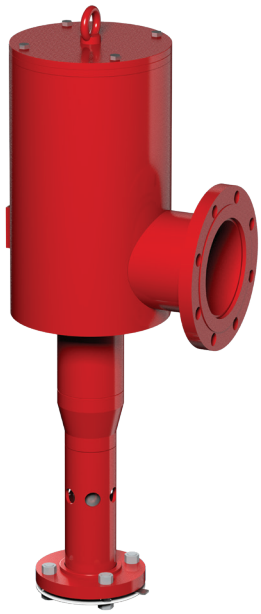
Discharge Devices & Nozzles

Tank Protection | KCS Foam Chamber

SFFF compatible



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.

Related documents	TD2.3.4.2 (Technical data page)
Approvals	UL
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	• Split or solid deflector (mandatory) • Mounting flange (optional)

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 https://iq.ulprospector.com

Part number - Carbon steel			Part number - Stainless steel		
ANSI	**PN16**	**Description**	**ANSI**	**PN16**	**Description**
KCS20904	**KCS20905**	2.5" Foam chamber	**KCS20906**	**KCS20907**	2.5" Foam chamber
KCS20941	**KCS20943**	Split deflector	**KCS20942**	**KCS20944**	Split deflector
KCS20937	**KCS20939**	Solid deflector	**KCS20938**	**KCS20940**	Solid deflector
KCS20919	**KCS20920**	4" Mounting flange with studs	**KCS20921**	**KCS20922**	4" Mounting flange with studs
KCS21203	**KCS21204**	3" Foam chamber	**KCS21205**	**KCS21206**	3" Foam chamber
KCS21169	**KCS21171**	Split deflector	**KCS21170**	**KCS21172**	Split deflector
KCS21157	**KCS21159**	Solid deflector	**KCS21158**	**KCS21160**	Solid deflector
KCS21181	**KCS21182**	6" Mounting flange with studs	**KCS21183**	**KCS21184**	6" Mounting flange with studs
KCS21207	**KCS21208**	4" Foam chamber	**KCS21209**	**KCS21210**	4" Foam chamber
KCS21173	**KCS21175**	Split deflector	**KCS21174**	**KCS21176**	Split deflector
KCS21161	**KCS21163**	Solid deflector	**KCS21162**	**KCS21164**	Solid deflector
KCS21185	**KCS21186**	8" Mounting flange with studs	**KCS21187**	**KCS21188**	8" Mounting flange with studs
KCS21211	**KCS21212**	6" Foam chamber	**KCS21213**	**KCS21214**	6" Foam chamber
KCS21177	**KCS21179**	Split deflector	**KCS21178**	**KCS21180**	Split deflector
KCS21165	**KCS21167**	Solid deflector	**KCS21166**	**KCS21168**	Solid deflector
KCS21189	**KCS21190**	10" Mounting flange with studs	**KCS21191**	**KCS21192**	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.
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