

Foam Proportioner Model: EFP



Description:

Foam Line Proportional shall be a venturi type-proportioning device designed to inject foam concentrate into the water stream at a controlled rate from 1 % to 10%. As water flows through the venturi (water orifice) at a high velocity, a negative pressure area develops at the discharge of the venturi. This negative pressure creates a pressure differential across the foam concentrate metering orifice, thereby allowing atmospheric pressure to push foam concentrate in to the proportioner at the required percentage.



As the water pressure at the inlet to the proportioner increases or decreases the solution flow from the device will increase or decrease correspondingly. Because the amount of foam concentrate to be injected into the water stream is controlled by the relationship between the negative pressure area and atmospheric pressure the range over which proper injection occurs is limited. The proportioner shall be suitable for use with all foam concentrates.

Line proportioners will be equipped with a metering valve to allow the desired percentage to be field set. The proportioner will be provided with a pickup tube which is used to draw foam concentrate from the portable foam containers.

The foam Proportional apparatus complete delivery hoses One suitable for 50 lps delivery and another suitable for 25 lps delivery operates from the water pump and has discharge regulator.

Features

- No moving parts.
- Minimal maintenance.
- Simple operation.
- Variable metering.

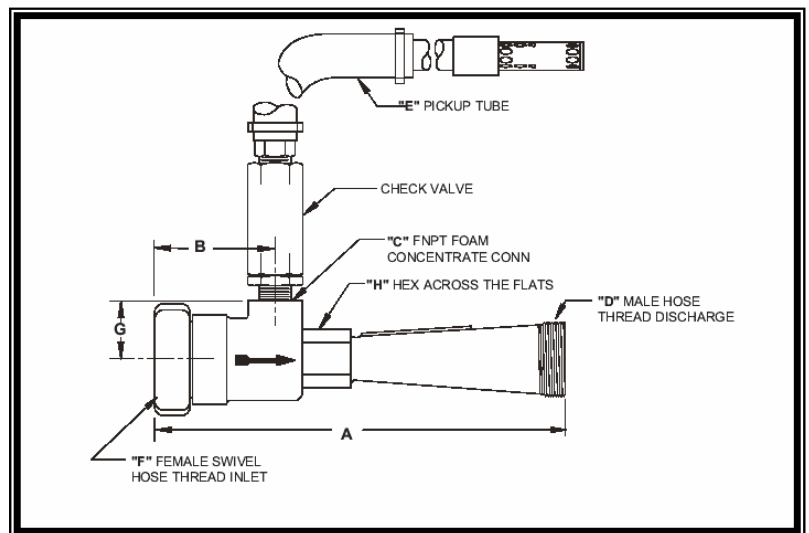
Technical Data

Material:

Body: Aluminum

Finish: Yellow

Working Pressure: 75 PSI to 200 PSI (5.2 Bar to 13.8 Bar).



Manufacturing & design are according to NFPA

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