

## FIRE PROTECTION PROVEN EXCELLENCE

FSL (Firetec Systems Limited) was formed to provide an independent global source of Fire Extinguishing technology. As a manufacturer of internationally approved products, FSL provides a unique level of service to its customers.

A full range of gaseous extinguishing systems enables us to satisfy the needs of the client from one recognised source. Gaseous systems include the fully approved hardware for FK 5112 (Novec 1230) and HFC-227ea at 25– 42 bar and IG55, IG541, IG100, IG01 at 200 and 300 bar. Proof of the quality offered is evident from the UK LPCB/BRE, German VdS, French A2P, EU CPR/CE and the newly obtained UKCA Certification which verifies the performance and quality during component and system testing and is continuously monitored by regular audits. FSL are fully committed to quality and service.

We believe in supporting the development of our qualified distributors with exclusive technical and commercial training. We provide a wide range of distributor courses and OEM programs which are designed to create local centres of excellence.

## SYSTEM DESIGN

Systems are engineered to give effective discharge of extinguishant into the risk area. Comprehensive gaseous system design calculations are undertaken using internationally recognised Vds (Vertauen durch Sicherheit) calculation programs.

The Firetec approved systems are designed and configured to meet client specifications and the required design installation and maintenance standards:

EN15004 Fixed fire fighting systems - Gas extinguishing systems.

ISO14520 Gaseous fire extinguishing systems - Physical properties and design.

NFPA 2001 Standard on Clean Agent Fire Extinguishing Systems.

**Systems available from your local Distributor**



Fire Industry Association



Fire Industry Association-Full member  
BRE/LPCB ISO 9001:2015 C1222  
BRE/LPCB LPS1230 C1222a-03  
BRE/LPCB Gas Components C1222b-03  
BRE/LPCB Gas Components C1222c-03  
BRE/LPCB Gas Components C1222d-03  
BRE/LPCB Gas Components C1222f-03  
VdS Approval S326003  
3M Approved OEM-Fire Protection Products  
BRE GLOBAL 2831-CPR-S0012  
BRE GLOBAL 2831-CPR-S0013  
BRE GLOBAL 2831-CPR-S0014  
BRE GLOBAL 2831-CPR-S0015  
BRE GLOBAL 2831-CPR-S0016  
BRE GLOBAL 2831-CPR-S0012  
BRE GLOBAL 0832-UKCA-CPR-S5087  
BRE GLOBAL 0832-UKCA-CPR-S5088  
BRE GLOBAL 0832-UKCA-CPR-S5089  
BRE GLOBAL 0832-UKCA-CPR-S5090  
BRE GLOBAL 0832-UKCA-CPR-S5091  
A2P 49.15.H13

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## EXCEPTIONAL LEVELS OF SERVICE A TOTAL SOLUTION FOR CRITICAL FIRE RISKS

- ◆ Dedicated to the technical support of our distributors
  - ◆ Extensive system design experience
  - ◆ Independent supplier
  - ◆ LPCB full system approval
  - ◆ CE & UKCA Marked products
  - ◆ LPCB, CE & UKCA Component Approvals
  - ◆ World wide availability
  - ◆ Full service to the Fire Trade
  - ◆ Local experts provide full design, Installation and maintenance
- FSL approved systems are the correct choice for business critical areas such as data centres, computer server rooms, telecoms rooms, electrical switchgear rooms and other vulnerable areas where fast protection without water damage is essential.
- These systems are ideal for the protection of irreplaceable items.
- ◆ Total flooding of the entire space provides total protection
  - ◆ Electrically non conductive
  - ◆ Safe for protecting occupied spaces
  - ◆ Efficient storage to minimise floor space and weight
  - ◆ Safe and suitable for EN Class A, B, Electrical Fires and NFPA Class A, B. and C
  - ◆ Maximum protection with the minimum hardware
  - ◆ The extinguishant disperses throughout the whole space and penetrates cabinets and obstructed areas providing total protection

**FSL FK5112** gaseous extinguishing systems use FK 5112 fire protection fluid at 25 & 42 bar.

FSL 5112 is an LPCB (Loss Prevention Certification Board) certified system. With LBCB & CE approved Components.

TPED Containers available in 15, 30, 50, 80, 120, 150 & 180 litre sizing.

FSL FK5112 Is not subject to HFC phasedown (F-GAS) under any global regulatory body and is:

- ◆ Safe for use in occupied space
- ◆ Electrically non-conductive
- ◆ Recognised by international standards such as NFPA 2001 and ISO 14520
- ◆ Able to extinguish the fire at the incipient stage
- ◆ Residue-free

## TESTED & APPROVED

LPCB Approval

CE Marked

UKCA Marked

Pressure vessels TPED certified and fully compliant with European and International codes.

