

**DELTA  
FIRE**



# FOG SPIKE MISTING SYSTEM

## KEY USERS

- Fire & Rescue Services
- Marine Sectors
- Waste Recycling
- Major Industrials
- Defence
- Aviation

## KEY FACTS

- Rapid Pre-Entry Heat Reduction in Compartment Fires
- Improved Fire Fighter Safety
- Minimised Water damage
- Low Cost Compared to Competing Products
- High & Low Pressure Options



**Double-Sided Fog Hammer**

Doc Ref: DDS030

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## GENERAL DESCRIPTION

The Delta Fog Spikes are specifically designed to allow operatives to attack and improve pre-entry compartment fire conditions by rapidly reducing internal temperatures significantly reducing risk to firefighters and greatly limiting water damage.

The Kits include both 'Attack' and 'Restrictor' Fog Spikes delivering fine water sprays through a variety of construction mediums without the need for firefighter entry. Integration with existing fire appliance pumps ensures complete compatibility of use - there are no 'special requirements' needed to existing equipment to use the Fog Spikes.

Two Kit options are available – The Type A High Pressure Kit is designed for ladder and ground level attack and the Type B Low Pressure Kit is most commonly used on Ariel Ladder Platforms (ALP's).

The main ethos around the design of the Fog Spikes lies with firefighter safety and we firmly believe this system to be a major step forward in firefighter Health & Safety ensuring that optimum pre-entry conditions are achieved.

Trials at UK Fire Services have seen temperature reduction from 600° to 60° in under 60 seconds.



## APPLICATIONS

- Roof, Loft and Basement Fires
- Thatch Fires
- Room / Compartment Fires
- Shop Fires
- Shed / Warehouse Fires
- Car & Lorry Fires
- Skip & Waste Bin Fires
- Peat Fires
- Brush / Forest Fires
- Shipping Container Fires
- Cabin Fires
- Aircraft Fires
- Waste Recycling Pile Fires
- Mud / Silt Aeration

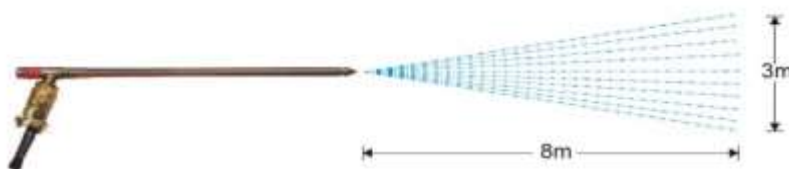
## SUBSTRATES

### With Fog Hammer

- Wood / UPVC Doors & Windows
- Tin / Thin Steel & Aluminium
- Plasterboard Walls
- Slate, Tiled or Flat Roofs
- Roller Shutters (Shop Fronts)

