

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.

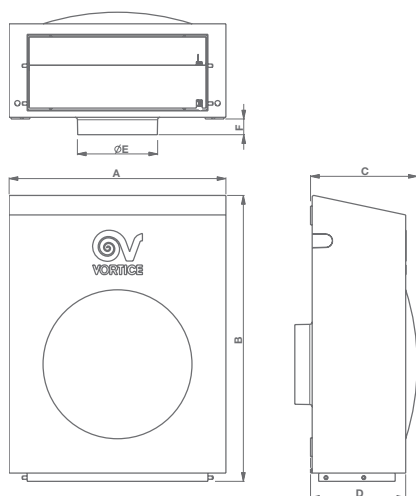
** Sound pressure level measured at 3 m in free field conditions with long-cased appliance in delivery mode in accordance with standard EN ISO 9614.

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

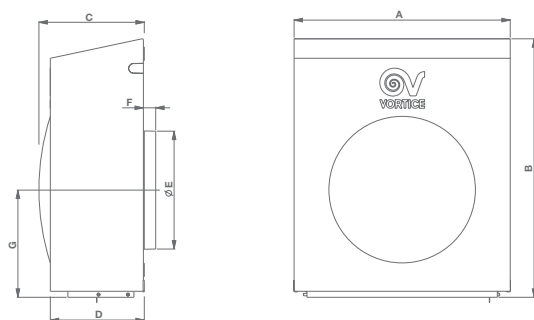
CA WE D



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					97			
CA 150 Q WE D					97			
CA 150 WE D E	360	430	173	155	147	20	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

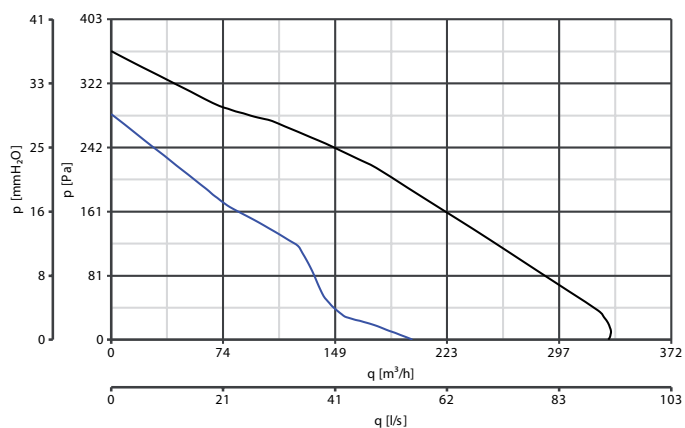
PRODUCT ACCESSORIES

Models	Description	Code	Product					
			CA 100 WE D code 16091	CA 125 WE D code 16092	CA 150 Q WE D code 16093	CA 150 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	●	●	●			

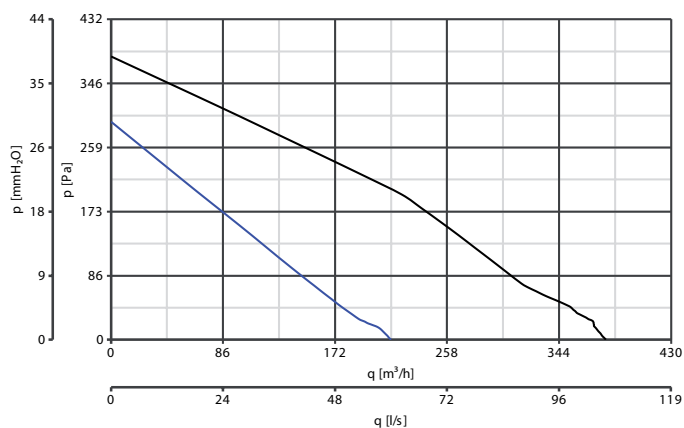
Description and sizes on page 236; System components on page 330.

