INERT GAS FIRE PROTECTION SYSTEM

PROINERT®

THE INERT GAS SYSTEM SO SAFE IT EVEN PROTECTS YOUR BUDGET.

Fike®

PROINERT

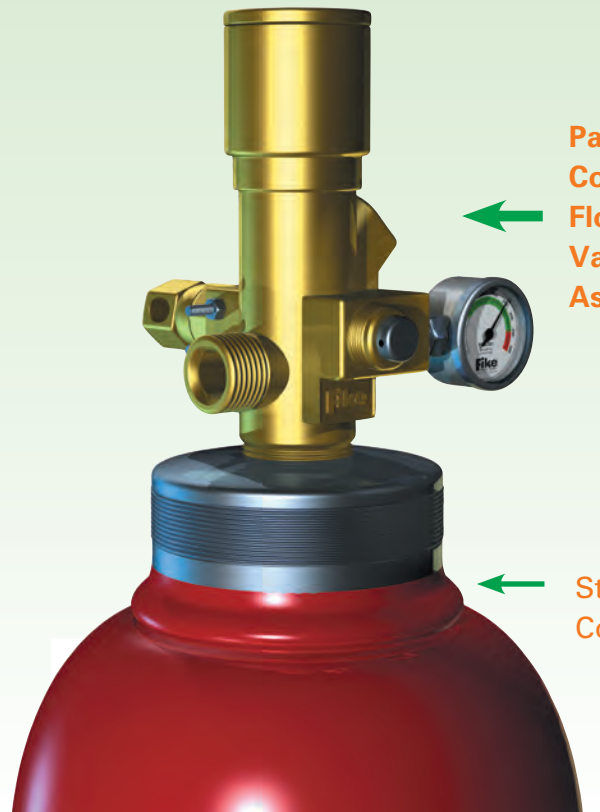
The Most Cost-Effective Inert Gas System.

Inert gas systems are the safe, natural way to extinguish a fire. We've taken the solution to the next level. Fike's **PROINERT** offers all the benefits of other inert gas systems with several significant design improvements. You'll find the **PROINERT** solution is safer and more economical than any other system on the market.

Constant Flow Rate = Constant Savings + Constant Safety

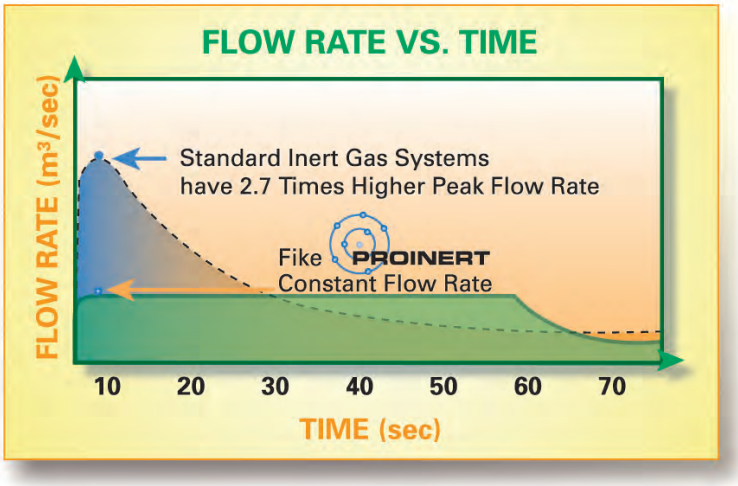
Most inert gas systems discharge from the containers at high pressure, then use pressure reducers further down the pipe network. This system layout requires both high-pressure and low-pressure piping to handle the extinguishant as it travels to the discharge nozzle.

PROINERT is different. Our superior cylinder valve 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. Consequently, a large venting area must be installed, to protect the integrity of the protected space and your employees. In addition, industry regulations state that 95% of the required inert agent must discharge within 60 seconds after activation. To achieve that discharge rate, our competitors' inert systems must increase the already high surge flow rate, further increasing the risk of damage.



No Excess Extinguishant = No Excess Expense + No Excess Risk

PROINERT is better. Because of our unique, patented valve assembly, the Prolnert agent enters the protected room within the required 60 seconds at a **steady flow rate**, preventing destructive turbulence from occurring. Therefore, only the amount of extinguishant you really need is discharged, and the necessary venting area is much smaller — you can **reduce your installation costs by as much as 60%** on venting hardware!

Prolnert is not only safer for your staff and facility, it also saves you money!

