

*DESCRIPTION*

FireFlex ICAF Nozzle Model TAR 450L is an open type (deluge) non-automatic nozzle specifically designed to be used with the FireFlex ICAF System.

TAR-450L Nozzles are used on local applications where flammable or combustible liquid spills can occur on surfaces other than horizontal and may result in a cascading pool fire. Flammable liquids can be both hydrocarbons and polar solvents. The specific hazard configuration will therefore be designed to provide a specific CAF discharge over the protected surfaces or areas.

Located near and directly aimed at the surface to be protected, the TAR 450L can be used for most Class B fire applications presently using AFFF foam concentrate or water spray systems. During fire conditions the ICAF Nozzle is designed to discharge CAF solution in a 360° radius toward the surface covered.

*Characteristic*

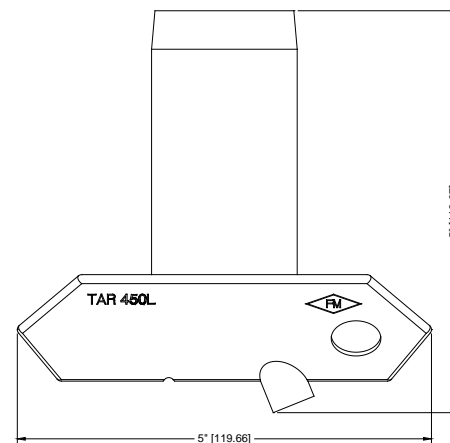
Nominal flow: 11.88 gpm (45 lpm)  
 Nominal expansion: 10:1  
 Connection: 1¼" NPT, Female

*Nozzle materials:*

Base: Stainless Steel 300 series  
 Tee: Stainless Steel 300 series  
 Shaft: Stainless Steel 300 series

*Nozzle spacing and location*

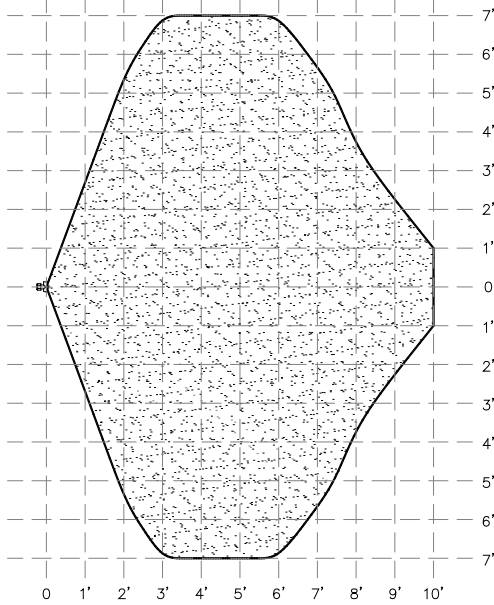
The TAR 450L nozzle spacing shall be based on the spray pattern design principle. Based on the distribution patterns shown on next page, nozzles shall be spaced and aimed so that their spray patterns will cover all surfaces adequately.



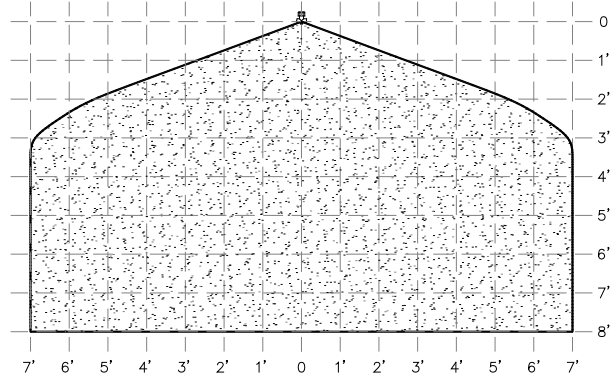
Nozzle dimensions & distribution patterns:



HORIZONTAL DISCHARGE



VERTICAL DISCHARGE



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