

**I wish I could
protect my office
with a dependable
Water Mist solution.**



 AquaMist

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



OFFICES

I wish I had a low-pressure fire protection solution that **helps reduce space demand and installation costs.**

CONTRACTOR

Wish granted!



AquaMist ULF for Offices

Rapid, dependable fire suppression



FM APPROVED SYSTEM



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
 Temperature Rating: 57°C/135°F
 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.

I wish I had a third-party tested solution that helps minimize damage and business interruption.

INSURER

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.

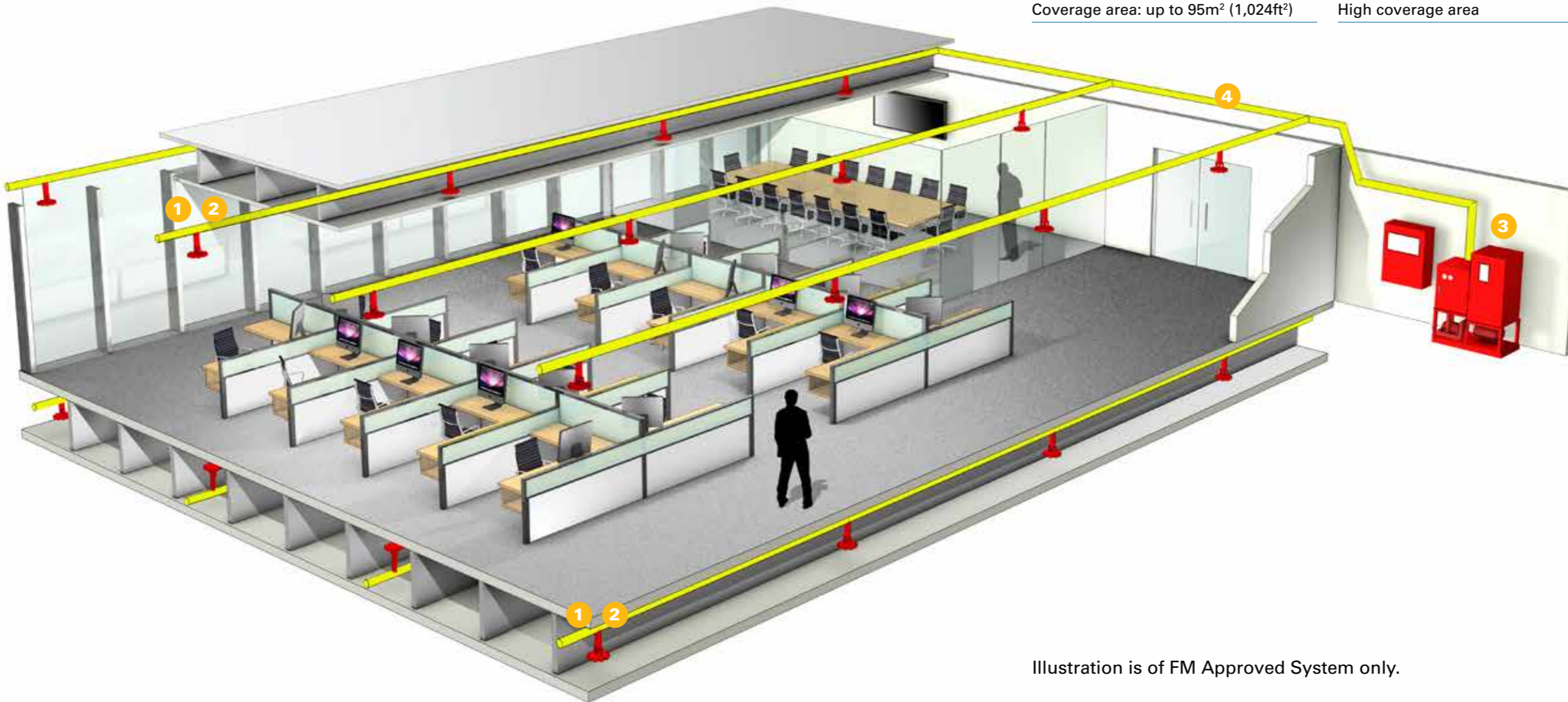


Illustration is of FM Approved System only.



VdS APPROVED COMPONENTS



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:

$$K = 11.7 \text{ LPM}/\text{bar}^{1/2}$$

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:

$$K = 8,5 \text{ LPM}/\text{bar}^{1/2}$$

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.

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.



100-200 µm ULF

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

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



Global Strength. Local Expertise. **At your service.**

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