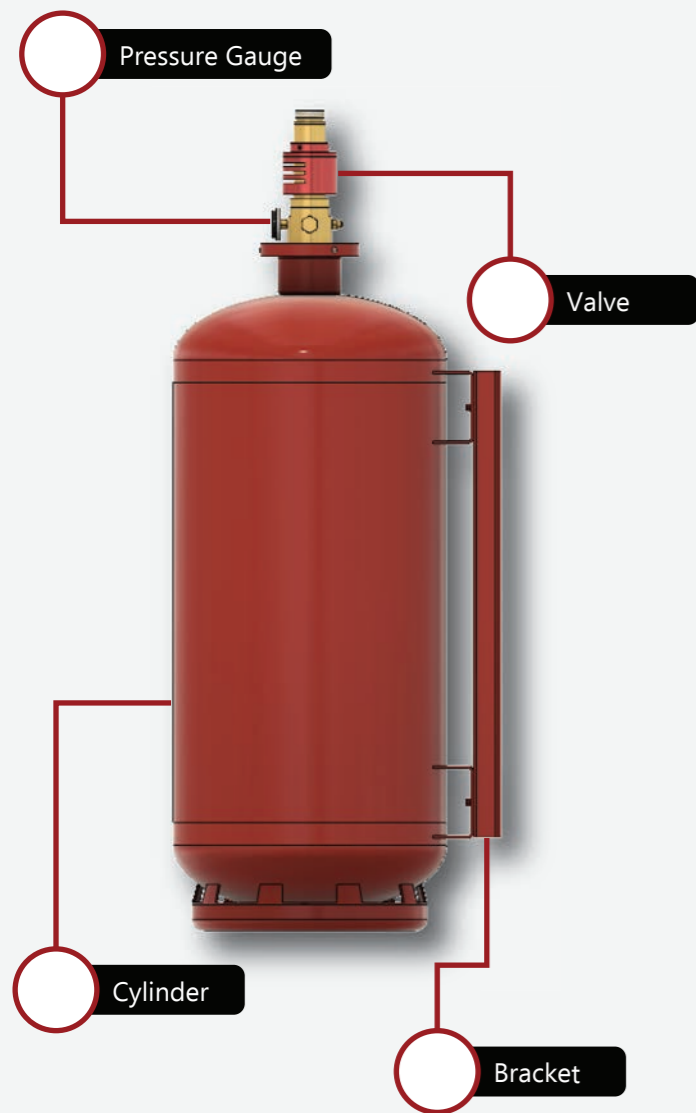


TODAY'S SOLUTIONS for tomorrow's risks

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).



Head Office






Unit 7, Flintstone Park, Gateway Industrial Estate 42 Sarel Baard Rd, Centurion 0157, South Africa PO Box 277, Raslouw 0109, South Africa

Tel: +27 12 621 9400
Fax: +27 12 661 6110

info@fstafira.co.za
www.fstafira.co.za



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.



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.



THIS AGENT IS APPLICABLE FOR

Coldstorage Warehouses

Bank Vault and Critical Assets

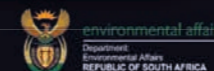
Original Document Storage

Generator and Turbine Enclosures

Museum and Library Collections

Data Processing and IT Centres

Telecommunication Equipment

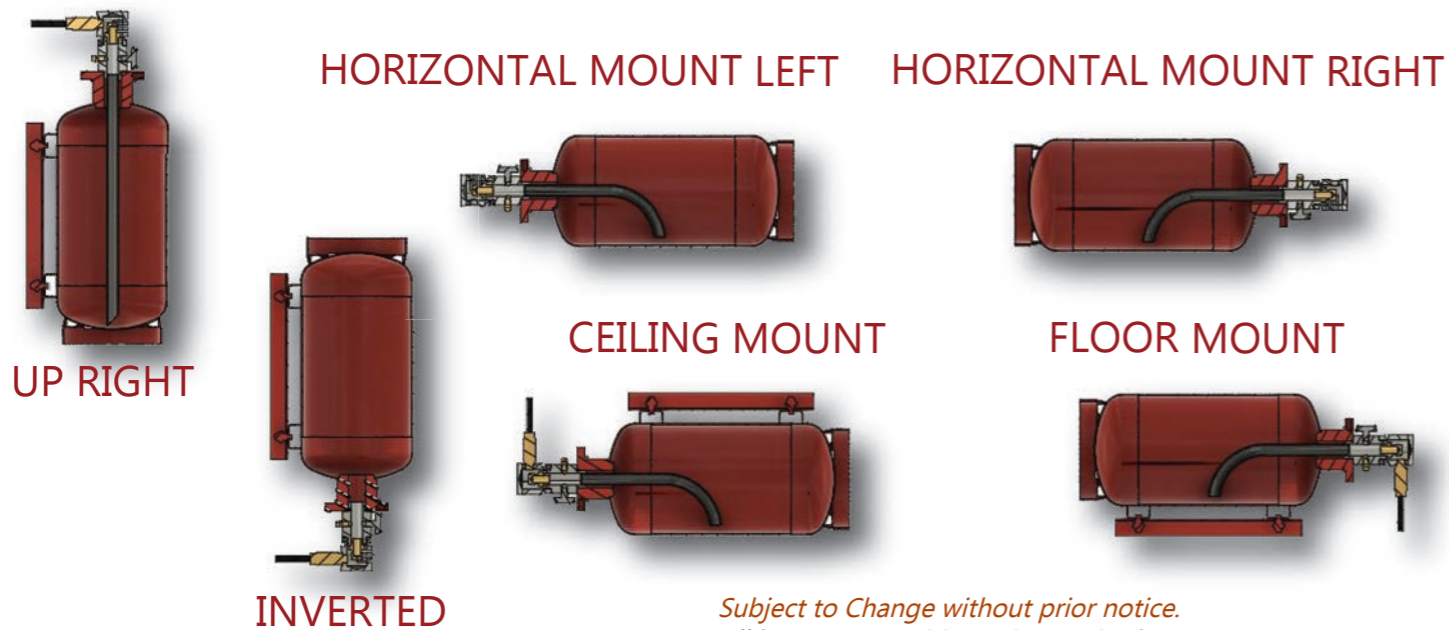


HOW TO SELECT A FIRE SUPPRESSION SYSTEM?

