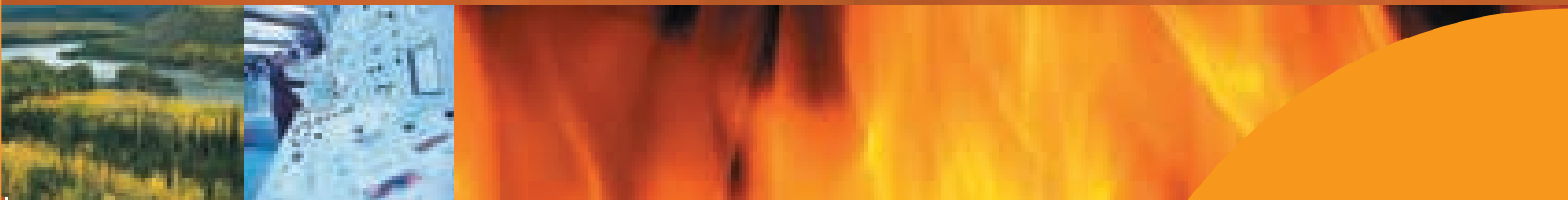


FIKE **PROINERT**™

INERT GAS FIRE PROTECTION SYSTEM

WHICH **INERT** GAS  
SYSTEM IS SO **SAFE**  
IT EVEN PROTECTS  
**YOUR BUDGET?**



# INTRODUCING **PROINERT™** FROM FIKE®

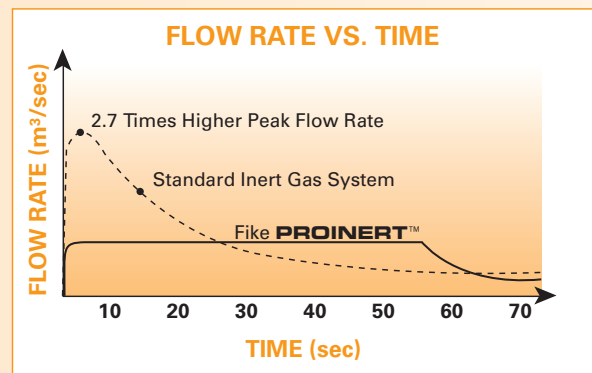
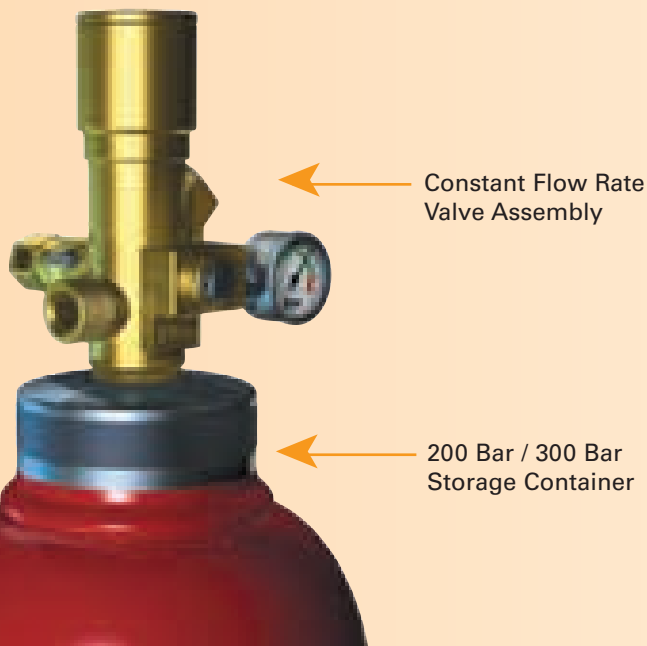
## The Safest, Most Cost-Effective Inert Gas System.

Chances are, you already know the advantages of a natural, inert gas system. It's the safe, natural way to extinguish a fire. But did you know Fike has developed a superior new alternative? It's called **PROINERT™**. **PROINERT** offers all the benefits of previous inert gas systems with several significant design improvements. You'll find our new solution is safer and more economical than any other system on the market.

## Constant Flow Rate = Constant Savings + Constant Safety

Most inert gas systems discharge from the containers at high pressure, then use pressure reducers further down the pipe network. This system layout requires both high-pressure and low-pressure piping to handle the extinguishant as it travels to the discharge nozzle.

**PROINERT** is different. Our superior valve outlet automatically reduces the pressure of the extinguishant at discharge. We provide an ideal discharge pressure and maintain a constant flow rate throughout the system. That means you can forget about expensive high-pressure piping. With **PROINERT**, you can use small-diameter, low-pressure piping from the container all the way to the nozzle, lowering your system costs.



