

**ECARO 25<sup>®</sup>**

with Impulse Technology

ADVANCED TECHNOLOGY

THAT DELIVERS SUPERIOR

PERFORMANCE WITH

LESS CLEAN AGENT





Imagine your company's valuable data, equipment and systems lost to fire. How many enterprises, businesses and customers would be negatively impacted if your equipment or network were to go down? And how quickly could you get back on line ... if at all? Even one day lost to fire-related downtime can mean lost revenues, customers and profits.

You know you should protect against fire.

But, basic water type fire suppression systems (sprinklers) can cause even more damage than the fire itself.

Gaseous clean agent fire suppression systems have long been the answer to protecting high-end equipment, electronics and irreplaceable items from fire and the damaging effects of water.



## ECARO 25<sup>®</sup>

with Impulse Technology

The Superior Design Features and Exceptional Performance of Fike's ECARO-25 Clean Agent Fire Suppression System Help You:

- Save lives
- Save money on clean agent
- Save money on piping
- Save floor space
- Minimize business interruption due to fire
- Protect high-value equipment, assets and irreplaceables from damage
- Minimize downtime after fire
- Prevent residue and clean-up after fire



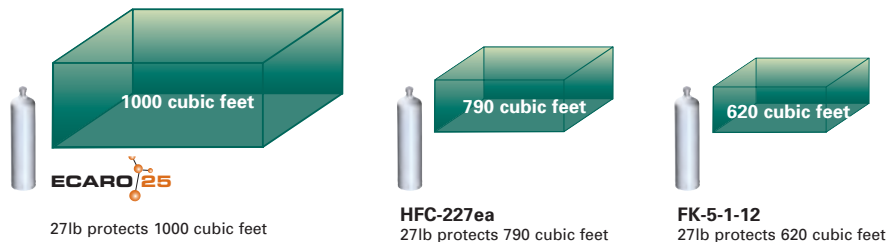


*ECARO-25 features the unique fire extinguishing agent FE-25™ by DuPont™, which absorbs heat energy at its molecular level faster than the heat can be generated, so the fire cannot sustain itself. FE-25 also forms free radicals to chemically interfere with the chain reaction of the combustion process.*

## ECARO-25 SUPERIOR CLEAN AGENT FIRE SUPPRESSION

Simply said, **ECARO-25** is the best way to suppress fires and protect your high-value assets and business continuity.

All clean agents must remain in the protected space for a specified period of time in order to extinguish a fire. Thanks to the unique physical properties of our clean agent, **ECARO-25** is 15% more efficient in hold time than an HFC-227ea system, and 25% more efficient than a FK-5-1-12 system. You need less agent to protect the same room with **ECARO-25**.

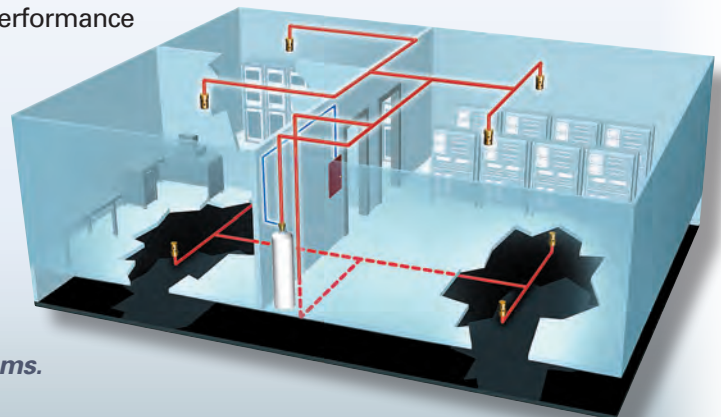


In addition, **ECARO-25** requires 20% less agent per cubic foot / meter than HFC-227ea systems and 38% less clean agent per cubic foot / meter than FK-5-1-12. The superior properties of our unique system allow you to utilize small diameter piping over long distances, making it easier and less expensive to design your clean agent pipe network. With **ECARO-25**, you spend less money on the agent, piping and installation ... making it the most cost-effective clean agent fire suppression system available today.

