

NEW

## CA MD E RF RANGE

Centrifugal duct fans for roof mounting

*Suitable for outdoor roof installation at the end of ventilation ducts in residential and industrial environments for the channelling of clean air: factories, hospitals, gyms, restaurants, etc...*



LONG LIFE 30.000 h

- **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.
- 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.
- 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.
- Insulation class: II. □

### TECHNICAL DATA

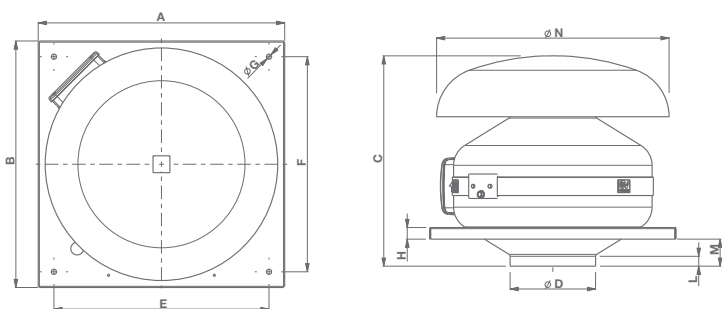
Models	Code	W min/max	A min/max	RPM min/max	Max Airflow		Max Prssure		Lp dB(A)* min/max	Max °C
					m³/h min/max	l/s min/max	mmH <sub>2</sub> O min/max	Pa min/max		
CA 100 MD E RF	16140	38 - 85	0.28 - 0.40	1590 - 2430	180 - 280	50 - 78	32 - 41	314 - 402	27.3 - 37.5	50
CA 125 MD E RF	16141	38 - 85	0.28 - 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 - 31.7	55
CA 250 MD E RF	16186	60 - 115	0.51 - 0.53	1490 - 2630	410 - 760	114 - 211	38 - 50	373 - 490	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	20	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			375	247					38		534	7.9
CA 315 MD E RF	489	489	415	312	435	435			36	65		14

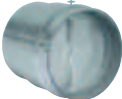
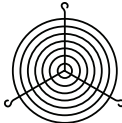

Dimensions (mm)

## PRODUCT ACCESSORIES

Models		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
	<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	●	●	●	●	●	●	●	●
	<b>CARF-C 125</b> Sub-frame	22543		●						
	<b>CARF-C 150-160-200</b> Sub-frame	22544			●	●	●	●		
	<b>CARF-C 250-315</b> Sub-frame	22545							●	●

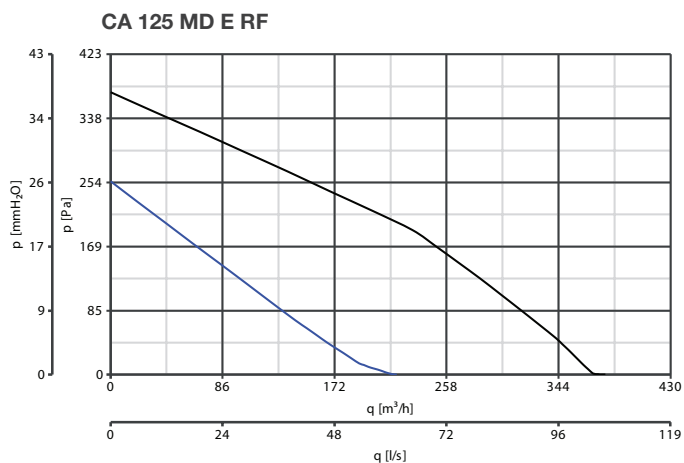
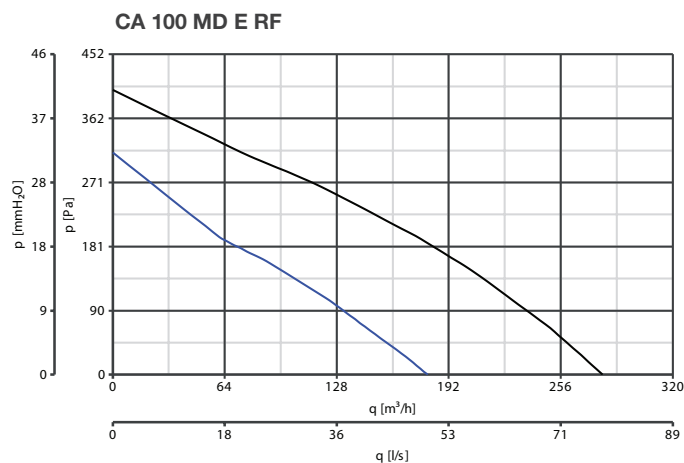
Description and sizes on page 98

