



MONGOOSE

FIREBUG TECHNOLOGY

Unique low pressure external fire fighting lance



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Firefighting in compartment fires, carries a much higher risk than most fires

Placing firefighters inside compartments at the height of the fire puts stresses on their bodies due to extreme heat and associated physical exertion

Tackling the fire remotely with equipment that is familiar, safe and easy to use must be the way forward?

Whilst providing a safer method of extinguishing compartment fires can we limit the amount of water used and tackle the fire more effectively?

THE PROBLEM



FEATURES AND BENEFITS

- optimum water mist droplet size and kinetic energy for effective cooling and extinguishing

- Easy plug and use functionally for quick fitting and use without the need for any engineering.

- safe and effective fire fighting from the outside of a compartment making it safer for fire fighters and providing opportunity for reduced crew

- low pressure water mist operating off standard hose lines without requiring specialist pumps and hoses

- integrates with low pressure fires, pumps requiring no specialist engineering, integration maintenance

- simple and easy to use requiring minimal training

- lightweight and compact for easy storage

- can operate on aerial platform's without any special engineering

- flexible length insertion lance allowing effective extinguishing through all recognised building constructions

- suitable for fire fighting and extinguishing in a conventional method too.

- no additive or aggregate required for successful operation reducing cost and logistic challenges

- Ordinary water atomised reducing water consumption

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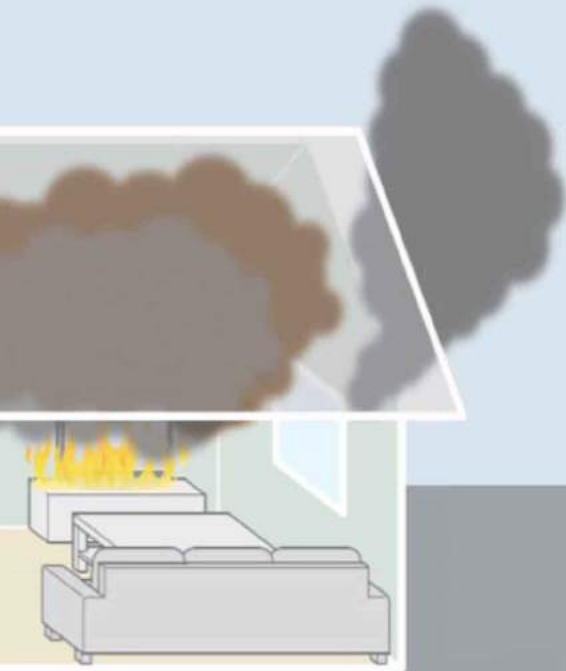


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THE SOLUTION



The Mongoose Attack Misting System (MAMS) offers an innovative, safe and highly effective approach to fires, suppression. The system comprises a revolutionary attack branch and a battery operated hole cutting drill.

The battery operated hole cutting drill is utilised to gain access from a location remote from the fires, compartment by breaching the structure, be that a wall, door or window etc; allowing introduction of the attack branch through the hole created.

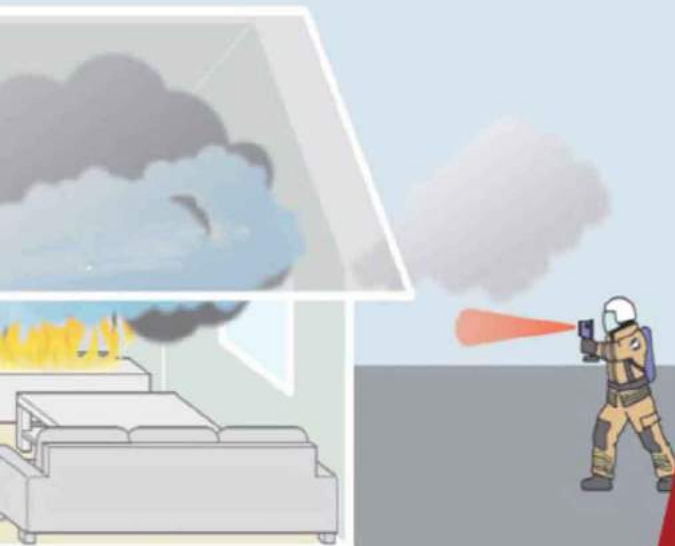
This relatively safer access to the compartment will permit deployment of an attack branch

Once introduced into the compartment, this innovative system has been designed with operating parameters that ensure the correct kinetic energy to overcome the pressures created by the fire.

Water mist droplets are transformed into steam by the heat which consumes energy, removes oxygen and consequently cools the fires, gases inhibiting re-ignition.

THE MONGOOSE ATTACK MISTING SYSTEM (MAMS)

OPERATING PROCEDURE



- Thermal scan the building for hot spot
- Make inject point – e.g. via wall, door, window
- Position Mongoose and commence firefighting
- Monitor impact/progress by continual thermal scanning/smoke changes

SPECIFICATIONS

Brand/Model:	Firebug Mongoose Attack misting
System Material:	Alloy
Optimum Operating Pressure:	6 bars
Flow:	Nominal 60 lpm
Inlet:	63.5mm male instantaneous
Length:	1200 mm
Weight:	4.2 kg



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