

# ATEX C-SERIES



GAS



DUST



## CENTRIFUGAL FANS FOR INSTALLATION IN POTENTIALLY EXPLOSIVE AREAS

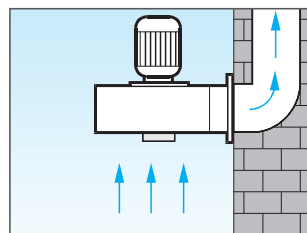
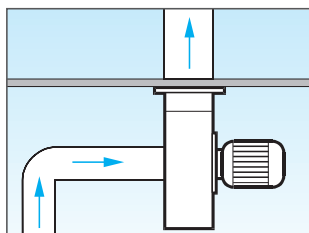
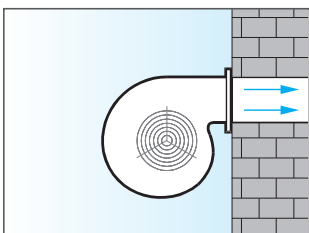
### Product specifications:

- 9 three phase models.
- ATEX certified for use in areas at risk of explosion due to gases and/or dust particles.
- Airflow up to 2150 m<sup>3</sup>/h.
- High pressures over 800 Pa.
- Constant operating temperature between -20°C and +40°C.
- ATEX certified asynchronous induction motors.
- Aluminium centrifugal impeller with front blades and die-cast aluminium hub.
- Double-coated sheet-steel frame with spiral housing.
- Brushed copper nozzles.
- Double-coated galvanised steel wire mesh over the inlet port.
- Metal cable gland for ATEX certified electrical connection.
- Painting consisting of protective base coat and polyurethane finishing paint.
- Protection class: IP65.
- Insulation: Class I (⊕)
- Constructed in compliance with EN 14986 standards governing the design of fans operating in potentially explosive areas.
- IMQ 10 ATEX 029 X certified.

## APPLICATIONS

*These appliances are designed for wall or ceiling installation, or can even be ducted.*

*The classification and identification of these environments must be carried out by the relevant authorities.*



Examples of ventilation (pictures a and b).

