



E ATEX RANGE

Low pressure plate axial fans

PRODUCT SPECIFICATIONS

Can be used in environments where the atmosphere might become explosive due to the presence of flammable substances in the form of gases and/or powders.



LONG LIFE 80.000 h



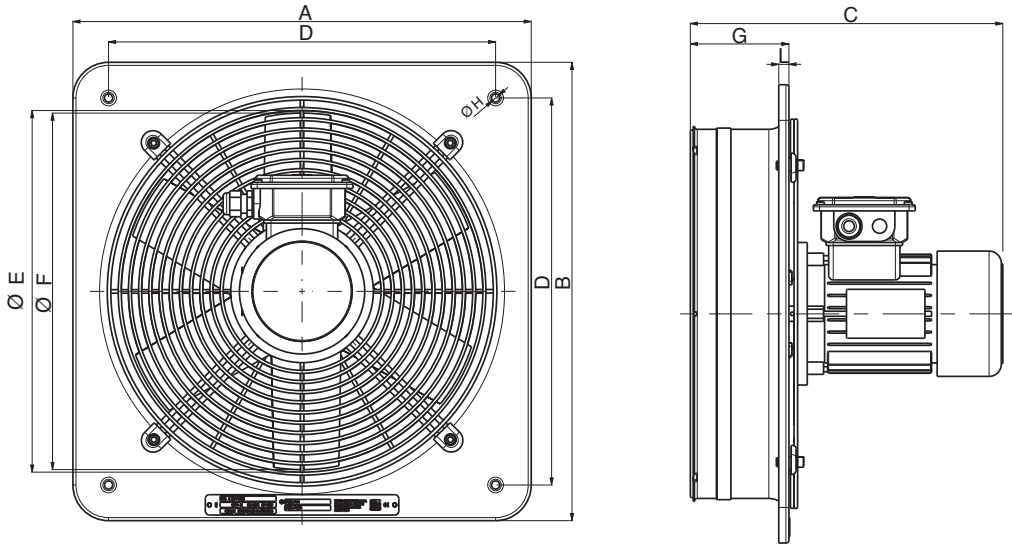
- **14 models.** 5 single phase, 9 three phase.
- 1 speed motors.
- Double-coated galvanised steel wire mesh over both outlet and inlet ports.
- Impeller with aluminium hub and plastic blades.
- In single phase models condenser is housed in explosion-proof casing.
- Painting consisting of protective base coat and polyurethane finishing paint.
- Airflow up to 6900 m³/h.
- Constant operating temperature between -20 °C and +40 °C.
- Electric supply 230 V / 50 Hz for single phase models, 400 V / 50 Hz for three phase models.
- Protection ratings: IP65.
- Insulation class: Cl. 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) a 3 m*	°C Max	Kg
								m³/h	l/s	mmH₂O	Pa			
SINGLE-PHASE	E 254 M ATEX	40301	230	167	0.75	4	1400	1040	288.9	8.9	87.5	63.2	40	8.0
	E 304 M ATEX	40302		175	0.77			1600	444.4	14	137.7	59.6		8.8
	E 354 M ATEX	40304		204	0.97			2220	616.7	17.3	169.4	66		9.5
	E 404 M ATEX	40306		294	1.27			3550	986.1	19.8	193.8	62		11.5
	E 454 M ATEX	40308		346	1.50			4634	1287.2	19.1	187.6	70		14.0
THREE-PHASE	E 254 T ATEX	40309	400	121	0.49	4	1400	1050	291.7	9.6	94.2	59.6	40	7.0
	E 304 T ATEX	40310		162	0.53			1585	440.3	14.1	138.3	62		8.0
	E 354 T ATEX	40313		208	0.50			2550	708.3	18.4	180.5	66		8.8
	E 404 T ATEX	40314		268	0.61			3480	966.7	17.4	170.3	64.8		10.5
	E 454 T ATEX	40315		345	0.70			4443	1234.2	18.2	178.3	69.8		13.6
	E 504 T ATEX	40316		293	0.64	6	1000	4900	1361.1	17.7	173.8	72.7		14.5
	E 506 T ATEX	40319		166	0.47			3823	1061.9	10.1	99.2	64		18.0
	E 604 T ATEX	40317		374	0.71			6900	1916.7	20.8	203.7	75.4		19.5
	E 606 T ATEX	40318		223	0.49			5715	1587.5	12.2	119.4	65.5		

