



THIS AGENT IS APPLICABLE FOR

Coldstorage Warehouses

Bank Vault and Critical Assets

Original Document Storage

Generator and Turbine Enclosures

Museum and Library Collections

Data Processing and IT Centres

Telecommunication Equipment

Modular Pre-engineered System

The ECKOSHIELD® pre-engineered fire suppression system is SABS (South African Bureau of Standards) approved. ECKOSHIELD® clean fire suppression agents are fast and effective with low space-to-weight characteristics.

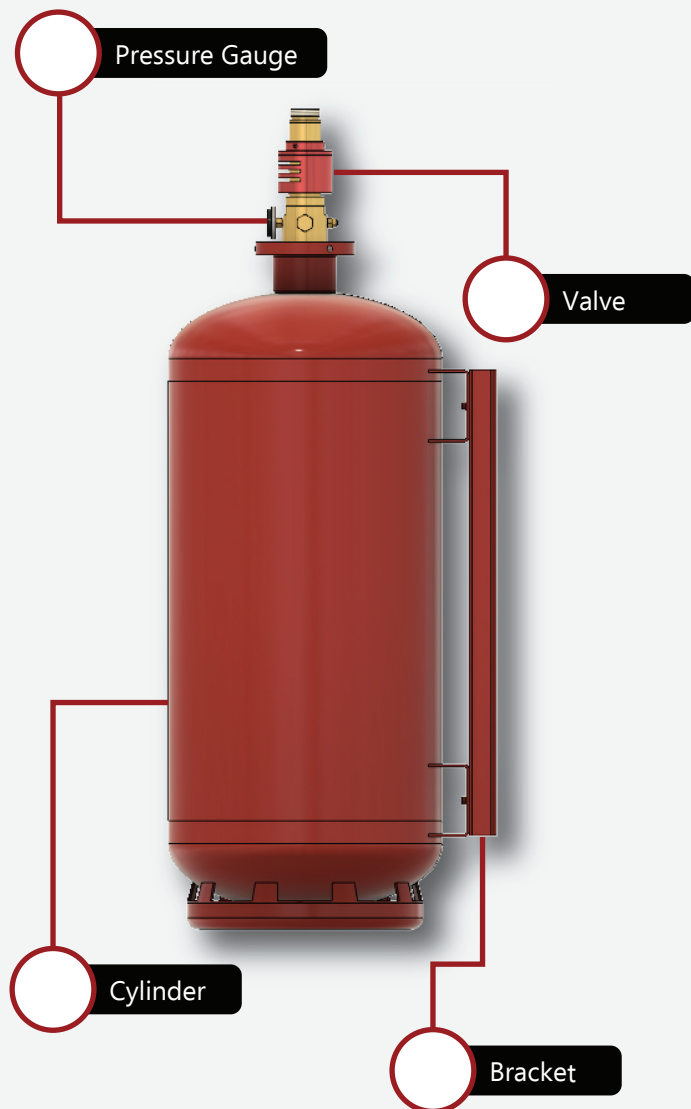
The universal range comprises a versatile line of cylinders, valves and related components, which have been selected for use with ECKOSHIELD® and have been subjected to stringent testing procedures. Flexibility, quality and reliability make the range the world's finest in fire safety and the equipment carries worldwide third party listing through the SABS (South African Bureau of Standards).

The alternative pre-engineered ECKOSHIELD® modular systems offer a low engineering/design cost option with defined maximum design parameters. Engineered systems offer optimum designs for the defined risks with reduced pipe sizes, unbalanced flows and common room and void protection possible.



TODAY'S SOLUTIONS for tomorrow's risks

The NFPA 2001 lists HFC227 as environmentally acceptable and safe for human exposure. HFC227 is extensively used throughout the world and continent of Africa as a suitable fire protection system and is supported by an extensive service network. Eckoshield® HFC227 cylinders are manufactured in South Africa and are approved to SANS 347:2012 and SABS (South African Bureau of Standards).



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ADVANTAGES OF THIS AGENT

- Safe for humans and animals.
- Fast discharge in 10 seconds or less.
- Easy and fast installation.
- No damage to assets on discharge.
- No water or chemical related damages.

The benefit of a pre-engineered fire suppression system is that there is no need to run pipes within the designated areas. The reason for this is that the specially designed nozzle mounted on top of the cylinder allows the agent to be released directly into the intended area. The pressure utilised is much higher, providing faster agent delivery and wider coverage in comparison to an engineered system, where there is frictional loss through distribution pipework and fittings.

Due to the pre-engineered system, installation allows for minimum interruption and easily avoids clashes with other mechanical and electrical reticulation services.