

**DELTA
FIRE**



DF-7XP (pistol grip model)



DF-7X LOW-EXPANSION FOAM BRANCHPIPES

**OPTIMISED FOR ALL FOAM TYPES
INCLUDING FLUORINE-FREE FOAMS**

KEY USERS

- Fire & Rescue Services
- Marine
- Petrochemicals
- Fuel Storage Sites
- Oil & Gas
- Mining
- Chemical Facilities
- Major Industrials
- Aviation
- Nuclear

KEY FACTS

- Ideal for all foams types including Fluorine-Free foams
- Selectable 3%, 6% or Pre-Mix
- Stable, Fully Aspirated Foam
- Excellent Foam Expansion
- Optional 3m Foam Pick-Up Tube
- Durable Construction
- All International Inlets available
- Manufactured in the UK
- Choice of Models



DF-7X model (without pistol grip)

Doc Ref: DDS094

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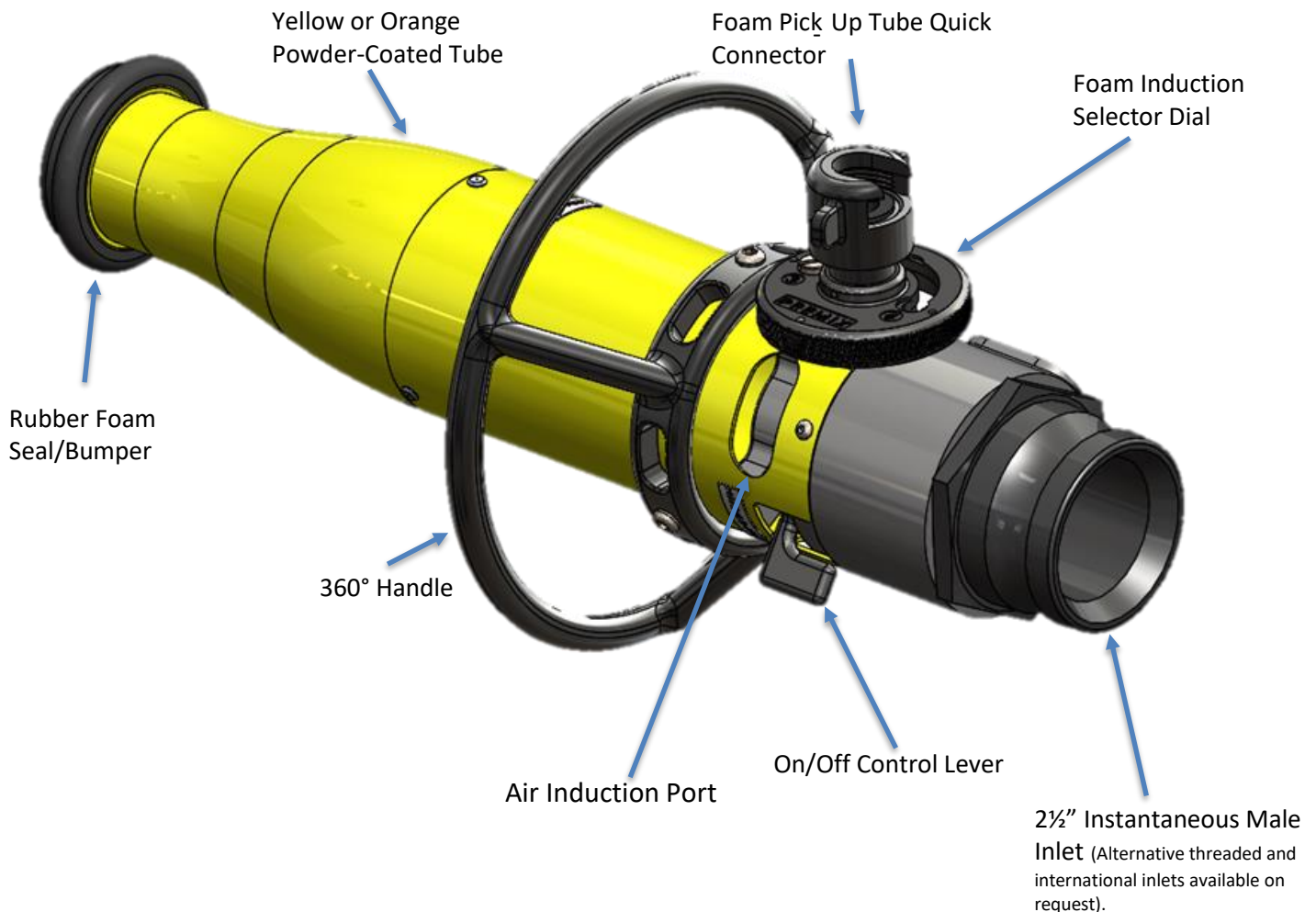
GENERAL DESCRIPTION

The **Delta DF-7X** series of variable induction low-expansion foam branchpipes are lightweight, highly maneuverable and designed to discharge fully aspirated foam directly onto the risk. Ideal for all foam types including the new fluorine-free foams producing excellent aspirated foam with good expansion and long drainage times, both important features when using fluorine-free foams.

Foam concentrate is induced either via a 3m foam pick-up tube fitted to the branch (optional extra) or alternatively a pre-mixed foam solution can be introduced to the branch via an in-line inductor or round-the-pump proportioner. The 'Foam Selector' dial allows the operator to easily select between 3%, 6% or Pre-Mix induction.

