



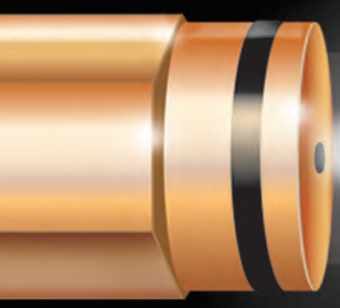
*Fire Suppression Systems  
for Forestry and  
Logging Equipment*



*Cools, chokes and suppresses  
engine fires in seconds.  
**Without Hazardous Chemicals!***



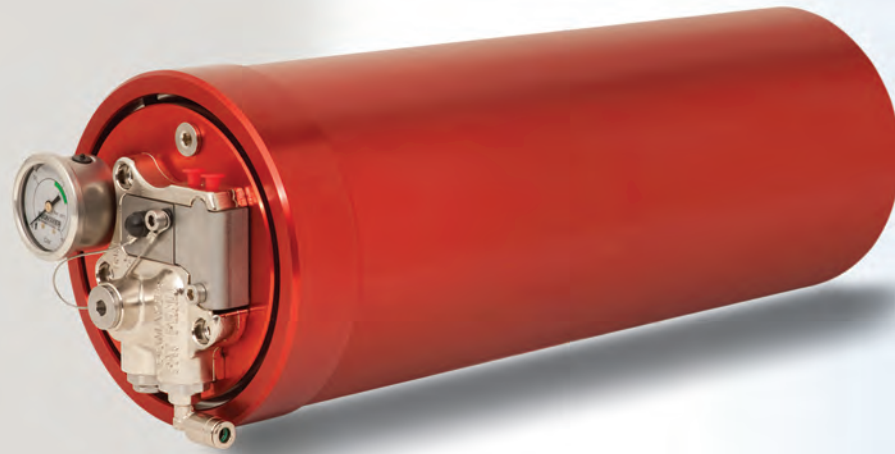
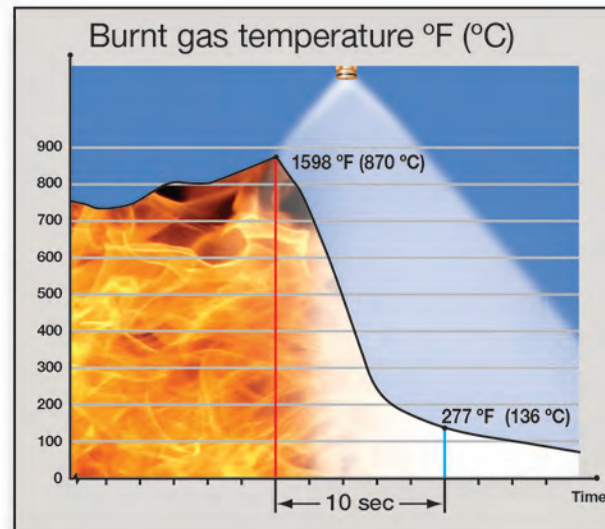




# UNPARALLELED PERFORMANCE ... in a Multiple of Forestry Applications

*Danger to life and property requires rapid and effective fire suppression.*

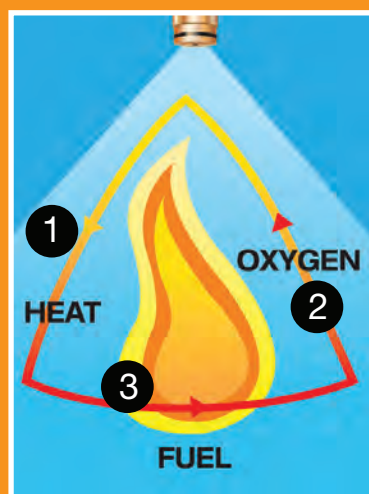
**FMNA Fire Suppression rapidly reduces heat from fires in seconds!**



**The FMNA system is superior to conventional fire suppression systems.**

- Environmentally friendly – no HAZMAT (Biodegradable non-toxic AFFF foam)
- Easy clean-up
- Safe, non-toxic to occupants (no Halon or other dangerous gases)
- Provides a longer duration discharge than powder systems
- Quick and easy to install at any angle in any position
- Electrical power not required for system activation
- Automatic discharge with additional manual activation

**FMNA Fire Suppression... the only system that attacks all three components of the fire triangle**



All components in the chain reaction are combated with the FMNA Fire Suppression water mist system.

- 1. Heat:** In the evaporation process, the water mist cools the burnt gases and hot parts in the engine compartment. This is 540 times more effective than water. The effective cooling contributes to a rapid fire suppression and reduces the risk of reignition.
- 2. Oxygen:** During evaporation the small water drops evaporate immediately upon contact with heat. In the evaporation, 1 liter of water forms 1700 liters of water vapor. The vapor increases the water content of the air, supported with an AFFF foam agent, which prevents a new supply of oxygen to the fire.
- 3. Fuel:** The water mist also includes an addition of foam that blankets the fuel on flammable oil products to prevent restarts.





# 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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Information and specifications herein subject to change without notice.