At Fike, we analyzed a wide variety of inert gas options before selecting IG-55 (blend of Argon & Nitrogen) found in our **PROINERT** system.

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.

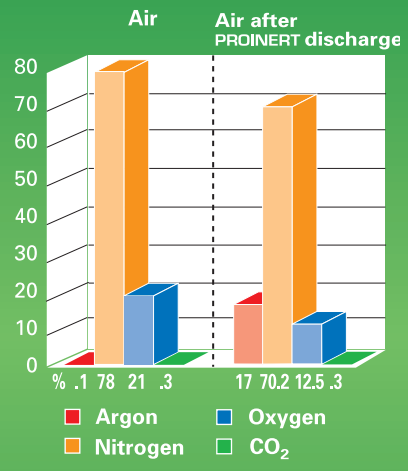
- **No Secondary Combustion Products** Argon and Nitrogen do not decompose into toxic or corrosive elements in a fire, making it a safe choice for people and assets.

- **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.

PROINERT IS A USGBC LEED® RECOGNIZED PRODUCT.

EXTINGUISH A FIRE NATURALLY WITH **PROINERT**.



Reduced oxygen levels will not sustain a combustion reaction, but are acceptable for human exposure over a short period of time. **PROINERT** extinguishes a fire by reducing the oxygen concentration.