## THE EASIEST REPLACEMENT FOR HALON 1301

Due to the physical properties of FE-25 and the superior performance of the Impulse Valve Technology, **ECARO-25** can often work with your existing Halon pipe network. With **ECARO-25**, you can easily transform your old Halon 1301 fire suppression system into an effective, environmentally-sound clean agent system, with minimal system modifications.

*ECARO-25 is the easiest and most cost effective replacement for existing Halon 1301 fire protection systems.*



# IMPULSE VALVE TECHNOLOGY

A clean agent fire suppression valve controls the pressure within the container and the efficiency with which the system discharges. The Fike Impulse Valve greatly improves the performance of clean agent fire suppression systems over mechanical valve systems by combining the reliability and efficiency of a rupture disc and the flexibility of electric actuation.

Technology combines the highest standards for performance with simplified operation and maintenance.

- Easier/less expensive to ship
- Capability to manually activate
- Replacement is easy and less expensive
- Resettable actuation device
- Easier filling
- Easy field testing capability
- Simplified service
- UL Listed and FM Approved



The simplicity of the valve means fewer parts to maintain and greater reliability. As a result of Fike's advanced rupture disc technology, there is less pressure loss. That efficiency translates into a fire protection system with longer pipe run capability and flexible installation options.

The Impulse Valve can be configured to operate in multiple ways – electric, pneumatic or a combination of both. The Impulse Valve is capable of firing up to 6 cylinders on a single releasing circuit – making systems with this advanced actuation more cost-effective to design and install.

## VERSATILE, EFFICIENT, COST-EFFECTIVE ... IMPULSE



### TECHNOLOGICAL ADVANTAGES

*Impulse Technology features Fike's exclusive AXIUS® rupture disc. The AXIUS is the most advanced rupture disc available, surpassing all others in its class. Designed and manufactured using Fike's G2 proprietary technology, the AXIUS is a reverse-acting disc with the highest in rupture disc reliability.*



## *ECARO-25 DELIVERS THE BEST FOR LESS*

You don't have to spend a fortune to enjoy the exceptional benefits of a superior Clean Agent System. **ECARO-25** protects your people, your assets, your business continuity... and your bottom line.

- Zero ozone depleting potential (ODP)
- Electrically non-conductive
- Leaves no residue
- No overpressurization concerns
- Environmentally safe
- Colorless and odorless
- For use in occupied and unoccupied spaces

## *ECARO-25 PROVIDES OPTIMUM FIRE AND DAMAGE PROTECTION FOR THE FOLLOWING CRITICAL ASSETS:*

### **Mission Critical Facilities**

- IT systems / software
- Telecommunication centers
- IT modular facilities

### **Healthcare Industry**

- Clinical equipment
- Operating rooms
- Testing / imaging equipment

### **Industrial/Manufacturing**

- Chemical laboratories
- Clean rooms
- Compressor / pumping stations
- Control rooms
- Flammable liquid storage
- Generator rooms
- Hazardous manufacturing
- Offshore drilling rigs
- Oil collection stations
- Paint mixing rooms
- Printing plants
- Robotic equipment
- Textile manufacturing

### **Irreplaceables**

- Art / artifacts / historical collections
- Records and data archives
- Reference material

### **Professional Services Firms**

- Computer rooms
- Electric utility facilities
- Media storage
- Power supply facilities
- Switchgears
- Transformer vaults

### **Transportation**

- Airport field lighting controls
- Flight simulators
- Marine vessels
- Military vehicles
- Traffic control

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# WE'RE PROUD OF OUR RESUME

**EXPERIENCED:** We've worked in the fire protection business since 1960.

**FOCUSED:** We specialize in Life Safety Products, as well as Facility and Asset Protection Products.

**VERSATILE:** We design, manufacture, distribute and maintain our products.

**GLOBAL:** We have clients, manufacturing facilities, sales outlets and maintenance companies around the world.

**INNOVATIVE:** In 1994, we became the first manufacturer to bring a UL Listed and FM Approved, clean agent fire suppression system to market, replacing Halon.

**EARTH-FRIENDLY:** We pioneered the development of clean agent systems and we continue to develop other environmentally safe alternatives such as our superior inert gas system.

**COMPREHENSIVE:** Fike has a worldwide network of experienced distributors each with a staff of factory trained technicians to meet your installation and service requirements.



WWW.FIKE.COM



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