

Kidde® In-Cabinet™

Agent Distribution Assembly (ADA),
P/N 90-220036-001

 Kidde Fire Systems

Effective: September 2004
K-90-3001

FEATURES

- *UL Listed*
- *Tested Per NFPA 2001*
- *One Size Fits all System Arrangements*
- *Agent Discharge Pattern Designed Specifically for In-Cabinet, Optimizing Agent Distribution*
- *Vaporizes Agent Quickly*
- *Durable Construction; Made of Brass and Copper Tubing*
- *Tested to UL 2166*

DESCRIPTION

Kidde Fire Systems Agent Distribution Assembly (ADA) is Listed by the Underwriters Laboratory, Inc. (UL) and designed specifically for use with the Kidde In-Cabinet/Small Enclosure Systems. Upon activation of the system, the agent is discharged from the cylinder, through the tubing network and to the ADA. The ADA is a type of nozzle that effectively regulates the flow of agent in a controlled manner. By controlling the flow, agent is allowed to freely migrate consistently throughout the hazard being protected. The multiple perforated tubing design approach allows the agent to vaporize quickly and reduces the momentum of that agent as it enters the hazard, ensuring that the equipment will be unharmed during a discharge event.

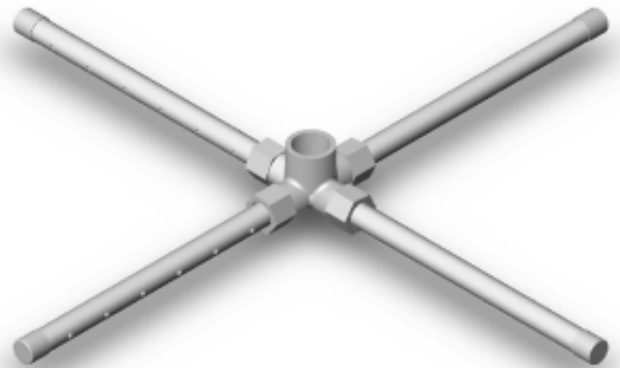
INSTALLATION

Once enough clearance has been provided to accommodate the nozzle assembly, simply mount the agent distribution assembly component to the drop into the enclosure or cabinet. Tape dope or Teflon® tape should be applied to all male threads prior to installation.

Note: Agent distribution assemblies should be located in the enclosure so that the agent path is unobstructed. Special attention to the location of the assemblies should be given to provide enough space between the assembly and the equipment such that the agent is allowed to migrate freely throughout the protected hazard

WARNING

Always ensure that the safety cap is on the cylinder when installing the ADA in place. Never hook up a charged cylinder to the agent distribution network prior to installing the ADA to the distribution system. Failure to comply with this warning could result in injury to personnel or property damage.



MAINTENANCE

1. Inspect agent distribution assembly for dirt and physical damage. Replace damaged assemblies. If assemblies are dirty or clogged clean with rag or soft brush.
2. Examine the discharge orifices for damage or blockage. If assembly appears to be obstructed, unscrew the ADA and clean by immersing it in cleaning solvent. Dry thoroughly with lint free cloth.

WARNING

Distribution tubing should be blown free and clear per NFPA 2001, prior to installation of agent distribution assemblies. Failure to comply with this warning could adversely affect proper FM-200 distribution and concentration within the hazard being protected.

SPECIFICATIONS

- Body fitting: Brass
- Perforated Tubing: Copper
- Approximate Weight: 1.29 lb.* (0.57 kg)

Note: The approximate weight includes the copper tubing, five-way fitting and end caps.

ORDERING INFORMATION

Part Number	Description
90-220036-001	Agent Distribution Assembly for In-Cabinet/Small Enclosure Systems only

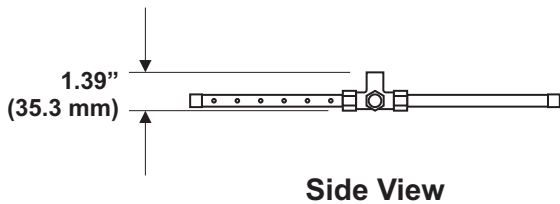
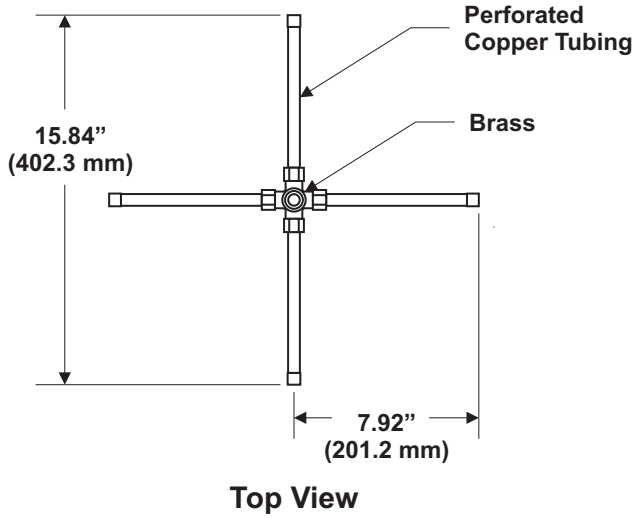


Figure 1. Agent Distribution Assembly (ADA)

Kidde is a registered trademark of Kidde-Fenwal, Inc.
 In-Cabinet is a trademark of Kidde-Fenwal, Inc.
 FM-200 is a registered trademark of Great Lakes Chemical Corporation.
 All other trademarks are property of their respective owners.

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

