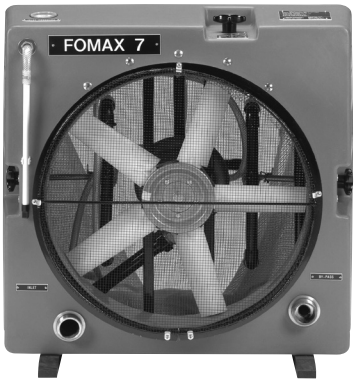
Foam Generation
Fomax 7



General Description

Fomax 7 is powered by a water turbine. It requires a supply of synthetic foam agent and a pressurized water supply of a minimum of 4 bar. This enables large volumes of high-expansion foam to be produced, expanded 1,000 times or more to achieve rapid suppression with minimal water damage.

With its damage protected recessed controls and solid rubber, rotproof feet, the unit is ruggedly and 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. It is 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

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 a minimum height of 15 m or equivalent back pressures.

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

A 30 m roll of polythene tube is supplied with the unit so foam can be easily directed to the seat of the fire. Attaching the tube to the Fomax unit is a fast and simple operation.

The smoke extractor version is supplied with a 7.5 m 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.

Features

- Variable expansion
- Output up to 204 cmm (cubic metres per minute)
- Built-in by-pass system
- Built-in foam aspiration device with pick up tube
- Compact unit with recessed controls and handles
- Smoke extractor options
- Easily portable (wheeled model also available)
- Intrinsically safe operation for hazardous area use

Ordering Information

Part Number	Description
105402207	FOMAX 7 Standard Hi-Ex foam generator c/w foam making net and 30 m of polythene foam ducting. 2 in. BSP male connection
105402214	FOMAX 7 Standard Hi-Ex foam generator c/w foam making net and 30 m of polythene foam ducting. 2 1/2 in. BSS336 instantaneous couplings in LA
105402305	FOMAX 7 Hi-Ex foam generator and smoke extractor c/w foam making net and 30 m of polythene foam ducting and 7.5 m smoke trunking. 2 in. BSP connection
105402312	FOMAX 7 Hi-Ex foam generator and smoke extractor c/w foam making net and 30 m of polythene foam ducting and 7.5 m smoke trunking. 2 1/2 in. BSS336 instantaneous couplings in LA
105402221	FOMAX 7 wheel assembly (additional cost)

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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 pipework, 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 bar	Total water flow Lpm	By-pass flow Lpm	Flow to nozzles Lpm	Foam production cmm	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 285 cmm at 7 bar.

Performance may be subject to slight variation with changes in temperature.