Johnson Controls

AquaMist®

AquaMist ULF and AquaMist FOG

Advanced, effective and approved water mist fire protection solutions

Discover the **benefits** of AquaMist water mist solutions

Water mist fire suppression systems offer advanced protection for a wide range of sensitive and challenging applications. From critical industrial infrastructure to invaluable historical documents and the buildings we live and work in every day, AquaMist systems from Johnson Controls provide trusted protection, backed by decades of fire suppression expertise and global third-party approvals.

Why choose AquaMist?

Lower your cost of ownership

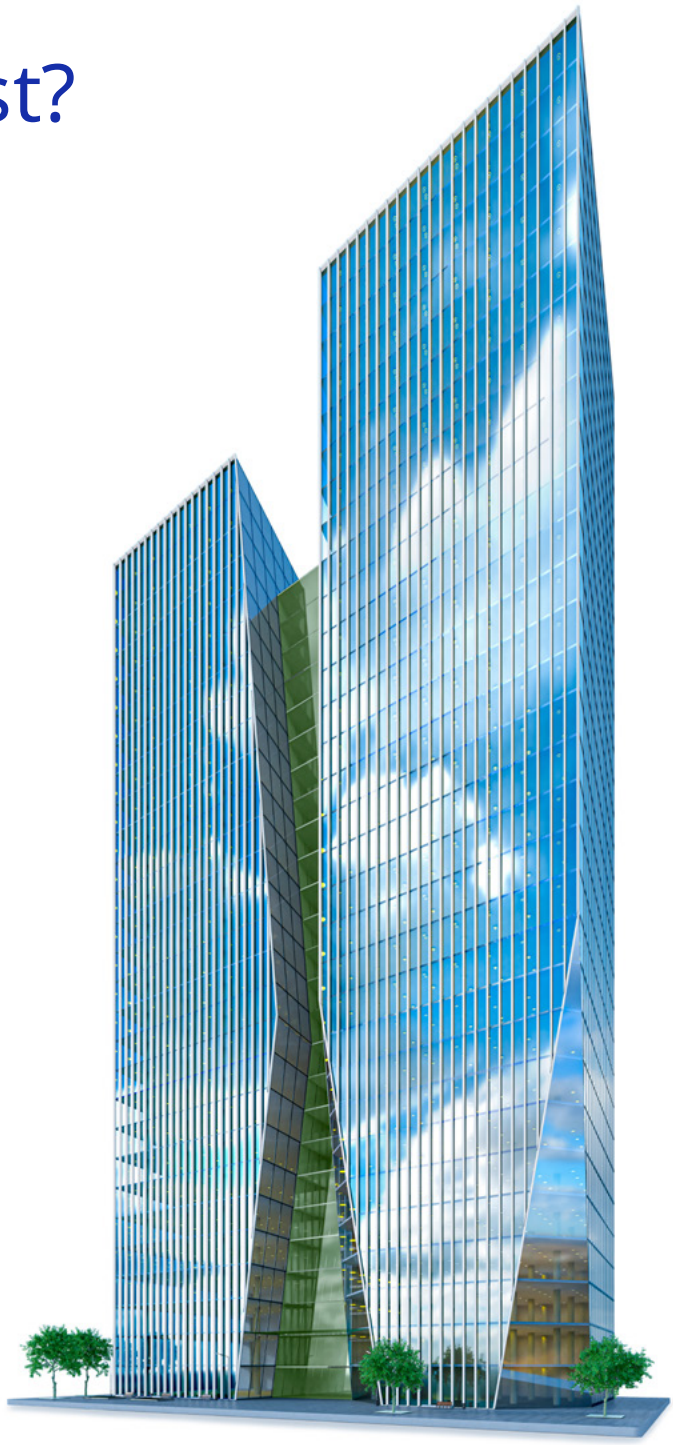
AquaMist Ultra Low Flow (ULF) low-pressure systems set themselves apart from other water mist options, combining the efficacy of water mist suppression with cost- and space-saving advantages over high-pressure alternatives.

AquaMist ULF is well suited to many applications.

Where high-pressure water mist systems are required, Johnson Controls also offers **AquaMist FOG** solutions to meet your needs.

Tested and approved

AquaMist systems have undergone full-scale fire testing and received a range of global approvals. You can enjoy peace of mind knowing that our solutions have been rigorously tested in multiple scenarios and approved to meet the highest performance standards.



From the **world leader** in fire protection

The AquaMist offering from Johnson Controls is built on long-standing experience–nearly 150 years of fire protection expertise and innovation. AquaMist joins well-known brands such as Tyco, ANSUL, Hygood and more in the broadest fire protection products portfolio. You benefit from broad expertise across a range of fire suppression systems, so you can receive objective recommendations on specific solutions to fit your application.

