

AQC-ATEX Series

Wall Type Axial Ex-Proof Fans



ATEX Certified wall mounted axial extractor fans with CEE ExII2G EX e explosion-proof. CEE ExII2G Ex d. Ex tc or Ex tb non-sparking motor for working in explosive atmospheres containing dust or gas.

FAN

- Motor-rotor air flow direction.
- Cast aluminium rotor.
- Anti-contact protective grille in accordance with standart UNE-EN ISO 12499 included in models 25 to 50
- Support frame in sheet steel with aluminium strip in rotor zone in accordance with standard EN-14986.

MOTOR

- ATEX- Certified. Ex e explosion proof. Ex d. Ex tc or Ex tb non-sparking class F motors with ball bearings.
- Three-phase 230/400V-50Hz and 400/690V-50Hz (powers higher than 4 Kw).
- Operating temperature -20°C + 55°C.

FINISH

- ATEX corrosion-proof with nonferric paint finish of polyester resin polymerised at 190°C previously degreased with phosphate-free nanotechnological treatment.

ON REQUEST

- Motors with built-in PTC.
- Special windings for different voltages and frequencies.
- ATEX construction for different categories.
- Extractor fans with 2-speed motors.
- Single-phase Ex-d non-sparking motors.

TECHNICAL SPECIFICATIONS

MODEL	MAX. AIRFLOW (m ³ /h)	WATT	SOUND (dBA)	AMPER	RPM (dk)	VOLTAGE
AQC 25-4T	1301	0.12	63	0,74	1.400	400
AQC 31-4T	2422	0.12	66	0,74	1.400	400
AQC 35-4T	3544	0.12	70	0,74	1.400	400
AQC 40-4T	5179	0.25	75	1,20	1.400	400
AQC 45-4T	7276	0.37	80	1,50	1.400	400
AQC 50-4T	10185	0.55	83	1,70	1.400	400

AIR FLOW PERFORMANCE DATA

MODEL	AIR FLOW PERFORMANCE DATA / PA / (m ³ /h)										
	10	30	50	70	90	110	130	150	170	190	210
AQC 25-4T	1200	1000	760	450	250	-	-	-	-	-	-
AQC 31-4T	2100	2000	1600	1100	450	-	-	-	-	-	-
AQC 35-4T	3400	3070	2700	2200	1800	1000	-	-	-	-	-
AQC 40-4T	5060	4900	4530	4100	3500	2100	1850	1460	1200	1050	-
AQC 45-4T	7200	7000	6600	6100	5620	5000	4730	4340	3620	2100	1500
AQC 50-4T	10200	9920	9300	8600	8000	6900	6400	5920	5000	3200	2400

DIMENSIONS

MODEL	DIMENSIONS / mm									
	A	B	C	D	E	G	H	J	K	
AQC 25-4T	330	275	262	260	236,5	11	56	8.5	310	
AQC 31-4T	400	336	310,5	308	245.5	11	65	10.5	380	
AQC 35-4T	465	390	362.5	360	256.5	11	76	10.5	450	
AQC 40-4T	532	452	412.5	410	297.5	11	97.5	10.5	500	
AQC 45-4T	596	504	462.5	460	315.5	11	105	10.5	560	
AQC 50-4T	665	562	516,5	514	325.5	11	115	10.5	640	

