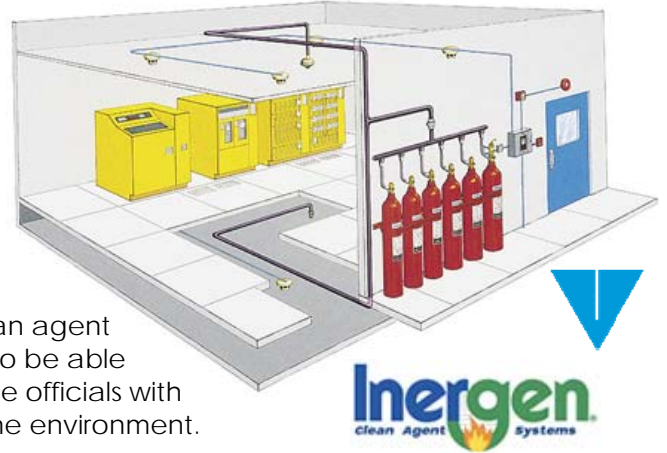


# CLEAN AGENT SUPPRESSION SYSTEMS

## ▼ VANGUARD KNOWS CLEAN AGENT SUPPRESSION

No area of fire suppression technology is changing as rapidly as the clean agent systems available to customers. For the most part the change has been driven by worldwide environmental studies and agreements—namely the Montreal Protocol in 1994 that banned new Halon systems, and the Kyoto Protocol that looms on the horizon and impacts HFC products like FM-200 and similar competing products.

Vanguard professionals monitor the developments in clean agent regulations, technology, and best practices. Our goal is to be able to consistently provide our customers, designers, and code officials with clean agent solutions that will be effective and safe for the environment.



## ▼ THE CLEANEST OF CLEAN AGENTS – INERGEN & SAPPHIRE

The ability to suppress fire with little to no residual damage to the area being protected has improved greatly with the introduction of Inergen and Sapphire clean agent systems.

Vanguard uses INERGEN® systems to protect enclosed areas where there is a need for quick reaction to a fire, where people may be present, where fire may strike day or night, and where damage from conventional agents cannot be tolerated.

Using water as a fire suppressant in areas where electronics operate and irreplaceable, high-value assets are stored could be as devastating as fire itself. SAPPHIRE® clean agent is custom-engineered to quickly suppress fires and protect sensitive equipment without causing harm to people or the environment.

Both products have zero ozone depletion, zero to extremely minimal global warming potential, and nearly no atmospheric lifetime. When compared to other clean agent systems and their impact on the environment, nothing comes close to being as green as these two products.

## ▼ HUNDREDS OF COMPANIES USE VANGUARD CLEAN AGENTS

Below, we have listed just a dozen of the hundreds of organizations that have recognized the value of a Vanguard Clean agent system. From MRI rooms and Scientific labs to IT rooms, records storage, libraries, and more—organizations of all shapes and sizes benefit from clean agent fire suppression.

- *Spectrum Health*
- *Flint Credit Union*
- *Van Andel Institute*
- *Ionia Public Schools*
- *Borisch Manufacturing*
- *Pfizer*
- *Hearthstone Baking*
- *Detroit Medical Center - Harper*
- *Central Michigan University*
- *Pine Rest Christian Mental Health*
- *Davenport University*
- *Aquinas College*
- *Foremost Insurance*
- *Gerald R. Ford International Airport*

## ▼ CLEAN AGENT EXTINGUISHERS



Vanguard offers portable clean agent fire extinguishers that are perfect for IT rooms, control centers, electronic machinery, and other critical areas where suppressing fire without ruining equipment, data, or records is vital.