

**NEW**



**LONG LIFE 30.000 h**

# 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 (*)	
CA 200 V0 E	16038	90	0.40	2615	840	233	45	441	50.3 (**)	55
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 (**)	

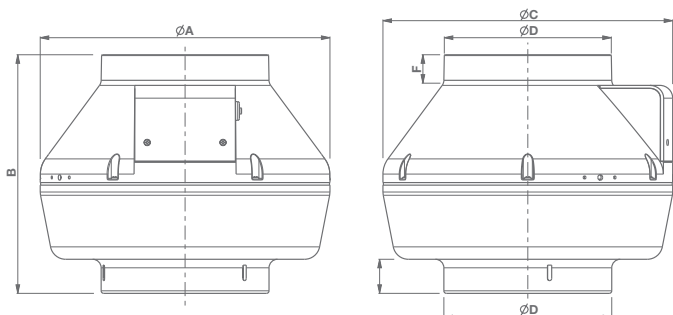
\* Sound pressure level measured at 3 m in free field conditions with long-cased appliance in delivery mode in accordance with standard EN ISO 3741:2009.

\*\* 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.



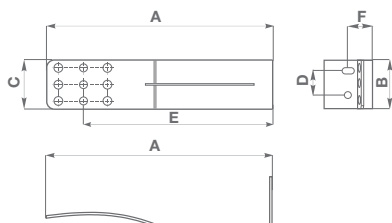
**DIMENSIONS**



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				247			60	4.0
CA 250 V0 E	400	340	400	312	75	40	4.3	
CA 315 V0 E							6.5	

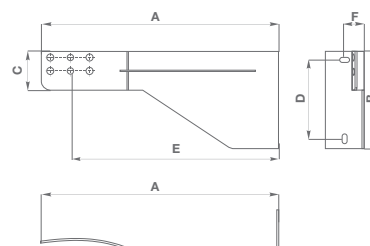
Dimensions (mm)

*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)*









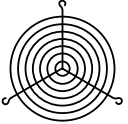



Models	A	B	C	D	E	F
brackets	245	100	40	80	215	10

**SOUND LEVELS**

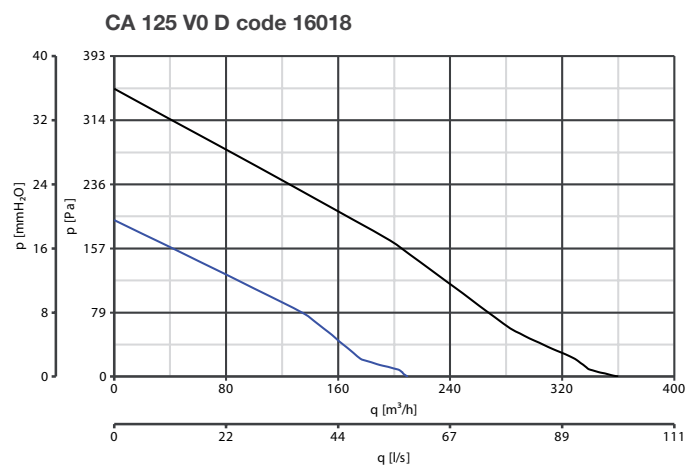
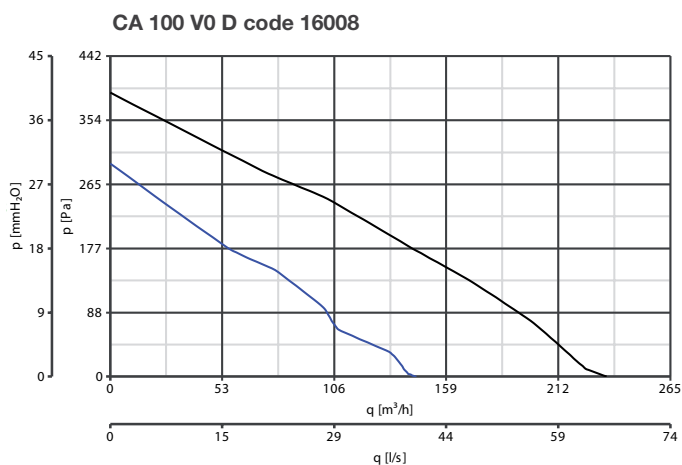
Models	Code		63	125	250	500	1000	2000	4000	8000
CA 100 V0 D	16008	<i>max speed</i>	43.6	54.4	69.3	64.0	65.2	63.1	60.0	53.1
CA 125 V0 D	16018		47.2	54.6	69.0	65.8	66.2	63.0	59.8	52.3
CA 150 V0 D	16028		44.6	52.6	66.1	62.9	65.8	63.0	61.9	51.7

