I wish I could protect my office with a dependable Water Mist solution.
I wish I had a low-pressure fire protection solution that helps reduce space demand and installation costs.

Benefits of Water Mist
- Less water is required
- Smaller storage tanks
- Smaller pipes and fittings
- Less clean-up

AquaMist ULF for Offices is as effective as high-pressure solutions
- Requires the same amount of water as high-pressure systems
- Lower electrical requirements
- No high-pressure components

Wish granted!
AquaMist ULF for Offices
Rapid, dependable fire suppression

AquaMist ULF for Offices is an approved low-pressure Water Mist system that provides fire protection for working environments with limited and confined spaces, including above-ceiling and below-floor void areas containing electrical and data cables.

AM27 (TFP2227)
A low-pressure closed (automatic) nozzle that utilizes a single fluid jet impinging on a diffuser to produce a spray having a range of water droplet sizes suitable for the control of Class A fires. Fewer nozzles required to protect office spaces.

- Discharge Coefficient: \( K = 11.7 \text{ LPM/bar}^{1/2} \) (\( K = 0.81 \text{ GPM/psi}^{1/2} \))
- Thread Connection: 1/2 inch NPT
- Finish: Natural Brass, Chrome Plated, or White Coated
- Bulb Fluid Color: Orange
- Coverage area: up to 95m² (1,024ft²)

AM29 (TFP2229)
A closed (automatic) nozzle intended for use with engineered Water Mist systems. This low-pressure nozzle produces a range of water droplet sizes suitable for the control of Class A fires and the protection of data centers.

- Discharge Coefficient: \( K = 8.5 \text{ LPM/bar}^{1/2} \) (\( K = 0.59 \text{ gpm/psi}^{1/2} \))
- Thread Connection: 1/2 inch NPT
- Finish: Natural Brass, Pure White, Signal White, or Chrome Plated
- Temperature Rating: 57°C/135°F
- Bulb Fluid Color: Orange
- High coverage area

Pump Skid MCC (TFP2270)
The Tyco AquaMist Mist Control Center (MCC) is pre-assembled and factory-tested. The self-contained control center is pre-wired and pre-piped for plug-and-play installation.

G-Press Piping
Tyco’s labor-saving stainless steel pipe.
**Customized Nozzles:**

**AM28 (TFP2228)**
A low-pressure closed (automatic) nozzle that utilizes a single fluid jet impinging on a diffuser to produce a spray having a range of water droplet sizes suitable for the control of Class A fires.

- **Discharge Coefficient:** $K = 11.7 \text{ LPM/bar}^{1/2}$
- **Thread Connection:** 1/2 inch NPT
- **Orifice:** 4.3mm
- **Finish:** Natural Brass, Chrome Plated, or White Coated
- **Temperature Rating:** 57°C/135°F
- **Bulb Fluid Color:** Orange
- **High coverage area**

**AM30 Nozzle (TFP2201)**
TYCO Ultra Low Flow AquaMist Nozzle Type ULF AM30 produces a range of water droplet sizes suitable for the control of Class A fires and the protection of concealed spaces.

- **Discharge Coefficient:** $K = 8.5 \text{ LPM/bar}^{1/2}$
- **Thread Connection:** 1/2 inch NPT
- **Orifice:** 4.4mm
- **Finish:** Natural Brass NPT
- **Temperature Rating:** 57°C/135°F
- **Bulb Fluid Color:** Orange
- **High coverage area**

**G-Press Piping**
Tyco’s labor-saving galvanized stainless steel pipe.

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**THE POWER OF WATER MIST**

*Faster suppression. Less damage and clean up.*

- **1,000 µm Sprinkler**
  - The ULF system’s customized nozzles produce three sizes of water droplets to achieve faster and more efficient fire suppression with less water consumption than conventional sprinkler systems.
  - The smallest droplets maximize heat absorption
  - Medium droplets surround the fire and are pulled into the base of the fire as it draws in oxygen
  - Larger droplets penetrate the fire plume and drag the smallest droplets into the combustion zone

- **100-200 µm ULF**

**BENEFITS**
- Quickly removes heat from fire with less water to minimize damage
- Reduces post-discharge water treatment and clean-up costs
- Minimizes down-time to ensure business continuity

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Visit [www.tycoaquamist.com](http://www.tycoaquamist.com) for more information.