



Woodcock & Wilson

Fan Manufacturers

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Fan Manufacturers
Association



Federation of Environmental
Trade Associations



Information that **MUST** be provided to ensure that we can supply you with a fan that is compliant with the ATEX Directive 94/9/EC

In addition to the fan duty requirements, to assist us to produce a quotation for a fan for use in a hazardous atmosphere and to comply with ATEX Directive 94/9/EC, please complete the table below.

Hazardous Area Details

		Inside Fan Casing	Outside Fan Casing
Zone Classification	Zone 0 or 20		
	Zone 1 or 21		
	Zone 2 or 22		
Category *	Category 1D or 1G		**
	Category 2D or 2G		**
	Category 3D or 3G		**
Temperature Class (gas only) e.g. T3, T4...T6			
Gas or dust group e.g. Gas Group IIB (mixture of air and 5% Ethylene)		Group....	Group....
Max. allowable surface temp. of equipment (oC)***			
Ignition Temp. of dust (oC) if applicable			

Operation Details

How is the fan installed e.g. ducted inlet / open outlet	
Description of fan operation	
Any extreme environmental conditions e.g. high ambient temperatures, corrosive or dirty environment which may cause build up etc.	

* If unknown we will use the relation between Zone and Category from the draft EN CEN/TC305/WG2/SG1 N107-2; 2003 Annex D table D2 (reproduced below)

In Zone	Applicable category	If designed for
0	1G	gas/air mixture or vapour/air mixture or mist/air mixture
1	1G or 2G	gas/air mixture or vapour/air mixture or mist/air mixture
2	1G or 2G or 3G	gas/air mixture or vapour/air mixture or mist/air mixture
20	1D	dust/air mixture
21	1D or 2D	dust/air mixture
22	1D or 2D or 3D	dust/air mixture

** Never more than one category step lower than for `inside fan casing`. For a ducted fan located in an un-ventilated room, the same category shall be applied for the outside and the inside of the fan casing.

*** If unknown, we will use the relation of Temp. Class and Max. Surface Temp. in EN13463-1; Table 1, Section 6