

Specification Sheet for a Fan Designed for Use in Explosive Atmospheres – ATEX

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Please complete this specification sheet, as it is necessary for the proper specification of a fan manufactured in accordance with European Directive 2014/34/EU (Equipment and protective systems intended for use in potentially explosive atmospheres). Information on the meaning of the symbols and descriptions used in this form can be found in Directives 2014/34/EU and the preceding 94/9/EC, as well as in the related harmonized standards.

Order / Project / Inquiry No.:	
First and Last Name of the person filling out the form:	
Company name:	

ATEX Specification in accordance with Directive 2014/34/EU (formerly 94/9/EC)

1. Specify the explosion hazard **zone** of the medium inside and outside the fan housing (not generated by the fan)—select one option in each column.

Inside the fan housing			Outside the fan housing				
Gas		Dust	Gas		Dust		
Zone 1 (Category 1G or 2G)	<input type="checkbox"/>	Zone 21 (category 1D or 2D)	<input type="checkbox"/>	Zone 1 (Category 1G or 2G)	<input type="checkbox"/>	Zone 21 (category 1D or 2D)	<input type="checkbox"/>
Zone 2 (category 1, 2, or 3G)	<input type="checkbox"/>	Zone 22 (category 1, 2, or 3D)	<input type="checkbox"/>	Zone 2 (category 1, 2, or 3G)	<input type="checkbox"/>	Zone 22 (category 1, 2, or 3D)	<input type="checkbox"/>
Safe zone	<input type="checkbox"/>	Safe zone	<input type="checkbox"/>	Safe zone	<input type="checkbox"/>	Safe zone	<input type="checkbox"/>

2. Specify the medium's **explosion subgroup** inside and outside the fan housing (not generated by the fan)—select one option in each column.

Inside the fan housing			Outside the fan housing				
Gas		Dust	Gas		Dust		
IIA	<input type="checkbox"/>	IIIA	<input type="checkbox"/>	IIA	<input type="checkbox"/>	IIIA	<input type="checkbox"/>
IIB	<input type="checkbox"/>	IIIB	<input type="checkbox"/>	IIB	<input type="checkbox"/>	IIIB	<input type="checkbox"/>
IIB+H2	<input type="checkbox"/>	IIIC	<input type="checkbox"/>	IIB+H2	<input type="checkbox"/>	IIIC	<input type="checkbox"/>
IIC	<input type="checkbox"/>	Safety zone	<input type="checkbox"/>	IIC	<input type="checkbox"/>	Safe zone	<input type="checkbox"/>
Other ^A	<input type="checkbox"/>		<input type="checkbox"/>	Other ^A	<input type="checkbox"/>		<input type="checkbox"/>
Safety zone	<input type="checkbox"/>		<input type="checkbox"/>	Safe zone	<input type="checkbox"/>		<input type="checkbox"/>

No condensate in the conveyed medium (applies to plastic fans) ^{B)}

- A) The type of subgroup must be specified.
- B) Experience shows that small amounts of dust particles and/or liquid droplets in the exhaust air cannot be safely ruled out in industrial practice.

3. Specify the **temperature class (gas) / maximum surface temperature generated by the device (dust)**—select one option in each column.

Inside and outside the fan housing			
Gas		Dust	
T1	<input type="checkbox"/>	Maximum surface temperature generated by the device ^{B)} ⁰ C	<input type="checkbox"/>
T2	<input type="checkbox"/>		
T3	<input type="checkbox"/>		
T4	<input type="checkbox"/>		
T5	<input type="checkbox"/>		
T6	<input type="checkbox"/>		
Safe Zone	<input type="checkbox"/>	Safe zone	<input type="checkbox"/>

B) Specify the temperature value.

4. Specify the **motor power supply / control method**:

Directly from the mains	<input type="checkbox"/>	
Via a frequency converter (inverter)	<input type="checkbox"/>	Adjustment range

.....
Date

.....
Signature of the person completing the form