



THE MOST **VERSATILE**

AND **COST-EFFECTIVE**

INERT GAS SYSTEM



Fike[®]

PROINERT... The Most VERSATILE and COST-EFFECTIVE Inert Gas System

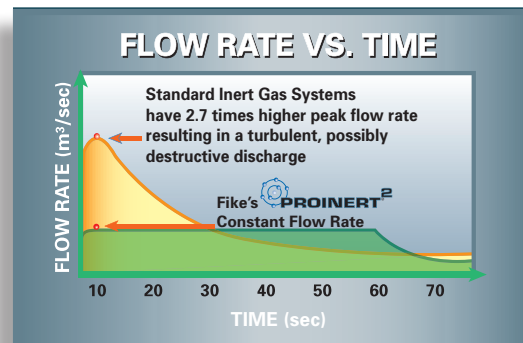
Inert gas systems are the safe, natural way to extinguish a fire. Fike's PROINERT offers all the benefits of other inert gas systems, but with design improvements that make PROINERT a safer and more economical solution. And now PROINERT² takes that to a whole new level ... Now available in 300 bar, PROINERT² offers improved valve actuation and increased design options... all at a reduced cost!

PROINERT... How it Works

Most inert gas systems discharge from the containers at high pressure, using pressure reducers further down the pipe network requiring the use of expensive, high-pressure piping through much of the system.

CONSTANT FLOW RATE = CONSTANT SAVINGS and CONSTANT SAFETY

PROINERT² 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.



With PROINERT², you can use small-diameter, low-pressure piping from the container to the nozzle – lowering your system costs.

LOWER PRESSURE = LOWER COSTS and LOWER RISK

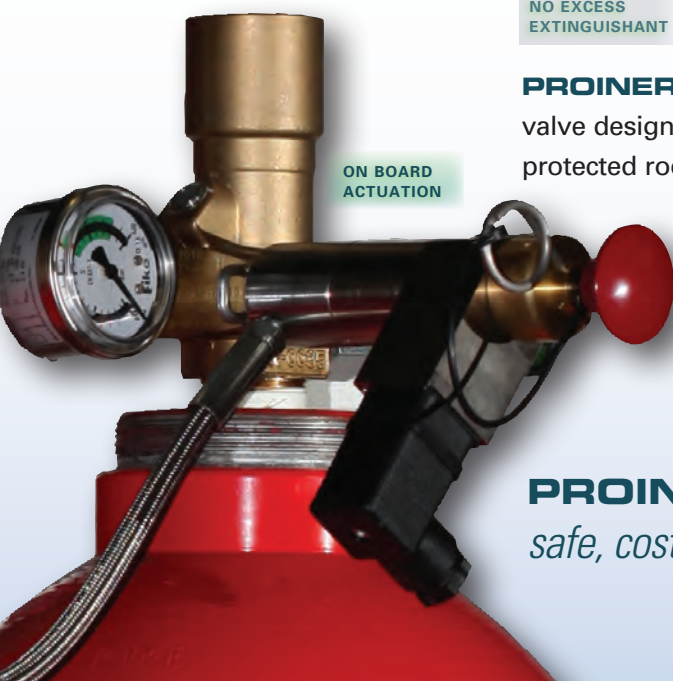
In addition, industry regulations state that 95% of the required inert agent must discharge within 60 seconds after activation. To achieve that discharge rate, our competitors' inert systems must increase their already high surge flow rate, increasing the risk of damage. Consequently, a large venting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



NO EXCESS EXTINGUISHANT = NO EXCESS EXPENSE and EXCESS RISK

PROINERT² is better... Because of our unique, patented valve design assembly, the **PROINERT²** 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 — reducing your installation costs by as much as 60% on venting hardware!

PROINERT²...
safe, cost-effective inert gas fire suppression



ON BOARD
ACTUATION



The Best is Even Better

Expanding on the sophisticated **PROINERT** technology, **PROINERT²** steps to the forefront in fire protection solutions. It's not just about providing a natural, efficient way to protect valuable assets. Now there are more design choices and greater reliability in a cost-effective alternative: **PROINERT²**.



PROINERT²
200 bar vs. 300 bar

- **Less** equipment/cylinders
- **Smaller** system footprint
- **High** cylinder pressure
- **Same** low manifold & piping pressure as 200 bar
- **No change** in constant rate discharge
- **No change** in room pressure venting requirements

300 Bar – Save Money and Valuable Space

PROINERT systems, previously available in 150 and 200 bar cylinders, are now available with **300 bar technology**. That means more inert gas is in each **PROINERT²** cylinder, reducing the number of cylinders and accessory equipment necessary. In addition to a sizable reduction in system cost, fewer cylinders translates into an inert gas solution that takes up less valuable space. And all of these benefits are available with no change in the already safe, efficient constant system flow rate which allows for smaller-diameter, lower-pressure, less expensive piping.