## SYSTEM COMPONENTS

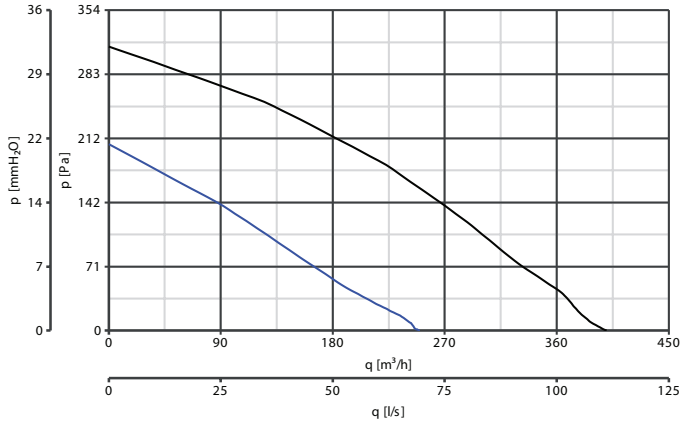
Models	Code	Product							
		CA 100 MD E RF code 16140	CA 125 MD E RF code 16141	CA 150 Q MD E RF code 16142	CA 150 MD E RF code 16183	CA 160 MD E RF code 16184	CA 200 MD E RF code 16185	CA 250 MD E RF code 16186	CA 250 MD E RF code 16187
	<b>IN-LINE-S 100</b> Backdraught shutter nominal diameter 100 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	22771							●
	<b>CA-FU 100</b> Pipe clamps (2 pieces) nominal diameter 100 mm	22667	●						
	<b>CA-FU 125</b> Pipe clamps (2 pieces) nominal diameter 125 mm	22668		●					
	<b>CA-FU 150</b> Pipe clamps (2 pieces) nominal diameter 150 mm	22669			●	●			
	<b>CA-FU 160</b> Pipe clamps (2 pieces) nominal diameter 160 mm	22666					●		
	<b>CA-FU 200</b> Pipe clamps (2 pieces) nominal diameter 200 mm	22671						●	
	<b>CA-FU 250</b> Pipe clamps (2 pieces) nominal diameter 250 mm	22672							●
	<b>CA-FU 315</b> Pipe clamps (2 pieces) nominal diameter 315 mm	22673							●