## READY MADE SOLUTIONS

Hardware always available

Full container size range

Flexible actuation

## TRAINING & SUPPORT

Distributor support

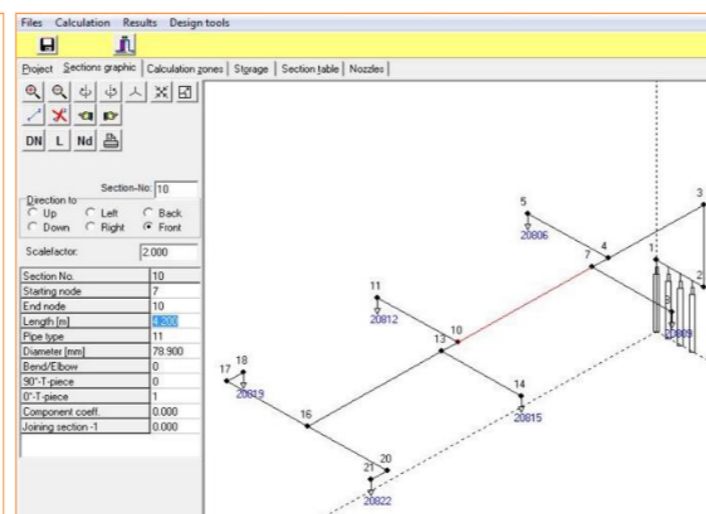
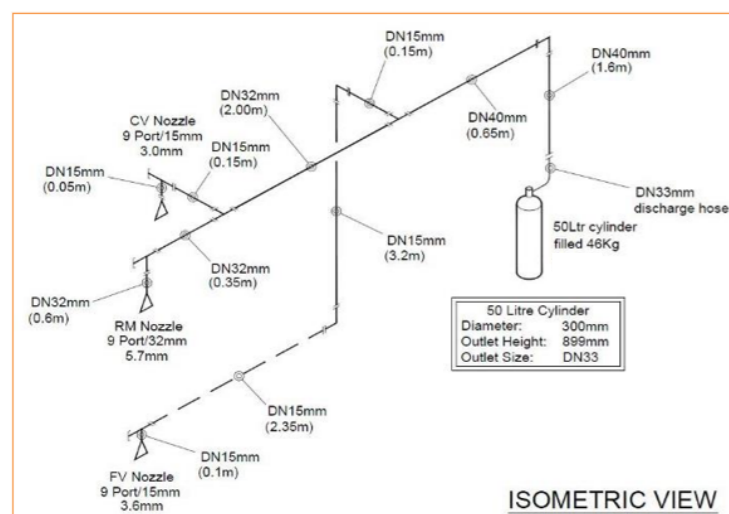
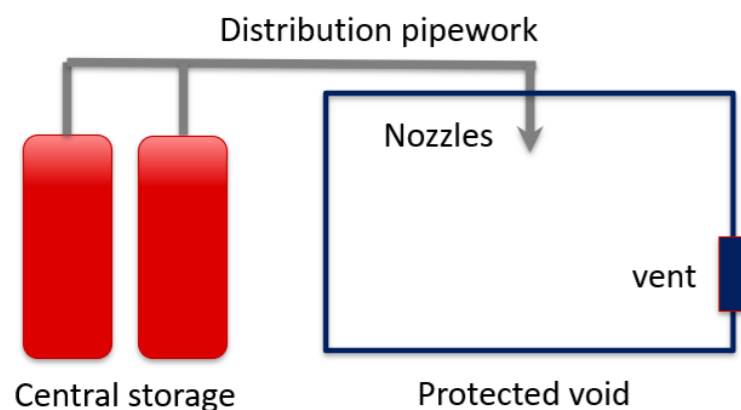
Specification & calculations

Local filling and recharge

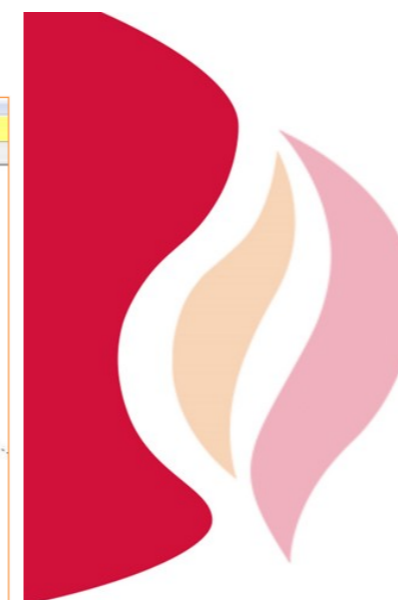
Easily configured

FK 5112 fire protection fluid uses sustainable long term technology that satisfies today's regulations, (ask for more details).

The properties of this revolutionary fire extinguishing agent provide an unprecedented low atmospheric lifetime and high safety levels in occupied spaces.



[www.firetec-systems.com](http://www.firetec-systems.com)



# Gaseous Extinguishing Systems

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