	45305		230/400	0.55	1.6	1420	3500	72	62	40	cl F	
VORT QBK POWER 9/9 1V 0.75	45306		230/400	0.75	1.93	1590	3500	72	62	40	cl F	
VORT QBK POWER 9/9 1V 1.1	45307		230/400	1.1	2.64	1600	3500	73	62	40	cl F	
VORT QBK POWER 10/10 1V 0.55	45308		230/400	0.55	1.6	895	3500	72	83	40	cl F	
VORT QBK POWER 10/10 1V 0.75	45309		230/400	0.75	1.93	1050	4500	71	83	40	cl F	
VORT QBK POWER 10/10 1V 1.1	45310		230/400	1.1	2.64	1345	4500	73	83	40	cl F	
VORT QBK POWER 10/10 1V 1.5	45311		230/400	1.5	3.45	1360	4500	74	83	40	cl F	
VORT QBK POWER 12/12 1V 0.75	45312		230/400	0.75	1.93	735	5000	68	104	40	cl F	
VORT QBK POWER 12/12 1V 1.1	45313		230/400	1.1	2.64	1020	6000	71	104	40	cl F	
VORT QBK POWER 12/12 1V 1.5	45314		230/400	1.5	3.45	1150	7000	75	104	40	cl F	
VORT QBK POWER 12/12 1V 2.2	45315		230/400	2.2	4.84	1150	7000	76	104	40	cl F	
VORT QBK POWER 15/15 1V 1.1	45316		230/400	1.1	2.64	640	7000	70	139	40	cl F	
VORT QBK POWER 15/15 1V 1.5	45317		230/400	1.5	3.45	740	9000	73	139	40	cl F	
VORT QBK POWER 15/15 1V 2.2	45318		230/400	2.2	4.84	950	10000	77	139	40	cl F	
VORT QBK POWER 15/15 1V 3	45319		230/400	3	6.47	960	10000	78	139	40	cl F	
VORT QBK POWER 18/18 1V 1.5	45320		230/400	1.5	3.45	520	10000	72	208	40	cl F	
VORT QBK POWER 18/18 1V 2.2	45321		230/400	2.2	4.84	730	14000	79	208	40	cl F	
VORT QBK POWER 18/18 1V 3	45322		230/400	3	6.47	820	14000	79	208	40	cl F	
VORT QBK POWER 18/18 1V 4	45323		230/400	4	8.26	820	16000	82	208	40	cl F	
VORT QBK POWER 18/18 1V 5.5	45324		230/400	5.5	11.03	820	16000	82	208	40	cl F	
VORT QBK POWER 560 1V 3	45325		230/400	3	6.47	600	18000	73	276	40	cl F	
VORT QBK POWER 560 1V 4	45326		230/400	4	8.26	670	20000	76	276	40	cl F	
VORT QBK POWER 560 1V 5.5	45327		230/400	5.5	11.03	770	22000	78	276	40	cl F	
VORT QBK POWER 560 1V 7.5	45328		230/400	7.5	14.64	790	22000	79	276	40	cl F	
VORT QBK POWER 630 1V 4	45329		230/400	4	8.26	460	22000	73	276	40	cl F	
VORT QBK POWER 630 1V 5.5	45330		230/400	5.5	11.03	600	27000	78	348	40	cl F	
VORT QBK POWER 630 1V 7.5	45331	230/400	7.5	14.64	670	30000	80	348	40	cl F		
VORT QBK POWER 630 1V 9.2	45332	230/400	9.2	17.85	670	30000	80	348	40	cl F		
VORT QBK POWER 630 1V 11	45333	230/400	11	20.64	700	30000	81	348	40	cl F		

NOTE: Operation at higher temperatures is also possible. At higher temperatures however, there is a drop in power (contact our technical-sales office).

* Sound pressure level measured at 1 m in free field conditions.



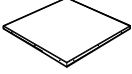
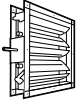




