



DUCTED FANS

CA V0 RANGE



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In-line centrifugal fans in self-extinguishing plastic

Self-extinguishing plastic resin centrifugal duct fans, installed in false ceilings or in attics. The ideal low-visual impact ventilation solution for residential, commercial or industrial premises (kitchens, toilets, laboratories, bars, restaurants, laundries, shops, etc.).

Versions

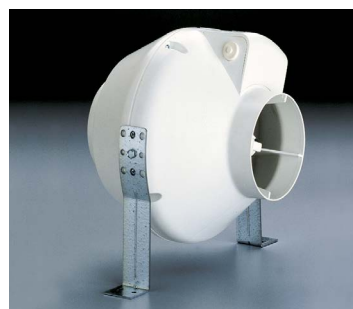
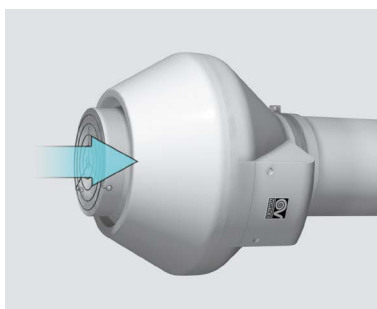
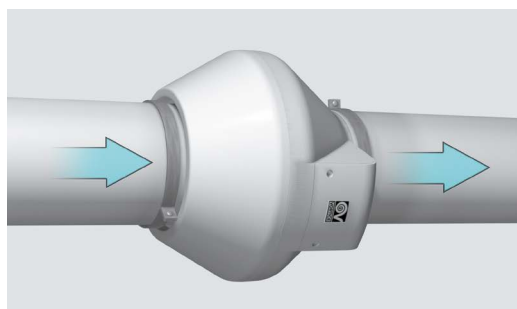
- 7 models, with nominal diameter between 100 and 315 mm.

Key features

- Built to withstand aggressive agents.
- Standard supplied support brackets.
- High protection rating from dust and water for safe use in industrial environments.
- Wide continuous operation temperature range (-25 °C / + 50 °C).
- Can be installed horizontally, vertically or sloping.
- Fully compliant with Reg. ErP 2018 N. 1253/2014

Technical features

- Casing built into the boxes containing the mains connection terminals and the flow conditioner fins, constructed in self-extinguishing plastic resin (V0).
- 3 speed fans that can be set using optional device TRIO-CA (code 12869), composed of:
 - AC motors with thermal overload cut-out and shafts turning on ball bearings to guarantee long lasting continuous service (at least 30,000 h) at the maximum plate temperature.
 - Backward-curve, heat resistant plastic resin blade impellers loaded with glass fibre to combine structural strength and dimensional stability.
 - Galvanised steel sheet brackets for wall, ceiling and false ceiling installation.
- Possibility of connecting to remote environmental temperature, humidity, smoke and presence sensors (optional).
- Protection rating from dusts and water: IP44 (appliance ducted in extraction and delivery).
- Insulation Class: II .





TECHNICAL DATA

Models	Code	V _n 50/60HZ				Max Airflow		Max Pressure		LP DB(A) 3m	Max °C	KG
			W min/med/max	A min/med/max	RPM min/med/max	m³/h min/med/max	l/s min/med/max	mmH ₂ O min/med/max	Pa min/med/max			
CA100 V0 D	16008	220-240	14 27 50	0.14 0.19 0.22	1660 - 2400	85 156 251	24 43 69.7	27 36 37	269 360 366	51 - 56*	50	2.4
CA125 V0 D	16018	220-240	14 27 52	0.14 0.19 0.22	1480 - 2400	107 200 300	29 55 83	19 33 34.7	195 333 340	45 - 56*	50	2.3
CA150 V0 D	16028	220-240	14 27 52	0.14 0.19 0.22	1400 - 2400	150 275 460	41 76 128	8.4 24 31.8	83 241 312	44 - 56*	50	2.6
CA200 V0 Q	16035	220-240	35 48 104	0.35 0.40 0.45	- - 2355	310 415 805	87 115 224	22 35 44.7	215 351 438	- - 59*	50	3.1
CA200 V0 E	16038	220-240	39 58 90	0.35 0.40 0.40	1320 2015 2611	387.1 605 775	107.5 - 215.3	24.6 39.2 42.2	241.2 392 413.9	- - 50.3**	50	3.5
CA250 V0 E	16039	220-240	45 62 90	0.37 0.39 0.40	1600 2190 2610	525 730 855	145.8 202 237.5	22.2 35 38.1	218 344 373.3	- - 49.9**	50	3.7
CA315 V0 E	16041	220-240	48 80 120	0.48 0.57 0.54	1280 1970 2640	527 825 1100	146.3 229 305.5	27.5 50 56.6	270 488 554.7	- - 54**	55	5.5
CA315 V0 SE	16090	220-240	195	0,85	2790	1560	433	66	649	64	45	6.6

* 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.

