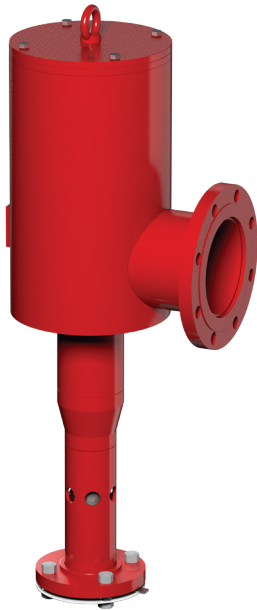






Discharge Devices & Nozzles | Tank Protection | VFC Foam Chamber



Foam chambers are suitable for the protection of fixed roof-mounted tanks and are to be used as low expansion type II discharge devices (as defined by NFPA11) with approved and/or listed foam concentrates and proportioning devices. Foam chambers are designed to apply an expanded foam blanket over the surface of a flammable liquid fire as gently as possible to achieve extinguishment and/or vapor suppression. A deflector positioned on the inside of the storage tank directs the expanded foam back onto the wall of the tank. The foam runs down the wall of the tank onto the liquid surface, minimizing submergence and fuel pick-up thereby maximizing the positive effect of the foam.

SPECIFICATIONS	
Related documents	TD1.3.4.2 (Technical data page)
Approvals	 
Minimum pressure	30 psi (2.1 bar)
Maximum pressure	125 psi (8.6 bar)
Material	Carbon steel or stainless steel
Finish	Flame red RAL3000
Connection type	Flanged
Installation	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>Split or solid deflector (mandatory)</li> <li>Mounting flange (optional)</li> </ul>
<small>Note: Foam chambers are UL Listed as part of a fire extinguishing system combining designated foam concentrates, bladder tanks and proportioning devices. Listed system components can be found at <a href="https://iq.ulprospector.com">https://iq.ulprospector.com</a></small>	

Part number - Carbon steel			Part number - Stainless steel		
ANSI	PN16	Description	ANSI	PN16	Description
F20904	F20905	2-1/2" Foam chamber	F20906	F20907	2-1/2" Foam chamber
F20941	F20943	Split deflector	F20942	F20944	Split deflector
F20937	F20939	Solid deflector	F20938	F20940	Solid deflector
F20919	F20920	4" Mounting flange with studs	F20921	F20922	4" Mounting flange with studs
F21203	F21204	3" Foam chamber	F21205	F21206	3" Foam chamber
F21169	F21171	Split deflector	F21170	F21172	Split deflector
F21157	F21159	Solid deflector	F21158	F21160	Solid deflector
F21181	F21182	6" Mounting flange with studs	F21183	F21184	6" Mounting flange with studs
F21207	F21208	4" Foam chamber	F21209	F21210	4" Foam chamber
F21173	F21175	Split deflector	F21174	F21176	Split deflector
F21161	F21163	Solid deflector	F21162	F21164	Solid deflector
F21185	F21186	8" Mounting flange with studs	F21187	F21188	8" Mounting flange with studs
F21211	F21212	6" Foam chamber	F21213	F21214	6" Foam chamber
F21177	F21179	Split deflector	F21178	F21180	Split deflector
F21165	F21167	Solid deflector	F21166	F21168	Solid deflector
F21189	F21190	10" Mounting flange with studs	F21191	F21192	10" Mounting flange with studs

Note: Please consult technical data page for actual approval, listing, discharge pressure and flow rate information.

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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