	AquaMist ULF	AquaMist FOG
Hotels	FM APPROVED, VdS — Performance-based design	
Data centers	FM APPROVED, VdS — Performance-based design	
Heritage	FM APPROVED, VdS — Performance-based design	
Hospitals	FM APPROVED, VdS — Performance-based design	
Machinery spaces and equipment	FM APPROVED, UL — Performance-based design	FM APPROVED — Performance-based design
Turbines	FM APPROVED, UL — Performance-based design	FM APPROVED — Performance-based design
Cable tunnels	Performance-based design	
Libraries and archives	VdS — Performance-based design	VdS — Performance-based design
Industrial fryer protection	FM APPROVED — Performance-based design	
Buildings	FM APPROVED, VdS — Performance-based design	
Shopping malls	VdS — Performance-based design	
Storage areas	VdS — Performance-based design	
Technical areas and plant rooms	VdS — Performance-based design	

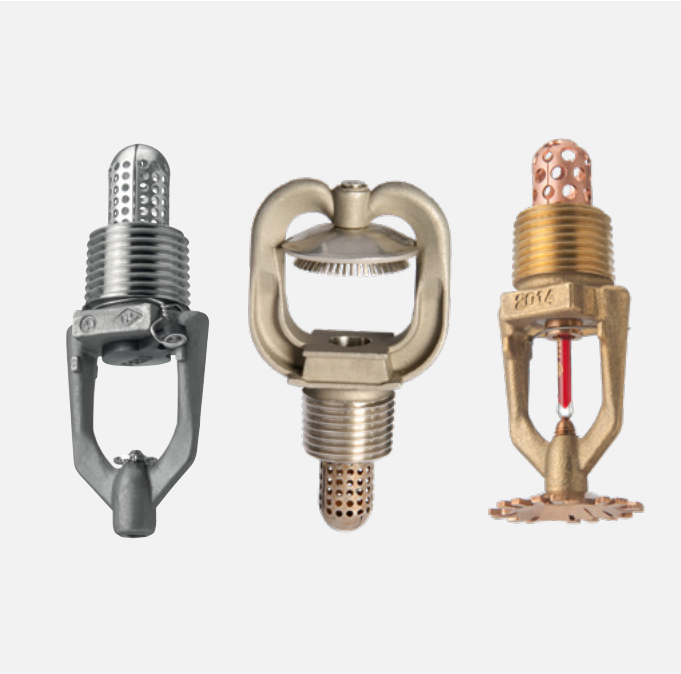
AquaMist **ULF low-pressure** water mist system

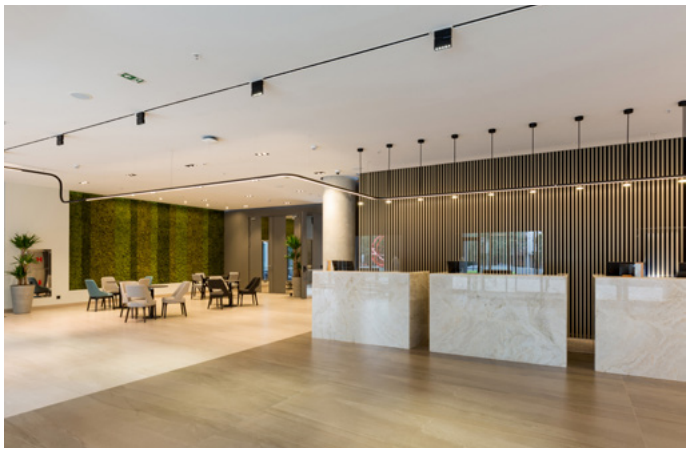
AquaMist ULF is a high-performance water mist fire suppression system designed for a variety of applications. It delivers ultra-fine droplets that rapidly suppress fires while minimizing water usage and damage.

AquaMist ULF optimizes performance and practicality – it protects sensitive applications while offering cost- and space-saving benefits over high-pressure water mist systems.

Advantages of AquaMist **ULF**

- **Efficient fire suppression:** The ultra-fine mist cools the fire and displaces oxygen to extinguish flames.
- **Optimize total cost of ownership:** As a low-pressure system, AquaMist ULF uses smaller pumps and generators than high-pressure water mist systems, reducing installation and operational costs.
- **Minimal water usage:** Uses significantly less water than traditional sprinkler systems, reducing water damage and clean up. This can also lower power consumption, potentially reducing expenses related to power cables and connections.
- **Ideal for retrofit:** AquaMist ULF can share a potable water supply and pump with a fire sprinkler system. In comparison, high-pressure alternatives require a dedicated, treated water supply. This means that an existing sprinkler system can be used and extended by AquaMist ULF.





