



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 Viking's 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.

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.



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 sales office.

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.