



**DELTA
FIRE**



ATTACK 500 CAF FIRE NOZZLE

COMPRESSED AIR FOAM NOZZLE

KEY USERS

- Fire & Rescue Services
- Waste Recycling
- Oil & Gas
- Marine
- Major Industrials
- Aviation
- Mining
- Nuclear
- Defence

KEY FACTS

- Manufactured in the UK
- ISO9001 Quality Controlled
- Designed for Compressed Air Foam Use
- Fixed Stream Jet Barrel & Silencer
- Optional Fog Lance Attachment
- Optional Jet/Spray Attachment
- Stainless Steel Ball Valve
- 10 Year Manufacturer's Warranty



CAFS with Spray Attachment

Doc Ref: DDS018



DELTA FIRE

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GENERAL DESCRIPTION

The Delta Attack 500 CAF nozzle is designed for use with compressed air foam in conjunction with a CAFS system. This pistol-grip nozzle has a stainless steel ball valve for smooth ease of operation via a fully controllable on/off stirrup handle. Fully hard black anodized for maximum corrosion protection the CAF nozzle has a fixed-stream jet barrel and silencer to reduce noise levels, particularly effective during initial use. Originally used for wildfire woodland firefighting CAFS foam has also proved highly advantageous in structural fire scenarios and is now commonly used to suppress car fires, skip fires and waste fires. With enhanced 'first-attack' capabilities CAFS foam rapidly knocks down the fire allowing first-responding fire crews to improve fire conditions in advance of back-up personnel arriving on scene. CAFS foam also has the ability to effectively 'stick' to both horizontal and vertical surfaces thanks to its 'shaving-foam' like properties allowing maximum moisture penetration. Less water is also needed using the CAF nozzle which is a major advantage where water is a limited resource.

The Attack 500 CAF is supplied as standard with a detachable silencer. Also available as an optional extra is the CAF Lance and Jet/Spray attachment. The CAF lance is available in either 850mm or 1500mm lengths and incorporates a multi-directional stainless steel spray tip ideally suited for penetration into inaccessible areas such as roof spaces, car windows, skips etc. The Jet/Spray attachment provides the ability to incorporate CAFS performance with conventional jet/spray techniques. The Attack 500 CAF nozzle is available with any International inlet adaptor.



Typical flow rates of the CAF nozzle is up to a maximum of 500 litres per minute and is designed to achieve longer jet reach and maximum foam coverage for fast, effective fire suppression. Designed and manufactured by Delta in the UK the CAF nozzle is subject to rigorous quality controls and guaranteed against manufacturing defect for 10 years.

The Delta Attack 500 CAF nozzle is also the most compact and lightest nozzle in its class making it easy to store in Appliance lockers and operationally easy to use. The ergonomically designed pistol grip and control handle are suited for use with firefighting gloves conforming to both the BSEN 659:2003+A1:2008 and BSEN 388:2003 Standards.



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DESIGN FEATURES

The Delta Attack 500 CAF nozzle boasts special features designed to maximise performance and ensure the highest possible level of safety for the operator. More than 25 years of ongoing research and development has culminated in a state-of-the-art multi-purpose nozzle highly regarded by industry professionals globally.



Jet Barrel & Silencer

Utilising a stainless steel ball valve the Attack 500 CAF nozzle provides the user with smooth, ease of operation. The corrosion resistant jet barrel and silencer discharge the foam at high velocity facilitating long reach foam jets and maximum coverage. Requiring no lubrication and minimal maintenance the CAF nozzle is a top quality highly effective nozzle suited to a wide range of fire scenarios.



Flow Control

The Attack 500 CAF is fully controllable by easy adjustment of the stirrup control handle allowing the operator to move swiftly and smoothly between 'on' and 'off' settings varying the flow and foam jet length to suit the specific requirements. Designed for use with all types of firefighting gloves the control handle allows adequate space for easy access and operation.



CAF Lance (850mm and 1500mm Options)

Available in two size options the CAF nozzle can be fitted with a CAF Lance (optional extra). The Lance enables the user to penetrate into normally inaccessible areas such as roof spaces, cars and skips or for injecting foam deep into piles of waste, haystacks or peat fires. The stainless steel nozzle tip spray foam multi-directionally for maximum spread.



Jet/Spray Attachment

The Attack 500 CAF can be fitted with a Jet/Spray attachment (optional extra) that provides the operator with the ability to select between narrow or wide angle spray patterns or solid jets to meet the specific risk or changing fire scenarios. Featuring stainless steel spinning turbine teeth the foam is chopped up into smaller particles in spray modes enabling rapid, wide coverage of foam. Switching between Silencer, Lance or Jet/Spray attachment is effortless ensuring firefighting performance is maintained at all times.

The Delta Attack 500 CAF is the culmination of state-of-the-art design and computer aided 3D flow engineering.



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THE RANGE

The Attack 500 CAF is the ultimate in compressed air foam nozzles with incredible versatility when using the various interchangeable attachments.

Supplied as standard with a choice of International inlet adaptors for compatibility to existing hoselines.



Product Code	NFA110CAF	NFBCAFL10	NFBCAF050	NFBCAFJSA
Model	7 Bar NFPA Model CAFS Foam	1.0 Metre CAFS Lance	0.5 Metre CAFS Lance	CAFS Jet/Spray Attachment
Main Body / Barrel	Hard Anodised Aluminium	Hard Anodised Aluminium	Hard Anodised Aluminium	Hard Anodised Aluminium
Front Silencer	Hard Anodised Aluminium			
Weight	1.8 KG			
Valve Type	Stainless Steel Ball Valve			
Inlet Type	1 ½" BSP Female			
Flow Range litres/min @7 bar	Up to 500 LPM			
Flow Range USG/min @ 7 bar	Up to 130 GPM			
Maximum Use Pressure	40 Bar Factory Tested to 50 Bar			
Maximum Advised Working Pressure	Maximum 12 Bar			
Recommended Inlet Pressure	3 – 8 Bar			
Minimum Operational Pressure	3 Bar*			

Optional NH (American) Threaded inlet

**Recommended Only – Nozzle will function down to 1 Bar*



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