PRO™SMART MODULAR CABINET

Modular PROSMART Cabinet System is an easy installation solution alternative to a single cylinder systems. The cabinet includes a cylinder with actuators and accessories, extinguishing control panel with release button, 1st and 2nd stage sounder and combined sounder beacons and field connectors.

SINGLE CABINET

MULTI CABINET

PRO™227 HFC-227ea and PRO™5112 FK-5-1-12 systems are inspected and approved by VdS (Vertrauen durch Sicherheit), safe for use in occupied spaces and can reach extinguishing levels in 10 seconds or less, stopping ordinary combustible, electrical, and flammable liquid fires before they cause significant damage.

PRO™SMART systems are designed to prevent the damage that can be caused by water by putting out the fire before it gets out of control. Several seconds can mean the difference between a minor inconvenience and a business stopping fire. When fire extinguished quickly, it means an extra margin of safety for the people, less damage, and lower repair costs. It also means less disruption and downtime for business.

MAIN ADVANTAGES

PRO™227 and PRO™5112 systems are inspected and approved by VdS (Vertrauen durch Sicherheit in Germany). All related accessories of discharge valves, release devices, discharge accessories are approved by VdS (Vertrauen durch Sicherheit in Germany). Hydraulic calculations are performed by VdS Software (Vertrauen durch Sicherheit in Germany).

Cylinders are all PED and TPED certified and sizes are available capacity with min test pressure of 69 bar. HFC-227ea (a.k.a. FM200) agent and FK-5-1-12 (a.k.a NOVEC) are UL and FM Approved. Nozzles from ⅜" up to 2" and made of brass. 180 or 360 degrees models available.

PRO™SMART cabinet cylinder capacities are 8lt, 16lt, 20 lt, 32lt, 52lt and 80 lt.

SUPERIOR GASEOUS FIRE SUPRESSION SYSTEMS

HFC-227ea and FK-5-1-12 agents have been validated by independent agencies, recognised from Underwriters Laboratories (UL) and/or approved by Factory Mutual Research Corporation (FM). Agents are listed as an acceptable agent for the replacement of Halon 1301 and new applications in the United States Environmental Protection Agency's (EPA's) Significant New Alternative Policy (SNAP) program in total flooding systems. Agents has a zero ozone depletion potential (ODP) and is the environmentally preferred alternative to Halon 1301. Agents included in the National Fire Protection Association (NFPA) 2001 Clean Agent Standard and the International Standards Organization (ISO) 15004 Clean Agent Standard.

HFC-227ea and FK-5-1-12 systems extinguishes fires mainly by physical means, but also by some chemical means. Total flooding systems may be used for extinguishing fires of all classes within the limits specified in EN 15004-1:2008 and NFPA 2001. Because agents are electrically non-conductive agent (it is also odourless and colourless), that protects people, high value assets, and the continuity of business operations. Agents are effective both in the protection of electrical hazards such as computer rooms, electrical rooms and data centers. Furthermore, it is suitable for Class A fires (fires including solid material), as well as for Class B fires (flammable liquids) and Class C fires (flamable gases).

EXTINGUISHING CONTROL PANELS

Designed and manufactured to the highest standards in a quality controlled environment with European EN12094-1 approvals and UL/FM approved alternatives for special requirements. The extinguishant releasing panel offers outstanding value and performance for all fixed fire suppression installations.

- Multiple detection zones as standard
- Configurable detection delays
- Compatable with I.S barriers
- Countdown timer shows time remaining until release
- Supports remote status indicators

POINT TYPE DETECTORS

Smoke, heat, combined, flame and beam fire detectors, form a range of elegantly designed, aesthetic, low profile detectors which blend unobtrusively into modern working environments. All detectors incorporate 'FIRE' LED indicator. All detectors are interchangeable with a variety of base options.

- Enhanced sensitivity to a wide range of fire types
- High resistance to false alarm
- Ultra low quiescent current
- Various types of warning devices

ASPIRATING FIRE&SMOKE DETECTORS

Several types of aspirating detector available to identify the optically invisible fire particulate by utilising the unique 'Cloud Chamber Detection' (CCD) and LED based superior smoke detection technologies.

Depending on the materials burning, particularly in the many modern applications for aspirating detection systems, some fires burn with only a small amount of visible smoke, whereas others burn with greater volumes of visible smoke.