

# Kidde IND™ System Actuation Delay



Effective: July 2013  
K-83-037

P/N 83-100035-001

## 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.

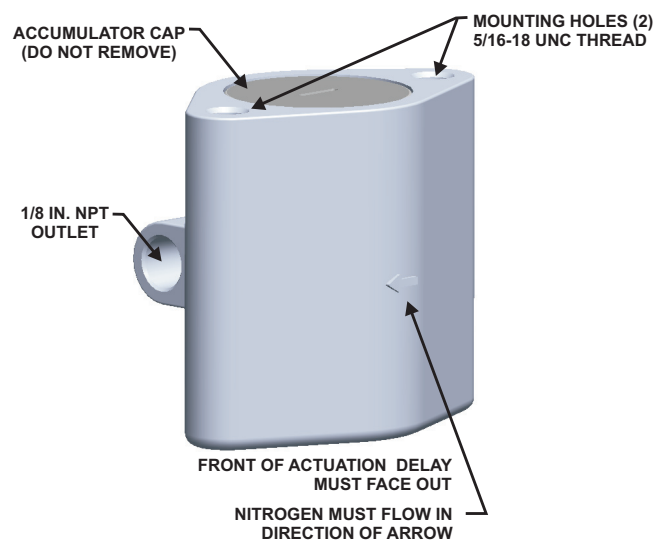
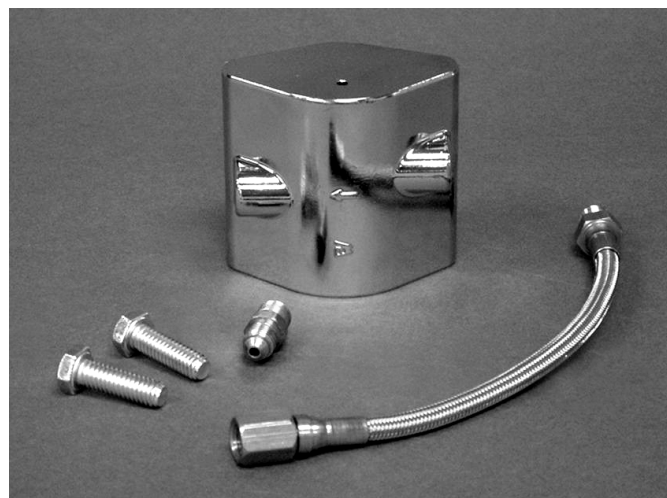
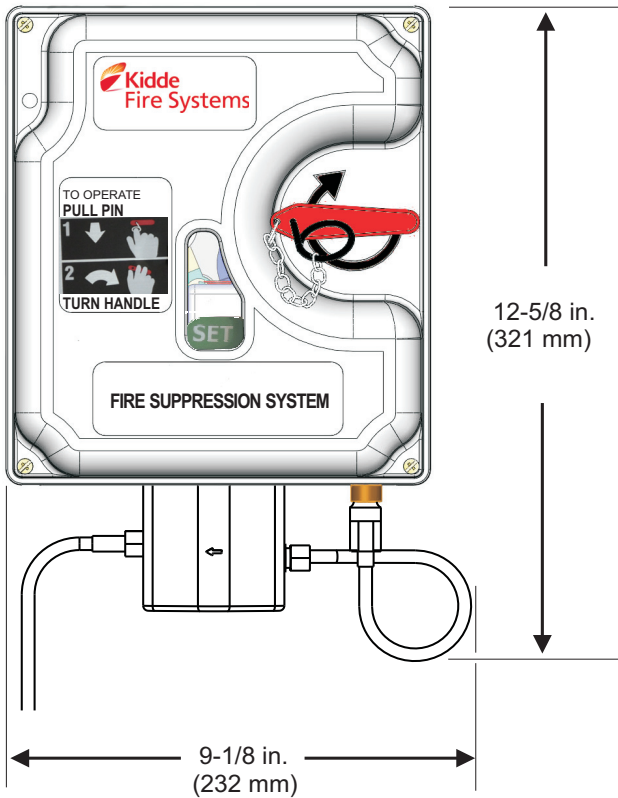


Figure 1. Actuation Delay Assembly

## TECHNICAL DATA

## ORDERING INFORMATION



Part Number	Description
83-100035-001	XV Actuation Delay
87-120045-001	XV Actuation Hose (required, included with Actuation Delay)
87-120099-002	XV Control System
87-120043-001	System Nitrogen Cartridge

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

Table 1: Actuation Length Limitations

Number of Extinguishing System Cylinders	Max. Total Length Copper Actuation Tubing	Min. Total Length Copper Actuation Tubing
1 - 8	200 ft. (60.96 m)	5 ft. (1.52 m)
9 - 15	160 ft. (48.76 m)	
16 - 20	140 ft. (42.67 m)	

Kidde is a registered trademark of Kidde-Fenwal, Inc.  
IND is a trademark of Kidde-Fenwal, Inc.

This literature is provided for informational purposes only. KIDDE-FENWAL, INC. assumes no responsibility for the product's suitability for a particular application. The product must be properly applied to work correctly. If you need more information on this product, or if you have a particular problem or question, contact KIDDE-FENWAL, INC., Ashland, MA 01721. Telephone: (508) 881-2000.



400 Main Street  
Ashland, MA 01721  
Tel.: 508-881-2000  
Fax: 508-881-8920  
[www.kiddefiresystems.com](http://www.kiddefiresystems.com)