

Badger® Industry Guard™ System Actuation Delay



P/N B100035

Effective: December 2013
B-83-037

FEATURES

- *Secures to Bottom of Universal Control Head (UCH)*
- *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 Badger Industry Guard 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 Badger Universal Control Head (UCH) Actuation Delay (P/N B100035) provides an easy and elegant solution for this requirement.

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

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 B120043) of the UCH 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 B120042) on the agent cylinders.

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

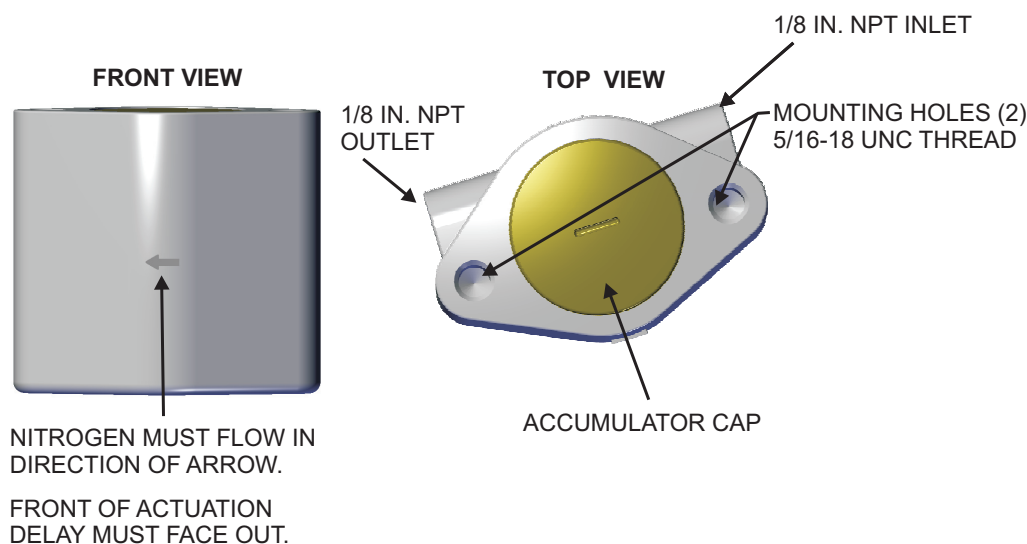
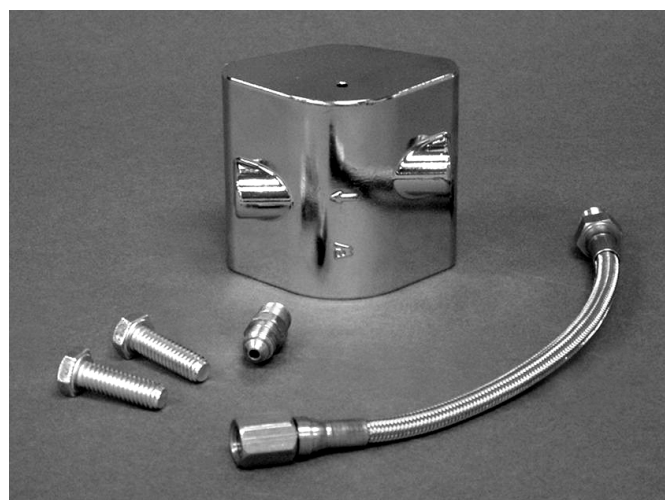


Figure 1. Actuation Delay Assembly

TECHNICAL DATA

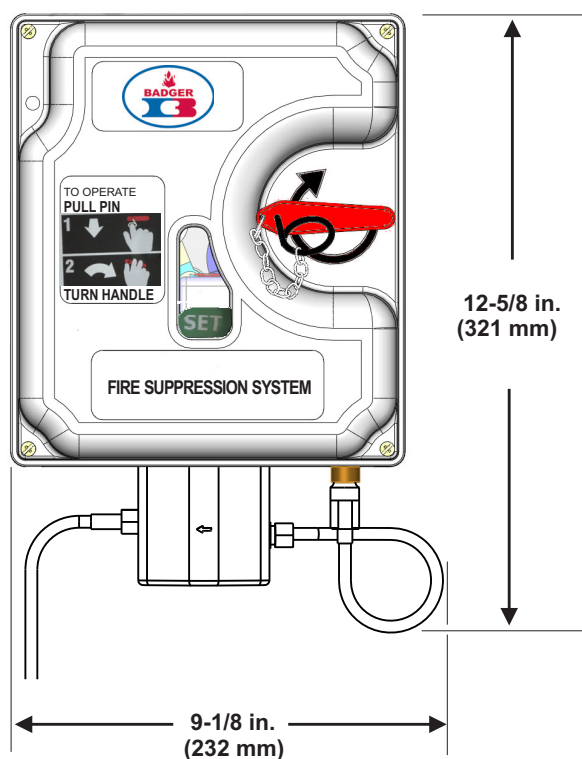


Figure 2. UCH Dimensions with Actuation Delay and Hose

ORDERING INFORMATION

Part Number	Description
83-100035-001	UCH Actuation Delay (B100035)
87-120045-001	UCH Actuation Hose (required, included with Actuation Delay) (B120045)
60-120099-002	Universal Control Head (UCH) (B120099)
87-120043-001	System Nitrogen Cartridge (B120043)

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)	

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