

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...



LONG LIFE 30.000 h

- **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.
- 2 speed motors (offer 2 levels of airflow, pressure, noise emissions and consumption).
- Low specific consumption levels.
- Low noise levels.
- 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.□

TECHNICAL DATA

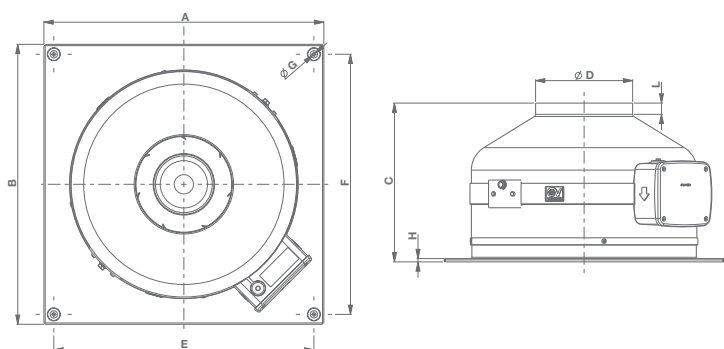
Models	Code	W min/max	A min/max	RPM min/max	Max Airflow		Max Pressure		Lp dB(A)* min/max	Max °C
					m³/h min/max	l/s min/max	mmH₂O min/max	Pa min/max		
CA 100 MD E W	16120	38 - 85	0.28 - 0.40	1520 - 2400	250 - 470	69 - 130	26 - 37	255 - 363	19.2 - 35.7	50
CA 125 MD E W	16121	38 - 85	0.28 - 0.40	1300 - 2350	300 - 493	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	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 - 43.04	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	60 - 115	0.51 - 0.53	1450 - 2620	530 - 930	147 - 258	30 - 49	294 - 480	31.06 - 50.08	55
CA 315 MD E W	16137	58 - 125	0.50 - 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	334	334	210	97	304	304	5	5	15	3.3
CA 125 MD E W				122					23	3.3
CA 150 Q MD E W				147					30	3.3
CA 150 MD E W	424	424	245	147	394	394	5	5	17	5.5
CA 160 MD E W				157					18	5.5
CA 200 MD E W				197					20	5.5
CA 250 MD E W				247					38	6.1
CA 315 MD E W	489	489	260	312	459	459	5	5	36	11

Dimensions (mm)

PRODUCT ACCESSORIES

Models		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	●	●	●	●	●	●	●	●

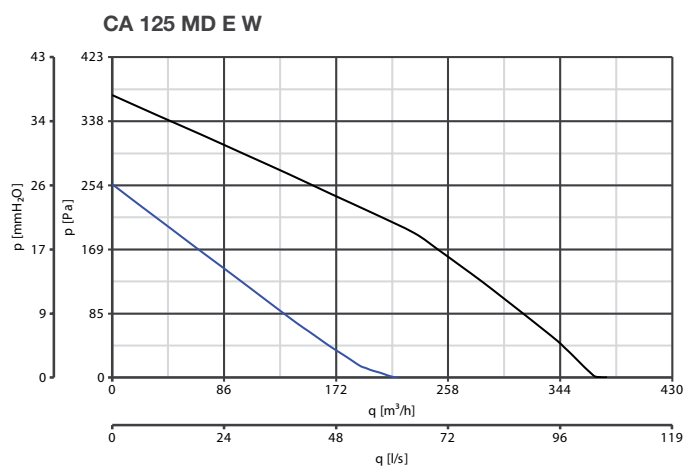
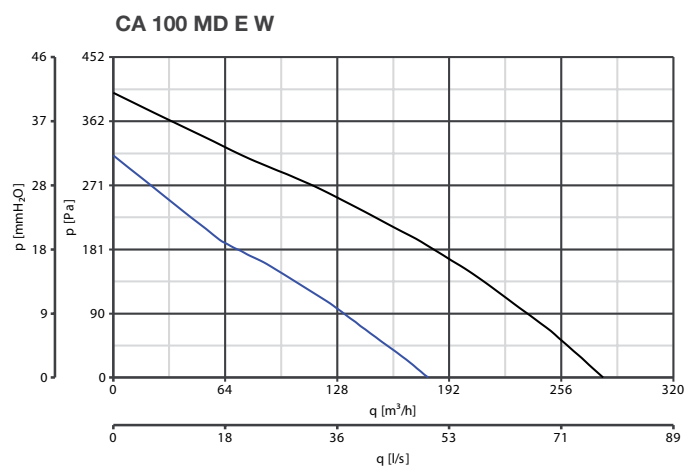
Description and sizes on page 98

