



## C ATEX RANGE

Centrifugal fans for installation in potentially explosive areas

### PRODUCT SPECIFICATIONS

*Suitable for installation in environments (home, commercial and industrial) where potentially explosive atmospheres can be expected, such as battery charging bays, or industrial process areas.*



LONG LIFE 80.000 h



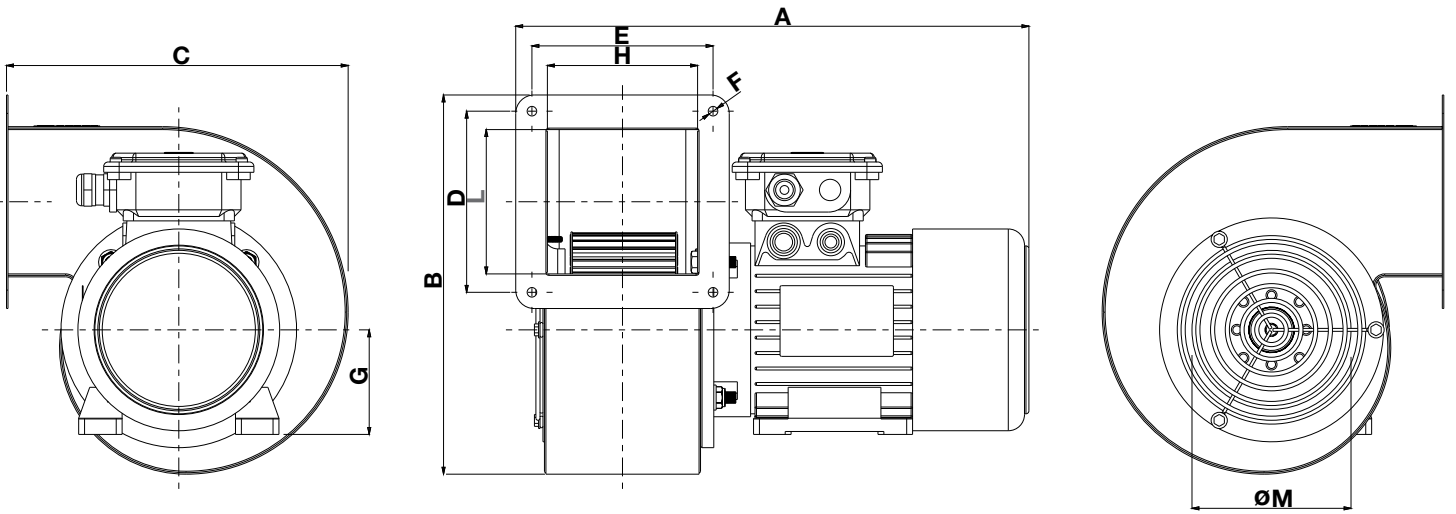
- **9 models** three-phase.
- One speed.
- Double-coated sheet-steel frames with spiral housings.
- Brushed copper nozzles.
- Double-coated galvanised steel wire mesh over the inlet port.
- Aluminium centrifugal impeller with front blades and die-cast aluminium hub.
- Painting consisting of protective base coat and polyurethane finishing paint.
- Airflow up to 2150 m<sup>3</sup>/h.
- High pressures over 800 Pa.
- Constant operating temperature between -20 °C and +40 °C.
- Electric supply 400 V / 50 Hz
- Protection ratings: IP65.
- Insulation class: I. (⊕)
- **ATEX certified asynchronous induction motors.**
- **Metal cable gland for ATEX certified electrical connection.**
- **ATEX certified for use in areas at risk of explosion due to gases and/or dust particles.**
- **IMQ 10 ATEX 029 X certified.**
- **GR II cat 2G/D b T4/135 X.**

**Constructed in compliance with EN 14986 standards governing the design of fans operating in potentially explosive areas.**

### TECHNICAL DATA

	Models	Code	V ~ 50 Hz	W	A	Poles	RPM	Max Airflow		Max Pressure		Lp dB(A)* 3 m	°C Max	Kg
								m <sup>3</sup> /h	l/s	mmH <sub>2</sub> O	Pa			
THREE-PHASE	C 10/2 T ATEX	30301	400	120	0.36	2	2800	280	77.8	26	255	55.5	40	4
	C 15/2 T ATEX	30304		175	0.39			430	119.4	44	430	59		4.5
	C 20/2 T ATEX	30305		472	1.09			1000	277.8	56	549	66		8.5
	C 25/2 T ATEX	30306		482	1.10			1100	305.6	67	657	66.5		10
	C 30/2 T ATEX	30307		902	1.57	1350	375	83	814	71	10			
	C 30/4 T ATEX	30308		226	0.95	4	1400	700	194.4	18	177	55		7.5
	C 31/4 T ATEX	30309		375	1.01			1120	311.1	31	304	61		10.5
	C 35/4 T ATEX	30310		401	1.02			1500	416.7	34	334			11.5
	C 37/4 T ATEX	30311		803	1.80			2150	597.2	48	470	70		17