** 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.

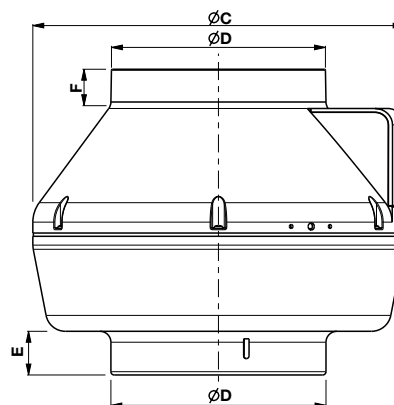
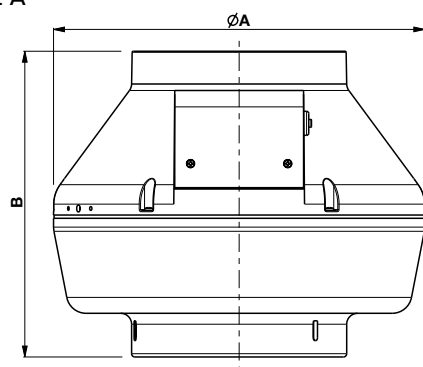


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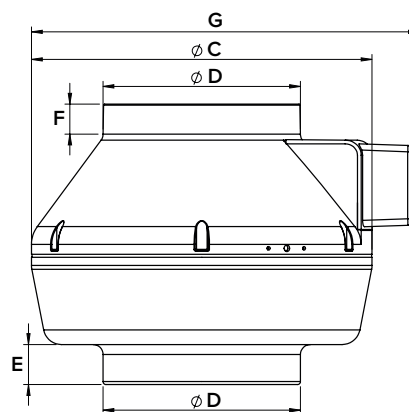
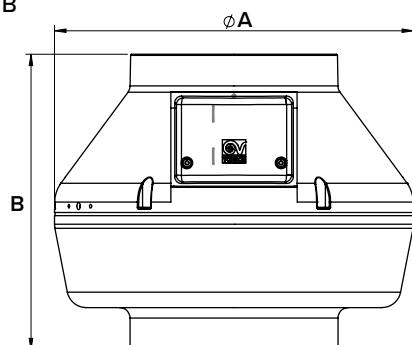
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DIMENSIONS

TYPE A



TYPE B



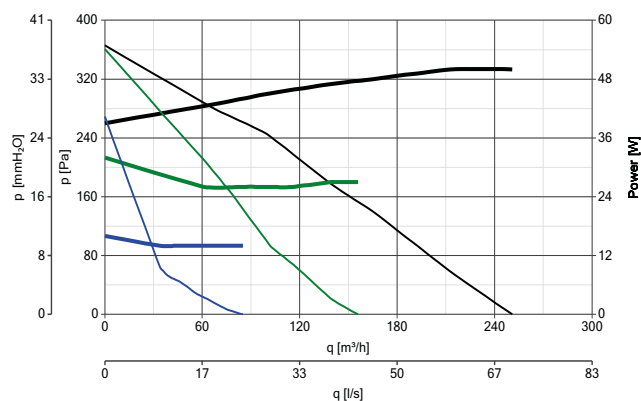
MODELS	ØA	B	ØC	ØD	E	F	G
CA 100 V0 D (TYPE A)	250	250	250	97	30	30	-
CA 125 V0 D (TYPE A)	250	250	250	122	30	30	-
CA 150 V0 D (TYPE A)	300	305	300	147/157	30/60	30/60	-
CA 200 V0 Q (TYPE B)	340	280	340	197	40	30	390
CA 200 V0 E (TYPE B)	340	280	340	197	40	30	390
CA 250 V0 E (TYPE B)	340	305	340	247	60	30	390
CA 315 V0 E (TYPE B)	400	340	400	312	75	40	438
CA 315 V0 SE (TYPE B)	400	340	400	312	75	40	438

Dimensions (mm)