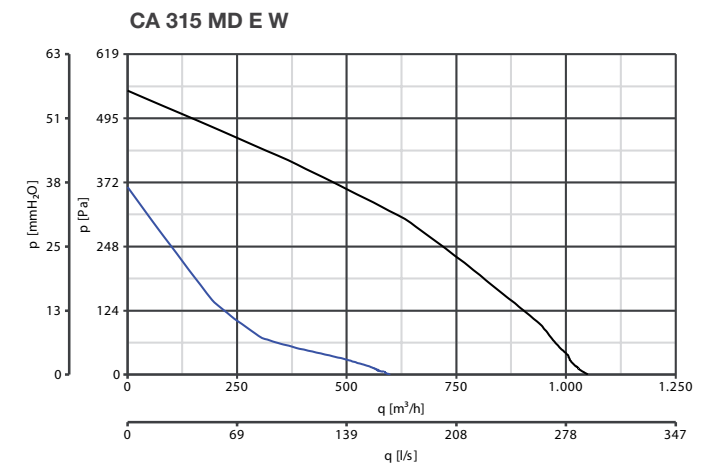
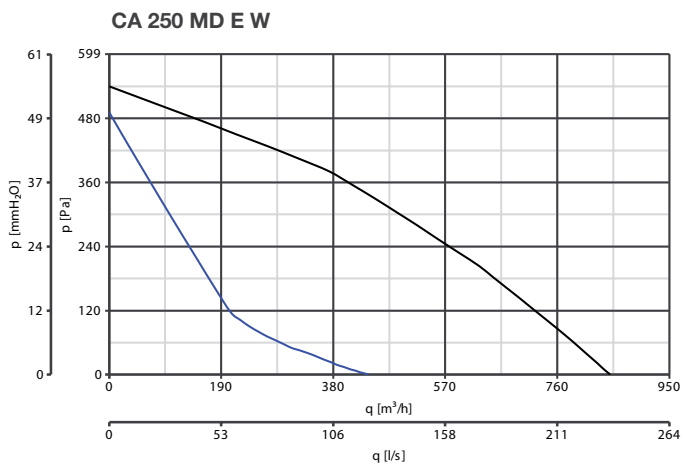
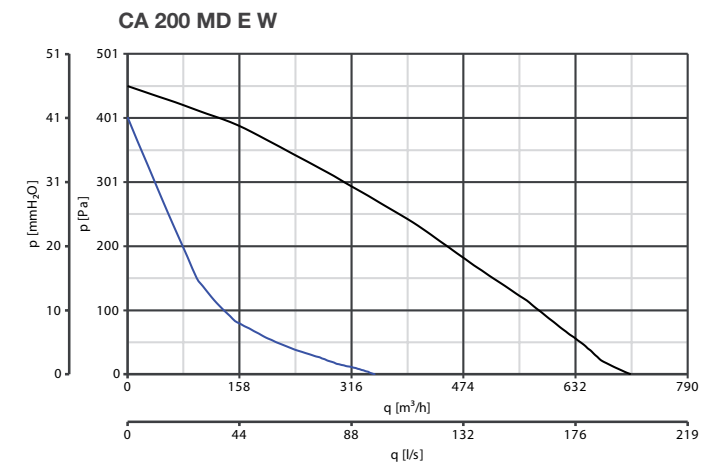
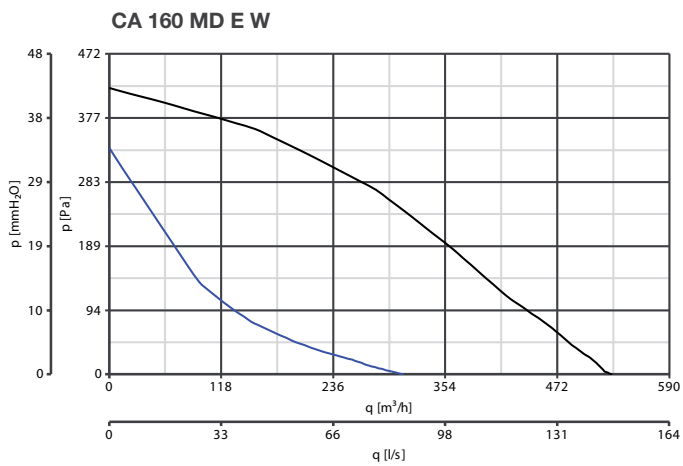
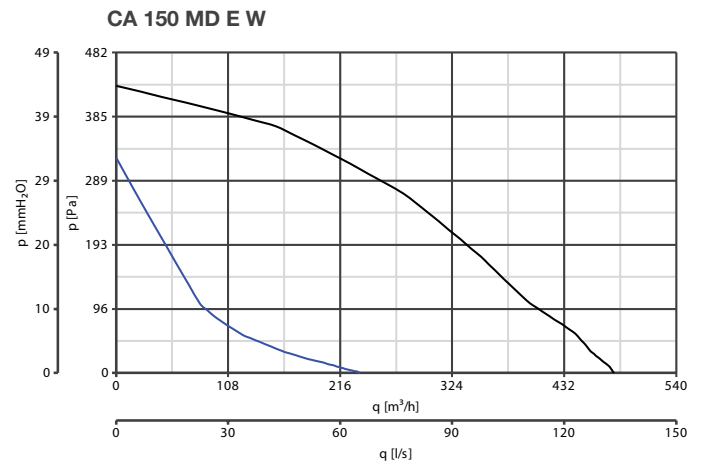
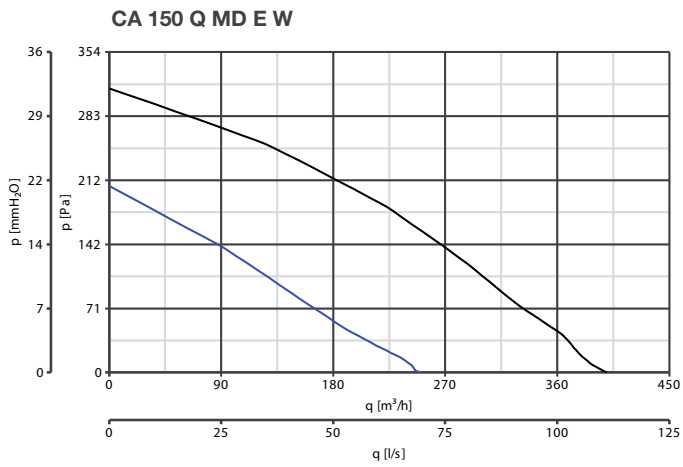
SYSTEM COMPONENTS