- Will I get the correct advice?
- How do I know my supplier has designed the system correctly?
- Will I get support for the system from both the contractor and the supplier of equipment?
- Is the equipment and spare parts readily available in my region?
- Will I get commissioning and testing services, such as room integrity and pressure testing?
- Will the system comply to all the health and safety requirements of my region?
- Can I witness a fire test for my application?
- Are there a local refill and testing services?
- Is the system approved and what do the various approvals mean to me?
- Will I have experts on call to advise me?



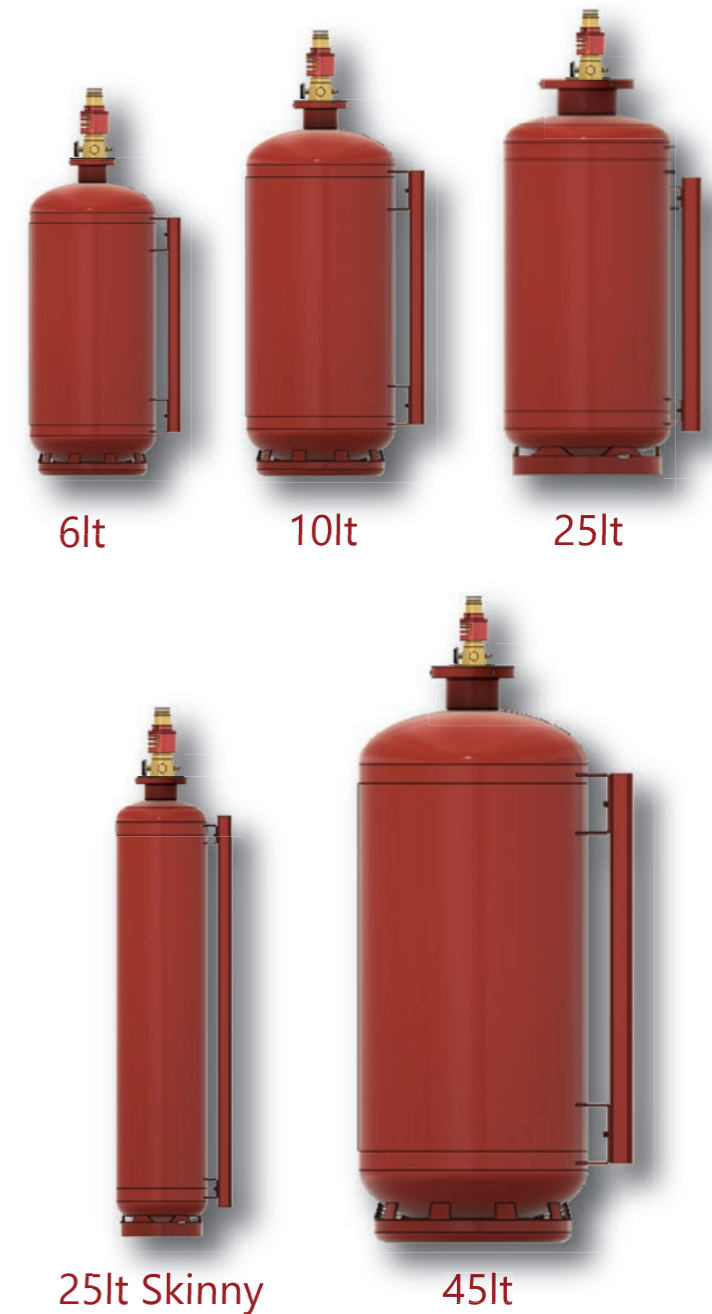
ECKOSHIELD® PRE-ENGINEERED CYLINDER MOUNTING



*Subject to Change without prior notice.
All issues are UNCONTROLLED Copies.*

OUR METHODOLOGY

- Risk Analysis
- Risk Assessment
- Precision Components and System Engineering
- Custom design in accordance to layout and regulation
- Conforming to legal requirements
- Installation (Completed by our Installer Network)
- Testing and Commissioning
- Certification
- Service Agreement



CYLINDER DIMENSIONS

CYLINDER CAPACITY	CYLINDER LENGTH C/W VALVE	CYLINDER DIAMETER	CYLINDER DIAMETER INC BRACKET	TARE WEIGHT INC BRACKET NOT INC VALVE
6LT	460 mm	200 mm	260 mm	8.7 kg
10LT	590 mm	200 mm	260 mm	10.9 kg
15lt	750 mm	200 mm	260 mm	14.1 kg
25lt Skinny	1090 mm	200 mm	260 mm	20.2 kg
25LT	590 mm	300 mm	360 mm	16.3 kg
45LT	860 mm	300 mm	360 mm	24.4 kg
58LT	1100 mm	300 mm	n/a	26 kg
100LT	960 mm	460 mm	n/a	62 kg
155LT	1310 mm	460 mm	n/a	85 kg
175LT	1470 mm	460 mm	n/a	87 kg