

FLAME CATCHER™ FLAMELESS EXPLOSION VENTING

General data sheet

Application

In case of an explosion, the Flame Catcher™ prevents flames from spreading further outside the flame arrester. On the inside, the Flame Catcher™ contains many layers of metallic mesh which forms the flame arrester element. This flame arrester will reduce the temperature of the incandescent dust and gas to below their ignition temperature. Incandescent dust is retained within the arrester element and gases from the explosion are vented through the device into the external atmosphere around the Flame Catcher™.

The flame catcher is typically used to protect dryers, mills, filters, cyclones, etc.

Flame Catcher™ features

- ◆ Casing available in steel or stainless steel or aluminium
- ◆ Easy to install
- ◆ Maintenance free
- ◆ Flame arrester available for easy replacement
- ◆ Hinge construction for easy access
- ◆ 2 rupture sensors
- ◆ Compliant with EN 16009:2011

Possibility to deliver pre-assembled.