## PRODUCT ACCESSORIES

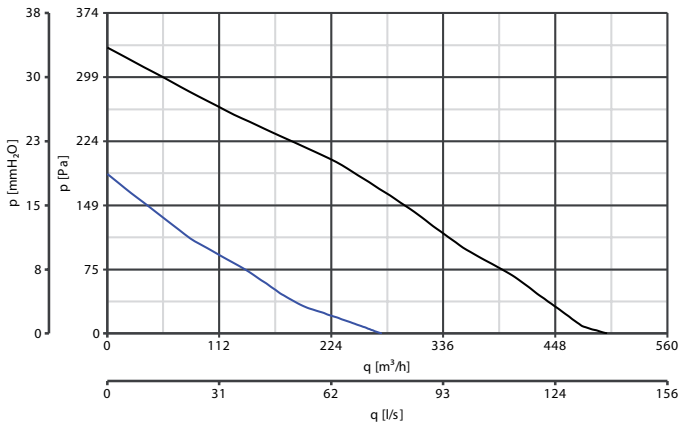
Models	Description	Code	Product							
			CA 100 V0 D code 16008	CA 125 V0 D code 16018	CA 150 V0 D code 16028	CA 200 V0 Q code 16035	CA 200 V0 E code 16038	CA 250 V0 E code 16039	CA 315 V0 E code 16041	
	C 1.5 Electronic speed controller	12966	●	●	●	●	●	●	●	
	C 2.5 Electronic speed controller	12967	●	●	●	●	●	●	●	
	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.

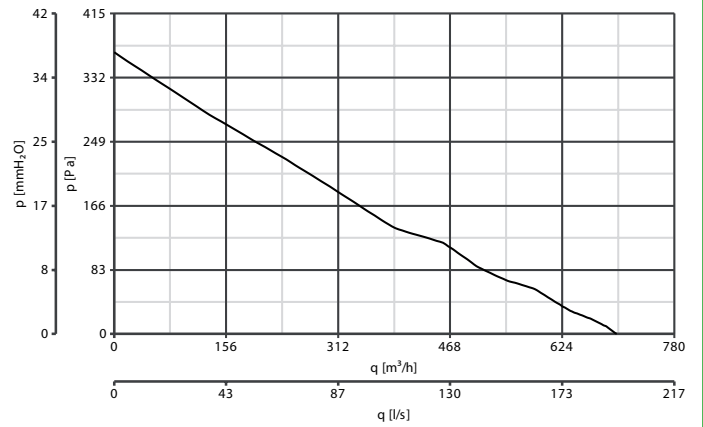
## PERFORMANCE CURVES



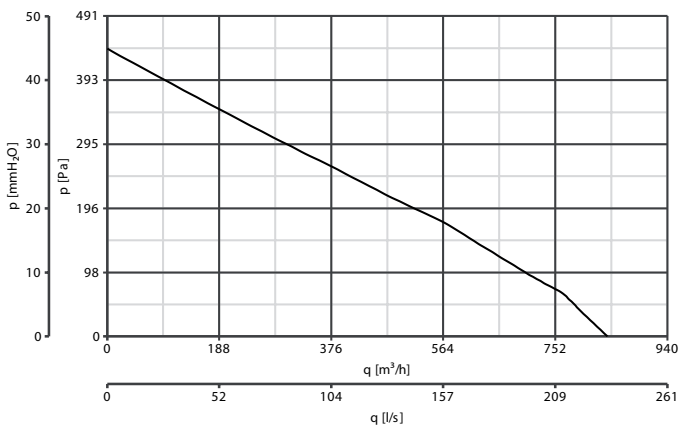
CA 150 V0 D code 16028



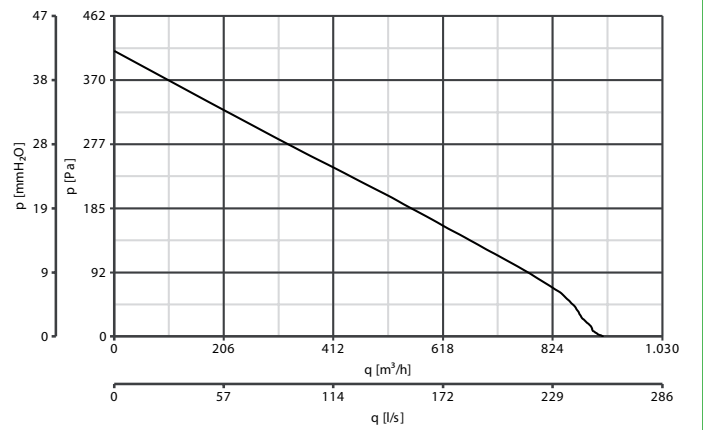
CA 200 V0 Q code 16035



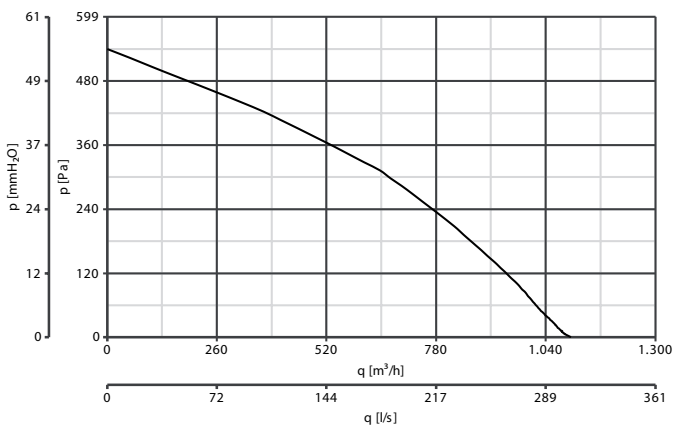
CA 200 V0 E code 16038



CA 250 V0 E code 16039



CA 315 V0 E code 16041



— min. — max.