

## 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 agent, and a pressurised water supply (4 bar minimum). This enables large volumes of high expansion foam to be produced - expanded 1,000 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.

The Fomax 7 SE version is a portable smoke extraction unit powered by the water turbine and is suitable for smoke extraction in hazardous areas that need an intrinsically safe operation.

### Operation

Simply connect the supply hose to the water inlet and insert the foam pick-up tube in a foam agent container. By-pass water is led to waste through a hose length connected to the outlet coupling. The Water by-pass system allows performance to be maintained when working with high back pressures. The unit is capable of ducting foam to minimum height of 15m or equivalent back pressures.

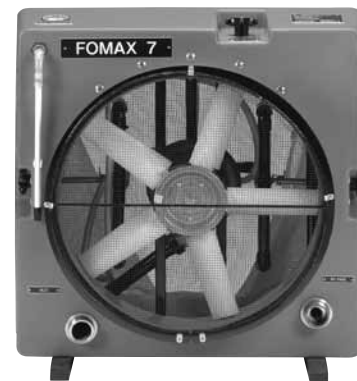
By controlling the inlet pressure and the by-pass, the foam properties can be varied to suit operational circumstances.

A 30m roll of polythene tube is supplied with the unit allowing foam to be easily directed to the seat of the fire, attachment to the Fomax Unit is a fast simple operation.

The Smoke extractor version is supplied with a 7.5m length of expandable smoke extraction trunking with a quick release strap for simple connection. The wheeled version allows for easy one man transportation. The wheels lock back off the ground when in use for complete unit stability.

### Product Features

- Variable expansion
- Output up to 204 m<sup>3</sup>/min
- Built-in by-pass system
- Compact unit with recessed controls and handles
- Smoke extractor options
- Easily portable (wheeled model also available)
- Intrinsically safe operation for hazardous area use



### Order Information

Part No.	Description
■ 105402207	FOMAX 7 Standard HiEx foam generator c/w foam making net and 30 mtr of polythene foam ducting 2" BSP Male connection
■ 105402214	FOMAX 7 Standard HiEx foam generator c/w foam making net and 30 mtr of polythene foam ducting. 2.5" BSS336 Inst couplings in LA"
■ 105402305	FOMAX 7 HiEx foam generator & smoke extractor c/w foam making net and 30 mtr of polythene foam ducting and 7.5 mtr smoke trunking 2" BSP connection"
■ 105402312	FOMAX 7 HiEx foam generator & smoke extractor c/w foam making net and 30 mtr of polythene foam ducting and 7.5 mtr smoke trunking 2.5" BSS336 inst. couplings in LA
■ 105402221	FOMAX 7 wheel assembly, extra cost
■ 105401107	MINI-FOMAX-SI HiEx foam generator c/w self inducing foam facility and foam making net, 30 mtr polythene foam ducting. 2" male BSP connection
■ 105401114	MINI-FOMAX-SI-SE HiEx foam generator and smoke extraction unit. All with self inducing foam facility. C/W 7.5 mtr blue smoke extraction ducting. 2" male BSP connection



Fomax 7 Foam Generator



Fomax 7 as smoke extractor (smoke extractor model)

## Dimensions and Weight

Description	Width mm	Height mm	Depth mm	Weight kg	Construction
■ FOMAX 7 Hi-Ex Generator Standard	870	880	470	47.5	High impact durable polyethylene casing. Corrosion resistant pipe work, fittings and maintenance free turbine.
■ FOMAX 7 Hi-Ex Generator Smoke Extraction version	870	880	470	49.5	

## Typical Performance Figures

By-pass control	Water Pressure	Total water flow l/min	By-pass flow l/min	Flow to nozzles l/min	Foam production m <sup>3</sup> /min	Foam expansion
■ Open	4	170	50	120	96	800
■ Open	7	225	80	145	159	1100
■ Open	10	270	100	170	204	1200
■ Closed	4	150	nil	150	82	550
■ Closed	7	200	nil	200	140	770
■ Closed	10	240	nil	240	192	800

This dual purpose model can be used to extract smoke at the rate of 285m<sup>3</sup>/min at 7 bar  
Performance may be subject to slight variation with changes in temperature