PRODUCT INFORMATION

FLEX C PRO, FLEX C PRO S

The flameless explosion venting device FLEX C PRO, FLEX C PRO S guarantees explosion venting in closed, indoor and difficult-to-access areas without spreading flame, dangerous pressure and temperature to the surrounding area.

FUNCTION PRINCIPLE

The explosion venting device opens due to fast increasing pressure and the FLEX absorbs flame, burning dust, and gases. As opposed to an explosion venting the FLEX device is capable to absorb these undesirable effects thanks to its construction.

The explosion venting can achieve temperatures up to 1 500 °C, with light metals such as aluminum and magnesium the temperature being around 3 000 °C.

During explosion venting with the FLEX flameless equipment, the temperature is lowered to a safe level that is not dangerous for surrounding equipment and for work and movement of personnel.

Protection of your technology by the FLEX flameless explosion venting device is suitable in cases, where the explosion venting is not possible to a safety zone or there is not enough space for installation of conventional explosion venting device.

ADVANTAGES

- efficient interception of flame and temperature
- providing a safe zone for technology, construction, and people
- **effective dust retention - no environmental pollution**
- suitable for the food and pharmaceutical industries
- easy installation and maintenance-free operation
- elimination of high costs for building modifications
- **also suitable for technologies various volumes working with non-metal dust (incl. sugar, wooden pellets) and metal dust (incl. Al, Mg, etc...)**
- meets the strictest requirements legislation for flameless explosion venting

OPTIONAL ACCESSORIES

- sanitary bag
- intrinsically safe relay

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EN 16009 MEETS

NFPA 68 MEETS

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PRODUCT INFORMATION

FLEX F PRO

The flameless explosion venting device FLEX F PRO guarantees explosion venting in closed, indoor and difficult-to-access areas without spreading flame, dangerous pressure and temperature to the surrounding area.

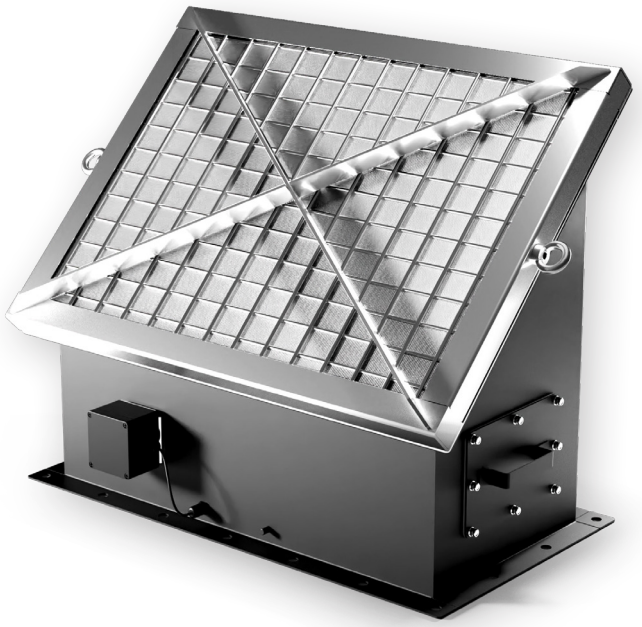
FUNCTION PRINCIPLE

The explosion venting device opens due to fast increasing pressure and the FLEX absorbs flame, burning dust, and gases. As opposed to an explosion venting the FLEX device is capable to absorb these undesirable effects thanks to its construction.

The explosion venting can achieve temperatures up to 1 500 °C, with light metals such as aluminum and magnesium the temperature being around 3 000 °C.

During explosion venting with the FLEX flameless equipment, the temperature is lowered to a safe level that is not dangerous for surrounding equipment and for work and movement of personnel.

Protection of your technology by the FLEX flameless explosion venting device is suitable in cases, where the explosion venting is not possible to a safety zone or there is not enough space for installation of conventional explosion venting device.



ADVANTAGES

- efficient interception of flame and temperature
- providing a safe zone for technology, construction, and people
- **effective dust retention - no environmental pollution**
- suitable for the food and pharmaceutical industries
- easy installation and maintenance-free operation
- elimination of high costs for building modifications
- **also suitable for technologies small volumes working with non-metal dust (incl. sugar, wooden pellets)**
- meets the strictest requirements legislation for flameless explosion venting

OPTIONAL ACCESSORIES

- sanitary bag
- intrinsically safe relay

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PRODUCT INFORMATION

FLEX R PRO

The flameless explosion venting device FLEX R PRO guarantees explosion venting in closed, indoor and difficult-to-access areas without spreading flame, dangerous pressure and temperature to the surrounding area.

