Johnson Controls

HYGOOD

Inert Gas System 300

Designed for safety.
Engineered for simplicity.

The all-new HYGOOD Inert Gas System 300 (IGS-300) is a complete solution for compliant, quality and flexible fire suppression for a wide range of buildings with valuable assets.

Combined with enhanced regulated flow technology and simplified actuation, IGS-300 uses clean agents INERGEN® or IG-55 to effectively help extinguish fires with reduced discharge turbulence, helping avoid the risk of damage to sensitive equipment or materials.

Enhanced regulated flow technology

By delivering enhanced regulated flow technology from a centralized bank of 300 bar, 80- or 140-liter agent containers, the HYGOOD IGS-300 operates at nominal 60 bar, reducing pressure spikes. This feature is designed to provide reliable performance while mitigating the risks associated with sudden pressure fluctuations, leading to several benefits:

- Optimized pipe scheduling
- Reduced overpressure vent size requirements
- Reduced footprint compared to 150 and 200 bar systems
- Reduced discharge turbulence

Elevated design freedom

The HYGOOD IGS-300 allows architects and engineers to create custom layouts with up to four rows of containers, enabling efficient space utilization. Extended pipe runs also contribute to the systems flexibility, enabling the protection of larger volumes from a centralized storage location, simplifying the design process and streamlining installation.

For added convenience, the HYGOOD IGS-300 offers personalized design support through technical experts and improved flow calculation software, helping you align the system with specific project requirements.

Global recognition

- UL Listed
- FM Approved
- VdS Approved
- EN 12094 Compliant (CE & UKCA)
- Can be designed in accordance with NFPA 2001, EN 15004 & ISO 14520

Sound attenuation

The HYGOOD IGS-300 integrates acoustic nozzles that are crucial for maintaining a sound-sensitive environment. These innovative components help safeguard sensitive equipment such as Hard Disk Drives (HDDs). In the event of discharge, they attenuate sound compared to non-regulated options.

Cost-effective package

With lower pipe scheduling, smaller pipe diameters, and reduced over-pressure vent size requirements, the system helps drive not only reduced equipment materials and labor costs but also quicker installation, commissioning and service.

Reduced system complexity

The HYGOOD IGS-300 introduces a simplified system through user-friendly actuation options. The system offers a UL listed/FM approved electrical actuator with an integrated placement switch (non-VdS), providing a straightforward and efficient actuation mechanism.

With the master-subordinate container actuation feature, users can operate up to 85 containers, streamlining control and management without the need for a pilot container. Additionally, the inclusion of three- and 13-liter pilot actuation containers (utilizing the same actuation options as agent containers), offers flexibility in the configuration of systems.

Streamlined container assembly

Prioritizing simplicity without compromising effectiveness, the container assembly features:

- High-pressure container utilizing a pressure differential valve
- Removable pressure gauge is UL Listed, FM Approved, or CE/UKCA Certified
- Standardized transportation cap without neck ring

Global distribution and regional recharging

The HYGOOD IGS-300 is accessible through authorized distributors in countries across the globe, facilitating easy procurement. Recharging is available at Johnson Controls authorized regional locations for convenient maintenance.

Rely on the HYGOOD IGS-300 for multiple applications, including:

- Data centers
- Control rooms
- Computer rooms
- Telecommunication sites
- Electrical switch rooms
- Laboratories
- Medical equipment
- Financial institutions
- Museums and art galleries
- Cultural and historic sites
- Archives and libraries
- Petrochemical, oil and gas (POG) facilities
- Air traffic control towers
- Mining and motor control centers
- E-Houses

For more information about the ANSUL Inert Gas Systems 300, visit **firesuppression.johnsoncontrols.com/HYGOOD-IGS-300** or contact your Johnson Controls representative.

About Johnson Controls:

At Johnson Controls, we transform the environments where people live, work, learn and play. As the global leader in smart, healthy and sustainable buildings, our mission is to reimagine the performance of buildings to serve people, places and the planet.

Building on a proud history of nearly 140 years of innovation, we deliver the blueprint of the future for industries such as healthcare, schools, data centres, airports, stadiums, manufacturing and beyond through OpenBlue, our comprehensive digital offering.

Today, with a global team of 100,000 experts in more than 150 countries, Johnson Controls offers the world's largest portfolio of building technology and software as well as service solutions from some of the most trusted names in the industry.

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