AquaMist **FOG high-pressure** water mist system

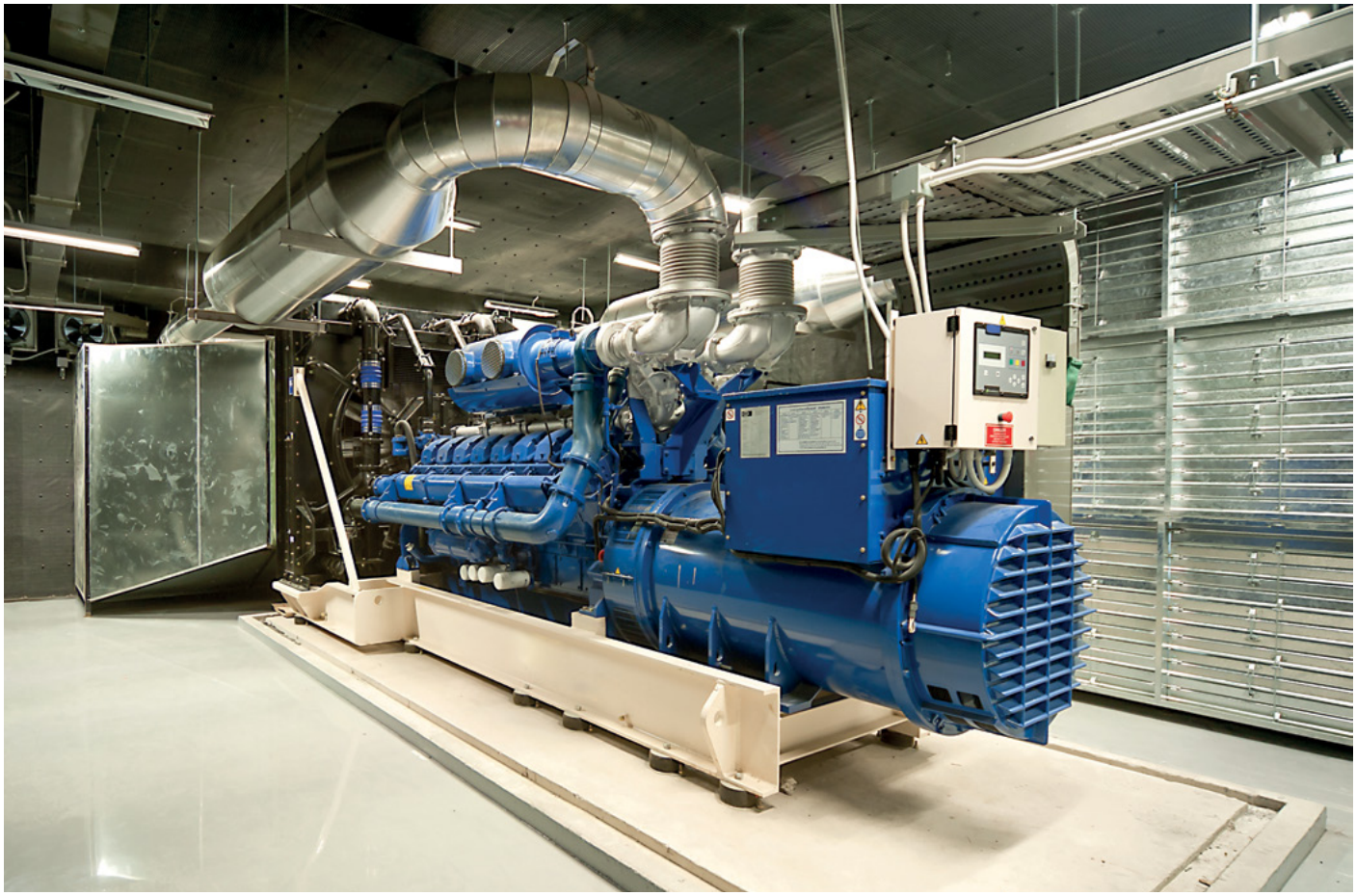
AquaMist FOG is a high-pressure water mist system that provides rapid fire suppression for various high-risk environments. The system produces a dense fog of ultra-fine droplets that effectively control and extinguish fires.

The system is highly effective for Class A and B fires, particularly in turbine rooms, engine test cells, paint spray booths and similar critical risk areas.

The AquaMist FOG system can be provided as a simplified pre-engineered solution or as a project-specific engineered solution.

Advantages of AquaMist **FOG**

- **Versatile design options:** AquaMist FOG systems are available with standalone cylinder units as well as pumped units, making AquaMist FOG suitable for multiple design layouts.
- **Accommodates large pressure drops:** Ideal for tall buildings or long pipe runs, AquaMist FOG systems can handle pressure drops of up to 20 bars.
- **Minimized water usage:** With very low water consumption in Class B fires, AquaMist FOG uses smaller pump units, pipe diameters and tank footprints, significantly reducing water damage and clean up compared to traditional deluge systems.
- **EHS-friendly alternative to CO_2 systems:** AquaMist FOG is an EHS-friendly option compared to CO_2 systems, reducing environmental impact and eliminating the risks to people associated with a CO_2 system actuation. It also does not require a sealed enclosure, allowing for small openings.



About Johnson Controls:

At Johnson Controls (NYSE:JCI), 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 140 years of innovation, we deliver the blueprint of the future for industries such as healthcare, schools, data centers, airports, stadiums, manufacturing and beyond through OpenBlue, our comprehensive digital offering.

Today, 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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The power behind **your mission**