DELTA FIRE

MADE IN THE UK

HV & S-SERIES FOAM BRANCHPIPES

LOW EXPANSION

KEY USERS

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

KEY FACTS

- Manufactured in the UK
- ISO9001 Quality Controlled
- Lloyds Certified
- Long Throw Capability
- Suitable for all Foam Types
- Various Flow Options
- Self-Inducing Models
- Fully Marinised Options
- Optional On/Off Ball Valve
- All International Inlets

Self-Inducing HV-Series Foam Branchpipe

Doc Ref: DDS027

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GENERAL DESCRIPTION

The Delta HV-Series of Foam Branchpipes have been designed for use with all foam types including Fluoroproteins, AFFF's, FFFP's and All-Purpose Alcohol Resistant foams. Designed to first expand and then accelerate the foam to high velocity the HV-Series is capable of long throws beyond the range of many older designs. Standard models are designed for use in conjunction with Delta Z-Series Variable Foam Inductors and Self-Inducing models with quick release pick-up sticks are also available for foam induction direct from the drum.

Manufactured by Delta in the UK the HV-Series has a light alloy body, powder-coated inside and out for resistance to corrosion. Finished in epoxy coated polyester International Orange or High-Viz Yellow the HV-Series can be supplied with a wide range of International inlet adaptors for compatibility to existing hoselines.

A fully Marinised S-Series version is also available, manufactured with a 316 stainless steel body and LG2 gunmetal nozzle for use in extreme off-shore environments where regular contact with salt water and saline atmospheres is expected.

Optional On/Off ball valves can be supplied for ease of operator control and carrying handles are fitted as standard on the larger HV-450 & HV-900 models.

Designed and Manufactured by Delta Fire in the UK the HV-Series Foam Branchpipe range is built under an ISO9001 Quality Management Standard from top quality materials and rigorously tested prior to dispatch.

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GENERAL DESIGN

The Delta HV-Series Foam Branchpipes are the culmination of extensive design and development work over many years resulting in a superior, high performance product suited to a wide spectrum of applications around the world.

HV-Series
The standard range of Delta HV-Series Foam Branchpipes is available in a choice of three flow rates – 225, 450 and 900 litres per minute and designed to be paired to a Delta Z-Series Variable Foam Inductor with matching flow rate. The larger 450 & 900 models are fitted with carrying handles as standard.

HV-Series (Self-Inducing)
Delta's Self-Inducing HV-Series Foam Branchpipes allow the operator to induce the foam concentrate directly from the drum via a pick-up tube and stainless steel drum piercer negating the need for a separate foam inductor. This option is also available in three flow rates – 225(S), 450(S) & 900(S).

S-Series
A fully Marinised S-Series version is available for use in harsh environments and saline atmospheres and is designed to withstand corrosion and degradation from use with salt water. Manufactured with a 316 stainless steel body and LG2 Gunmetal nozzle the S-Series is ideal for all in-shore & off-shore Marine applications. Available in either Standard or Self-Inducing models.

Ball Valve Control (Optional)
All Delta HV & S-Series Foam Branchpipes can be supplied with lever-operated 'On/Off' ball valves as an optional extra. This allows the operator to have total control over the flow of foam at all times. Available in Light Alloy or Marine Brass to suit all climates and applications.

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THE RANGE

The Delta HV-Series of Foam Branchpipes covers all possible applications for fast, effective discharge of low-expansion foam. With a choice of epoxy powder coated models or fully Marinised stainless steel models and Standard or Self-Inducing options, the HV-Series can be supplied in either International Orange or High-Viz Yellow and fitted with a wide range of International inlet adaptors for compatibility to existing hoselines.
Optional On/Off ball valves are available in either Light Alloy or Brass for ease of Operator control.

Product Code	Model	Inlet	Flow L/Min	Body material	Colour Options
FEP001028	HV225	2" BSP Male	225	Epoxy Powder Coated Light Alloy	Hi-Viz Yellow or International Orange
FEP011028	HV450	2" BSP Male	450	Epoxy Powder Coated Light Alloy	Hi-Viz Yellow or International Orange
FEP021028	HV900	2" BSP Male	900	Epoxy Powder Coated Light Alloy	Hi-Viz Yellow or International Orange
FEP031028	HV225S Self-Inducing	2" BSP Male	225	Epoxy Powder Coated Light Alloy	Hi-Viz Yellow or International Orange
FEP041000	HV450S Self-Inducing	2" BSP Male	450	Epoxy Powder Coated Light Alloy	Hi-Viz Yellow or International Orange
FEP051028	HV900S Self-Inducing	2" BSP Male	900	Epoxy Powder Coated Light Alloy	Hi-Viz Yellow or International Orange
FEP091003	S200	2" BSP Male	200	316 Stainless Steel + Gunmetal Nozzle	Natural Finish Stainless Steel
FEP101028	S400	2" BSP Male	400	316 Stainless Steel + Gunmetal Nozzle	Natural Finish Stainless Steel
FEP111028	S900	2" BSP Male	900	316 Stainless Steel + Gunmetal Nozzle	Natural Finish Stainless Steel
FEP121000	S200S Self-Inducing	2" BSP Male	200	316 Stainless Steel + Gunmetal Nozzle	Natural Finish Stainless Steel
FEP131028	S400S Self-Inducing	2" BSP Male	400	316 Stainless Steel + Gunmetal Nozzle	Natural Finish Stainless Steel
FEP141028	S900S Self-Inducing	2" BSP Male	900	316 Stainless Steel + Gunmetal Nozzle	Natural Finish Stainless Steel
XNADML207	Optional On/Off Ball Valve			Light Alloy	Natural Finish
MIS220002	Optional On/Off Ball Valve			Brass	Natural Finish

Typical Performance

Standard Model Self-Inducing	HV225 HV225S	HV450 HV450S	HV900 HV900S		S200 S200S	S400 S400S	S900 S900S
Nominal Flow 5 Bar L/Min 7 Bar	200 225	400 450	800 900		200 225	400 450	800 900
Foam Expansion	6-10	6-10	6-10		6-10	6-10	6-10
Range (mtr) @ 7 Bar *	18-22	20-24	22-26		18-22	22-24	22-26
Length (mm)	740	880	1010		825	825	975
Weight (Kg)	2.2	2.6	3.0		2.9	2.9	3.8

*Effective Range in still air conditions - typical throw performance using standard AFFF Foam

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