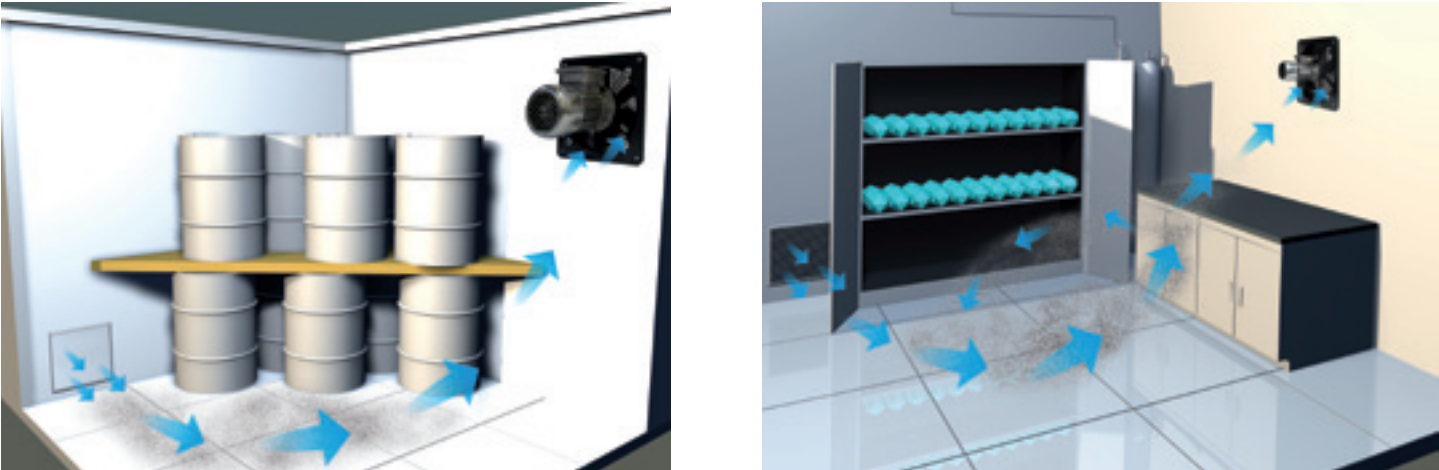
DIMENSIONS



Models	Ø nom	A	B	C	D	Ø E	Ø F	G	Ø H	L
E 254 ATEX	250	320	320	305	280	256	250	95	8	10
E 304 ATEX	315	380	380	307	330	308	300	97		
E 354 ATEX	355	450	450	307	380	360	350			
E 404 ATEX	400	510	510	327	430	410	400	117	12	15
E 454 ATEX	450	630	630	325	530	460	448	112		
E 504 ATEX	500					510	498			
E 506 ATEX				361						
E 604 ATEX	630	760	760	340	630	610	598	127		
E 606 ATEX				361						

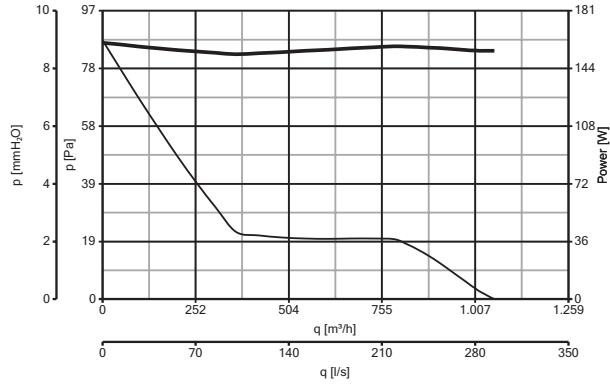
Dimensions (mm)

