

Model	A	B	ØC	D	E	F	G	H	Y	K	I	L	M	N	O	P	Q	R	S	T	U	z*	Øa	Øb
CB 230 Ex-ATEX	139	108	180	127	122	94	91	-	63	42	242	-	378	-	-	135	135	114	114	88	90	4	8,2	-
CB 240 Ex-ATEX	172	128	200	146	150	112	117	-	63	45	242	-	399	-	-	152	152	126	126	105	105	4	8,2	-

z\* = number of holes

## CB EX-ATEX

### EXPLOSION PROOF FANS EX-ATEX

Explosion Proof Certified Centrifugal fans to extract air and fumes through medium/long sized ducts in compliance with ATEX Directive 84/9/EEC effective from July 1st 2003 in EU.

- Suitable for applications in commercial and industrial environments where the risk of explosion is high and where the surrounding atmosphere contains gas, vapours or highly inflammable steam;
- The whole product and not just the electrical parts, has been certified by CESI Institute with CESI n° 03 ATEX 250;
- Fan group II, cat. 2 for gases, construction safety C, max surface temp. T4 (135°C), available on demand T5 and/or T6;
- Classified for zones 1 and 2;

- This approval homologation has required specific safety tests and proper examinations on products to verify how the adopted solutions have satisfied the essential Directive requirements;
- Steel plated frame protected by an epoxy-based anticorrosive paint and aluminium centrifugal impeller statically and dynamically balanced;
- Exd IIC T4, ball bearing class F insulation motor IP55 protected;
- Max temperature of extracted air: 60°C;
- Standard product supplied with impeller housing position CCW 270, different positions available on request (see table on page 89);
- Reference Standards: EN 13463-1; EN 13463-5; EN 14986.



### POSITIONING

- Wall mounting

### ENVIRONMENTS APPLICATION

suitable for Industrial, civil and commercial application where the risk of explosion is high.

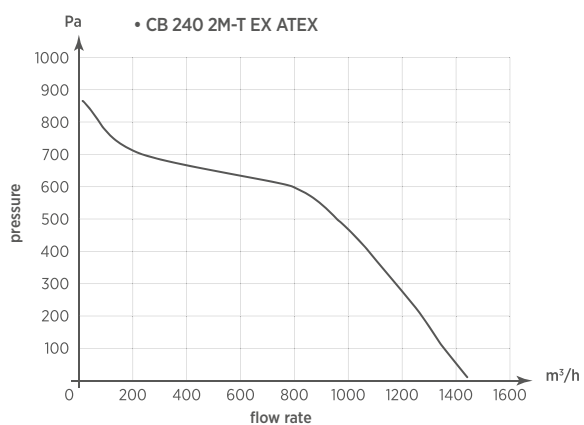
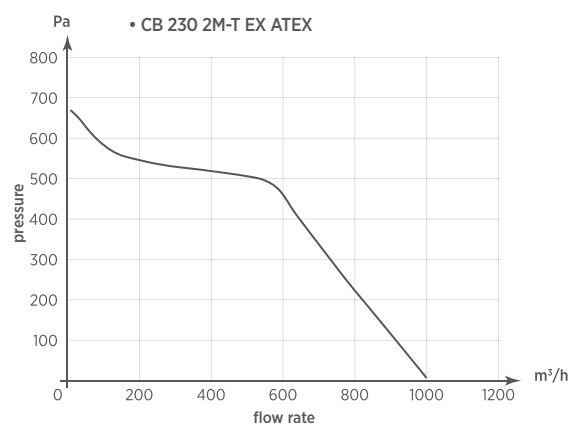
- Shops;
- Workshops;
- Sports facilities;

- Supermarkets and shopping centers;
- Warehouse;
- Factories;
- Machinery.

### TECHNICAL DATA

Model	Code	Marking	Motor	N° poles	Rev. per min. (RPM)	Voltage (Volt)	Frequency (Hz)	Flow rate (m³/h)	Max press. (mm H₂O)	Max press. (Pa)	Power (W)	Nom. curr. (A) 230 V	Nom. curr. (A) 400 V	IP Motor protection	Noisiness dB(A) <sub>2m</sub>	Weight (Kg)
CB 230 2M Ex-ATEX	0032300	II 2G c T4	single phase	2	2750	230	50	1000	69	677	450	2,5	-	IP55	76	10,0
CB 240 2M Ex-ATEX	0032400	II 2G c T4	single phase	2	2800	230	50	1450	90	883	850	3,8	-	IP55	83	12,0
CB 230 2T Ex-ATEX	0031900	II 2G c T4	three phase	2	2750	230/400	50	1000	69	677	400	1,4	0,8	IP55	76	10,0
CB 240 2T Ex-ATEX	0032000	II 2G c T4	three phase	2	2800	230/400	50	1450	90	883	800	2,3	1,3	IP55	83	12,0

## FLOW CHARTS



## ACCESSORIES (SUITABLE FOR INSTALLATION OUTSIDE OF THE EX ATEX AREA)

SEE PAGE 85



Controllers