PROINERT® DISCHARGE NOZZLES

Data Sheet

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

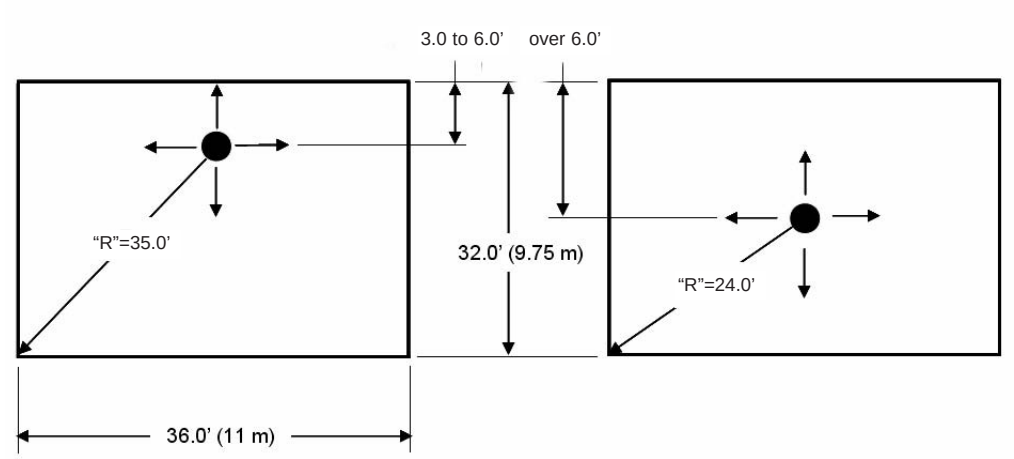
SPECIFICATIONS

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

APPROVALS

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

704 S. 10th Street · P.O. Box 610 · Blue Springs, Missouri 64013-0610 U.S.A. · (816) 229-3405 · (816) 229-4615 · www.fike.com



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°