APPLICATIONS

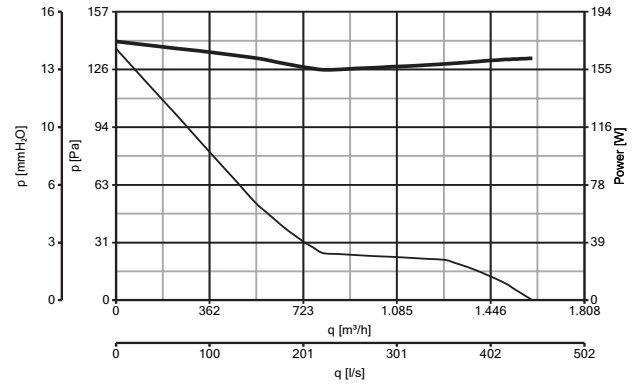


PERFORMANCE CURVES

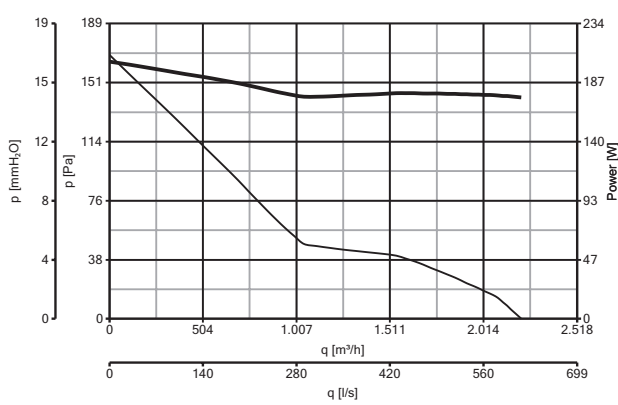
E 254 M ATEX



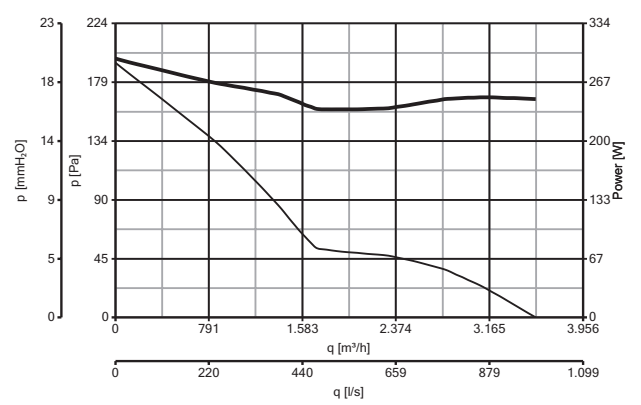
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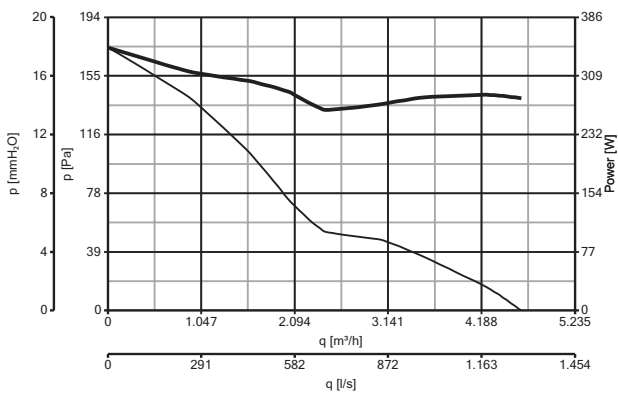