## Lower Pressure = Lower Costs + Lower Risk

Most inert gas systems discharge from the nozzle into the protected space with a high surge flow rate, creating a potentially hazardous pressure peak. To protect your employees and your facility's infrastructure, you have to install a larger venting area.

**PROINERT** is better. It enters the protected room at a constant flow rate preventing destructive turbulence from occurring. It's not only safer for your staff and facility; it also saves you money. You can reduce your installation costs and save up to 60% on venting hardware.

## No Excess Extinguishant = No Excess Expense + No Excess Risk

According to industry regulations, 95% of the required inert agent must discharge within 60 seconds after activation. To achieve that discharge rate, our competitors require either 10% more extinguishant than you actually need to protect your space or increase the already high surge flow rate.

Not so with **PROINERT**. Our unique design allows the required inert agent to discharge within 60 seconds. So you pay only for the amount of extinguishant you need.

## Maximum Protection, Minimum Storage.

**PROINERT's** 300 bar containers allow you to protect single- or multiple-hazard areas using minimal floor space. As an alternative, **PROINERT** is also offered in 200 bar storage containers.

## WHY CHOOSE **PROINERT** FROM **FIKE**?

### 1. COST SAVINGS

- ONLY SMALL-DIAMETER, LOW PRESSURE PIPING IS NECESSARY
- NO EXCESS EXTINGUISHANT REQUIRED – PAY ONLY FOR WHAT YOU NEED
- MINIMAL VENTING HARDWARE & ASSOCIATED INSTALLATION EXPENSES

### 2. MINIMAL FLOOR SPACE FOR STORAGE

### 3. 60% LESS VENTING AREA REQUIRED

### 4. LONG-DISTANCE DELIVERY

### 5. SAFE DISCHARGE AT A CONSTANT PRESSURE

### 6. SUPERIOR EXTINGUISHANT HOLD TIME

### 7. AFTER FIRE: NO RESIDUE & MINIMAL DOWNTIME FOR CLEAN-UP



# PROINERT: PROTECTION WITH NO BOUNDARIES.



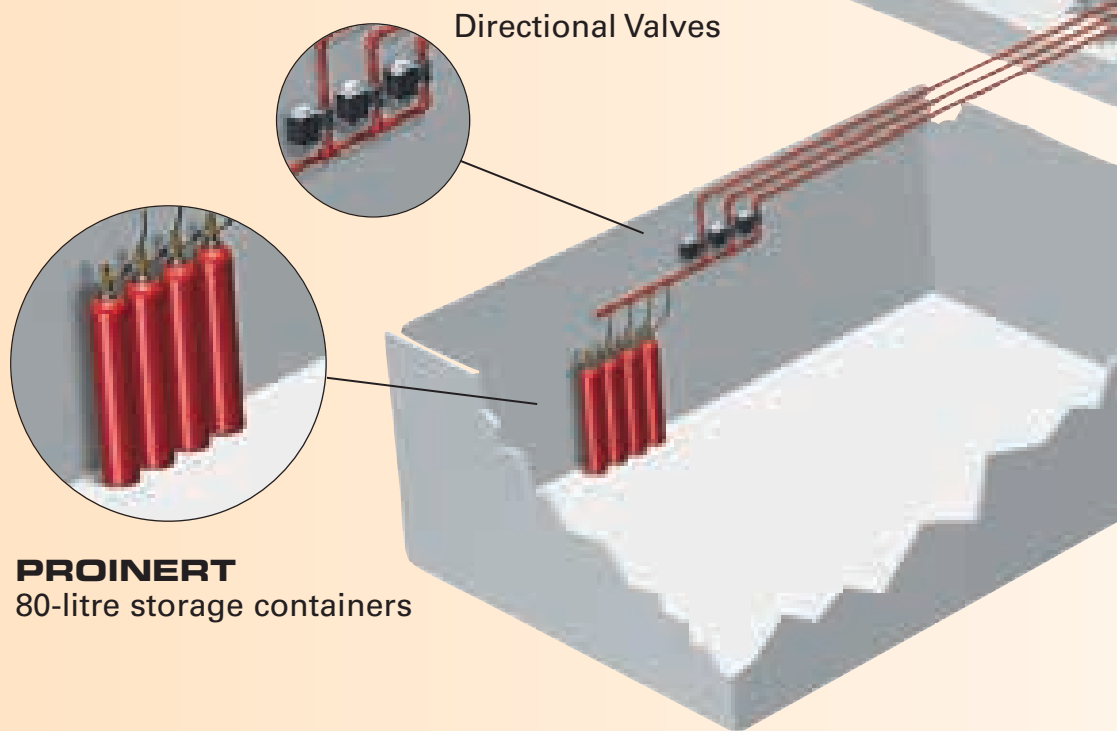
## FROM ART TO INDUSTRY

**PROINERT** is the ideal fire protection solution for a wide variety of industries and applications. For more information about how we can protect your business with **PROINERT**, please contact Fike today.