Fike®

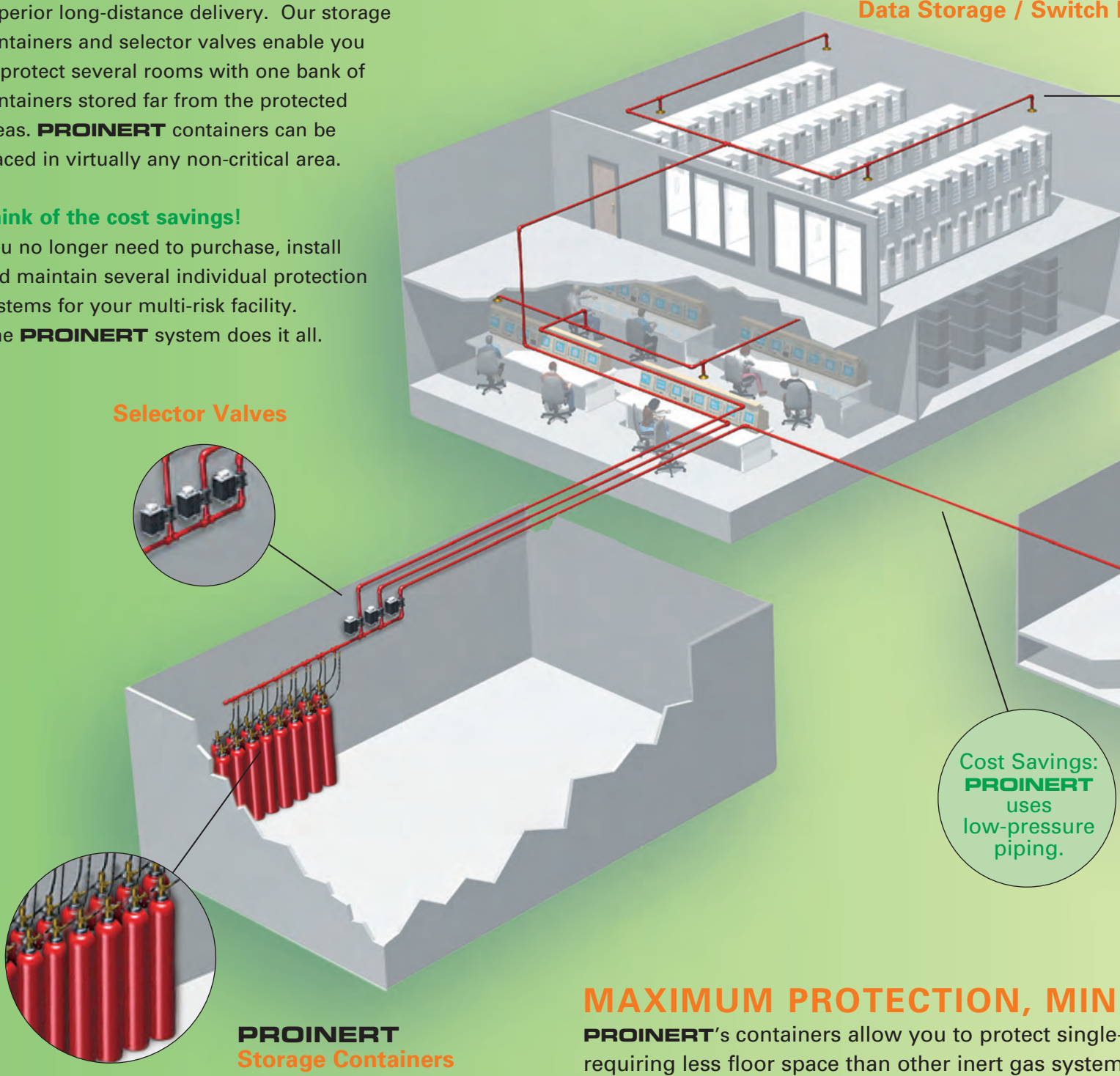
PROINERT

PROTECTION WITH NO BOUNDARIES

FROM HERE TO THERE

Fike's **PROINERT** system is designed for superior long-distance delivery. Our storage containers and selector valves enable you to protect several rooms with one bank of containers stored far from the protected areas. **PROINERT** containers can be placed in virtually any non-critical area.

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.



MAXIMUM PROTECTION, MIN

PROINERT's containers allow you to protect single-
requiring less floor space than other inert gas system

GLOBALLY APPROVED AND RECOGNIZED

- UL
- FM
- LPCB
- Included in ISO 14520
- Included in EN 14520
- Included in NFPA 2001
- US EPA SNAP listed
- HAG listed
- TPED compliant
- DOT compliant

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

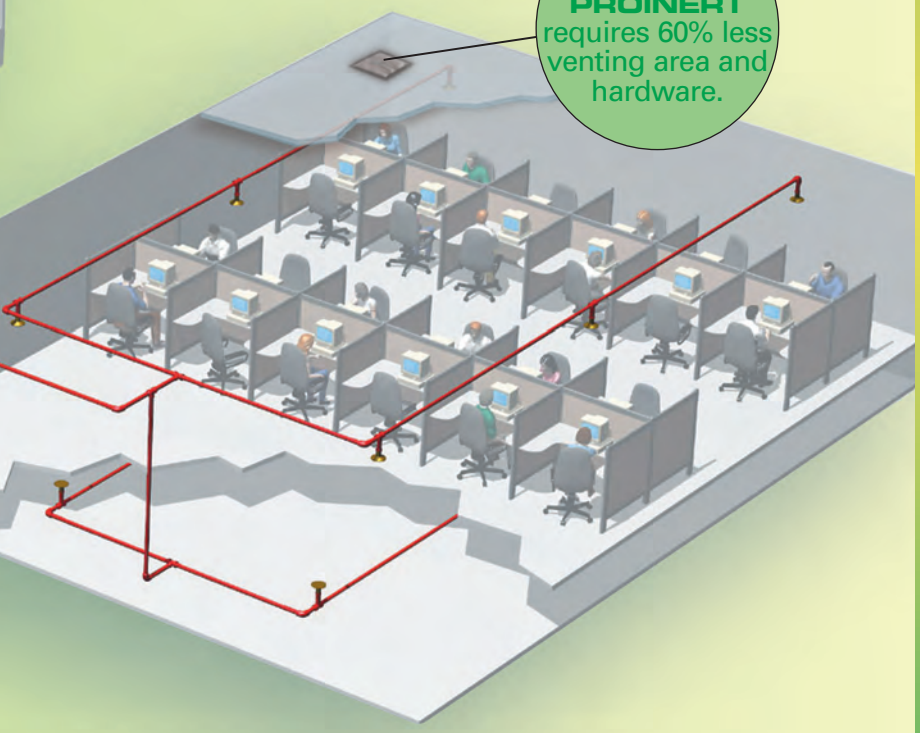
Room

Cost Savings: Typically **PROINERT** requires fewer nozzles.

Customer Service Center with Subfloor Piping

Control Center

Cost Savings: **PROINERT** requires 60% less venting area and hardware.



IMUM STORAGE

- or multiple-hazard areas typically
ns.

Fike®

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 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. We also have 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.

COMPREHENSIVE: We offer a complete line of fire protection technologies including clean agents, watermist, CO_2, plus the corresponding detection and control systems.

Fike®

WWW.FIKE.COM

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THE INERT GAS SYSTEM SO SAFE IT EVEN PROTECTS YOUR BUDGET.

PROINERT®

Printed on 25% post consumer fiber / 50% total recycled content with soy based inks.

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