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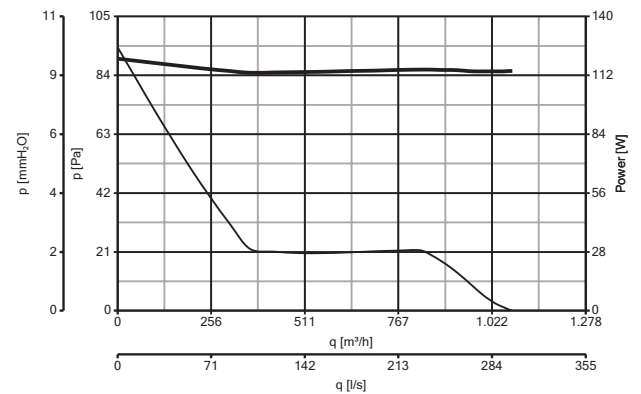
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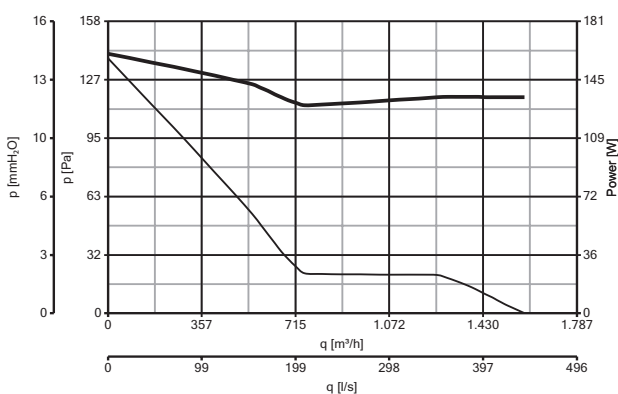
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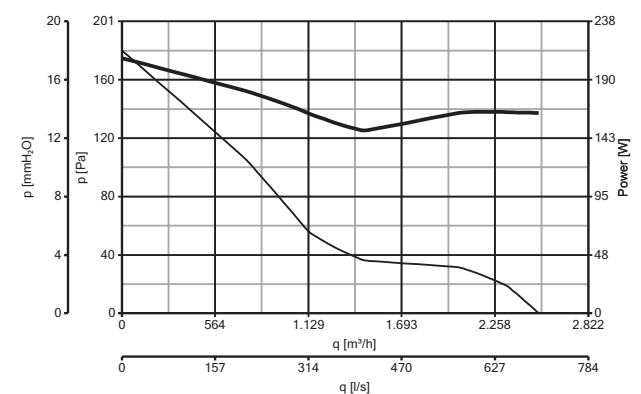
E 254 T ATEX