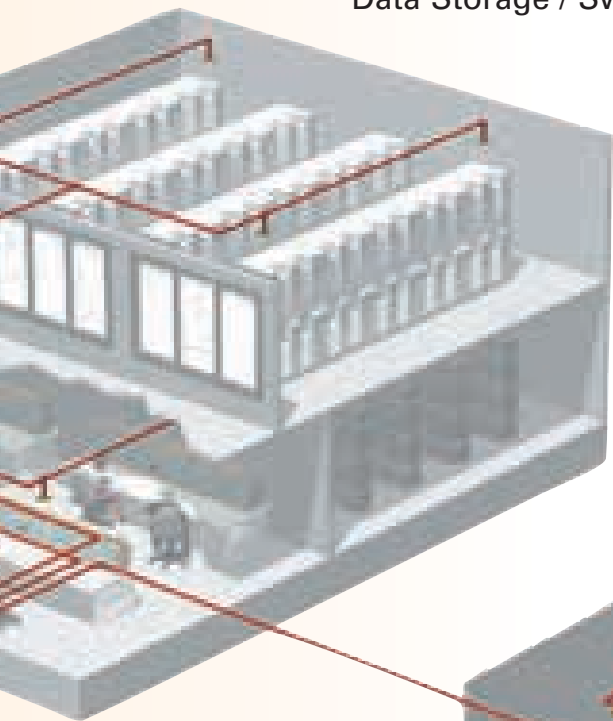
Art Galleries  
Museums  
Archive Storage  
Computer/Operation Rooms  
Control Rooms  
Financial Centers and Banks  
Electronics and Data Processing  
Insurance Industry  
Military Installations  
Pharmaceutical/Medical  
Process Industry Control Rooms  
Rare Book Libraries  
Record Storage Facilities  
Substation Control Rooms  
Switch Rooms  
Telecom Centers  
Universities and Colleges

## FROM HERE TO THERE

Fike's **PROINERT** system is designed for superior long-distance delivery. Our large 300 bar storage containers and directional valves enable you to protect several rooms with one bank of containers stored far from the protected areas. (200 bar storage containers are also available.) Think of the cost savings! You no longer need to purchase, install and maintain several individual protection systems for your multi-risk facility. One **PROINERT** system does it all.

