

# HFC-227ea Fire Suppression System

The HFC-227ea Fire Suppression System is an engineered system utilizing a clean agent for total flooding fire protection. Upon detection of a fire, the control system activates the release of HFC-227ea, which quickly suppresses the fire by interrupting the chemical chain reaction.



## System Overview

### Clean Agent Fire Suppression

The HFC-227ea Fire Suppression System is an engineered total flooding solution designed for critical environments. By utilizing a clean agent, it effectively suppresses fires by interrupting the chemical chain reaction without leaving residue. This system is specifically engineered to protect high-value assets such as data processing centers and sensitive electronic equipment where traditional water-based systems would cause damage.

## Technical Features

Agent Type	HFC-227ea
System Type	Total Flooding
Safety & Compatibility	Safe for occupied spaces, No residue, Non-conductive, Clean agent

## System Components

### Core Components

- Storage cylinders
- Distribution piping network
- Discharge nozzles
- Detection and control system

## Applications

### Suitable Environments

Data Centers • Electronic Equipment Rooms • Control Rooms • Telecommunications Facilities