PERFORMANCE CURVES

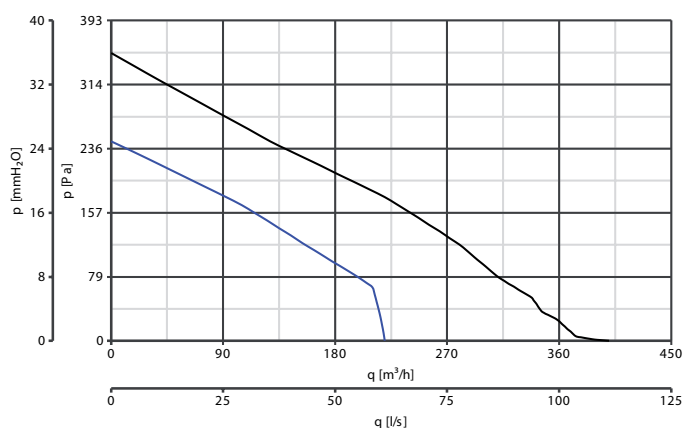
CA 100 WE D code 16091



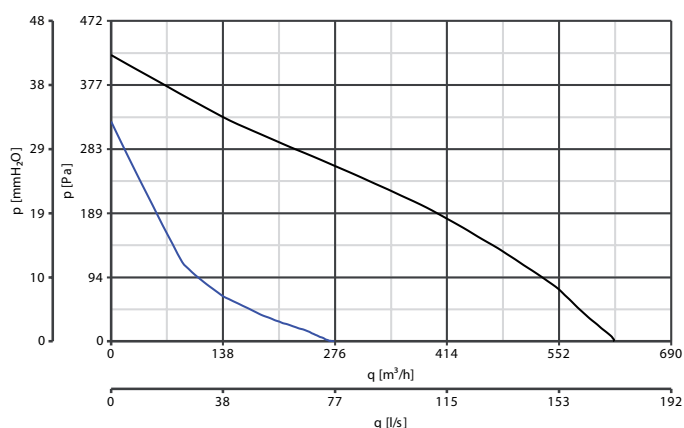
CA 125 WE D code 160092



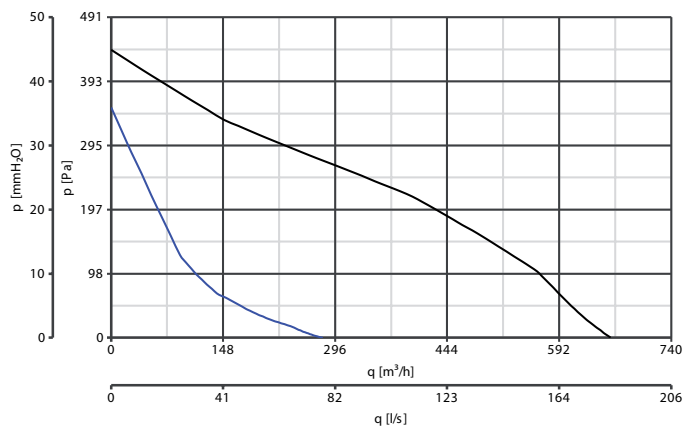
CA 150 Q WE D code 16093



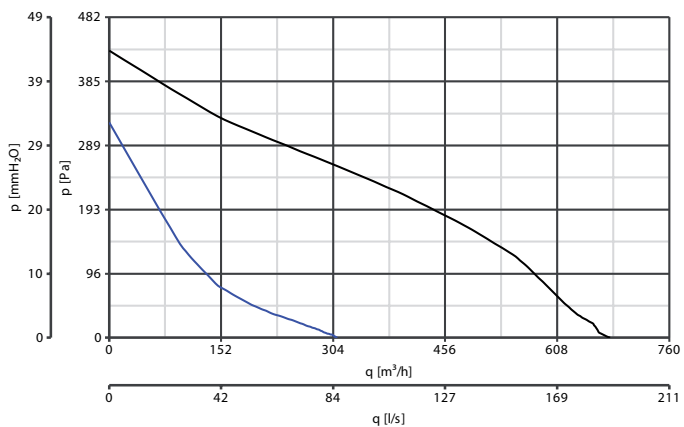
CA 150 WE D E code 16087



CA 160 WE D E code 16088



CA 200 WE D E code 16089



— min. — max.