The **DF-7X** is designed for use with inlet pressures between 3 bar and 10 bar. At 5½ bar the DF-7X will provide a 225 lpm flow rate generating approximately 2,300 lpm of finished foam.

The **DF-7X** is supplied as standard in hi-viz yellow or orange with 2½" Instantaneous male inlet adaptor, however BSP threaded inlets are available on request along with all international adaptors for compatibility to customers' existing hose lines. The optional DF-7XP model incorporates an ergonomic pistol grip suited for use with firefighting gloves conforming to BSEN 659:2003+A1:2008 and BSEN 388:2003 Standards.



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GENERAL DESIGN



Applications

The DF-7X is ideally suited for use on hydrocarbon fires, for example in refineries, aviation sectors and the marine / defence industries and can be used to deliver a stable foam blanket over the risk site, spreading foam easily and quickly over fuel spills to form a polymer film preventing oxygen ingress and possible combustion. Due to the high water content in low expansion foams the DF-7X branchpipe can also be used as an effective cooling device to protect assets from fire risk.



Selectable Foam Induction

Delta's DF-7X Low-Expansion Foam Branchpipes allows the operator to easily select between 3%, 6% or Pre-Mix foam settings. 3% & 6% positions will induct foam concentrate direct from the foam drum via a 3m foam pick-up tube (optional extra). Pre-Mix foam is provided to the branch via an in-line foam inductor or Round-the-Pump Proportioner.



Materials

The DF-7X body is manufactured from lightweight, highly durable anodised cast aluminium for excellent corrosion resistance and resilience to front-line operational use. The discharge tube is made in powder coated aluminium and all machined parts are either hard anodised aluminium or 316 stainless steel to ensure a long service life and minimal maintenance requirements.



Operator Control

The Delta DF-7X Foam Branchpipe incorporates an integral 'on/off' control switch fitted to the branchpipe. This allows the operator complete control over flow and foam pick-up and is designed for ease of use with firefighting gloves conforming to the recognised BSEN 659:2003+A1:2008 and BSEN 388:2003 Standards.

DF-7X



DF-7XP



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THE RANGE

The Delta DF-7X foam branchpipes are available in the following models as standard.

(For Pre-Mix foam use only please use product code FEP160032 to include 2½" Instantaneous male inlet or product code FEP161032 to include 2½" BSP male inlet)

Product Code	Inlet	Flow (LPM @ 5½ bar)	Model	Colour	Material
FEP181032	2½" BSP Female	225	DF-7X (No pistol grip)	RAL 1018 Yellow	Anodised Aluminium
FEP181062	2½" BSP Female	225	DF-7X (No pistol grip)	RAL 2002 Orange	Anodised Aluminium
FEP191032	2½" BSP Female	225	DF-7XP (Inc pistol grip)	RAL 1018 Yellow	Anodised Aluminium
FEP191062	2½" BSP Female	225	DF-7XP (Inc pistol grip)	RAL 2002 Orange	Anodised Aluminium
FEP180032	2½" Light Alloy Instantaneous Male	225	DF-7X (No pistol grip)	RAL 1018 Yellow	Anodised Aluminium
FEP180062	2½" Light Alloy Instantaneous Male	225	DF-7X (No pistol grip)	RAL 2002 Orange	Anodised Aluminium
FEP190032	2½" Light Alloy Instantaneous Male	225	DF-7XP (Inc pistol grip)	RAL 1018 Yellow	Anodised Aluminium
FEP190062	2½" Light Alloy Instantaneous Male	225	DF-7XP (Inc pistol grip)	RAL 2002 Orange	Anodised Aluminium
FEP180031	2½" Gunmetal Instantaneous Male	225	DF-7X (No pistol grip)	RAL 1018 Yellow	Anodised Aluminium
FEP180061	2½" Gunmetal Instantaneous Male	225	DF-7X (No pistol grip)	RAL 2002 Orange	Anodised Aluminium
FEP190031	2½" Gunmetal Instantaneous Male	225	DF-7XP (Inc pistol grip)	RAL 1018 Yellow	Anodised Aluminium
FEP190061	2½" Gunmetal Instantaneous Male	225	DF-7XP (Inc pistol grip)	RAL 2002 Orange	Anodised Aluminium
XNAZPU17X	3m Pick-Up Stick c/w special DF-7X quick- connection	N/A	Stainless Steel Drum Piercer / 3/4" Pick-Up Tube c/w Gunmetal Quick-Connector		

TECHNICAL DATA

Model	DF-7X	DF-7XP
Operating Pressure Range	3 bar to 10 bar	3 bar to 10 bar
Optimum Flow Range	225 lpm @ 5½ bar	225 lpm @ 5½ bar
Foam Output	Circa 2,300 lpm	Circa 2,300 lpm
Selectable Calibration Options	3% / 6% / Pre-Mix	3% / 6% / Pre-Mix
Foam Concentrates	Suitable for all types	Suitable for all types
Foam Consumption	@ 3% - 7 lpm / @ 6% 14 lpm	@ 3% - 7 lpm / @ 6% 14 lpm
Maximum Throw (m)	20m - 24m (still air conditions)	20m - 24m (still air conditions)
Length (mm)	467	467
Diameter (mm)	210	210
Weight (Kg)	2.0	2.2
Pistol Grip	NO	YES

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