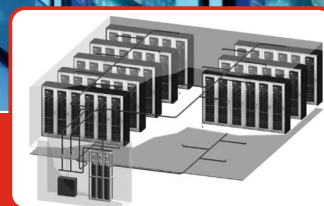
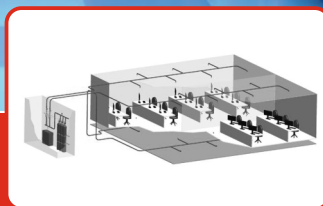




THE FIRE EXPERTS



ARE YOU READY TO PROTECT YOUR CRITICAL ASSETS ?  
CLEAN AGENT SUPPRESSION SYSTEM  
A MUST FOR HIGH VALUE ASSETS



## Clean Agent Fire Suppression System



SCAN & EXPLORE



## ENVIRONMENT FRIENDLY INERT GAS BASED FIRE SUPPRESSION SYSTEM

Inert Gas based suppression systems are made up of gases found in the atmosphere and are therefore completely environment friendly. IG-55 (50% Argon and 50% Nitrogen}, IG-100 (100% Nitrogen} and IG-541 (52% Nitrogen + 40% Argon + 8% CO<sub>2</sub>) are the compositions of the three Inert Gases. They work by completely flooding the room, reducing the oxygen content necessary for combustion at the same time ensuring adequate oxygen concentrations for use in occupied areas. The system is available with a working pressures of 200/300 bar and the calculation is based on the volume of the hazard area considering the design concentration as per NFPA 2001. Conventional schedule pipes can be used in this system. This system is specifically designed for installations with longer distances of pipe run.

## FEATURES & BENEFITS

- Zero ozone depletion potential (ODP) and greenhouse effect
- Suitable for occupied areas
- Very low refill cost
- Allows longer pipe runs
- Excellent post-discharge visibility
- Cost savings using selector valves

## 3M™ NOVEC 1230 BASED FIRE SUPPRESSION SYSTEM

NOVEC 1230 is one of the safest gases, which does not reduce oxygen. NOVEC 1230 is a synthetic/chemical fire suppression gas and extinguishes fire by removing free radicals or heat element from the fire triangle (Heat-Oxygen-Fuel). The concentration of NOVEC 1230 is typically between 5.3% to 5.6% of the room volume. NOVEC 1230 can be used in total/ partial/ localized flooding and directional spray type applications. NOVEC 1230 is a trademark of 3M Corporation.

### FEATURES AND BENEFITS

- Extinguishes fire in seconds, before it even starts and long before water-based system discharges
- Helps protect irreplaceable important paper documents and electronics because NOVEC 1230 fluid is a waterless fire suppression solution. It leaves no residue and it is non-conducting
- Provides highest margin of safety for human occupied areas among all Clean Agent Solution
- Comes with the global environmental warranty - the 3M™ Blue Sky™ warranty designed to provide additional peace of mind
- It is stored as liquid and discharged as gas
- It is applicable in case of Class A, B & C fires

## FM-200 BASED FIRE SUPPRESSION SYSTEM

FM-200 Heptafluoropropane is a colorless, odorless, gaseous Halocarbon, commonly used as gaseous Fire suppression agent. FM200 Fire Suppression falls under the category of Clean Agent and it is governed by NFPA 2001. Effective Fire Suppression requires introducing a concentration of HFC-227ea agent between 6.25% - 9% depending on hazard being suppressed. FM-200 (HFC-227ea) fire suppression agent was the first non-ozone depleting agent used for fire suppression. In addition to above, FM-200 leaves no residue on valuable equipment after discharge.

## FEATURES AND BENEFITS

- Zero ozone depletion potential
- Safe for occupied areas
- Minimal storage space required
- Suitable for protection on a range of high value risks
- Existing Halon/ Co2 System can be adapted with the use of FM 200
- Like Halon no cleaning required after discharge
- Low pressure System

### VIMAL FIRE CONTROLS PRIVATE LIMITED

📍 HO: 19/20, Vardhaman Complex, LBS Marg, Behind P&S Bank, Vikhroli (West), Mumbai 400083. India

🏢 Works: A1-851/1 & A1-851/2, GIDC industrial Estate, Makarpura, Vadodara – 390010 Gujarat, India

☎ 1800 890 1999 / +91 22 25783335 / 6 / 7 ✉ [vfcplmumbai@vimalfire.com](mailto:vfcplmumbai@vimalfire.com)

🌐 [/vfcplindia](#) 🐦 [/vfcpl](#) 📺 [/VimalFireControls](#)

SCAN TO EXPLORE



[www.vimalfire.com](http://www.vimalfire.com)