

# FOGMAKER



All components in the chain reaction are combated with **FOGMAKER's** fire suppression system.

## THE FIRE TRIANGLE

### 1 HEAT

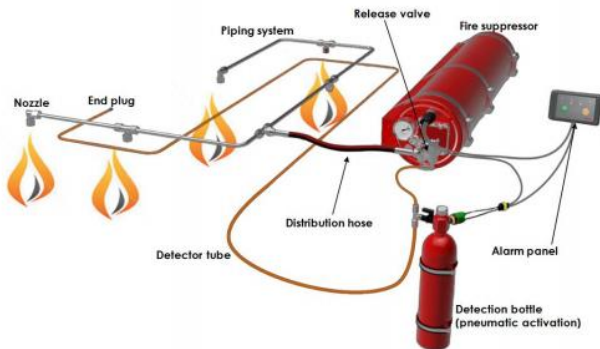
In the evaporation process the watermist cools the burnt gases and hot parts in the engine compartment. One calorie is needed to warm one gram of water +1°C, but 540 times more to evaporate the same quantity of water from +0°C to vapour. The effective cooling contributes to a rapid extinguishing and reduces the risk of re-ignition.

### 2 OXYGEN

The microdroplets evaporate immediately upon contact with heat. In the evaporation, 1 litre of water forms 1700 litres of water vapour. The vapour increases the water content of the air and prevents a new supply of oxygen to the fire.

### 3 FUEL

The Fogmaker extinguishant also includes a low concentration, environmentally friendly AFFF, (Aqueous Film Forming Foam) coating the fuel, preventing its contact with oxygen, resulting in suppression of the combustion.



**FMDC Watermist Canada**  
**Fire Suppression for Mobile Equipment**



**AIRPLUS**  
 Industrial

[www.airplusindustrial.ca](http://www.airplusindustrial.ca) 604-882-8886

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Unique cooling effect reduces temperature by 1321 °F (716 °C) in less than 10 seconds!

Fire test in engine compartments and suppression with water mist under high pressure.



- Cooling and choking water mist
- Environmentally friendly/ biodegradable non-toxic AFFF foam
- Rapid suppression
- PED 97/23/EG Compliant
- Low service and reduced life cycle cost
- Patented high-pressure technology
- Frost protected water mist solution
- Easy clean-up after a fire
- Anodized cylinder for corrosion protection
- Harmless to people, machines and the environment
- DOT Compliant
- UL Certified
- Approved by FIA, (97-001), The International Motor Sport Association
- More than 70,000 reliable systems installed since 1995
- Safe to use in battery compartments
- Compatible for use in hybrid propulsion



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