

**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.
- 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.□



**LONG LIFE 30.000 h**

## TECHNICAL DATA

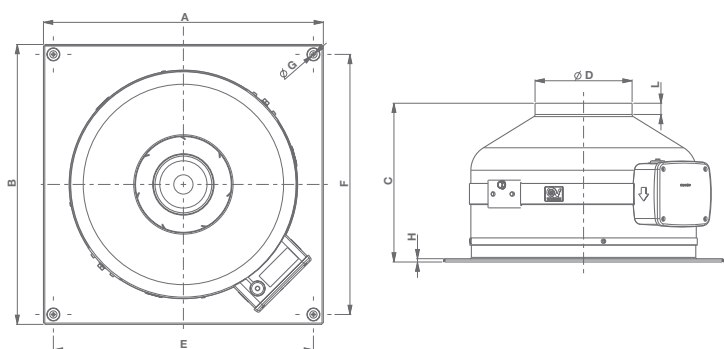
Models	Code	W min/max	A min/max	RPM min/max	Max Airflow		Max Pressure		Lp dB(A)* min/max	Max °C
					m³/h min/max	l/s min/max	mmH₂O min/max	Pa min/max		
<b>CA 100 MD E W</b>	<b>16120</b>	38 - 85	0.28 - 0.40	1520 - 2400	250 - 470	69 - 130	26 - 37	255 - 363	19.2 - 35.7	50
<b>CA 125 MD E W</b>	<b>16121</b>	38 - 85	0.28 - 0.40	1300 - 2350	300 - 493	83 - 136	23 - 36	225 - 353	25.5 - 39.4	50
<b>CA 150 Q MD E W</b>	<b>16122</b>	38 - 85	0.28 - 0.40	1460 - 2340	305 - 510	85 - 142	20 - 32	196 - 314	28.3 - 38	50
<b>CA 150 MD E W</b>	<b>16133</b>	45 - 85	0.37 - 0.38	1925 - 2690	480 - 630	133 - 175	37 - 43	363 - 422	41.4 - 53.3	55
<b>CA 160 MD E W</b>	<b>16134</b>	45 - 85	0.37 - 0.38	1785 - 2650	570 - 690	158 - 191	35 - 43	343 - 422	43 - 43.04	55
<b>CA 200 MD E W</b>	<b>16135</b>	45 - 90	0.37 - 0.40	1590 - 2590	590 - 870	164 - 241	39 - 45	382 - 441	37.9 - 48.2	55
<b>CA 250 MD E W</b>	<b>16136</b>	60 - 115	0.51 - 0.53	1450 - 2620	530 - 930	147 - 258	30 - 49	294 - 480	31.06 - 50.08	55
<b>CA 315 MD E W</b>	<b>16137</b>	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				312					459	459






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
	<b>C 1.5</b> Electronic speed controller 1.5 A	12966	●	●	●	●	●	●		●
	<b>C 2.5</b> Electronic speed controller 2.5 A	12967							●	
	<b>SCB</b> Built-in controller adaptor for <b>C 1.5</b> and <b>C 2.5</b>	22481	12966 - 12967							
	<b>C HCS</b> Environmental sensor for humidity	12994	●	●	●	●	●	●	●	●
	<b>C TEMP</b> Environmental sensor for temperature	12992	●	●	●	●	●	●	●	●
	<b>C SMOKE</b> Environmental sensor for air quality	12993	●	●	●	●	●	●	●	●
	<b>C PIR</b> Passive infrared sensor	12998	●	●	●	●	●	●	●	●
	<b>C TIMER</b> Adjustable over-run timer	12999	●	●	●	●	●	●	●	●

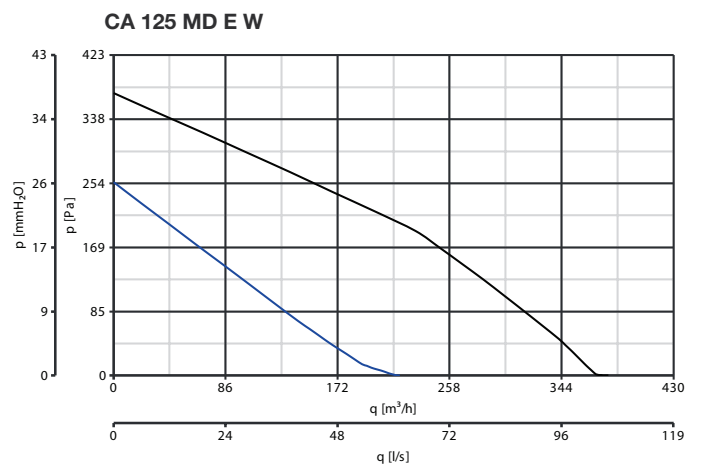
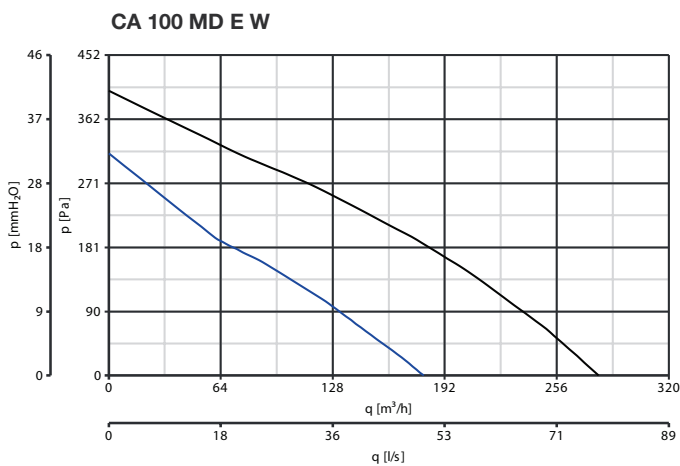
Description and sizes on page 98