New Universal Valve Operator (UVO) - Improved Actuation

Fike's new UVO uses the agent's pressure to activate the system, eliminating the need for nitrogen cartridge actuation. The UVO provides for a simplified, more efficient system that requires less pneumatic actuators, hoses and fittings. Fewer parts translates into a more reliable system at a fraction of the cost.



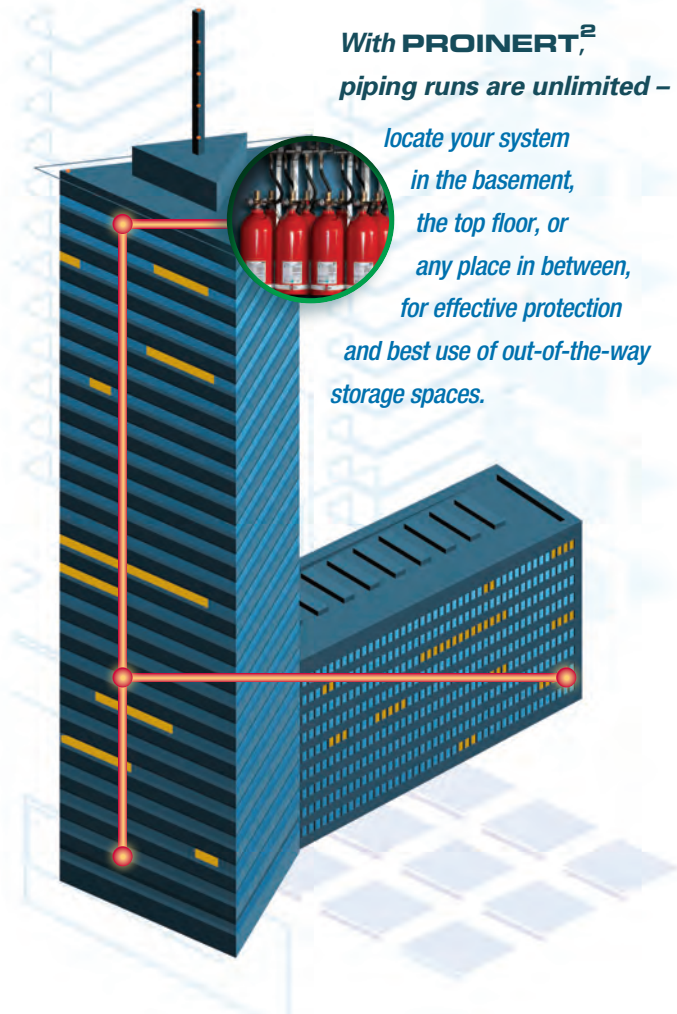
BONUS: Larger systems can also be expanded easily and less expensively with Fike's new pneumatic relay.

Expanded Nozzle Options – Improved Coverage

PROINERT² now offers new nozzles and expand sizes for increased engineering design options. In addition to Fike's standard 360° nozzle now available in multiple sizes, **PROINERT²** has a 180° nozzle which allows for placement closer to walls and other obstacles. More choices mean greater design flexibility and area coverage.