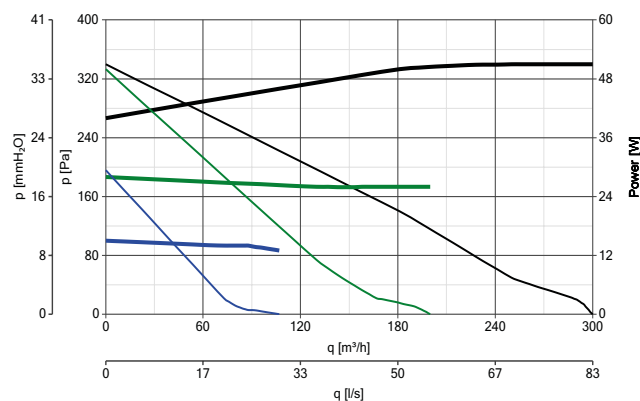


PERFORMANCE CURVES

CA 100 V0 D



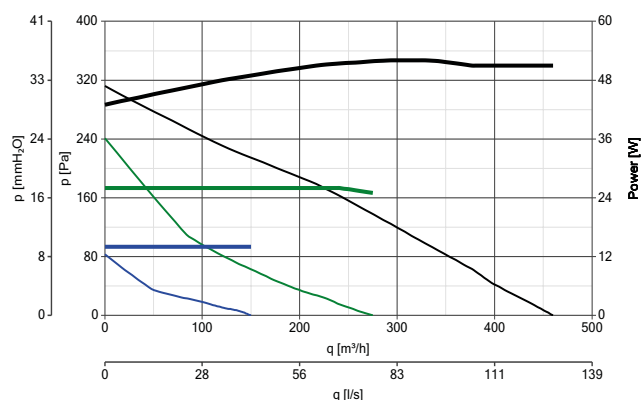
CA 125 V0 D



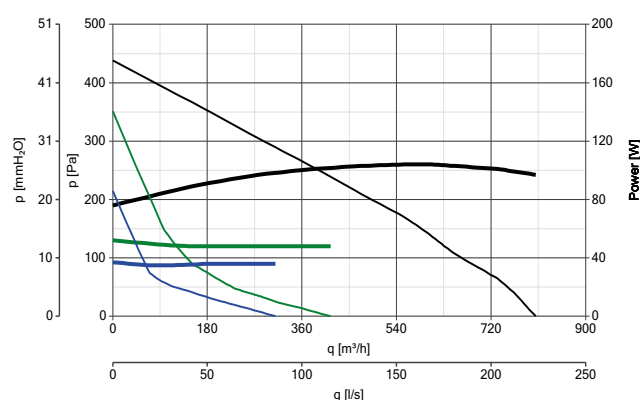
POWER CONSUMPTION
 — max
 — med
 — min

PERFORMANCE CURVES
 — max
 — med
 — min

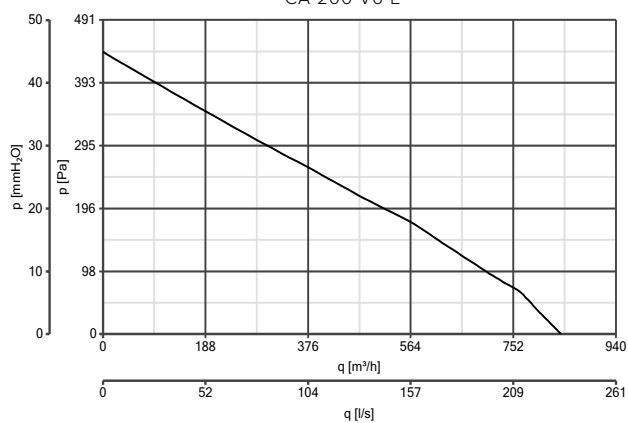
CA 150 V0 D



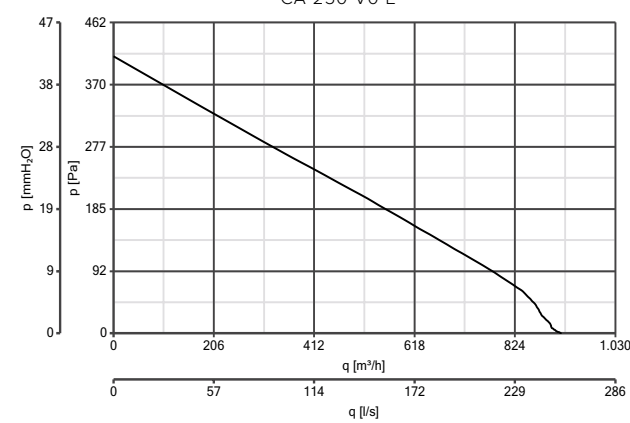
CA 200 V0 Q



CA 200 V0 E



CA 250 V0 E



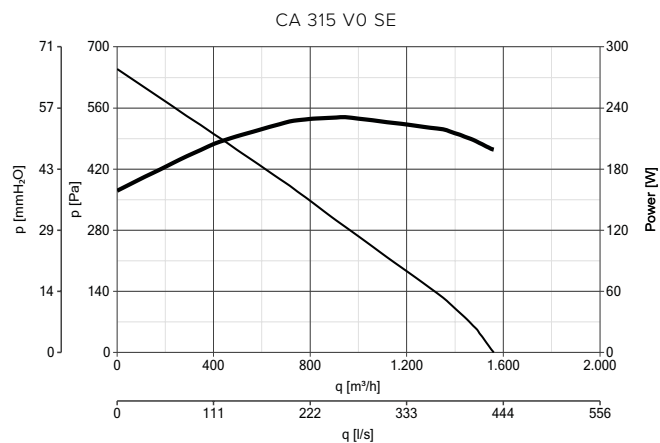
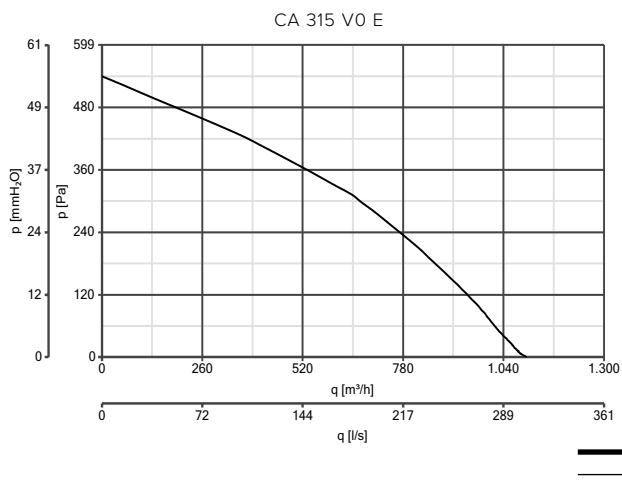
— Power consumption
 — Performance curves



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PERFORMANCE CURVES



CONTROLLERS

MODELS	DESCRIPTION	CODE	PRODUCT
	C 1.5 - ELECTRONIC SPEED CONTROLLER 1.5 A	12966	ALL PRODUCTS
	C 2.5 - ELECTRONIC SPEED CONTROLLER 2.5 A	12967	ALL PRODUCTS
	SCNRB - BUILT-IN ELECTRONIC SPEED CONTROLLER	12971	ALL PRODUCTS
	TRIO - 3 SPEED SWITCH FOR WALL AND FLUSH MOUNTING INSIDE UNI 503 STANDARD ELECTRIC BOXES	12869	16008 - 16018 - 16028 - 16035 - 16038 - 16039 - 16041
