

EXPLOVENT ERP-FS

Fire Suppression Pressure Relief Systems

Application:

In facilities where high-pressure gaseous fire suppressant agents are employed as the method to combat fire.

Function:

Units respond to pressure rise experienced during the release of fire suppressant agents. Panels open relieving the pressure spike and then come to a near closed position to maintain required fire suppression agent concentration.

Two Models are Available:

- Pressure Trip Switch activated (released) by the suppressant being piped to the trip switch at the same time as being introduced into the room. Once released the pressure pushes the panel open.
- Electromagnetic latch linked with the smoke or fire alarm control system. With a disconnection of power, the panel is pushed open by the pressure rise in the room.

Technical Features and Options:

- Designed to protect interior wall and ceiling structures from the pressure rise experienced during the release of fire suppressant agents into a confined room space.
- Core material to be insulated, metal clad, polycarbonate, or other as required.
- Interior and exterior seals provide a comfortable draft-free environment.
- System can be field tested for release through non-destructive means.
- Can save on damage cost in event of an accident within the facility.
- Architectural design offers non-industrial appearance.

