

# Application Devices

## WHG-75 Water Powered High Expansion Foam Generator

---



### Description

The ORION WHG-75 water powered high expansion foam generator is designed to produce approximately 75 Cubic Meters per minute of high expansion foam. The foam expansion produced by the unit will be approximately 500:1. Actual expansion rates will depend on operating pressures.

The WHG-75 uses an axial flow fan powered by a water turbine to provide air flow for foam expansion.

The WHG-75 has a small outlet flange for connection to additional ducting or directly to the risk. The generator housing is steel painted for corrosion protection. The air intake is fitted with a wire mesh screen for safety.

The WHG-75 has a 40mm BSP female inlet connection for foam solution supply.

---

### ORION SAFETY INDUSTRIES PTY LIMITED

ABN 80 002 538 696

26A LYN PARADE PRESTONS NSW 2170 AUSTRALIA

Tel (61) 2 9426 7900 FAX (61) 2 8783 5400

Visit our Website [www.orionsafety.com.au](http://www.orionsafety.com.au) Email: [sales@orionsafety.com.au](mailto:sales@orionsafety.com.au)

The WHG-75 can be supplied with an ORION HPR-20 line proportioner that is matched to provide 220 LPM at 1000 kPa. The water supply to the line proportioner must be a minimum of 600 kPa and 800 kPa or higher is recommended.

ORION Hitron high expansion foam is the recommended foam concentrate for use with our foam generators.

The WHG-75 pictured is assembled with a stainless steel bladder tank and deluge valve on a skid. Balanced pressure proportioning reduces the pressure loss from the water supply and enables the foam generator to work more efficiently.

## Dimensions

Height:	700mm
Width:	640mm
Length:	800mm

## Options

Stainless steel construction (as pictured)  
Anti-static fan blades

---

## ORION SAFETY INDUSTRIES PTY LIMITED

ABN 80 002 538 696

26A LYN PARADE PRESTONS NSW 2170 AUSTRALIA

Tel (61) 2 9426 7900 FAX (61) 2 8783 5400

Visit our Website [www.orionsafety.com.au](http://www.orionsafety.com.au) Email: [sales@orionsafety.com.au](mailto:sales@orionsafety.com.au)