



Micromist[®] **Watermist Systems**



**Pre-engineered, Versatile
& Affordable Water Mist
Fire Suppression**

your TRUSTED partner in fire safety

Micromist®

EFFECTIVE AND RELIABLE

WATERMIST FIRE PROTECTION



Applications

- Gas Turbines
- Engine Test Cells
- Generator Rooms
- Machinery Spaces
- Oil Pumps
- Lubrication Skids
- Drive Shafts
- Chemical Processes
- Hydraulic Pumps
- Oil Reservoirs
- Diesel Generator Rooms
- Gear Boxes
- Transformer Vaults
- Gas Compressors
- Crude Oil Pumps
- Process Areas

THE SELF CONTAINED FIRE PROTECTION ALTERNATIVE

The MicroMist system is a self contained, single fluid, pre-engineered watermist fire suppression alternative to many traditional fire protection methods. MicroMist has demonstrated excellent performance in the suppression of a wide range of flammable liquid (Class B) fire scenarios including pools of fuel leakage, fuel sprays and potential Class A involvement of fuel soaked materials. MicroMist – the cost-effective solution

As a safe alternative to traditional fire protection methods, MicroMist is a water-based, non-toxic, environmentally friendly fire extinguishing system. Designed and manufactured to be self contained, MicroMist has an excellent track record with special hazard applications. And since it utilizes water as the suppressant agent, MicroMist is cost-effective and environmentally sound. MicroMist offers superior quality that protects your assets, the environment...and your budget!



How Does MicroMist Work?

- Cooling at the flame level by droplet vaporization (heat absorption)
- Oxygen displacement by steam generation (localized inert environment)
- Wetting/direct impingement
- Washing out of combustion products

The MicroMist system utilizes a nozzle design that shears the water into small droplets. These small droplets are very effective in producing water vapor, when they come in contact with the fire. Water vapor is a key component in suppressing a fire with a limited amount of water.

Why Use MicroMist?

Because of our experience with special hazard applications, solving the specific needs of our customers is unmatched in the fire suppression industry. MicroMist comes pre-assembled, tested and packaged with all valves and actuation components necessary for system operation, helping to eliminate high installation costs.

And because of the small amount of water required by the MicroMist system, post-discharge clean-up and downtime is limited.

Micromist®

FEATURES

- Environmentally safe
- Cost-effective
- Easy installation
- Minimal downtime
- Easily recharged systems
- NFPA 750 compliant
- FM approved

Get a FREE Quote TODAY

We would love the opportunity to give you a quote!

You can call or email us and we will have one of our certified technical representatives assist with your inquiry.

We will provide unparalleled support through the entire process from technical design, through to commissioning.

E: customerservice@phoenixfiresystems.ca
T: 416 742 7222



TRUST

Phoenix Fire Systems is the trusted, dynamic partner for companies across Canada, providing complete coverage in fire safety.

KNOWLEDGE

For decades we have been bringing together the most knowledgeable staff, best quality equipment and timely solutions to our clients' fire protection needs across every field. We are factory authorized and trained for the world's leading manufacturers of fire suppression equipment.

PEACE OF MIND

We design, supply, install and maintain systems in accordance with the local Fire Code and manufacturer's specifications including;

- ✓ High Pressure Carbon Dioxide (CO₂) Systems
- ✓ Clean Agent (FM-200®, Novec 1230™) Systems
- ✓ Dry Chemical Industrial Systems
- ✓ Wet Chemical Kitchen Systems
- ✓ Foam Systems
- ✓ Water Mist Systems

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