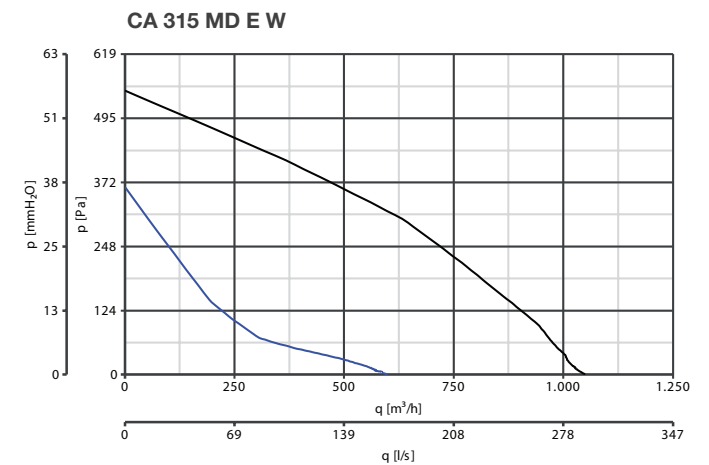
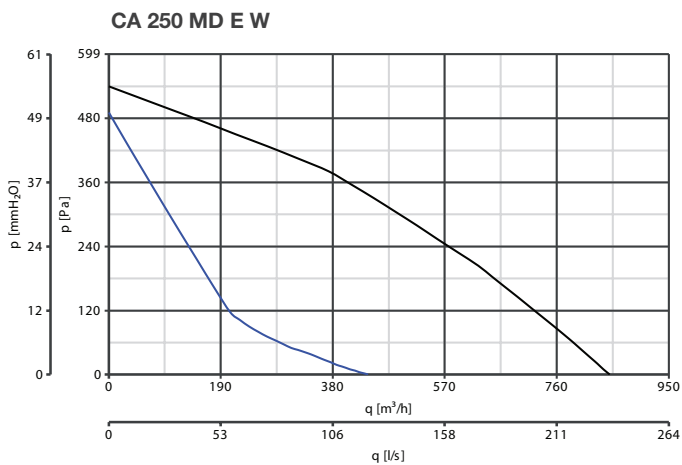
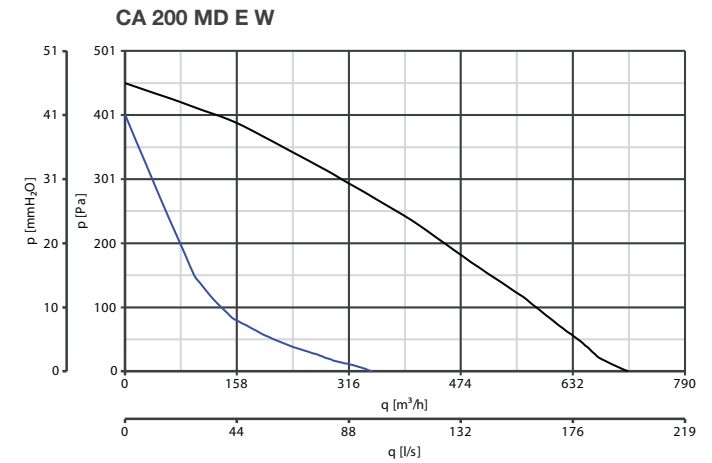
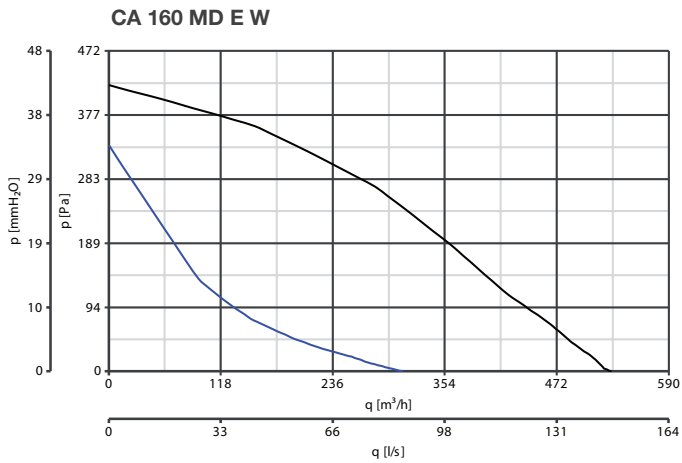
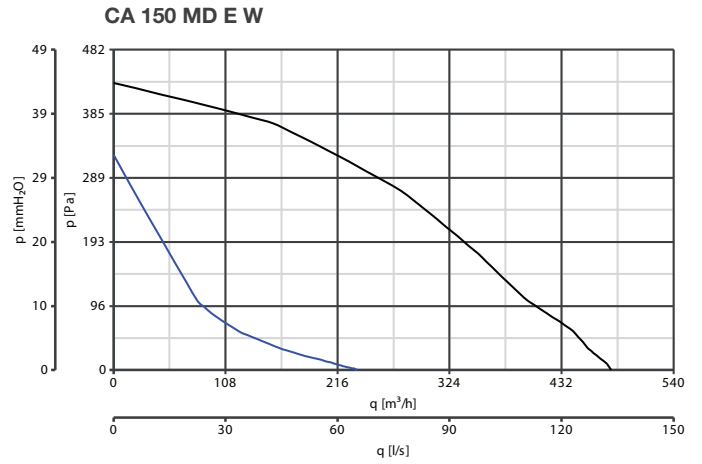
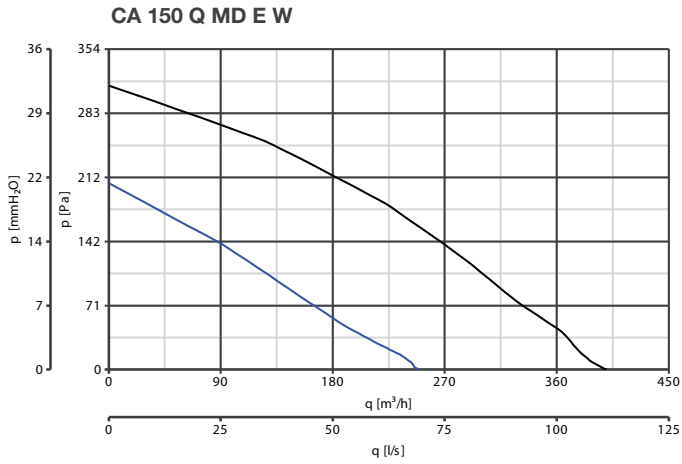
## SYSTEM COMPONENTS