### With Drill (Optional)

- Brick Walls
- Blockwork Walls
- Solid Steel
- Concrete
- Wooden Studwork



Fog Spike "Attack" excl. adaptor



Fog Spike "Restrictor" excl. adaptor

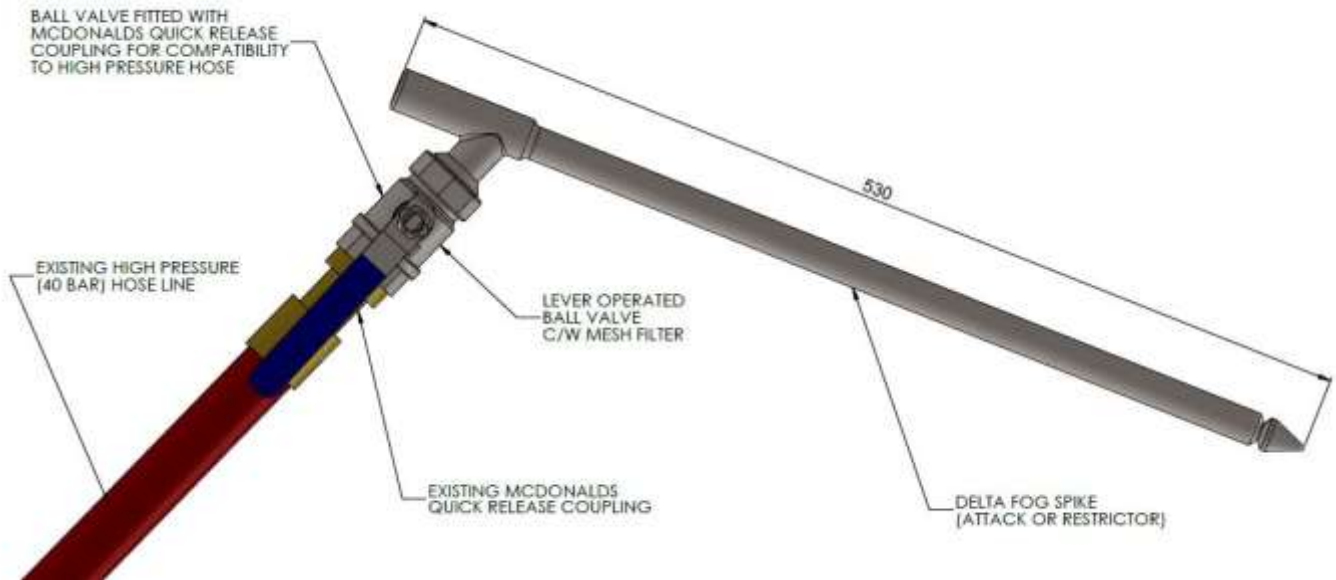
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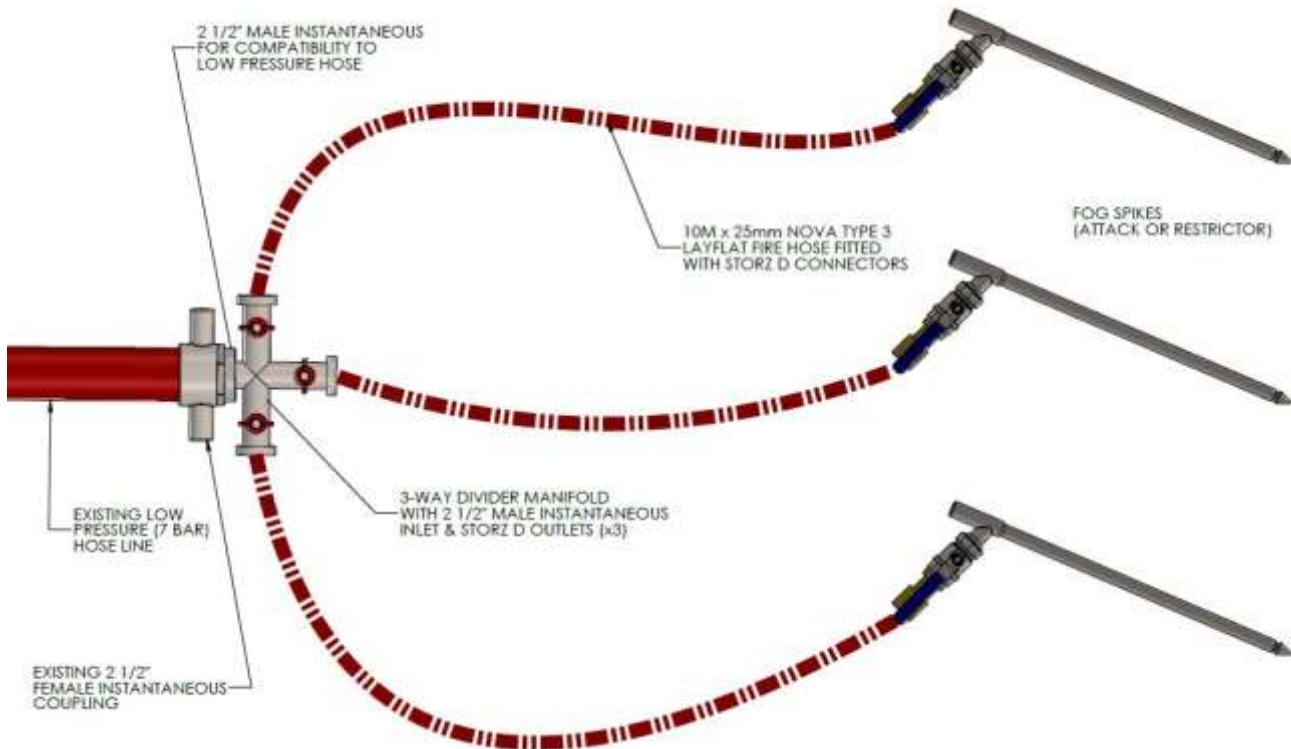


# DESIGN FEATURES

## TYPE A KIT – HIGH PRESSURE



## TYPE B KIT – LOW PRESSURE



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## THE RANGE

**Type A Kit** (High Pressure) includes:

1 x Attack Fog Spikes / 1 x Restrictor Fog Spike / 1 x Fog Hammer / 1 x Shoulder Holster

**Type B Kit** (Low Pressure) includes:

1 x Attack Fog Spikes / 2 x Restrictor Fog Spike / 1 x Fog Hammer / 3 x 10m x 25mm (1") Type 3 Hose Assemblies / 1 x 3 Way Controlled Dividing Breeching / 1 x Carrying Cradle

**Type M Kit** (Marine) includes:

1 x Attack Fog Spikes / 2 x Restrictor Fog Spike / 1 x Fog Axe / 1 x Shoulder Holster

**Type P Kit** (For use with dry powder extinguishers) includes:

1 x Attack Powder Spikes / 1 x Restrictor Powder Spike / Connecting Hose to Cylinder.

**1.5m Extra Long XL Fog Spikes** are also available in Attack & Restrictor formats.

All Fog Spike components are available separately on request.

Product Code	NFL24A110	NFL24C110	NFL24M100	NFL24A050	XNFL24080
Model	Type A Kit High Pressure	Type B Kit Low Pressure	Type M Kit Low Pressure	Type P Kit Dry Powder	OPTIONAL EXTRA
Fog Spikes	1 x Attack 1 x Restrictor	1 x Attack 2 x Restrictor	1 x Attack 2 x Restrictor	1 x Attack 1 x Restrictor	Hitachi Cordless Drill
Inlet	1" BSP Female	1" BSP Female	1" BSP Female	Pre-Formed Connecting Hose	
Control	Lever-Operated ball valve	Lever-Operated ball valve	Lever-Operated ball valve	Lever-Operated ball valve	
Entry Tool	Fog Hammer	Fog Hammer	Fog Axe	Fog Hammer (optional extra)	
Weight	8 KG	20 KG	10 KG		
Storage & Transportation	Shoulder Holster	Carrying Cradle	Shoulder Holster		
Hose Supplied	N/A	3 x 10m x 1" Type 3 Layflat	N/A		
Additional Equipment	N/A	3-Way Controlled Dividing Breeching	N/A		
Maximum Use Pressure	40 Bar Factory Tested to 50 Bar	16 Bar Factory Tested to 22½ Bar	16 Bar Factory Tested to 22½ Bar		
Maximum Advised Working Pressure	Maximum 12 Bar	Maximum 12 Bar	Maximum 12 Bar		
Recommended Inlet Pressure	3 – 8 Bar	3 – 8 Bar	3 – 8 Bar		
Minimum Operational Pressure	3 Bar*	3 Bar*	3 Bar*		



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