

foam generation - fomax 7



Fomax 7 Hi-Ex Foam Generator

Fomax 7 is powered by a water turbine. All that is required for operation is a supply of synthetic foam compound, such as Macron Highex, and a water supply. This enables large volumes of high expansion foam to be produced - expanded 1000 times or more to achieve rapid extinguishing with minimal water damage.

With its damage protected recessed controls and solid rubber, rot-proof feet, the unit is ruggedly yet practically designed for ease of use and stowage.

Fomax 7 is ideally suited for all total flood applications such as warehouses, ship holds, engine rooms, machinery spaces, electric cable ducting, chemical processing and refining plants and mines. Also effective for specialist applications such as blanketing LNG spill fires, controlling vapour release from toxic or flammable liquid spills and the inerting of tanks.

Special units exist for use in fixed systems, smoke extraction applications.



features

- ▶ Variable expansion
- ▶ Output up to 204m³/min
- ▶ Automatic pressure control
- ▶ Built-in by-pass system
- ▶ Compact unit with recessed controls
- ▶ Easily portable (wheeled model also available)
- ▶ Smoke extractor options



Fomax 7 foam generator



Fomax 7 as smoke extractor (smoke extractor model)

Technical Data

Construction	Yellow glass fibre casing, corrosion resistant pipework and fittings and maintenance free turbine		
By-pass system	Water by-pass system fitted allowing performance to be maintained when working with high back pressures. Unit is capable of ducting foam to minimum height of 15 metres or into equivalent back pressures. By controlling the inlet pressure and the by-pass, the foam properties can be varied to suit operational circumstances.		
Fan speed regulator	The fitted automatic pressure control regulates the fan speed and prevents over running of the turbine.		
Operation	Simply connect the supply hose to the water inlet and insert the foam pick-up tube in a foam compound container. By-pass water is led to waste through a hose length connected to the outlet coupling.		
Expendable ducting	The generator is designed to use expendable tubing for ducting foam. A 30m length is supplied. Attaching the tubing is a simple, quick operation.		
Smoke extractor version	This dual purpose model can be used to extract smoke at the rate of 285m ³ /min at 7 bar. A 7.5m length of smoke extraction ducting is supplied with the unit for simple connection with a quick release strap.		
Wheeled version	This version allows for easy one man transportation. Two wheels are permanently fixed to one end of the body and a handle on the other. The wheels lock back off the ground when in use for complete unit stability.		
Dimensions and weight	Smaller and lighter than similar equivalent units: Width: 870mm Height: 880mm Depth: 470mm Weight: 49kg Shipping carton: 970 x 1000 x 600mm Gross weight: 70kg		

Typical Performance Figures

By-pass control	Water pressure	Total water flow	By-pass flow	Flow to nozzles	Foam production	Foam expansion
		lpm	lpm	lpm	m ³ /min	
Open	4	170	50	120	96	800
	7	225	80	145	159	1100
	10	270	100	170	204	1200
Closed	4	150	nil	150	82	550
	7	200	nil	200	140	700
	10	240	nil	240	192	800

Performance may be subject to slight variation with changes in temperature

