

## Case study:

Fire suppression installed throughout building to comply with city codes

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### Product used:

Automist Smartscan and  
Automist Fixed Wall Head

### Benefactor:

Crispus Attucks

### Area:

York, PA

### Approval:

"Alternative materials, design, and methods of construction and equipment" - Performance based design

### ICC Code:

Section 904.11- "Automatic water mist systems" (2015 Edition)

### Building Type:

Existing IIIB building with mixed Use Group A-3/B

## Protecting Heritage: Goodridge Freedom Centre opens due to retrofit of watermist sprinkler alternative



It is notoriously difficult to carry out fire sprinkler retrofits in heritage buildings. Crispus Attucks were faced with this problem when they were required to install fire protection in the Goodridge Freedom Center. Its walls shelter stories of the lives who hid here for safety and its detailed façade covers the depth of its historical owners' true story, both of which demand to be safeguarded.

Automist can be installed as an alternative to a residential sprinkler system. Installation is neat and economical with the need for significantly less pipework and crucially the system uses 1/10th of the water so the damage to the fabric and contents of the property in the event of a discharge is limited.

Ms Carol Kauffman of Crispus Attucks said "This revolutionary new system can detect fires, locate them, and put them out preventing the destruction that can be caused by fire and water in our historic property. We are proud to be the first in the U.S. to install the Automist System and comforted to know that our visitors' safety is assured and the Goodridge Freedom Center is protected from fire related damage."



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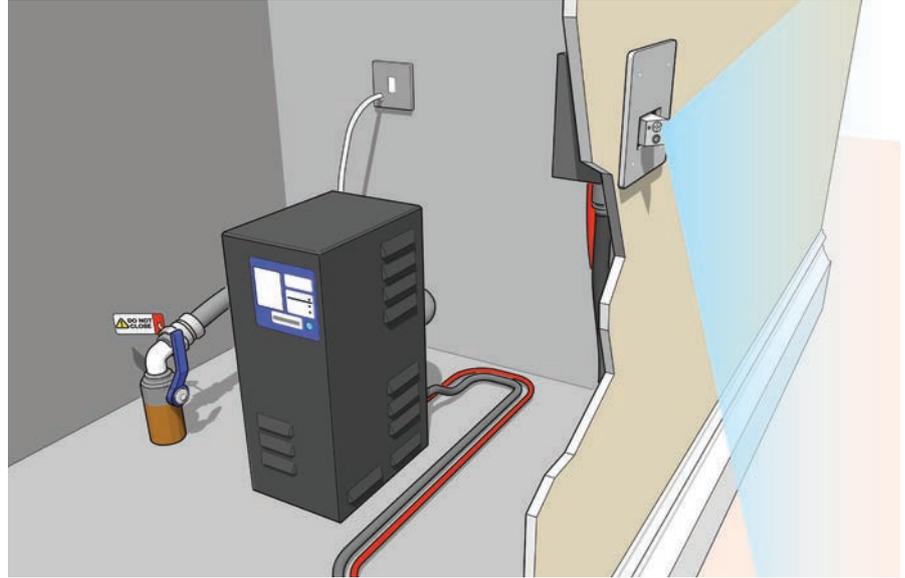
Spray Head



Pump units

## How did Plumis help?

Plumis Automist was used as “Alternative materials, design, and methods of construction and equipment” to provide fire suppression throughout this world class historic asset. The Automist Installer provided a quote based on the floor plans and installed the system as part of the restoration.



## Why Plumis Automist®?

- Tested showed a heat detector will identify a fire incident much earlier than a residential sprinkler head.
- The ability of Smartscan to pinpoint the location of a fire allows virtually all of the suppression water to be applied directly where it is needed.
- Enables building code compliance.
- Testing showed Automist can limit the temperature of the fire room to provide time for occupants to escape and reduce the risk of room contents being damaged by the fire.
- Stylish award-winning design blends discreetly into the interior.



Visit [www.plumis.com](http://www.plumis.com) for technical specifications, to see how Automist works and to find an installer.

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