



## High Pressure Water Mist Applications Portfolio

MicroDrop® High Pressure Water Mist systems use special nozzles operating at pressures of between 120 and 200 bar. They are subsequently designed to disperse water in optimum droplet sizes to provide sufficient kinetic energy to penetrate the heat plume created by a fire. The resultant Water Mist has an extremely large surface area with the ability to absorb large amounts of heat energy from a fire using a minimal amount of water. MicroDrop® High Pressure Water Mist systems have been extensively tested in full scale fire tests for a wide variety of applications.



**Computer Rooms  
and ISPs**

Organisations whose business relies upon totally secure IT systems have specified us to protect Computer Suites, EDP Rooms, Dealing Rooms, Archive/Deed Storage and Hospital Records.



**Schools**

Arson in schools and other establishments is a major problem. MicroDrop® HPWM systems can be cost effectively installed to minimise disruption, damage, and effect on pupils' educational development.



**Office Blocks**

Our systems are ideally suited for the protection of control rooms involved in the bulk manufacturing process of Food, Chemicals, Pharmaceuticals, Petrochemicals and Gas Production.



**Hotels**

Hotels need protection because they are high-risk fire environments with a number of unique characteristics including seasonal staff changes, language barriers and short-term guests staying in unfamiliar surroundings.

### MicroDrop® High Pressure Watermist, the versatile solution to meet a wide range of applications



**Cable Tunnels**

A fire in a tunnel is an absolute nightmare. As a fire grows, it fills all available space and has only two directions in which to travel - to each end of the tunnel. The solution to this problem is a high pressure Watermist system.



**Galleries, Museums  
and Archives**

Once a part of our heritage is lost, it can never be replaced. Our systems have been used to protect Picture Depositories, Film Depositories, Artefacts and Archives in historic buildings, University libraries and museums.



**Paint Spray Booths**

MicroDrop® systems are ideal for the protection of paint spray booths for vehicle, component and white goods manufacture, where anything but the shortest interruption on a "production flow line" can have a serious impact on both a business and its profits.



**Food Processing**

MicroDrop® systems are utilised by all leading food processing manufacturers to extinguish any potential fire, fast and efficiently with the minimal interruption to production.

**For further information contact your local  
Tyco Fire and Integrated Solutions office on:**

*tfis.microdrop.uk@tycoint.com*  
or visit our website at *tycofis.com*

*a vital part of your world*



*Fire & Integrated  
Solutions*