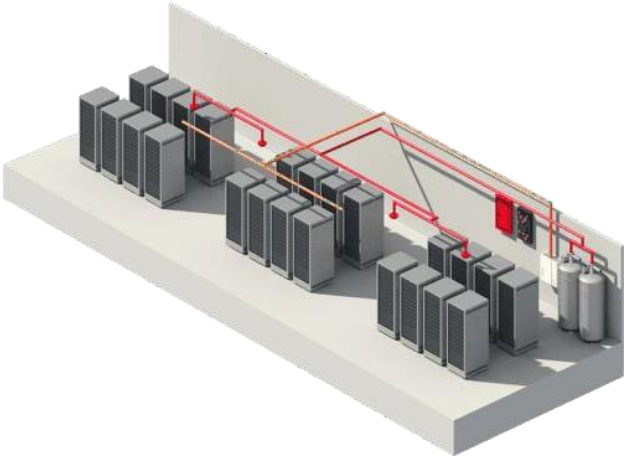




FIRE SUPPRESSION SYSTEM FOR DATA CENTERS



ABOUT US

Potentia has over 25 years of rich experience for execution of projects in Oil & Gas, Fertilizers, Power & Energy sectors of Pakistan. We have reliable, high-quality, & cost-effective fire suppression systems which meet the requirements and specifications of each client application which can be supplied from USA, Europe, and China origin (as per customers' preference).

ONE STOP SOLUTION FOR YOU!

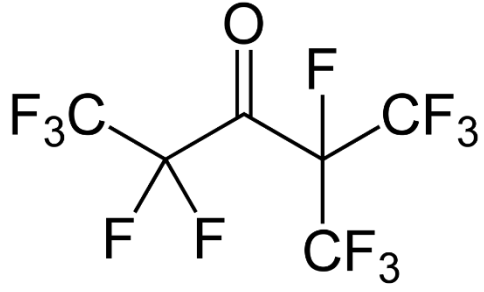
Potentia can design, and supply complete fire suppression systems to cater your data centers, including:

- Fire Suppressing Gas – Novec 1230 Gas or FM200
- Smoke Detectors
- Gas Detectors
- Flame Detectors
- Heat Detectors
- Controllers
- Control Stations
- Other Accessories

We provide fully customized fire suppression system specially designed for data centers

ABOUT NOVEC 1230 FLUID

Novec 1230 is a fluid that extinguishes a fire before it starts by rapidly removing heat. Novec 1230 fluid is a fluoroketone – a proprietary 3M technology that offers a number of important advantages over conventional halon replacements such as.



- Is non-corrosive
- Leaves no residue
- Is electrically non-conductive
- Rapidly vaporizes to gas during discharge
- Does not damage electronics, electronic media and delicate mechanical devices
- Can be safely used on energized equipment, helping to ensure continuity of operations



NOVEC 1230 FIRE PROTECTION SYSTEM



SAFETY ADVANTAGE

Major advantage of 3M™ Novec™ 1230 Fire Protection Fluid is its wide margin of safety in use – providing more flexibility in system design compared with other halon alternatives and ensures that occupants can safely egress the space since the NOAEL will not be exceeded

ENVIRONMENTAL PROFILE

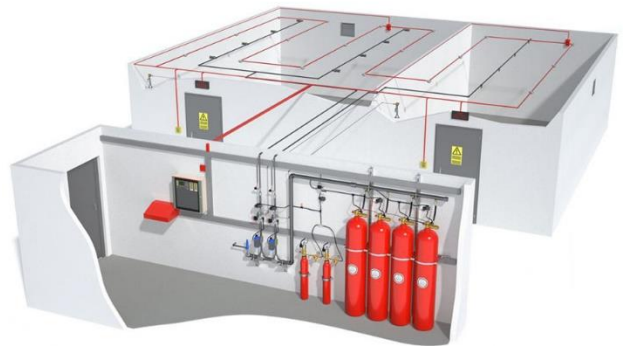
The environmental profile of Novec 1230 is unmatched to any existing data center fire suppression agents

- Non-ozone depleting
- Five-day atmospheric lifetime
- Global Warming Potential of 1

ABOUT FM200 FLUID

FM200 is a clean agent fire suppressant that uses the chemical hydrofluorocarbon, a colorless, liquid gas, to suppress fires

FM200 FIRE PROTECTION SYSTEM



NOVEC1230 vs FM200

Both NOVEC 1230 & FM200 sound similar on paper. They're both clean agents, which means they are safe for use on sensitive equipment and don't leave behind a residue, and use chemical agents to remove the presence of heat from a fire, thereby suppressing it. But that's really where the similarities stop

- Low toxicity of Novec as compared to FM200 makes it ideal for populated area
- Global Warming Potential of FM200 is above 3000 times more than that of Novec1230
- FM200 consumes less in comparison to Novec1230, hence acquire less storage area
- FM-200™ tends to be a slightly more cost-effective option because it's more readily available and less product is needed

No matter which fire suppression system you choose, we can find you the right solution to meet your unique requirements.



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SCAN ME