



Simple design. Reassured performance



The VdS Approved High Expansion Generator is intended for use in risks where total volume flooding is required such as aircraft hangars, warehouses, LNG facilities, cable tunnels, underground storage or recycling plants. High expansion foam can be a suitable protection method for ignitable liquids, ordinary combustibles and liquefied natural gas (LNG).

This aspirated type generator uses the velocity of the foam solution flow to draw large amounts of air into the generator and onto a mesh screen along with the foam solution to create highly expanded and stable foam bubbles.

This principle means no outside power requirements and no moving parts thereby eliminating possible failure points and minimising costly maintenance.

Features and advantages of Viking's High Expansion Generator:

- VdS Approved
- No moving parts and no external power requirements
- Foam expansion up to 833:1 (depending on model and supply conditions)
- 3 sizes with 6, 9 or 18 nozzles
- Grooved, flanged or threaded connection
- Suitable for the protection of Class A and Class B commodities according to VdS 2108 and EN13565-2
- Part of a complete foam product line from one trusted source

For more information, please contact your local Viking sales office or refer to the technical documentation.

The contents of this publication are subject to modifications without notice.

Trusted above all.

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SPECIFICATIONS

Models:	GH250-VDS, GH400-VDS, GH800-VDS
Approval:	VdS Approved
Flow Rate:	228 - 764 l/min @ 4 bar
Capacity:	XMAX: 3,486 - 13,814 CFM (98 - 387 CMM) eMax: 3,071 - 9,588 CFM (86 - 268 CMM)
Connection:	GH250-VDS, GH400-VDS: 76 mm grooved & 2-1/2" BSP male thread GH800-VDS: 89 mm grooved & 3" PN16 flange
Material:	Body = Stainless steel Nozzle manifold = Carbon or stainless steel
Finish:	Body = Natural Nozzle manifold = RAL3000
Installation:	Vertical or horizontal
Foam:	Viking 3% XMAX, Viking 3% eMax

CFM = cubic feet per minute
CMM = cubic meter per minute