FUNCTION PRINCIPLE

The explosion venting device opens due to fast increasing pressure and the FLEX absorbs flame, burning dust, and gases. As opposed to an explosion venting the FLEX device is capable to absorb these undesirable effects thanks to its construction.

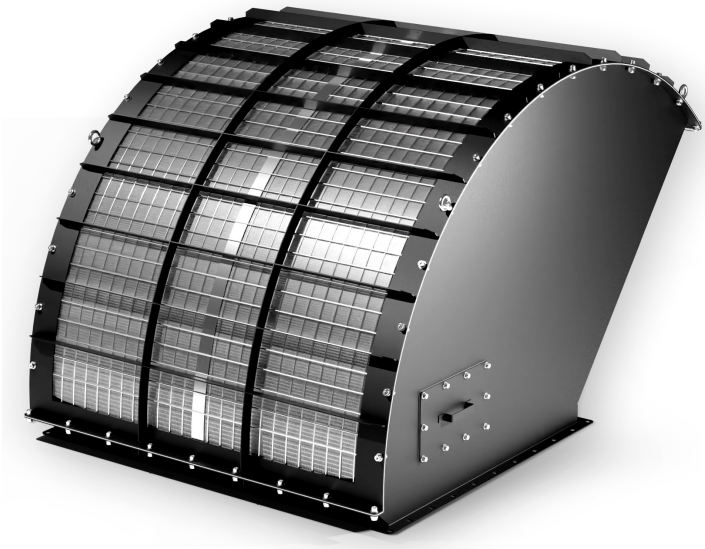
The explosion venting can achieve temperatures up to 1 500 °C, with light metals such as aluminum and magnesium the temperature being around 3 000 °C.

During explosion venting with the FLEX flameless equipment, the temperature is lowered to a safe level that is not dangerous for surrounding equipment and for work and movement of personnel.

Protection of your technology by the FLEX flameless explosion venting device is suitable in cases, where the explosion venting is not possible to a safety zone or there is not enough space for installation of conventional explosion venting device.

ADVANTAGES

- efficient interception of flame and temperature
- providing a safe zone for technology, construction, and people
- **effective dust retention - no environmental pollution**
- suitable for the food and pharmaceutical industries
- easy installation and maintenance-free operation
- elimination of high costs for building modifications
- **also suitable for technologies small volumes working with non-metal dust (incl. sugar, wooden pellets)**
- meets the strictest requirements legislation for flameless explosion venting



OPTIONAL ACCESSORIES

- sanitary bag
- intrinsically safe relay

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PRODUCT INFORMATION

FLEX II R

The flameless explosion venting device FLEX II R guarantees explosion venting in closed, indoor and difficult-to-access areas without spreading flame, dangerous pressure and temperature to the surrounding area.

FUNCTION PRINCIPLE

The explosion venting device opens due to fast increasing pressure and the FLEX absorbs flame, burning dust, and gases. As opposed to an explosion venting the FLEX device is capable to absorb these undesirable effects thanks to its construction.

The explosion venting can achieve temperatures up to 1 500 °C, with light metals such as aluminum and magnesium the temperature being around 3 000 °C.

During explosion venting with the FLEX flameless equipment, the temperature is lowered to a safe level that is not dangerous for surrounding equipment and for work and movement of personnel.

Protection of your technology by the FLEX flameless explosion venting device is suitable in cases, where the explosion venting is not possible to a safety zone or there is not enough space for installation of conventional explosion venting device.

ADVANTAGES

- efficient interception of flame and temperature
- providing a safe zone for technology, construction, and people
- **effective dust retention - no environmental pollution**
- suitable for the food and pharmaceutical industries
- easy installation and maintenance-free operation
- elimination of high costs for building modifications
- **also suitable for technologies small volumes working with non-metal dust (incl. sugar, wooden pellets)**
- meets the strictest requirements legislation for flameless explosion venting

OPTIONAL ACCESSORIES

- sanitary bag
- intrinsically safe relay
- flange gasket - specially

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