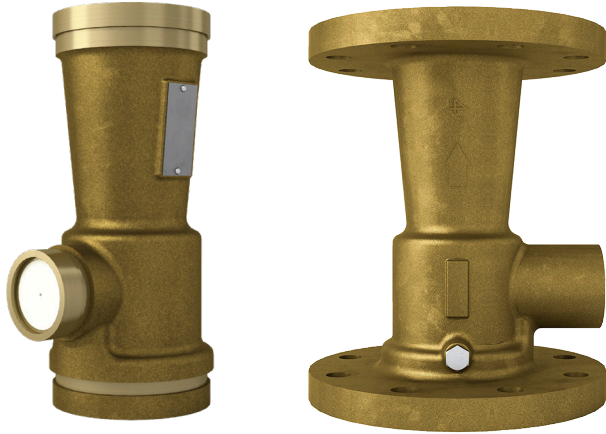








Proportioning Devices | Ratio Controller | VRC Nickel Aluminium Bronze Ratio Controller



The ratio controller accurately proportions foam concentrate into a water stream over a wide range of water flow rates. The controller proportions foam at concentrations of 1% or 3%. Ratio controllers are an integral part of an approved foam system. In addition to the ratio controller, the main components of the approved foam system are specific foam concentrates, a foam storage tank, a concentrate control valve and foam discharge devices.

SPECIFICATIONS	
Related documents	TD1.3.2.1 (Technical data page)
Approvals	   
Design pressure	Maximum 250 psi (17.2 bar)
Operating pressure	30 psi (2.1 bar) to 175 psi (12.1 bar)
Material	Nickel aluminium bronze
Finish	Natural
Connection type	Grooved or flanged
Installation	Horizontal or vertical
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"> <li>• Brass version</li> <li>• 73.0 grooved connection</li> <li>• Pre-assembled to bladder tank</li> </ul>
<p>Note: Ratio controller is FM approved and/or UL listed as part of a fire extinguishing system combining designated foam concentrates, bladder tanks and discharge devices. Approved and listed system components can be found at <a href="http://www.approvalguide.com">www.approvalguide.com</a> and <a href="https://iq.ulprospector.com">https://iq.ulprospector.com</a></p>	

Foam Concentrate Designation	Foam Concentrate Type	Ratio Controller Nominal Size and Connection Type <sup>1,5</sup>											
		2" (50 mm)		2.5" (65 mm)		3" (80 mm)		4" (100 mm)		6" (150 mm)		8" (200 mm)	
		Grooved	Flanged	Grooved <sup>6</sup>	Flanged	Grooved	Flanged	Grooved	Flanged	Grooved <sup>4</sup>	Flanged	Grooved	Flanged
Viking 3% XMAX	High-Expansion <sup>3</sup>	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
Viking USP 3% SFFF	SFFF <sup>3</sup>	✓	-	✓	-	✓	✓	✓	✓	✓	✓	✓	✓
Viking ARK 3% SFFF	SFFF-AR <sup>3</sup>	✓	-	✓	-	✓	✓	✓	✓	✓	✓	✓	✓
Fomtec AFFF 1% Ultra LT	AFFF <sup>2</sup>	✓	-	✓	-	✓	✓	✓	✓	✓	✓	✓	✓
Fomtec AFFF 3% S	AFFF <sup>2</sup>	✓	-	✓	-	✓	✓	✓	✓	✓	✓	✓	✓
Fomtec AFFF 3% M	AFFF Mil Spec <sup>2</sup>	✓	-	✓	-	✓	✓	✓	✓	✓	✓	✓	✓
Fomtec AFFF 6%	AFFF <sup>2</sup>	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
Fomtec ARC 3X3 S	AR-AFFF <sup>2</sup>	✓	-	✓	-	✓	✓	✓	✓	✓	✓	✓	✓
Fomtec FP 3%	Fluoro-Protein <sup>2</sup>	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓

<sup>1</sup> Please consult technical data page for actual approval listing and flow rate information for each proportioner and foam concentrate combination.  
<sup>2</sup> Does not contain any intentionally added PFOS or PFOA  
<sup>3</sup> Does not contain any intentionally added PFAS's  
<sup>4</sup> 165.1 mm and 168.3 mm available  
<sup>5</sup> Flanged version available in PN16 and ANSI pattern in Nickel Aluminium Bronze only  
<sup>6</sup> 76.1 mm and 73.0 mm available

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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