

## EXPLOVENT ERL

### *Explosion Relief Louver Multi-Function Extruded Aluminum Operable Damper*

#### **Application:**

Any facility where potentially explosive atmospheres exist and require explosion venting with the ability to handle every day exhaust and intake ventilation requirements. Facilities handling hazardous materials are required by numerous building codes to provide adequate safeguards against explosions.

#### **Function:**

An explosion vent is designed to be the weakest part of the external structure. As the explosion vent detects the pressure rise, it opens quickly allowing the rapidly expanding heated gases to be released to the outside.

#### **Technical Features and Options:**

- Provides explosion or pressure venting with the ability to handle every day exhaust and intake ventilation requirements.
- Suitable for applications where exterior interference is present that would block the operation of standard explosion vents.
- Explovent Model ERL meets NFPA 68 Guide for Venting of Deflagrations and major building and fire code requirements.
- System can be field tested for release through non-destructive means.
- Extremely lightweight low inertia design allows for quick effective venting to mitigate the development of dangerous overpressures.
- System employs a permanent magnetic latch calibrated to release at a specific range.
- May be operated as a damper manually or remotely using electric or pneumatic actuators
- Available in Kynar 500, CS Powder Coat or anodized architectural finishes.

