



DATA CENTER FIRE PROTECTION

Why You Need the HT Series



Fire extinguishers for data centers are more important today than ever before. In today's hyper-connected world, data centers are the beating heart of digital infrastructure. Housing millions of dollars in servers, switches, and sensitive electronics, these facilities demand fire protection solutions that are fast, effective, and non-disruptive. That's where clean agent fire extinguishers come in—and why the Amerex HT Series stands out as the gold standard. The Amerex HT Series 551 has a 2-A:10-B:C UL rating that meets most building code requirements, and it fits conveniently in a fire extinguisher cabinet.

Because water or dry chemicals can damage electronics and cause downtime, traditional extinguishers are not suitable. Instead, data centers require a solution that neutralizes fire without harming equipment.

WHY CLEAN AGENT FIRE EXTINGUISHERS ARE ESSENTIAL

Clean agent extinguishers use **non-conductive, residue-free gases** to suppress fires. Their features make clean agents the preferred choice for protecting high-value assets in data centers, museums, healthcare facilities, and clean manufacturing environments.

ADVANTAGES INCLUDE:

- **No residue:** Ideal for electronics—no cleanup, no corrosion.
- **Fast suppression:** Quickly interrupts the fire's chemical reaction.
- **Environmentally responsible:** The Amerex HT series clean agent has very low ozone depletion potential and global warming footprint.

WHAT CLASS OF FIRE THREATENS DATA CENTERS?

Data centers are primarily at risk from Class C fires, which involve electrical equipment. These fires can originate from:

- Overloaded/short circuits
- Faulty wiring
- Overheating servers
- Malfunctioning cooling systems/poor airflow management
- UPS batteries
- Overheated cables/wiring
- Dust buildup (especially conductive dust)





WHY THE AMEREX HT SERIES IS THE BEST CHOICE

The Amerex HT Series is engineered specifically for environments like data centers. Here’s why it leads the pack:

- **Halotron BrX agent:** Offers superior fire knockdown power with minimal environmental impact.
- **No damage to electronics:** Non-corrosive and non-conductive, it protects sensitive equipment without downtime.
- **Meets strict environmental standards:** Low Global Warming Potential and near-zero Ozone Depletion Potential.
- **Durable design:** Steel cylinder, high-gloss polyester powder paint, and all-metal valve construction ensure reliability.
- **Versatile applications:** From server rooms to control centers, the HT Series is trusted across industries.

Whether you’re safeguarding a data center or a clean room, the Amerex HT Series delivers unmatched performance and peace of mind.

INTEGRATION AND COMPLIANCE IN FIRE SAFETY STRATEGY

Beyond performance and environmental benefits, clean agent extinguishers like the Amerex HT Series also support compliance with industry standards and integration into broader fire protection systems. Many data centers operate under strict regulations such as NFPA 2001, which emphasize both safety and continuity. The HT Series can be seamlessly incorporated into existing fire protection plans, including pre-action sprinkler systems and gas-based total flooding systems. Its portability and ease of use make it an essential frontline defense, complementing automated systems and it ensures rapid response in critical moments. Investing in the HT Series isn’t just smart—it’s strategic.

FIRE SAFETY MEETS SUSTAINABILITY

In a world increasingly focused on environmental responsibility, clean agent extinguishers like those in the HT Series offer a powerful solution that doesn’t compromise the planet. By choosing Amerex, you’re not just protecting your infrastructure—you’re investing in a safer, cleaner future.