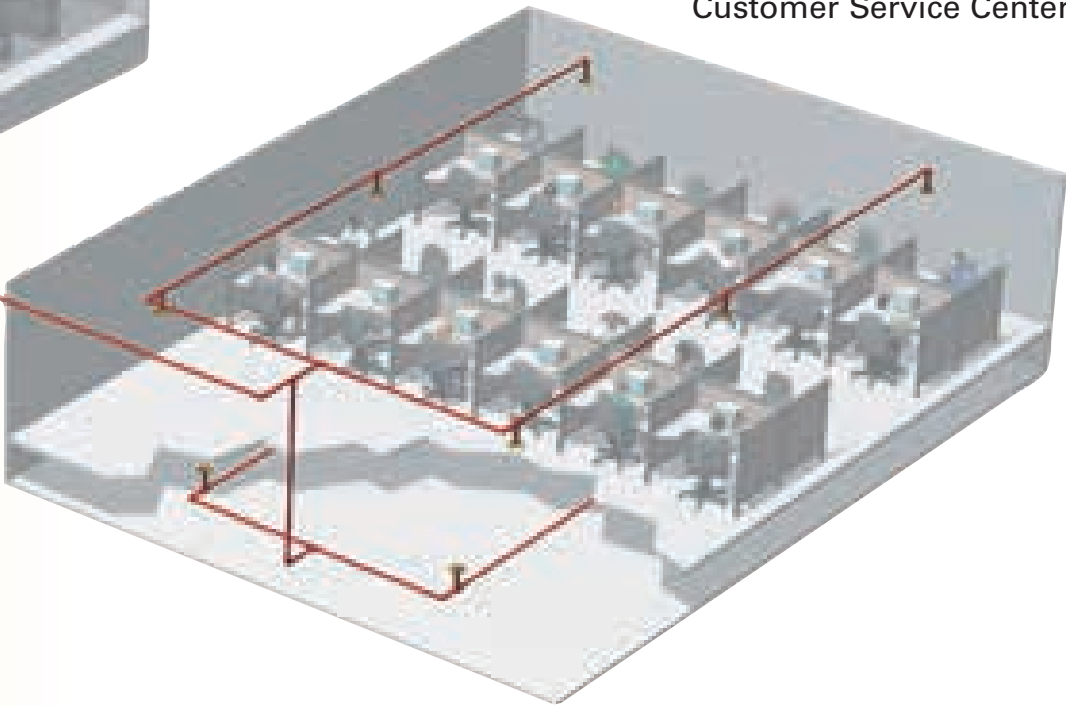


Data Storage / Switch Room



Control Center

Customer Service Center



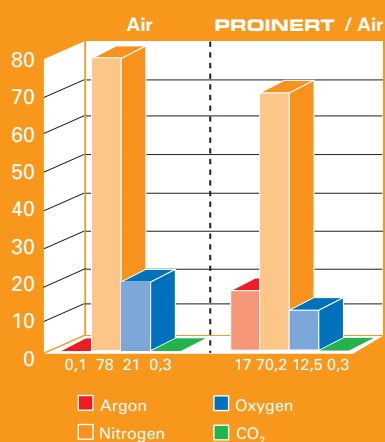
Storage Room



# PROINERT: MOTHER NATURE APPROVED.



EXTINGUISH A  
FIRE NATURALLY  
WITH **PROINERT**.



**PROINERT** extinguishes a fire by reducing the oxygen concentration to approximately 12.5%. This reduced oxygen level will not sustain a combustion reaction but it is acceptable for human exposure over a short period of time.

At Fike, we analyzed a wide variety of inert gas options before selecting the blend IG-55 found in our new **PROINERT** system: 50% Argon and 50% Nitrogen.

Here are the benefits of our all-natural extinguishant:

- **Zero Ozone Depletion Potential (ODP)** We simply borrow Argon and Nitrogen from nature. When released, they automatically return to their natural place in the environment.
- **Zero Global Warming Potential (GWP)** Argon and Nitrogen have no atmospheric lifetime, so they pose no risk to the environment.
- **Similar To Air Density.** At discharge, the **PROINERT** gas mixture possesses a density similar to air. You can count on:
  - Exceptional Extinguishant Hold Time
  - Minimal Room Sealing Required
  - Improved Penetration from Top to Bottom of the Protected Room
- **Easy, Economical Refill and Real-Life Testing.** Because Argon and Nitrogen occur naturally in the environment, our extinguishant is readily available and affordable. With **PROINERT**, real-life Discharge Testing is feasible.
- **No Secondary Combustion Products.** Argon and Nitrogen do not decompose into toxic or corrosive elements in a fire making it a safe choice for people and assets.
- **No Fogging.** **PROINERT** is ideal for occupied spaces because escape routes remain visible.
- **No Residue.** That means no damage to your equipment and no clean up required.





## WE'RE PROUD OF OUR RÉSUMÉ

**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.

**Comprehensive:** We offer a complete line of fire protection technologies including clean agents, watermist, CO<sub>2</sub>, plus the corresponding detection and control systems.

**Versatile:** We design, manufacture, distribute and maintain our entire product line.

**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. Today we're introducing the safest and most economical inert gas system on the market - **PROINERT**.

**Earth-Friendly:** We pioneered the development of clean agent systems and we continue to explore environmentally safe alternatives such as inert gas.





**PROINERT**  
GLOBALLY APPROVED  
AND RECOGNIZED

**WHICH INERT GAS SYSTEM IS SO SAFE  
IT EVEN PROTECTS YOUR BUDGET?**



- LPCB \*
- VDS \*
- Included in ISO 14520
- Included in EN 14520
- Included in NFPA 2001
- US EPA SNAP listed
- HAG listed
- TPED compliant

\*pending

Contact Fike for more information about our other product offerings:

#### Commercial Protection Systems

- Special Hazard Fire Protection Systems;

**PROINERT, ECARO-25™**  
and HFC-227ea

- Detection and Control Systems:  
Cheetah®, Shark®, Rhino and SHP

#### Pressure Relief Products

#### Oil Field Products

#### Industrial Protection Systems

- Fire Protection Systems:  
MicroMist®, CO<sub>2</sub>
- Explosion Protection Systems:  
Venting, Suppression, Isolation  
and Testing

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