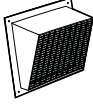
Models	Code	Speed N°	V ~ 50 Hz	kW nom.	A nom.	RPM	Max Airflow m³/h	Lp (dBA)* 1m max	Kg	Amb temp. max (°C)	Mot. Insul.	IP Motor
VORT QBK POWER 9/7 2V 0.55	45342	2	400	0.5-0.19	1.4-0.7	1520	2500	72	58	cl F	40	55
VORT QBK POWER 9/7 2V 0.75	45343		400	0.66-0.25	1.75-0.8	1490	2500	73	58	cl F	40	
VORT QBK POWER 9/9 2V 0.55	45345		400	0.5-0.19	1.4-0.7	1420	3500	72	62	cl F	40	
VORT QBK POWER 9/9 2V 0.75	45346		400	0.66-0.25	1.75-0.8	1590	3500	72	62	cl F	40	
VORT QBK POWER 9/9 2V 1.1	45347		400	1-0.3	2.5-1.2	1600	3500	73	62	cl F	40	
VORT QBK POWER 10/10 2V 0.55	45348		400	0.5-0.19	1.4-0.7	895	3500	72	83	cl F	40	
VORT QBK POWER 10/10 2V 0.75	45349		400	0.66-0.25	1.75-0.8	1050	4500	71	83	cl F	40	
VORT QBK POWER 10/10 2V 1.1	45350		400	1-0.3	2.5-1.2	1345	4500	73	83	cl F	40	
VORT QBK POWER 10/10 2V 1.5	45351		400	1.5-0.45	3.5-1.6	1360	4500	74	83	cl F	40	
VORT QBK POWER 12/12 2V 0.75	45352		400	0.66-0.25	1.75-0.8	735	5000	68	104	cl F	40	
VORT QBK POWER 12/12 2V 1.1	45353		400	1-0.3	2.5-1.2	1020	6000	71	104	cl F	40	
VORT QBK POWER 12/12 2V 1.5	45354		400	1.5-0.45	3.5-1.6	1150	7000	75	104	cl F	40	
VORT QBK POWER 12/12 2V 2.2	45355		400	2-0.6	4.5-2	1150	7000	76	104	cl F	40	
VORT QBK POWER 15/15 2V 1.1	45356		400	1-0.3	2.5-1.2	640	7000	70	139	cl F	40	
VORT QBK POWER 15/15 2V 1.5	45357		400	1.5-0.45	3.5-1.6	740	9000	73	139	cl F	40	
VORT QBK POWER 15/15 2V 2.2	45358		400	2-0.6	4.5-2	950	10000	77	139	cl F	40	
VORT QBK POWER 15/15 2V 3	45359		400	3-1	6.3-3.1	960	10000	78	139	cl F	40	
VORT QBK POWER 18/18 2V 1.5	45360		400	1.5-0.45	3.5-1.6	520	10000	72	208	cl F	40	
VORT QBK POWER 18/18 2V 2.2	45361		400	2-0.6	4.5-2	730	14000	79	208	cl F	40	
VORT QBK POWER 18/18 2V 3	45362		400	3-1	6.3-3.1	820	14000	79	208	cl F	40	
VORT QBK POWER 18/18 2V 4	45363		400	4.5-1.5	9.2-5.1	820	16000	82	208	cl F	40	
VORT QBK POWER 18/18 2V 5.5	45364		400	6-2	12-5.6	820	16000	82	208	cl F	40	
VORT QBK POWER 560 2V 3	45365		400	3-1	6.3-3.1	600	18000	73	276	cl F	40	
VORT QBK POWER 560 2V 4	45366		400	4.5-1.5	9.2-5.1	670	20000	76	276	cl F	40	
VORT QBK POWER 560 2V 5.5	45367		400	6-2	12-5.6	770	22000	78	276	cl F	40	
VORT QBK POWER 630 2V 4	45369		400	4.5-1.5	9.2-5.1	460	22000	73	348	cl F	40	
VORT QBK POWER 630 2V 5.5	45370		400	6-2	12-5.6	600	27000	78	348	cl F	40	
VORT QBK POWER 630 2V 11	45373		400	10.5-3.5	21-8.6	700	30000	81	348	cl F	40	

NOTE: Operation at higher temperatures is also possible. At higher temperatures however, there is a drop in power (contact our technical-sales office).

* Sound pressure level measured at 1 m in free field conditions.



