

应用 Application

应用于石化、医药、核电、电子、军事等行业中存在爆炸危险各类建筑物，泄爆窗面积可充当泄爆面积，可以解决在一些特殊情况下防爆区划内泄爆面积不足的问题。

Products are applied to various types of buildings in the presence of an explosion in many industries, including petrochemical, pharmaceutical, nuclear power plants, electronics, defense, etc. The area of explosion venting window can act as explosion venting area, which can solve the problem that explosion-proof area within less venting as required.



特点 Features

- 泄爆窗分为采光型和保温性两种，材质分为钢质和铝质；采光型泄爆窗采用安全玻璃；保温型泄爆窗采用夹芯板形式，内部填充保温材料。
- 泄爆窗的泄爆压力值可通过泄爆螺栓控制。
- 当爆炸发生时，爆炸压力达到设计泄爆压力值，泄爆窗会自行向外打开泄压口，从而达到泄压效果；爆炸发生后，泄爆窗又可关闭泄压口作为外窗继续使用。
- Explosion venting window is divided into two types of lighting and insulation materials, including steel and aluminum. Safety glass used for lighting type window, and sandwich panel filled with insulation materials used for insulation type window.
- The explosion pressure value of the explosion venting window can be controlled by the explosion venting bolt.
- Once the explosion pressure reaches the design value, the venting window will open on its own, so as to achieve the effect of pressure relief when blast happen. After the explosion, the explosion venting window can be closed as an external window.

性能参数 Performances

性能 Performance	等级 Rating	测试机构 Testing Institution
泄爆性能 Release Pressure	P≤20kPa	南京理工大学 Nanjing University of Science and Technology
泄爆性能 Release Pressure	P≤20kPa	公安部检测中心 China Ministry of Public Security
气密性 Airtightness	6级	上海市质量监督检验技术研究院 Shanghai Institute of Quality Inspection and Technical research
水密性 Watertightness	3级	

参考图 Overview

