

I - FLOOD

TOTAL FLOODING - CLEAN AGENT SYSTEM

PROTECT YOUR DATA CENTRES, SERVER ROOMS, AND ELECTRICAL INFRASTRUCTURE

Safeguard your mission-critical environments with our state-of-the-art **Total Flooding Clean Agent Systems**. Designed for rapid, residue-free fire suppression, these systems ensure the safety of your data centres, server rooms, and electrical infrastructure without compromising equipment or operations.

WHY CHOOSE OUR CLEAN AGENT SYSTEMS?

- Residue-Free Protection:** Clean agents leave no residue, preserving sensitive electronics and equipment.
- Environmentally Friendly:** Uses eco-conscious agents like Cleavos 200® or Cleavos 1230® zero ozone depletion potential gas (ODP). Safe for occupied spaces.
- Precision Design:** Tailored to protect high-value assets in data centres, server rooms, and electrical rooms.
- Compliance & Safety:** Meets NFPA 2001 standards for clean agent fire suppression systems.

KEY APPLICATIONS

- Data Centres:** Protect critical servers and IT infrastructure from fire-related disruptions.
- Server Rooms:** Ensure uptime with fast, effective fire suppression that won't harm sensitive equipment.
- Electrical Infrastructure:** Safeguard control rooms, switchgear, and other vital electrical systems.



A total flooding fire suppression system is an advanced fire protection system that rapidly fills an entire enclosed space with a fire-extinguishing agent to extinguish or contain a fire. It's a type of fixed fire suppression system, designed for areas where a fire could quickly spread, like server rooms or engine rooms.

HOW IT WORKS

1. **Detection:** Advanced sensors detect fire or smoke in seconds.
2. **Activation:** The system releases a clean agent gas, uniformly flooding the protected area.
3. **Suppression:** The agent extinguishes the fire by interrupting the combustion process without water or residue.
4. **Recovery:** Post-suppression, the area is safe for immediate re-entry, with no cleanup required.



BENEFITS TO YOUR BUSINESS

- 🔧 **Minimized Downtime:** Quick suppression and no residue mean faster recovery.
- 🔧 **Equipment Longevity:** Non-corrosive agents protect valuable hardware.
- 🔧 **Scalable Solutions:** Systems customized to fit spaces of any size or complexity.
- 🔧 **Peace of Mind:** 24/7 protection for your critical infrastructure.



Total flooding systems are used to protect high-value assets, business processes, and people by rapidly extinguishing or containing fires in enclosed spaces. These systems are particularly useful in areas with multiple electrical and electronic devices, such as server rooms, where the risk of fire is high due to the concentration of potential ignition sources.