

# JET-X-PFG-7 Portable High-Expansion Foam Generator

## JET-X-PFG-7 Features

- Portable and lightweight
- Variable expansion with built in bypass control
- Foam capacities up to 7200 CFM (204 CMM)
- Compact unit with recessed controls
- Durable solid rubber feet
- Water powered, no electrical power requirements
- Internal eductor with pick-up tube for foam pail

## Application

Depending on the type of hazard and its configuration, a portable foam generator may be used for total flooding (discharging foam into an enclosed space around the hazard) or local application (discharging foam directly onto the fire or spill). Water damage is minimized using high-expansion foam. Common applications include:

- Warehouses
- Ship holds
- Engine rooms
- Machinery spaces
- Electric cable ducting
- Mining
- Communications switching rooms
- Basements, cellars and enclosed spaces
- LNG spill fires and vapor suppression
- Smoke extraction (with optional smoke extraction ducting)

## Construction

High impact polyethylene casing, corrosion-resistant pipework and fittings, with a maintenance-free turbine.

## Typical Performance

By-Pass Control	Water Pressure psi (bar)	Water Flow gpm (Lpm)	By-Pass Flow gpm (Lpm)	Flow to Nozzles gpm (Lpm)	Foam Output CFM (CMM)	Foam Expansion
Open	58.0 (4)	45 (170)	13 (50)	32 (120)	3400 (96)	800
Open	101.5 (7)	60 (225)	21 (80)	39 (145)	5600 (159)	1000
Open	145.0 (10)	71 (270)	26 (100)	45 (170)	7200 (204)	1200
Closed	58.0 (4)	40 (150)	Nil	40 (150)	2900 (82)	550
Closed	101.5 (7)	53 (200)	Nil	53 (200)	5000 (140)	700
Closed	145.0 (10)	63 (240)	Nil	63 (240)	6800 (192)	80



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## Dimensions

- Width: 34.25 in. (870 mm)
- Height: 34.75 in. (883 mm)
- Depth: 18.5 in. (470 mm)
- Weight: 109.0 lb (49.4 kg)

## Operation

Position the unit, connect the water supply hose to the water inlet and insert pick-up tube into the foam concentrate container. If using the by-pass, attach hose to run bypass water to drain. When open, the by-pass system diverts a portion of the inlet water to drain allowing for higher expansion and dryer foam (800-1200:1 expansion) to allow ducting to 50 ft (15.2 m). Closing the by-pass control utilizes all the water entering the generator and produces wetter foam (550-800:1 expansion). The generator is supplied with 100 ft (30.5 m) of expandable polyethylene ducting. The optional foam extractor version, equipped with a 25 ft (7.6 m) smoke extraction duct, can also extract smoke at the rate of 10,000 CFM (285 CMM) at 100 psi (7 bar).

## Ordering Information

Part Number	Description	Length		Shipping Weight	
		in.	(cm)	lb	(kg)
430837	JET-X-PFG-7	34.25	(87.0)	155	(70.3)
471803	Extra length of poly ducting for PFG-7 Generator				

**Note:** The converted values in this document are provided for dimensional reference only and do not reflect an actual measurement.

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