PRODUCT ACCESSORIES

Models		Code	Product
	QBK RRC POWER 9/7 - 9/9 Rain guard	24215	45300 - 45301 - 45302 - 45303 - 45304 - 45305 - 45306 - 45307 - 45340 - 45341 - 45342 - 45343 - 45344 - 45345 - 45346 - 45347
	QBK RRC POWER 10/10 Rain guard	24216	45308 - 45309 - 45310 - 45311 45348 - 45349 - 45350 - 45351
	QBK RRC POWER 12/12 Rain guard	24217	45312 - 45313 - 45314 - 45315 - 45352 - 45353 - 45354 - 45355
	QBK RRC POWER 15/15 Rain guard	24218	45316 - 45317 - 45318 - 45319 - 45356 - 45357 - 45358 - 45359
	QBK RRC POWER 18/18 Rain guard	24219	45320 - 45321 - 45322 - 45323 - 45324 - 45360 45361 - 45362 - 45363 - 45364
	QBK RRC POWER 560 Rain guard	24220	45325 - 45326 - 45327 - 45328 - 45365 - 45366 - 45367 - 45368
	QBK RRC POWER 630 Rain guard	24221	45329 - 45330 - 45331 - 45332 - 45333 - 45369 - 45370 - 45371 - 45372 - 45373
	QBK VCD POWER 9/7 - 9/9 Adjustment shutter	24222	45300 - 45301 - 45302 - 45303 - 45304 - 45305 - 45306 - 45307 - 45340 - 45341 - 45342 - 45343 - 45344 - 45345 - 45346 - 45347
	QBK VCD POWER 10/10 Adjustment shutter	24223	45308 - 45309 - 45310 - 45311 45348 - 45349 - 45350 - 45351
	QBK VCD POWER 12/12 Adjustment shutter	24224	45312 - 45313 - 45314 - 45315 - 45352 - 45353 - 45354 - 45355
	QBK VCD POWER 15/15 Adjustment shutter	24225	45316 - 45317 - 45318 - 45319 - 45356 - 45357 - 45358 - 45359
	QBK VCD POWER 18/18 Adjustment shutter	24226	45320 - 45321 - 45322 - 45323 - 45324 - 45360 45361 - 45362 - 45363 - 45364
	QBK VCD POWER 560 Adjustment shutter	24227	45325 - 45326 - 45327 - 45328 - 45365 - 45366 - 45367 - 45368
	QBK VCD POWER 630 Adjustment shutter	24228	45329 - 45330 - 45331 - 45332 - 45333 - 45369 - 45370 - 45371 - 45372 - 45373
	QBK IG 9/7 - 9/9 Intake grille	24230	45300 - 45301 - 45302 - 45303 - 45304 - 45305 - 45306 - 45307 - 45340 - 45341 - 45342 - 45343 - 45344 - 45345 - 45346 - 45347
	QBK IG 10/10 Intake grille	24231	45308 - 45309 - 45310 - 45311 45348 - 45349 - 45350 - 45351
	QBK IG 12/12 Intake grille	24232	45312 - 45313 - 45314 - 45315 - 45352 - 45353 - 45354 - 45355
	QBK IG 15/15 Intake grille	24233	45316 - 45317 - 45318 - 45319 - 45356 - 45357 - 45358 - 45359
	QBK IG 18/18 Intake grille	24234	45320 - 45321 - 45322 - 45323 - 45324 - 45360 45361 - 45362 - 45363 - 45364
	QBK IG 560 Intake grille	24235	45325 - 45326 - 45327 - 45328 - 45365 - 45366 - 45367 - 45368
	QBK IG 630 Intake grille	24236	45329 - 45330 - 45331 - 45332 - 45333 - 45369 - 45370 - 45373
	QBK SS Safety micro-switch	24237	for all models
	QBK VDP 9 - 10 - 12 - 15 - 18 Variable pulley	24238	45300 - 45301 - 45302 - 45303 - 45304 - 45305 - 45306 - 45307 - 45340 - 45341 - 45342 - 45343 - 45344 - 45345 - 45346 - 45347
	QBK VDP 560 - 630 Variable pulley	24239	45325 - 45326 - 45327 - 45328 - 45329 - 45330 - 45331 - 45332 45333 - 45365 - 45366 - 45367 - 45368 - 45369 - 45370 - 45373
	QBK FS 9/7 - 9/9 Filtering section	24240	45300 - 45301 - 45302 - 45303 - 45304 - 45305 - 45306 45307 - 45342 - 45343 - 45345 - 45346 - 45347
	QBK FS 10/10 Filtering section	24241	45308 - 45309 - 45310 - 45311 45348 - 45349 - 45350 - 45351
	QBK FS 12/12 Filtering section	24242	45312 - 45313 - 45314 - 45315 - 45352 - 45353 - 45354 - 45355
	QBK FS 15/15 Filtering section	24243	45316 - 45317 - 45318 - 45319 - 45356 - 45357 - 45358 - 45359
	QBK FS 18/18 Filtering section	24244	45320 - 45321 - 45322 - 45323 - 45324 - 45360 45361 - 45362 - 45363 - 45364
	QBK FS 560 Filtering section	24245	45325 - 45326 - 45327 - 45328 - 45365 - 45366 - 45367 - 45368
	QBK FS 630 Filtering section	24246	45329 - 45330 - 45331 - 45332 - 45333 - 45369 - 45370 - 45372 - 45373
	QBK ABC 7/7 - 9/9 Filtering section	24200	45301 - 45302 - 45303 - 45304 - 45305 - 45306 - 45307 - 45342 45343 - 45345 - 45346 - 45347
	QBK ABC 10/10 - 12/12 Air cowling	24202	45308 - 45309 - 45310 - 45311 - 45348 - 45349 45350 - 45351 - 45312 - 45313 - 45314 - 45315 45352 - 45353 - 45354 - 45355

Accessories of cabinet QBK POWER cannot be ordered separately but only in association with them. The required accessories will be mounted directly on the cabinets prior to delivery.

When the air is “good” the quality of our work improves.

Air pollution inside buildings is caused by humans and their actions.

For the sake of our health, it is vital to ventilate our homes and workplaces in order to improve the air quality inside. Vortice® offers a wide range of products designed specifically for commercial ventilation.

CE MARKING

Commercial Ventilation appliances conform to the following European Directives:

- 2006/42/EC Machines Directive (MD)
- 2006/95/EC Low Voltage Directive (LVD)
- 2004/108/EC Electromagnetic Compatibility Directive (EMC)
- 2009/125/EC ErP Directive, Ecocompatible design of energy-related products in accordance with EU regulation 327/2011.

According to the following state-of-the-art Standards:

Safety:

EN 60204-1
EN ISO 12100-1
EN ISO 12100-2
EN ISO 12499
EN ISO 13857
EN 60335-1
EN 60335-2-80
EN 62233

EMC:

EN 55014-1
EN 55014-2
EN 61000-3-2
EN 61000-3-3

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