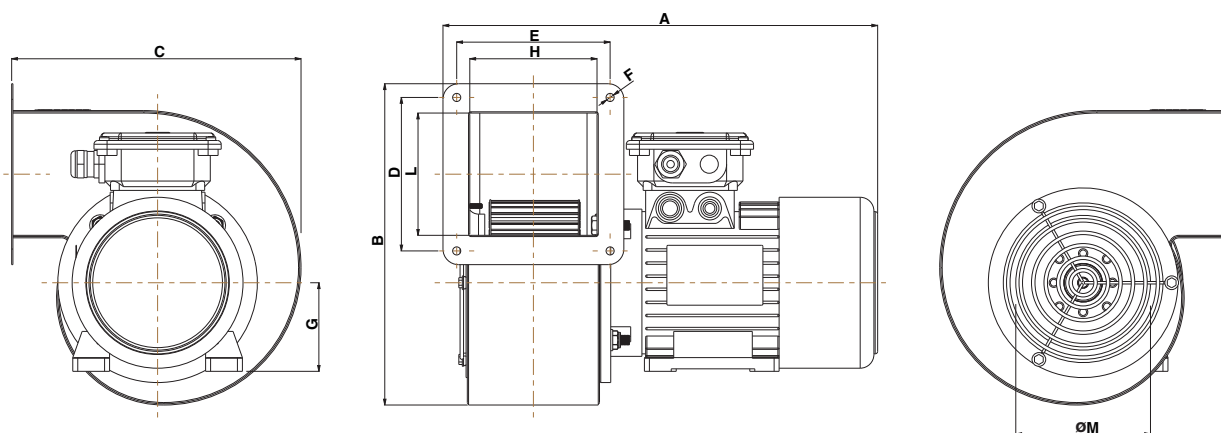


Picture a



Picture b

## DIMENSIONS



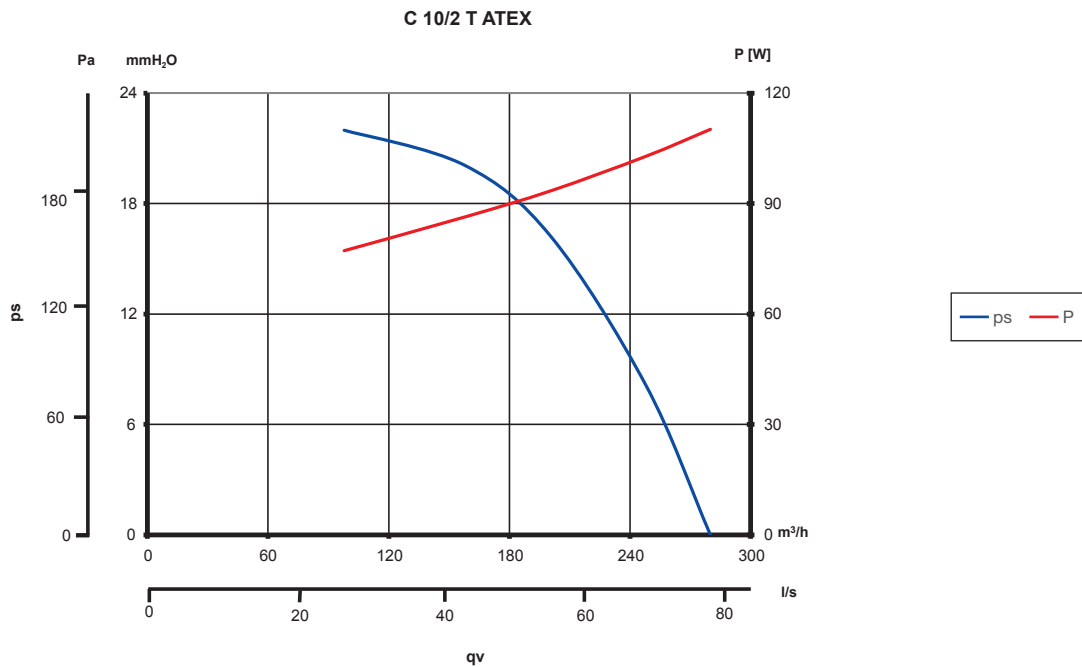
Dimensions (mm)

MODEL	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	108
C 25/2 T ATEX	365	258	232	124	142	8,50	71	115	98	108
C 30/2 T ATEX	365	308	272	126	137	8,50	71	117	108	132
C 30/4 T ATEX	365	308	272	126	137	8,50	71	117	108	132
C 31/4 T ATEX	365	400	340	164	139	8,50	71	112	137	170
C 35/4 T ATEX	400	400	340	164	174	8,50	71	149	137	170
C 37/4 T ATEX	425	471	416,50	220	182	8,50	80	149	187	199

