



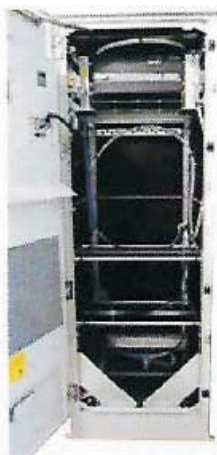
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Kwick Fire Protection, A Division of Kwick Soft Solutions Pvt. Ltd. is the Sole Authorized Distributors for Proteng Fire Safety Products In India.

T Series Cylinder Less Automatic Fire Suppression System has a Unique Technology for the Safety of Assets & Public, can be used in various Application areas with Zero maintenance.

Application Areas



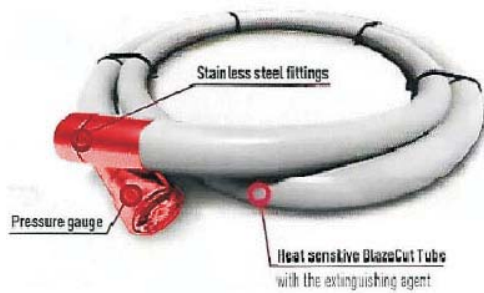
APPLICATIONS

- Engine Compartments of Vehicles, Machines , Pleasure Boats, Earthmoving Equipment
- Electrical, It Servers and Battery Cabinets
- Vending Machines, Pos Machines, ATMs
- Electrical Charging Stations
- Enclosures with Audio-video Devices
- Small Generators, Lighting Towers
- Farming & Agricultural Machinery



T Series Cylinder Less Automatic Fire Suppression System - a Unique Fire Safety System

Technology



The system consists of a heat sensitive Proteng Tube made of special plastic which is closed by a fitting on each end. It has both storage and detection function which means that the extinguishing agent is stored directly in the Tube and no additional storage device such as cylinder is needed.

Proteng system operates automatically independent of any power supply by detecting higher temperatures. When the temperature in the protected enclosure rises to a critical threshold, the detection tube melts down at the point where the affecting temperature is the highest. Melting the tube creates a hole releasing the entire extinguishing agent stored in the tube onto the source of the fire.

T Series systems are supplied in various lengths of the tube and volumes of agent. The standard volume of agent ranges from 0.25 kg to 1 kg, which is sufficient to protect enclosures with volume between 0,25 m³ and 1.00 m³ respectively.

How It Works?



Extinguishing Agent

Proteng T Series system uses HFC-227 ea and HFC-236fa extinguishing agents. Both extinguishing agents are world-wide known and accepted clean agents used for volume fire suppression with very high effect, zero ozone depletion potential and safe to people. It is the agent of choice for protection of enclosures where any residue would cause harm to the protected sensitive devices.

- Universal use: high flexibility of Proteng Tube and A, B, C and electrical fires class rating can protect almost any space
- High cost-effective, zero maintenance, long life, automatic activation, just install and forget, low space requirements, optimal utilization of technology etc.
- No cylinder for storage of extinguishing agent needed: the whole system can be placed inside the protected enclosure
- Clean and effective extinguishing agent: world-wide known and accepted HFC gases [HFC-227ea .
- No pressurization needed: the system works by increasing pressure of the extinguishing agent when heated
- Automatic operation based on increased temperature: ideal for non-occupied spaces or spaces out of sight
- Fully independent: system is operational 24/7 without any power supply.
- No maintenance during entire working life= zero maintenance costs
- Long working life: 5-6 years depending on the type of application
- No harm to protected enclosure and people when discharged
- Very simple installation: no training required for installation
- Low operation temperatures: up to -40°C & +55
- Activation temperature: about MOE



Class A
ordinary combustibles
(creating flames)



Class B
flammable
liquids



Class C
burning
gases



**Live
Electrical
equipment**