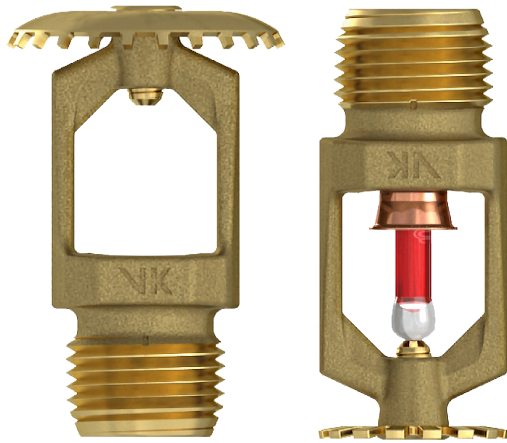




Discharge Devices & Nozzles | Foam Sprinkler / Nozzle |
Non-Aspirated Foam-Water Sprinkler Nozzle



Viking pendent and upright foam-water sprinklers are non-aspirated foam discharge outlets for use in wet, dry, deluge, preaction and refrigerated area applications. Sprinkler applications are especially challenging for any foam due to the very low operating pressure and expansion reached. Applying foam through a sprinkler head is a very forceful application method and requires foam that can handle direct application and partial submersion into the fuel without losing its fire performance and burn-back resistance. Foams that shall be regarded as suitable for sprinkler applications shall also be able to withstand a limited time of water deluge directly onto the foam blanket without losing its burn-back properties. Viking pendent and upright foam-water sprinklers are FM approved and UL Listed in both closed head (with bulb) and open head (bulb removed) configurations.

SPECIFICATIONS	
Related documents	F_091316 (Technical data page)
Approvals	
Design pressure	Maximum 175 psi (12.1 bar)
Operating pressure	Minimum 7 psi (0.5 bar)
Material	Brass
Finish	Natural, chrome, painted
Connection type	Threaded (NPT)
Installation	Upright or pendent
Minimum flow rate	See technical data page
Maximum flow rate	See technical data page
Weight	See technical data page
Options	<ul style="list-style-type: none"> Quick or standard response Different K-Factors Sprinkler colour
<p>Note: Non-aspirated foam-water sprinkler nozzles are UL Listed and/or FM approved as part of a fire extinguishing system combining designated foam concentrates, bladder tanks and proportioning devices. Approved and listed system components can be found at www.approvalguide.com and https://iq.ulprospector.com</p>	

Foam Concentrate Designation	Foam Concentrate Type	Non-aspirated foam sprinkler nozzle availability by fuel group and foam type ¹					
		Hydrocarbon	Heptane	Jet-A1	Acetone	IPA	Ethanol
Viking USP 3% SFFF	SFFF ³	✓ ^{5,6}	✓	✓	n/a ⁴	n/a ⁴	n/a ⁴
Viking ARK 3% SFFF	SFFF-AR ³	n/a ⁶	✓	-	✓	✓	✓
Fomtec AFFF 1% Ultra LT	AFFF ²	✓	✓	-	n/a ⁴	n/a ⁴	n/a ⁴
Fomtec AFFF 3% S	AFFF ²	✓	✓	-	n/a ⁴	n/a ⁴	n/a ⁴
Fomtec AFFF 3% M	AFFF Mil Spec ²	✓	✓	-	n/a ⁴	n/a ⁴	n/a ⁴
Fomtec ARC 3X3 S	AR-AFFF ²	✓	✓	-	✓	✓	-

¹ Please consult technical data page for actual approval listing, sprinkler model/type, installation height and density for specific sprinkler and foam concentrate combination.

² Does not contain any intentionally added PFOS or PFOA

³ Does not contain any intentionally added PFASs

⁴ Foam type is for Non-Miscible (Hydrocarbon) use only

⁵ Hydrocarbon group according to UL only

⁶ FM no longer permit Heptane as a representative hydrocarbon test fuel

PFOS = Perfluorooctane sulfonic acid; PFOA = Perfluorooctanoic acid; PFAS = Per- and polyfluoroalkyl substances

Note: This document contains basic product information only. Information, photos and drawings are not contractually binding. In all cases, the manufacturer's full technical documentation (see "Related Documents" above) remains the reference document. Note that certificates, test reports and approvals may be published in the OEM name. The contents of this publication are subject to modifications without notice. All rights reserved.

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