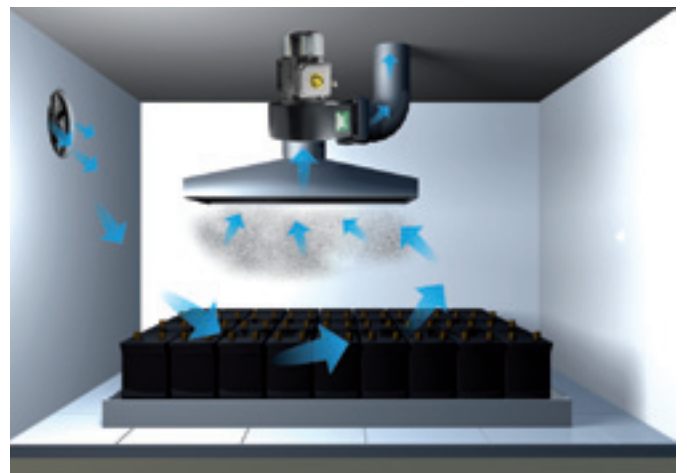
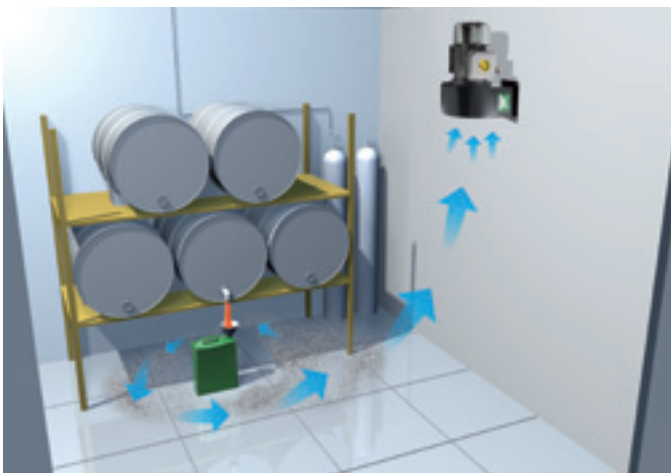
DIMENSIONS



Models	A	B	C	D	E	F	G	H	L	Ø M
C 10/2 T ATEX	260	186	171	72	82	6.5	56	68	63	80
C 15/2 T ATEX	280	234	206	108	100	7	56	83	88	108
C 20/2 T ATEX	350	258	232	123	123	8.50	71	102	98	
C 25/2 T ATEX	365			124	142			115		
C 30/2 T ATEX	365	308	272	126	137			117	108	132
C 30/4 T ATEX							112	137	170	
C 31/4 T ATEX	365	400	340	164	139		149			187
C 35/4 T ATEX	400							174		
C 37/4 T ATEX	425	471	416.5	220	182		80			

Dimensions (mm)

