

Defender Tank Protection

Description

The Defender Tank Protection system is an air aspirating foam appliance designed to provide effective full-surface and rim seal fire suppression for storage tanks. A semi or fixed system appliance provides a quicker response time and less manpower than a portable, large volume delivery approach. The Defender requires less flow rate due to lower recommended application densities while exposing fewer personnel to a hazardous situation.

Note: Contact US Fire Pump Sales Department with your tank diameter, type of tank and service for a defender package configured for your tank



Technical Specifications

Rim Seal Application

Tank Diameter	Application	GPM - Water/Foam Required	GPM - Foam Concentrate 1%	Duration in Minutes	Total Foam Concentrate @ 1%
100'	0.10	785	8	5	39
200'	0.12	3770	38	5	188
300'	0.12	8482	85	5	424

Full Surface Application

Tank Diameter	Application	GPM - Water/Foam Required	GPM - Foam Concentrate 1%	Duration in Minutes	Total Foam Concentrate @ 1%
100'	0.10	785	8	65	511
200'	0.12	3770	38	65	2450
300'	0.12	8482	85	65	5513

NFPA Type 3 Application (Over the Top)

Tank Diameter	Application	GPM - Water/Foam Required	GPM - Foam Concentrate 1%	Duration in Minutes	Total Foam Concentrate @ 1%
100'	0.16	1257	13	65	817
200'	0.18	5655	57	65	3676
300'	0.22	15551	156	65	10108

Note: Specifications are for reference only and subject to change without prior notice. Specifications vary depending on configurations and options. Send inquiries to US Fire Pump for details.

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