



ENQUIRY FORM FOR ZONE 2/22 Ex FANS

Please complete the following questionnaire by checking one of the options provided. Together with the questions, please also read the corresponding notes.

Date:	Customer:
Reference:	Item:

Fan data

1. Arrangement Belt Drive Direct Drive

2. Airflow Unit Suction/Discharge

3. Pressure Unit Static/Total

4. Temperature °C Altitude m.a.s.l.

5. Accessories

Inlet counter flange	<input type="checkbox"/>	Inlet damper	<input type="checkbox"/>
Outlet counter flange	<input type="checkbox"/>	Outlet damper	<input type="checkbox"/>
Inlet flexible connection	<input type="checkbox"/>	Inlet protection guard	<input type="checkbox"/>
Outlet flexible connection	<input type="checkbox"/>	Inspection door	<input type="checkbox"/>
Anti-vibration mounts	<input type="checkbox"/>	Drain plug	<input type="checkbox"/>

6. This EX Fan is in conformity of:

ATEX - CE	Directive 2014/34/EU
EX - EAC	Technical Regulations TP TC 012/2011

7. Indicate the position of fan shaft: VERTICAL HORIZONTAL

If the fan is installed in a vertical position check the motor compliance

8. How is this place classified?

ZONE 2	3G	Indicate the presence of gas, vapours or inflammable suspensions mixed with air.
ZONE 22	3D	Indicate the presence of combustibile dust mixed with air

It is necessary to specify the location of the potentially explosive atmosphere, to precisely define the construction characteristics to be applied. If the potentially explosive atmosphere is also present outside the ventilator, additional precautions must be taken.

All ventilators are fitted with silicone seals. In your request, please specify any incompatibility of these seals with the characteristics of your system.

The fan is not an airtight machine, please consider losses due to leakage, as indicated in document nr. 50764, point 4.a

INSIDE THE FAN	OUTSIDE THE FAN
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

9. If the explosion risk is caused by gases (G), indicate the group

IIB	General gases (excluding Hydrogen and Acetylene)	<input type="checkbox"/>
-----	--	--------------------------

If the explosion risk is caused by dust (D), indicate the group

IIIB	non-conductive dust	<input type="checkbox"/>
------	---------------------	--------------------------



10.

MAXIMUM TEMPERATURE PERMITTED FOR GAS		MAXIMUM TEMPERATURE PERMITTED FOR DUST	
T3		T195°	

For gases this temperature depends by the class temperature of atex fan and must correspond, as a minimum, with following values:

Temperature class	Minimum gas ignition point temperature for category 2 (°C)	Minimum gas ignition point temperature for category 3 (°C)
T3	244	195

For dust this temperature depends by the class temperature of atex fan and cleanness of surface; furthermore, it must correspond, as a minimum, with following values:

Nominal surface temperature (as marked) (°C)	Minimum dust ignition point temperature with clean surfaces (°C)	Minimum dust ignition point temperature with deposits of thickness up to 5 mm (°C)
195	293	270

11.

MAXIMUM TEMPERATURE OF FLUID DRAWN IN BY FAN		MAXIMUM TEMPERATURE OF FAN INSTALLATION ENVIRONMENT	
60°C		40°C	

Rubber stamp and signature:

Please fill in this form and return to us via email to info@ferrarifantechnologyuk.co.uk.