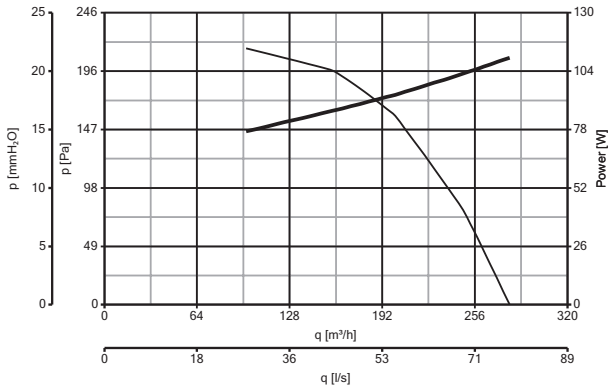
APPLICATIONS



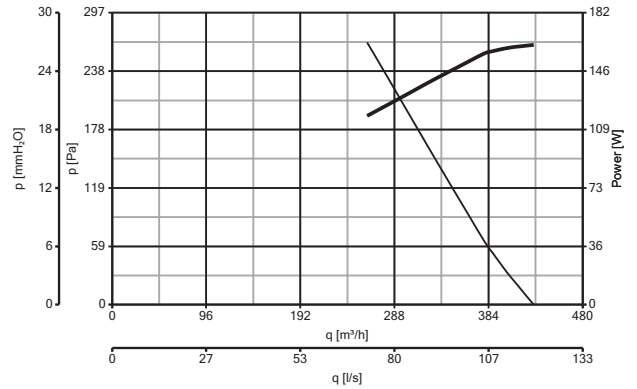


PERFORMANCE CURVES

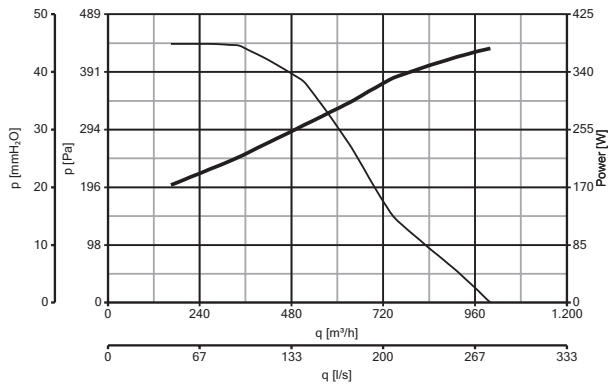
**C 10/2 T ATEX**



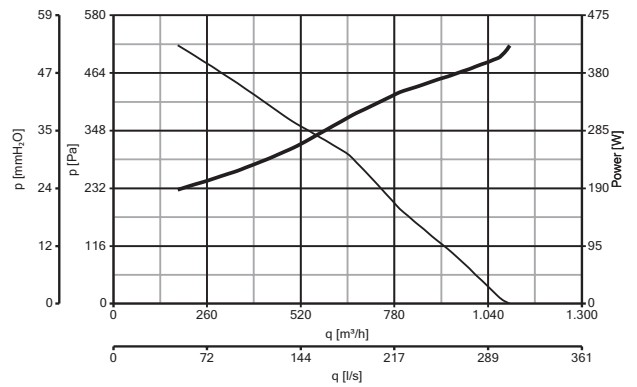
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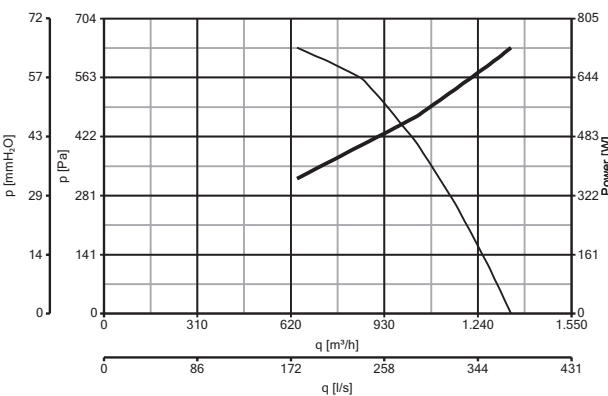
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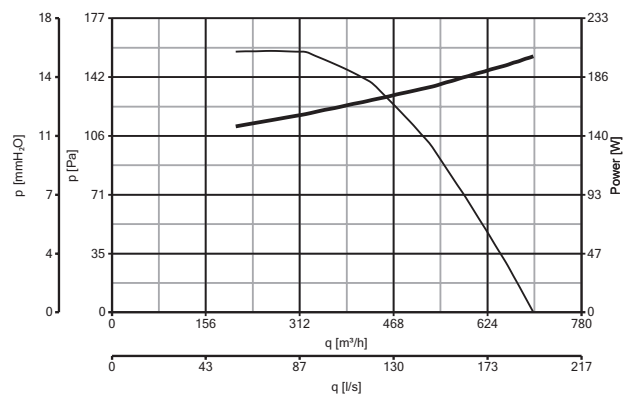
**C 25/2 T ATEX**



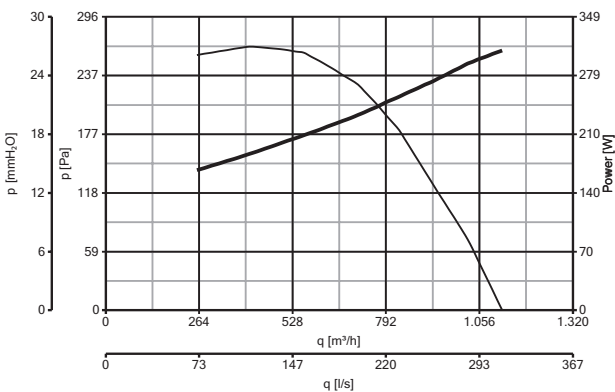
**C 30/2 T ATEX**



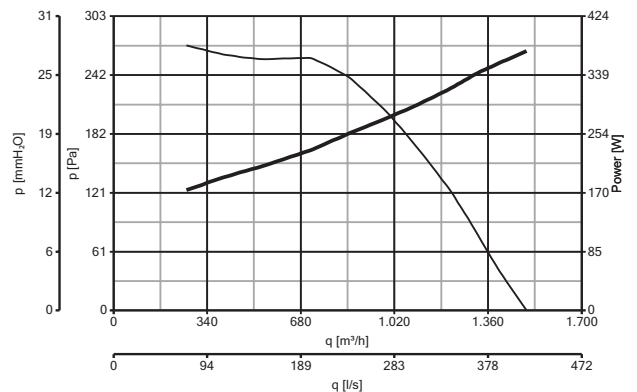
**C 30/4 T ATEX**



**C 31/4 T ATEX**



**C 35/4 T ATEX**



PERFORMANCE CURVES

