

Sustainable active fire protection



FSL CG⁴ engineered system with

3M™ Novec™ 1230

The 4th generation of clean agent low pressure chemical Fire Suppression Systems

Clean agent chemical gaseous fire protection systems reach extinguishing levels in seconds.

Novec 1230 fluid is stored as a liquid and discharged as a gas. It distributes uniformly throughout the hazard zone, and suppresses fire primarily by heat absorption from the flame.

The FSL CG⁴ UL listed system is engineered to optimise the unique flow characteristics of Novec 1230. Due to lower volatility, Novec can be safely charged to 35bar (500 psi). The increased pressure, combined with the liquid flow characteristics of Novec in the discharge piping, has enabled significant improvements in design flexibility over traditional 25 bar (360psi) systems:

Greater pipe volume to liquid agent volume, enabling larger than average distribution networks

Increased distance from the cylinder to the nozzle

Increased vertical differential from the cylinder to the nozzle

Cylinder sizes range from 15 litre through to 490 litre

4 sizes of cylinder valve, includes the market leading 4" (100mm)



Flexible solutions for fire suppression

Why choose FSL CG⁴?

- Highly efficient, fast extinguishing time reduces downtime and helps maintain business continuity
- High safety margin - designed to put out fires long before it reaches a level of concentration that could adversely affect humans
- Reduced installation, servicing and maintenance costs due to smaller hardware requirements
- Non-corrosive and electrically non-conductive
- Fast and effective against a wide range of Class A, B & electrical fires

Why choose FSL?

- FSL are dedicated to supporting our distributors
- FSL offer world wide availability
- FSL have extensive system design experience - value engineering to minimise system costs
- FSL are independent
- FSL products and systems have full international Component and System Approvals



A REAL ALTERNATIVE



Training is available on all FSL systems and can be tailored to suit your requirements.

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Other FSL Products Include:

- HFC227ea / FM-200[®]
- Inertech[®]
- Detection & Alarm
- Air Sampling



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