PROINERT® 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.

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.
<table>
<thead>
<tr>
<th>Ceiling Height Range</th>
<th>“X” Dimension</th>
<th>“R” Radius Dimension</th>
<th>Nozzle Pattern</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0’ to 16.0’</td>
<td>3.0’ to 6.0’</td>
<td>35.0’ (10.7 m)</td>
<td>360°</td>
</tr>
<tr>
<td>(0.3 to 5.0 m)</td>
<td>(0.92 to 1.83 m)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.0’ to 16.0’</td>
<td>over 6.0’</td>
<td>24.0’ (7.32 m)</td>
<td>360°</td>
</tr>
<tr>
<td>(0.3 to 5.0 m)</td>
<td>(1.83)</td>
<td></td>
<td></td>
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</tbody>
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