	KIT SCB - BUILT-IN CONTROLLER ADAPTOR	22481	12966 - 12967
	IREM D - ELECTRONIC SPEED CONTROLLER FOR INSTALLATION IN STANDARD DIN BOX. MAXIMUM LOAD: 1.0 A.	12867	ALL PRODUCTS
	DUO - 2 SPEEDS CONTROLLER	22914	16034 - 16044 - 16054 - 16064
	IRM5 2B - 5-POSITION SPEED CONTROLLER OF THE AUTOTRANSFORMER TYPE, DESIGNED TO CONTROL SINGLE-PHASE ASYNCHRONOUS MOTORS.	12861	16090
	C TEMP - THERMO SWITCH	12992	ALL PRODUCTS
	C SMOKE - AIR QUALITY SENSOR	12993	ALL PRODUCTS
	C HCS - HUMIDISTAT	12994	ALL PRODUCTS
	C PIR - PASSIVE INFRARED SENSOR	12998	ALL PRODUCTS
	C TIMER - TIMER	12999	ALL PRODUCTS

ACCESSORIES ON REQUEST

MODELS	DESCRIPTION	CODE	PRODUCT
	CA-MU - MOUNTING BRACKETS	22674	ALL PRODUCTS
		100	22750
		125	22755
		150	22760
		200	22765
		250	22770
		315	22775
	CA-G - PROTECTION GRILLE	16008	16018
		16028	16035 - 16038
		16039	16041 - 16090