



### UL Listed high expansion foam products

High expansion foam systems are designed to distribute a foam-water solution to specific hazards such as ordinary combustibles or hydrocarbon ignitable liquids within a protected facility, such as aircraft hangars. The type and potential size of the hazard determines the number of discharge devices, amount of foam concentrate, and foam-water discharge rate and duration.

Viking's high expansion foam generators are uniquely designed to aerate foam with no moving parts or external power requirements. The expanded foam forms a stable blanket that suppresses the release of flammable vapors and cools down the fuel surface extinguishing the fire and preventing re-ignition. The stable bubbles feature expansion rates up to 595:1- 837.

*Features and advantages of High Expansion Foam Systems include:*

- A single high expansion foam generator weighs just 153 lbs
- The generators are available for vertical or horizontal installation with single or paired mounting options
- Features a stainless steel body and a painted stainless steel nozzle manifold

For more information, please contact your Viking sales representative or visit our website at [vikinggroupinc.com](http://vikinggroupinc.com).

General reference only. Prior to the design, layout, and/or installation of any system, please refer to Viking's technical documentation and consult with the AHJ.



Trusted above all.™

#### TECHNICAL SPECIFICATIONS

##### System Components:



**Atmospheric Tanks:**  
Available in a multitude of variations



**Foam Bladder Tanks:**  
5 - 4,000 USG Vertical  
50 - 5,250 USG Horizontal  
175 psi & 232 psi versions



**Proportioning Devices:**  
2" to 8" Ratio Controller  
3" to 8" ILBP



**Foam Concentrates:**  
xMax 3%



**Discharge Devices:**  
High Expansion Foam Generators

**Listings/Approvals\*:** UL Listed (UL 162)

\* For all applicable approvals, please refer to the technical documentation or contact your local Viking SupplyNet.

#### DIGITAL TOOLS



Easily calculate your high expansion fluorine free foam options with the HiEx Foam Estimator. Check it out by scanning the QR code or visiting [hiex.vikingcorp.com](http://hiex.vikingcorp.com).

VKG-3000

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