

## PROINERT<sup>®</sup> DISCHARGE NOZZLES

### DESCRIPTION

The function of the discharge nozzle in a fire extinguishing system, is to distribute the inert gas in a uniform, predetermined pattern and concentration. The nozzles are designed to complete the discharge of inert gas in 60 seconds, or less, when installed within the design limitations of the ProInert Design, Installation and Maintenance Manual, P/N 06-371 and the ProInert Flow Calculation Program.

Discharge nozzles are available in sizes of 1/2", 3/4", 1", and 1 1/2" (15, 20, 25, and 40 mm), which correspond to the distribution pipe threads feeding the nozzle. Each nozzle has 12 orifices and provides a 360-degree discharge pattern. The nozzle is equipped with a customized orifice plate to provide accurate inert gas flow results. The ProInert Flow Calculation Program specifies the required orifice plate. The orifice size is stamped on the nozzle body.



*Fike Discharge Nozzle*

### SPECIFICATIONS

Thread Type: NPT  
 Material: Nozzle - Brass  
 Orifice Plate - Brass

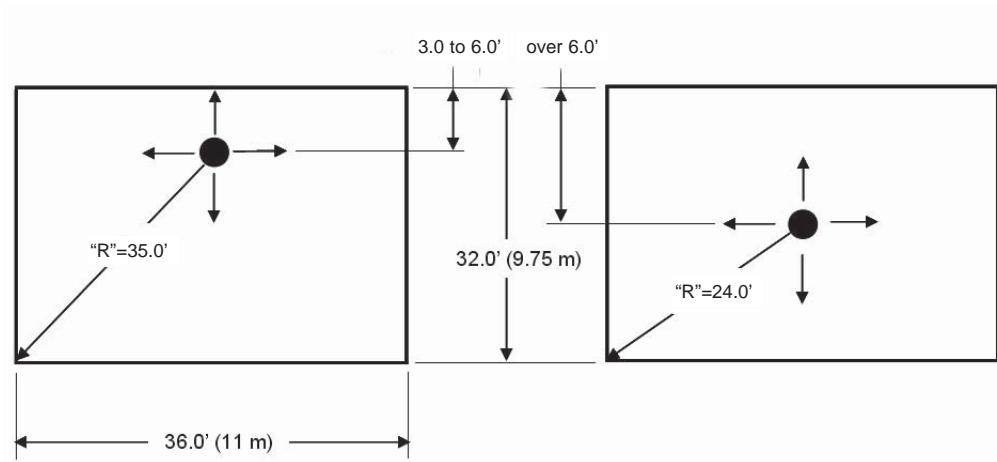
### ORDERING INFORMATION

Fike P/N	Description
IG71-072-xxx	1/2" (15mm) x 360 Degree
IG71-073-xxx	3/4" (20mm) x 360 Degree
IG71-074-xxx	1" (25mm) x 360 Degree
IG71-075-xxx	1 1/2" (40mm) x 360 Degree

### APPROVALS

- U.L.
- F.M.
- U.L.C.

Form No. C.1.50.01-1



Nozzle Area Coverage			
Ceiling Height Range	"X" Dimension	"R" Radius Dimension	Nozzle Pattern
1.0' to 16.0' (0.3 to 5.0 m)	3.0' to 6.0' (0.92 to 1.83 m)	35.0' (10.7 m)	360°
1.0' to 16.0' (0.3 to 5.0 m)	over 6.0' (1.83)	24.0' (7.32 m)	360°



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Form No. C.1.50.01-1 June, 2007 Specifications are subject to change without notice.