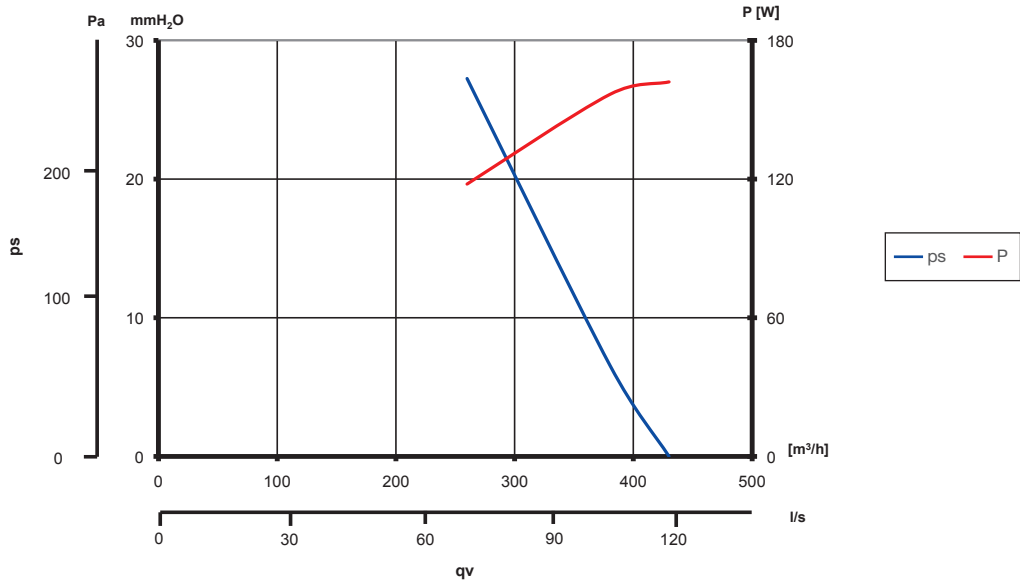
## TECHNICAL DATA

	MODEL	Code	Voltage V~50 Hz	Max. power absorption (W)	Rated Current (A)	Number of poles	RPM	Max airflow		Max pressure		Sound Pressure Lp dB(A) 3m	kg
								(m³/h)	(l/s)	(mmH₂O)	(Pa)		
THREE PHASE	C 10/2 T ATEX	30301	400	120	0.36	2	2800	280	77.80	26	255	55.5	4
	C 15/2 T ATEX	30304	400	175	0.39	2	2800	430	119.40	44	430	59	4.5
	C 20/2 T ATEX	30305	400	472	1.09	2	2800	1000	277.80	56	549	66	8.5
	C 25/2 T ATEX	30306	400	482	1.10	2	2800	1100	305.60	67	657	66.5	8.5
	C 30/2 T ATEX	30307	400	902	1.57	2	2800	1350	375.00	83	814	71	10
	C 30/4 T ATEX	30308	400	226	0.95	4	1400	700	194.40	18	177	55	7.5
	C 31/4 T ATEX	30309	400	375	1.01	4	1400	1120	311.10	31	304	61	10.5
	C 35/4 T ATEX	30310	400	401	1.02	4	1400	1500	416.70	34	334	61	11.5
	C37/4 T ATEX	30311	400	803	1.80	4	1400	2150	597.20	48	470	70	17