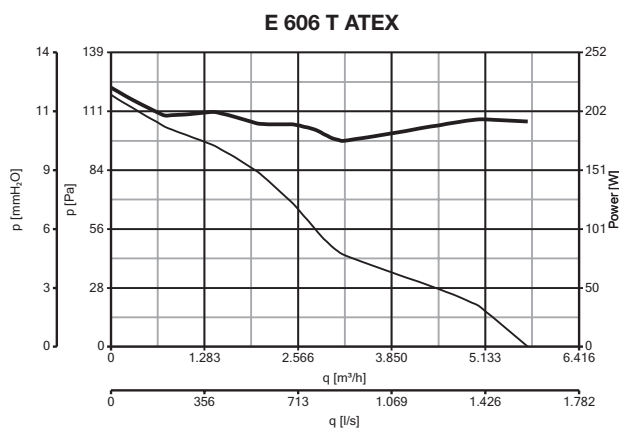
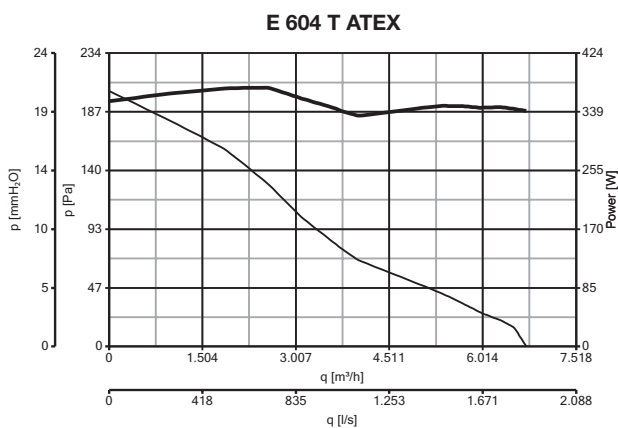
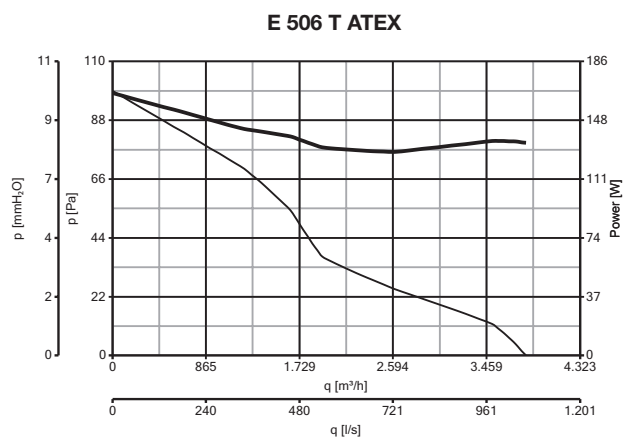
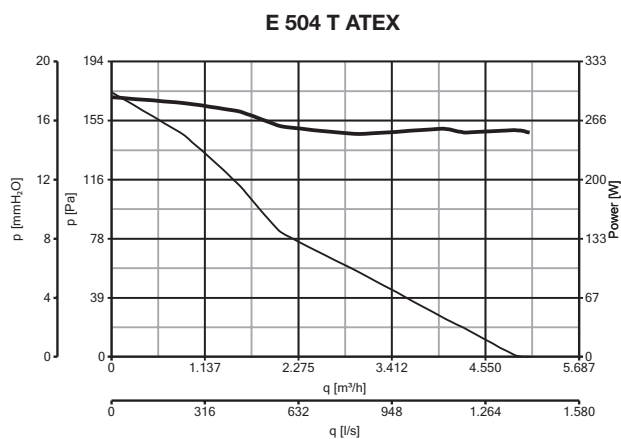
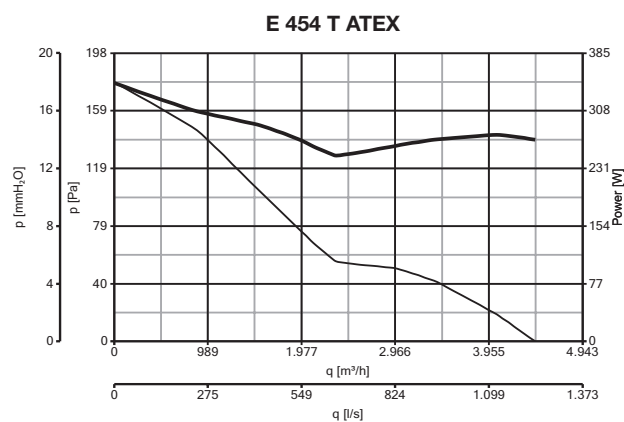
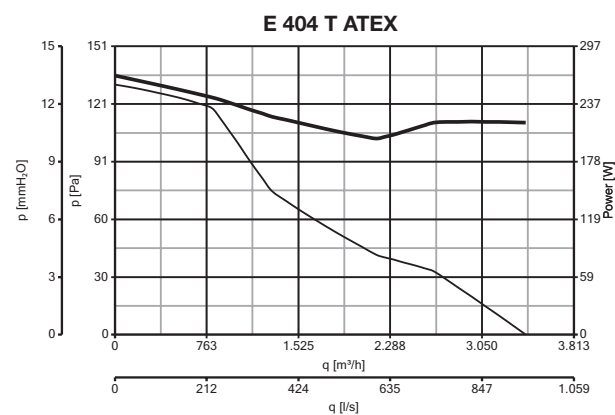
E 304 T ATEX



E 354 T ATEX



PERFORMANCE CURVES



— Consumption — Delivery