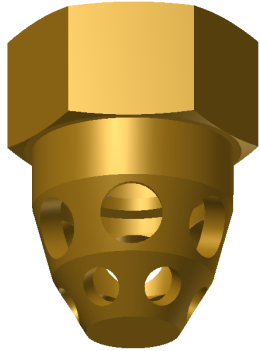


PROINERT®2 DISCHARGE NOZZLES



General

The nozzles are designed to control the agent flow and to distribute the agent throughout the protected enclosure in a uniform, predetermined pattern and concentration. The nozzles are designed to comply with ISO 14520, EN 15004, EN 12094-7 and NFPA 2001 requirements for agent discharge.

The discharge nozzles are made of brass and are available in a 180° and 360° discharge patterns. Each discharge nozzle has an internal orifice plate that controls the flow of the agent through the nozzle. The hole diameter of the orifice plate is determined by performing a hydraulic calculation using the Fike Engineered ProInert Flow Calculation program. Engineered nozzle(s) should not be ordered until the clean agent system pipe network is installed and an "As Built" hydraulic calculation is performed. Orifice plate drilling must be done at the Fike factory, or at a UL listed nozzle drill station.

Approvals

Underwriters Laboratories (UL)
 Underwriters Laboratories of Canada (ULC)
 Factory Mutual (FM)

For exact certification listings, please reference the respective agency web site.

Ordering Information

Part Number	Description
IG71-072-XXX	1/2" (15 mm) 360° nozzle
IG71-073-XXX	3/4" (20 mm) 360° nozzle
IG71-074-XXX	1" (25 mm) 360° nozzle
IG71-215-XXX	1 1/4" (32 mm) 360° nozzle
IG71-075-XXX	1 1/2" (40 mm) 360° nozzle
IG71-214-XXX	2" (50 mm) 360° nozzle
IG71-209-XXX	1/2" (15 mm) 180° nozzle
IG71-210-XXX	3/4" (20 mm) 180° nozzle
IG71-211-XXX	1" (25 mm) 180° nozzle
IG71-216-XXX	1 1/4" (32 mm) 180° nozzle
IG71-212-XXX	1 1/2" (40 mm) 180° nozzle
IG71-213-XXX	2" (50 mm) 180° nozzle

Ordering Format

When placing an order for a ProInert discharge nozzle, you MUST specify the orifice plate hole diameter code in addition to the basic part number for the nozzle needed.

I G 7 1 - X X X - X X X
 A B

A = Basic nozzle part number (e.g. IG71-012-XXX, etc.)

B = Orifice plate hole diameter code (obtained from Engineered Flow Calculation Program)

This document is only intended to be a guideline and is not applicable to all situations. Information is subject to Fike's full disclaimer at <http://www.fike.com/disclaimer>.