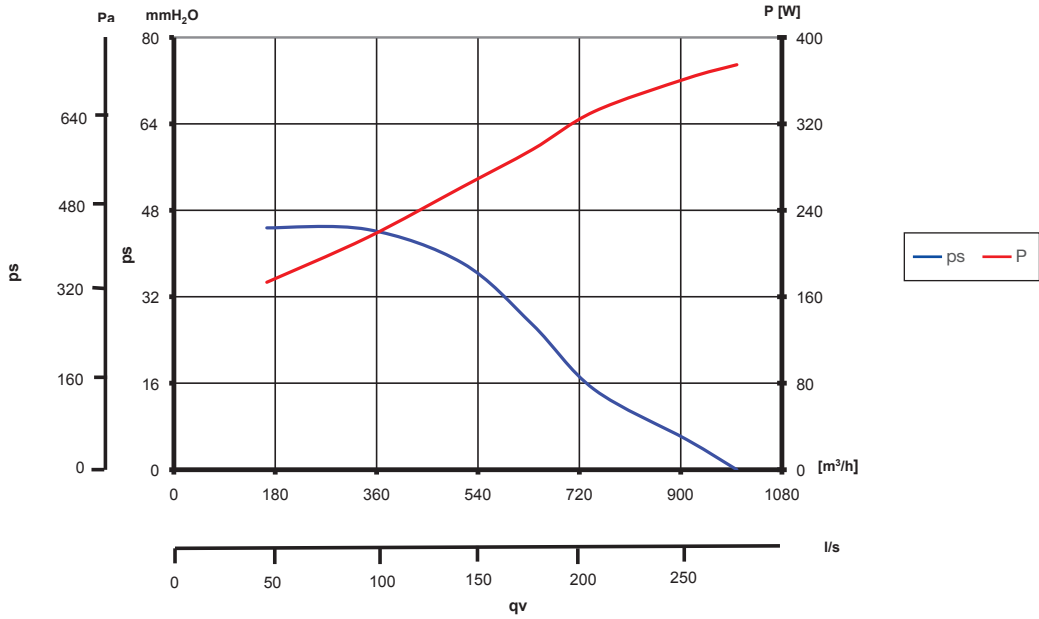
## PRESSURE/PERFORMANCE CURVES



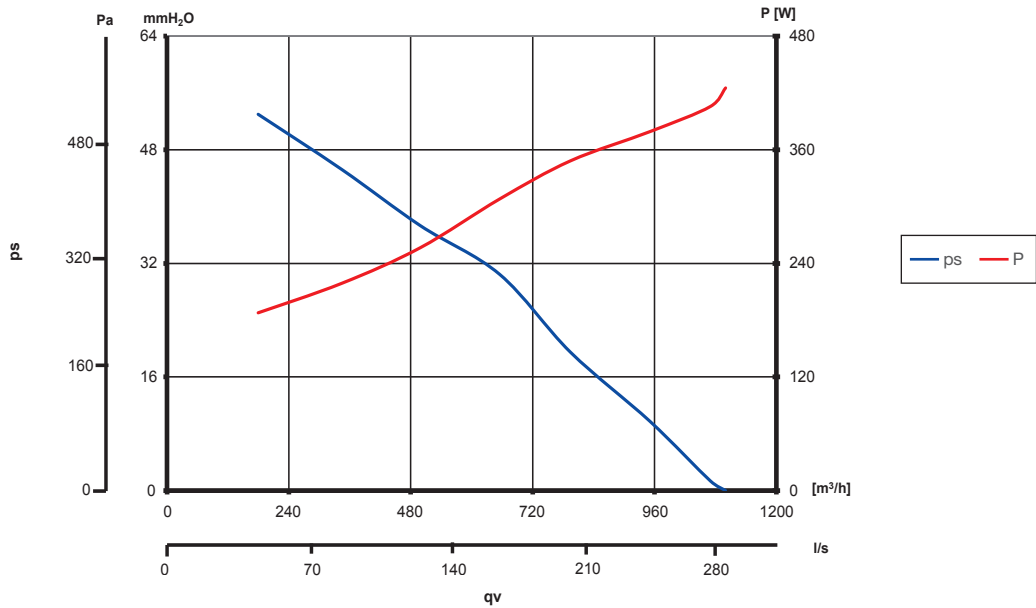
C 15/2 T ATEX



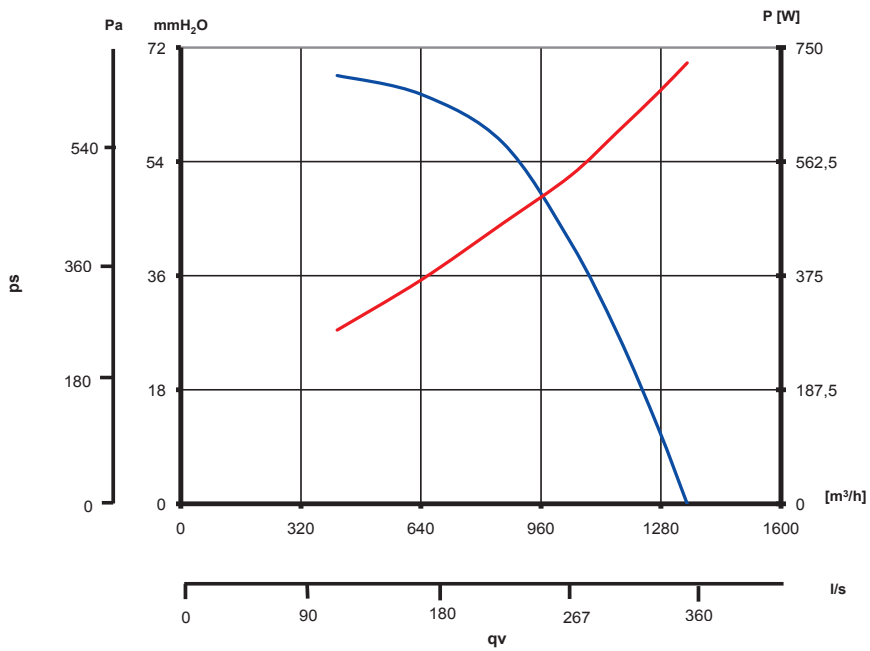
C 20/2 T ATEX