Description and sizes on page 98

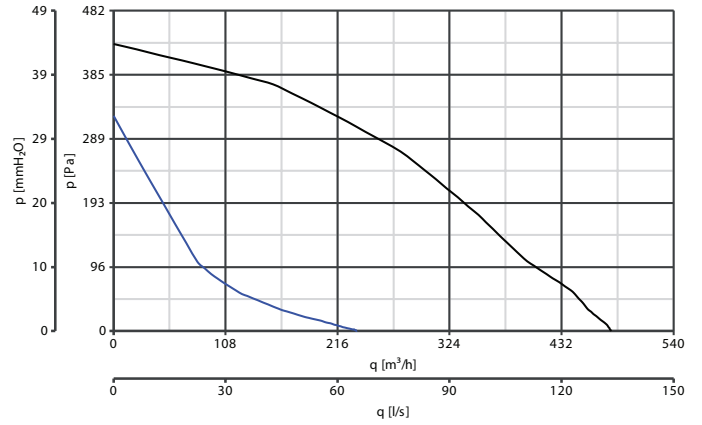
## PERFORMANCE CURVES



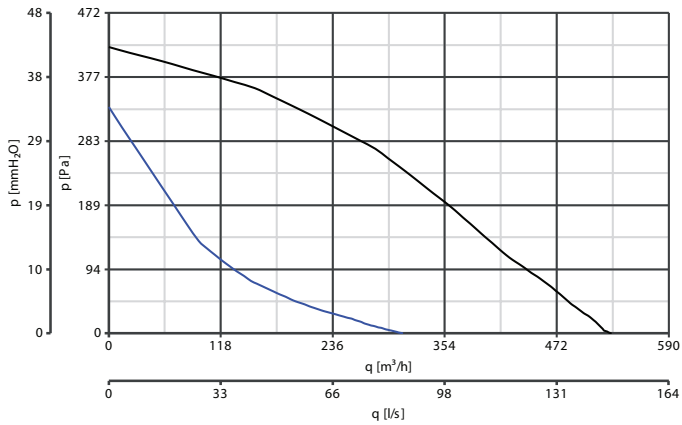
**CA 150 Q MD E RF**



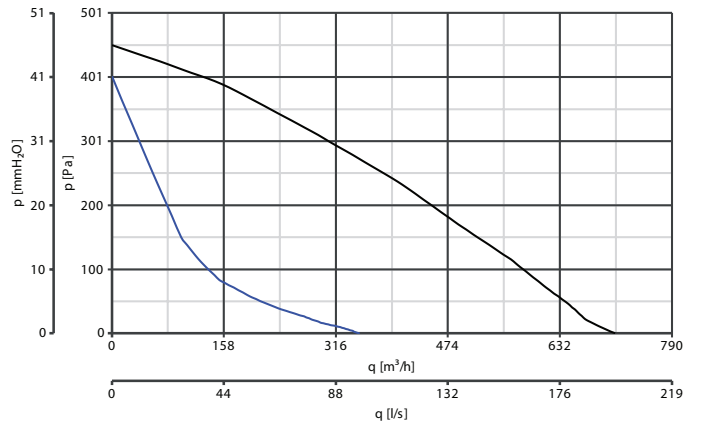
**CA 150 MD E RF**



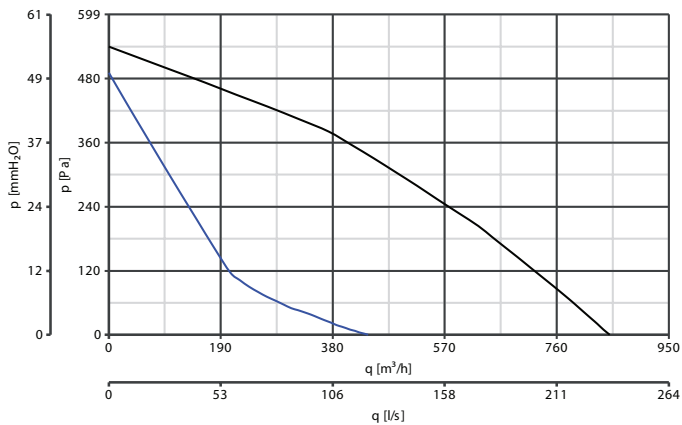
**CA 160 MD E RF**



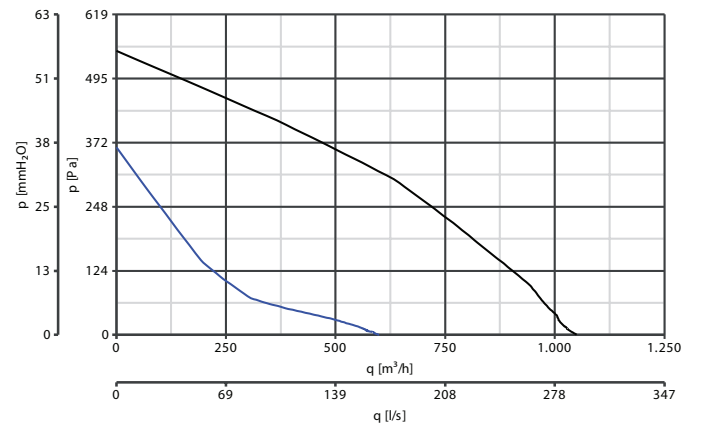
**CA 200 MD E RF**



**CA 250 MD E RF**



**CA 315 MD E RF**



— min. — max.