Models		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
	PGR 250 Gravity shutter	50150	•	•	•					
	PGR 350 Gravity shutter	50350				•				
	PGR 400 Gravity shutter	50450					•	•	•	
	PGR 450/500 Gravity shutter	50550								•
	TRA 250 Delivery side protective grille	51150	•	•	•					
	TRA 350 Delivery side protective grille	51350				•				
	TRA 400 Delivery side protective grille	51450					•	•	•	
	TRA 450/500 Delivery side protective grille	51550								•
	IN-LINE-S 100 Backdraught shutter nominal diameter 100 mm	22551	•							
	IN-LINE-S 125 Backdraught shutter nominal diameter 125 mm	22556		•						
	IN-LINE-S 150 Backdraught shutter nominal diameter 150 mm	22562			•	•				
	IN-LINE-S 160 Backdraught shutter nominal diameter 160 mm	22563					•			
	IN-LINE-S 200 Backdraught shutter nominal diameter 200 mm	22566						•		
	IN-LINE-S 250 Backdraught shutter nominal diameter 250 mm	22571							•	
	IN-LINE-S 315 Backdraught shutter nominal diameter 315 mm	22576								•
	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								•
	CA-FU 100 Pipe clamps (2 pieces) nominal diameter 100	22667	•							
	CA-FU 125 Pipe clamps (2 pieces) nominal diameter 125	22668		•						
	CA-FU 150 Pipe clamps (2 pieces) nominal diameter 150	22669			•	•				
	CA-FU 160 Pipe clamps (2 pieces) nominal diameter 160	22666					•			
	CA-FU 200 Pipe clamps (2 pieces) nominal diameter 200	22671						•		
	CA-FU 250 Pipe clamps (2 pieces) nominal diameter 250	22672							•	
	CA-FU 315 Pipe clamps (2 pieces) nominal diameter 315	22673								•

Description and sizes on page 98

PERFORMANCE CURVES





— min. — max.