Unlimited Elevated Pipe Runs

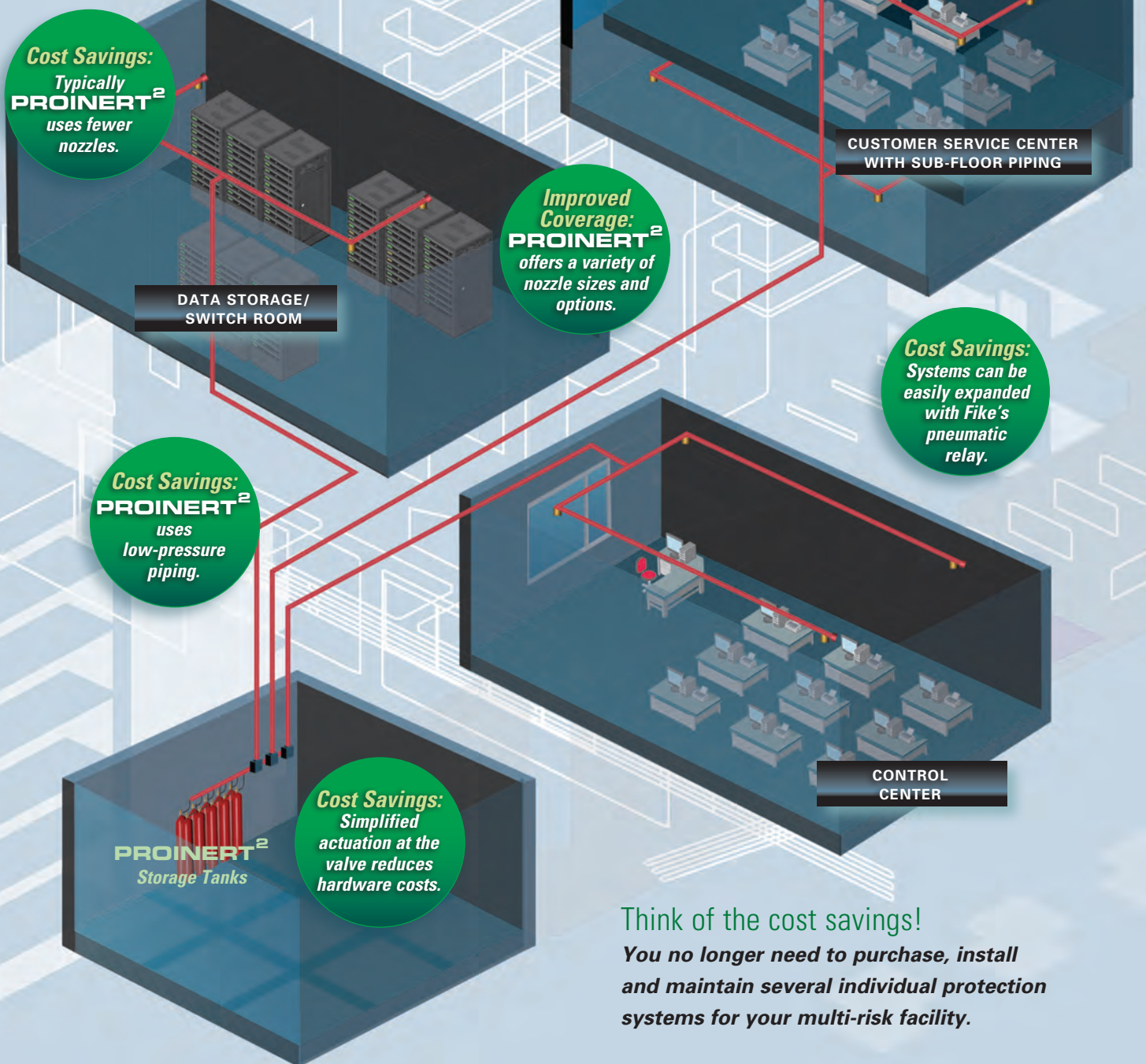
There is no longer a limit to how high pipes can effectively be run from an inert gas system to the protected area... or even multiple protected areas.



Protection with NO boundaries from HERE to THERE

Fike's **PROINERT²** 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. **PROINERT²** containers can be placed in virtually any non-critical area.

One **PROINERT²** system does it all.



Think of the cost savings!

**You no longer need to purchase, install
and maintain several individual protection
systems for your multi-risk facility.**

Mother Nature Approved

An inert gas extinguishing system is designed to reduce the oxygen concentration inside the protected hazard until it reaches a level where combustion is no longer supported. **PROINERT²** uses IG-55, a blend of environmentally inert, all natural Argon & Nitrogen gases.

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.

Similar To Air Density:

- 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, the **PROINERT²** extinguishant is readily available and affordable. With **PROINERT²**, real-life discharge testing is feasible.*

ZERO Global Warming Potential (GWP):



Argon and Nitrogen have no atmospheric lifetime and pose no risk to the environment.

No Secondary Combustion Products:

Argon and Nitrogen do not decompose into toxic or corrosive non-conductive elements in a fire, making this a safe choice for people, electronics and assets.

No Residue:

That means no damage to your equipment and no clean-up required.

No Fogging:
PROINERT² is ideal for occupied spaces because escape routes remain visible.



From art to industry **PROINERT²** is the ideal fire protection solution for a wide variety of industries and applications.



Art Galleries

Archive Storage

Computer/Operation Rooms

Control Rooms

Financial Centers and Banks

Electronics and Data Processing

Insurance Industry

Libraries

Military Installations

Museums

Pharmaceutical/Medical

Process Industry Control Rooms

Record Storage Facilities

Substation Control Rooms

Switch Rooms

Telecom Centers

Universities and Colleges

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 – **PROINERT²**.

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, CO₂, plus the corresponding detection and control systems.



FIKE GLOBAL MANUFACTURING, SALES AND SERVICE

AMERICAS

FIKE CORPORATION
Blue Springs, MO, USA
Tel: +1-816-229-3405
Email: facilitiesprotection@fike.com

FIKE LATINA LTDA (MERCOSUR)
Jundiai, Brazil
Tel: +55-11-4525-5900
Email: vendas@fike.com.br

**CARIBBEAN, CENTRAL,
SOUTH AMERICA**
Houston, TX, USA
Tel: +1-281-895-0756
Email: ccsasales@fike.com

EUROPE

FIKE PROTECTION SYSTEMS, LTD.
Guildford, Surrey
United Kingdom
Tel: +44-01-483-457-584
Email: sales.uk@fike.com

ASIA

FIKE ASIA PACIFIC SDN BHD
Selangor Darul Ehsan, Malaysia
Tel: +60-3-7859-1462
Email: fikeap@fike.com

MIDDLE EAST

FIKE CORPORATION DUBAI
Dubai, UAE
Tel: +971 4 (0) 3866455
Email: fike.dubai@fike.com

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E-mail: facilitiesprotection@fike.com

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