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		
	<b>PGR 250</b> Gravity shutter	50150	•	•	•						
	<b>PGR 350</b> Gravity shutter	50350				•					
	<b>PGR 400</b> Gravity shutter	50450					•	•	•		
	<b>PGR 450/500</b> Gravity shutter	50550								•	
	<b>TRA 250</b> Delivery side protective grille	51150	•	•	•						
	<b>TRA 350</b> Delivery side protective grille	51350				•					
	<b>TRA 400</b> Delivery side protective grille	51450					•	•	•		
	<b>TRA 450/500</b> Delivery side protective grille	51550								•	
	<b>IN-LINE-S 100</b> Backdraught shutter nominal diameter 100 mm	22551	•								
	<b>IN-LINE-S 125</b> Backdraught shutter nominal diameter 125 mm	22556		•							
	<b>IN-LINE-S 150</b> Backdraught shutter nominal diameter 150 mm	22562			•	•					
	<b>IN-LINE-S 160</b> Backdraught shutter nominal diameter 160 mm	22563					•				
	<b>IN-LINE-S 200</b> Backdraught shutter nominal diameter 200 mm	22566						•			
	<b>IN-LINE-S 250</b> Backdraught shutter nominal diameter 250 mm	22571							•		
	<b>IN-LINE-S 315</b> Backdraught shutter nominal diameter 315 mm	22576								•	
	<b>CA-G 100</b> Intake protection grille nominal diameter 100 mm	22750	•								
	<b>CA-G 125</b> Intake protection grille nominal diameter 125 mm	22755		•							
	<b>CA-G 150</b> Intake protection grille nominal diameter 150 mm	22760			•	•					
	<b>CA-G 160</b> Intake protection grille nominal diameter 160 mm	22762					•				
	<b>CA-G 200</b> Intake protection grille nominal diameter 200 mm	22765						•			
	<b>CA-G 250</b> Intake protection grille nominal diameter 250 mm	22770							•		
	<b>CA-G 315</b> Intake protection grille nominal diameter 315 mm	22775								•	
	<b>CA-FU 100</b> Pipe clamps (2 pieces) nominal diameter 100	22667	•								
	<b>CA-FU 125</b> Pipe clamps (2 pieces) nominal diameter 125	22668		•							
	<b>CA-FU 150</b> Pipe clamps (2 pieces) nominal diameter 150	22669			•	•					
	<b>CA-FU 160</b> Pipe clamps (2 pieces) nominal diameter 160	22666					•				
	<b>CA-FU 200</b> Pipe clamps (2 pieces) nominal diameter 200	22671						•			
	<b>CA-FU 250</b> Pipe clamps (2 pieces) nominal diameter 250	22672							•		
	<b>CA-FU 315</b> Pipe clamps (2 pieces) nominal diameter 315	22673								•	

Description and sizes on page 98

## PERFORMANCE CURVES





— min. — max.