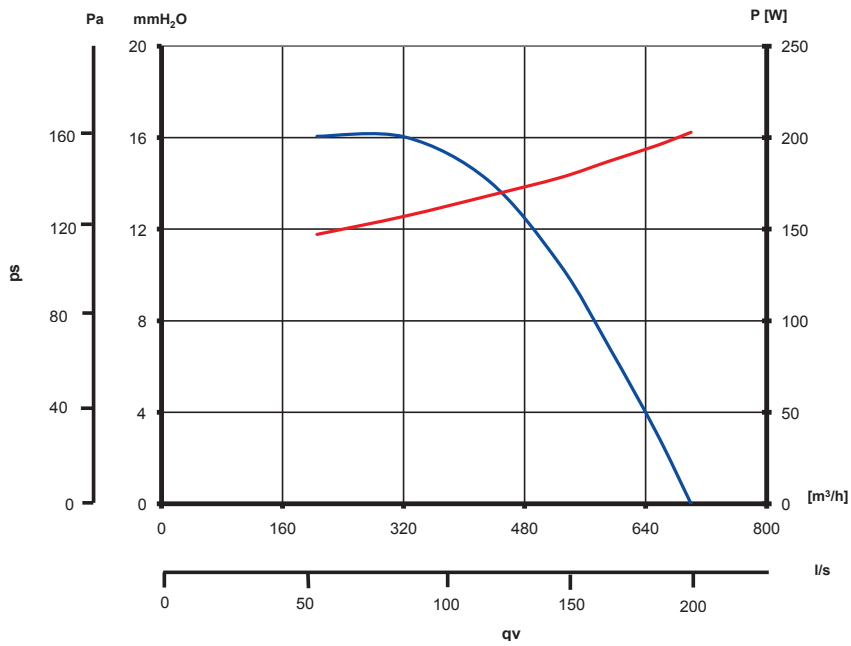
C 25/2 T ATEX



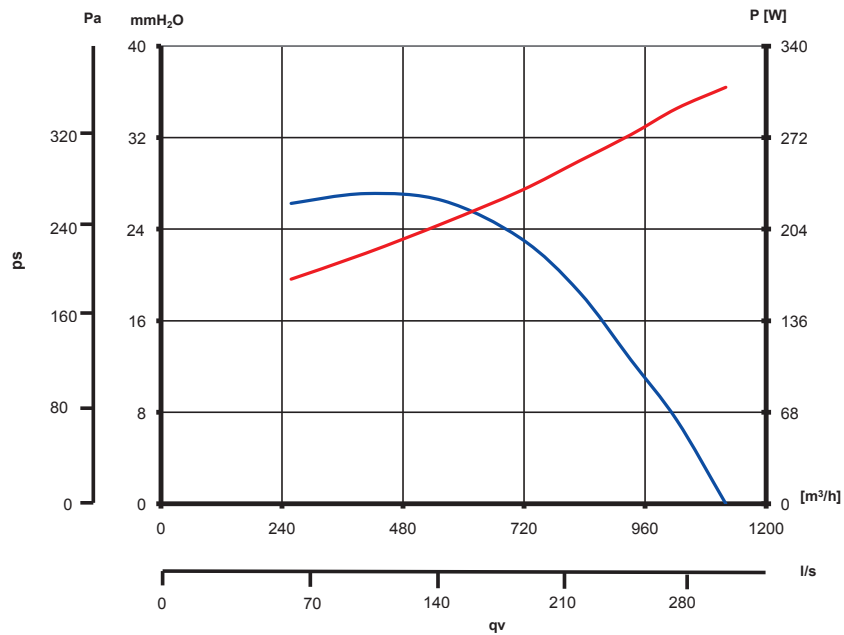
C 30/2 T ATEX



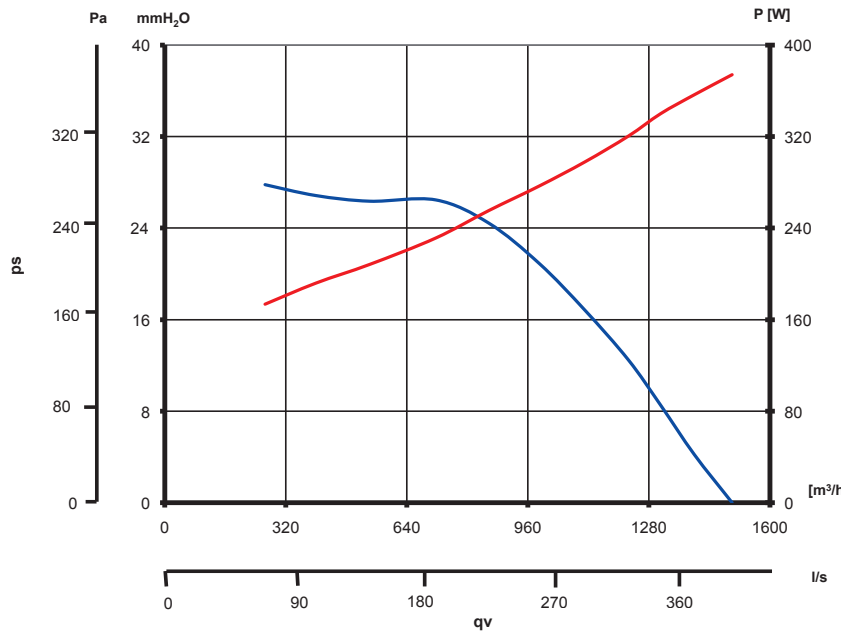
C 30/4 T ATEX



C 31/4 T ATEX



C 35/4 T ATEX



C 37/4 T ATEX

