

**DELTA
FIRE**



COMPACT HI-EXPANSION FOAM GENERATOR

WATER TURBINE POWERED

KEY USERS

- Major Industrials
- Marine
- Petrochemicals
- Waste Recycling
- Oil & Gas
- Mining
- Chemical Facilities
- Aviation
- Nuclear

KEY FACTS

- Manufactured in the UK
- ISO9001 Quality Controlled
- High Foam Output
- Water Turbine Powered
- Easy One-Man Operation
- Smoke Extraction Options
- Stable Foam production
- Fixed Version Option
- All International Inlets



Fixed Net Model

Doc Ref: DDS042

DELTA FIRE

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GENERAL DESCRIPTION

The Delta **Compact High Expansion Foam Generator** is manufactured in corrosion resistant 316 stainless steel and powered by a bronze water turbine capable of producing very large volumes of hi-ex foam very quickly and extremely efficiently.

Ideally suited to harsh, corrosive environments the Compact is designed for use in conjunction with a 225 LPM (60 GPM) in-line foam inductor (such as the Delta Z225) and is available in either Standard Model, Fixed Model (with 316 stainless steel net) or Smoke Extraction Model which comes with a 7.5 metre length of red smoke ducting (optional extra).

Manufactured in the UK, the Compact is supplied as standard with a 2" BSP male threaded inlet for compatibility to any International inlet adaptor and has a natural stainless steel finish.

Optional versions are available including self-inducing and fixed net models.



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



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THE RANGE

The Compact is designed for all High Expansion total flood applications and particularly suited for use in warehouses, hangars, ship's holds, cable ducting, machinery spaces, waste recycling sites etc.

Water damage is minimised through expanding the foam between 400 and 450 times with air, producing effective and rapid extinction. The Compact is powered by a powerful water driven turbine making it ideal for use in hazardous areas such as chemical process plants and mines. Many specialist applications such as the suppression of hazardous materials/vapours, blanketing LNG spill fires and tank inerting are also perfectly suited to the Excel.

Product Code	Inlet	Inlet Pressure Bar	Water Flow LPM	Foam Usage LPM	%	Foam Expansion	Foam Production m ³ /Min
FEP301028	2" BSP Male	5	249	4.9	2	540	130
		6	275	5.4	2	560	154
		7	296	5.8	2	565	167
XFDME1019	30 metres Clear Polythene Ducting						

SPECIFICATION

Construction	
Length	300mm
Width	600mm
Height	640mm
Weight	30kg
Body	316 Stainless Steel
Pipework	316 Stainless Steel
Turbine	LG2 Gunmetal
Nozzle	LB4 Bronze
Outlet	2½" BSP Male
Net (supplied as standard)	Nylon
Fixed Net (optional extra)	316 Stainless Steel
Inlet	2" BSP Male (Alternative Inlets Available)
Standard Model	Requires a Z225 In-Line Inductor
Smoke Extraction	Compact is available with 7.5m length of red reinforced Smoke Ducting
Polythene Foam Ducting	30m of clear Polythene Ducting (Optional Extra)



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