

EXPLOVENT ERP-PC

Top or Bottom Hinged, Explosion Vent Polycarbonate Core Insert

Application:

Any facility where potentially explosive atmospheres exist and require explosion venting with natural lighting. 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 experiences the pressure rise, it opens quickly allowing the rapidly expanding heated gases to be released to the outside.

Technical Features and Options:

- ERP-PC meets '98 NFPA 68 Guide for Venting of Deflagrations and major building and fire code requirements.
- Brighten up the workspace while reducing the need for artificial lighting. Specify one of our attractive high strength translucent polycarbonate inserts. They are available in clear, white, and bronze tint.
- System can be field tested for release through non-destructive means.
- Patented panel latch mechanism is factory calibrated to meet critical design release values.
- Explovent can be calibrated for very low-pressure release settings since the system is designed to reset following negative wind actuation.
- Smooth beveled surfaces reduce dust accumulation and allow for ease of cleaning, a key to reducing secondary explosions.
- Our rotating hold-open device protects the structure from implosion forces as super-heated gases begin to cool.
- Shock restraint device designed to cushion the panel's deceleration as the full open position is reached.

