Kidde IND™ System
Actuation Delay

P/N 83-100035-001

Effective: July 2013
K-83-037

FEATURES

• Secures to Bottom of XV Control System
• Meets UL 1254 Requirements for Enclosed Paint Booths
• Easy to Service
• Flexible Tubing Parameters
• Actuate up to 20 Dry Chemical Cylinders

• Up to 200 ft. 1/4 inch Copper Tubing
• Rugged Nickel Plated Brass Body
• Dependable Stainless Steel Stem
• UL/ULC Listed for use with all Kidde IND Dry Chemical Cylinders

ACTUATION DELAY ASSEMBLY

Enclosed paint booths require 10 to 20 seconds of actuation delay between detection/actuation and release of the agent cylinders. The Kidde XV Control System Actuation Delay (P/N 83-100035-001) provides an easy and elegant solution for this requirement.

The Actuation Delay attaches directly to the bottom of the XV Control System. It fits within the profile of the XV Control System, protecting it from being damaged by tools and other equipment in the area of protection.

The Actuation Delay is made of rugged nickel plated forged brass with a stainless steel actuation stem. This trouble-free design has only one moving part, ensuring reliable, long-term service.

The Actuation Delay is easy to install. No intermediary hardware is needed. The System Nitrogen Cartridge (P/N 87-120043-001) of the XV Control System feeds directly into the Actuation Delay. After the proper time, the outlet of the Actuation Delay feeds directly into the System Valve Actuators (SVA, P/N 87-120042-001) on the agent cylinders.

The Actuation Delay is designed to complement the XV Control System and agent cylinders, creating a clean, elegant and easy-to-install system.

Figure 1. Actuation Delay Assembly
Figure 2. XV Control System Dimensions with Actuation Delay and Hose

Table 1: Actuation Length Limitations

<table>
<thead>
<tr>
<th>Number of Extinguishing System Cylinders</th>
<th>Max. Total Length Copper Actuation Tubing</th>
<th>Min. Total Length Copper Actuation Tubing</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - 8</td>
<td>200 ft. (60.96 m)</td>
<td>5 ft. (1.52 m)</td>
</tr>
<tr>
<td>9 - 15</td>
<td>160 ft. (48.76 m)</td>
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<tr>
<td>16 - 20</td>
<td>140 ft. (42.67 m)</td>
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