Kidde ECS Advanced Delivery
Fire Suppression System
Component Description
1-inch Nitrogen Transfer, High Pressure Hose
P/N 06-118207-00x

FEATURES
- **Flexible Hose with 3/4-inch Swivel Bell Fitting for Easy Installation**
- **Three Sizes:** 14.75-in. Used for 225 lb. ADS; 18.00-in. Used for 395 lb. ADS; and 23.65-in. Used for 675 lb. and 1010 lb. ADS
- **Part Number Stamped on Hose for Easy Identification**
- **UL Listed**
- **FM Approved**
- **RoHS Compliant**

DESCRIPTION
The Kidde ECS ADS Fire Suppression System with FM-200® Agent 1-in. Nitrogen Transfer, High Pressure Hoses are used to provide the interconnection between the grooved nut discharge head on the nitrogen driver and the FM-200® storage container. Made to be flexible, a 3/4-4-in. swivel bell fitting with a hex nut for attachment to the nitrogen discharge Head allows for easy installation. Three sizes are available (P/N 06-118207-00X, see Figure 1), for use with the ADS agent cylinders.

INSTALLATION
The nitrogen transfer hose must always be connected to the agent cylinder and to the discharge head before attaching discharge head to the cylinder valve, in order to prevent injury in the event of inadvertent nitrogen discharge. Failure to follow these instructions could result in death, serious personal injury and/or property damage.

Apply thread tape or pipe dope to the 3/4-in. male NPT thread of the hose. Connect the transfer hose to the 3/4-in. transfer fitting of the actuation kit. Take the other end of the hose and attach the 3/4-in. bell fitting to the grooved-nut discharge head (see Table 1). Make certain that the hose is not kinked. The same installation concept is followed when installing hose P/N 06-118207-003, however, two hoses are required for the 675 lb. and 1010 lb. cylinder systems.

Table 1: Actuation Kit Reference

<table>
<thead>
<tr>
<th>ADS Cylinder</th>
<th>Actuation Kit</th>
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</thead>
<tbody>
<tr>
<td>225 lb.</td>
<td>06-129882-001</td>
</tr>
<tr>
<td>395 lb.</td>
<td>06-129882-001</td>
</tr>
<tr>
<td>675 lb.</td>
<td>06-129985-001</td>
</tr>
<tr>
<td>1010 lb.</td>
<td>06-129985-001</td>
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</tbody>
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MAINTENANCE
**MONTHLY:**
Inspect nitrogen transfer hose for loose fittings, damaged threads, cracks, distortions, cuts and frayed wire braiding. Tighten loose fittings. Replace hoses that have any stripped threads or other damage. Inspect couplings and tees for tightness.

**5 YEAR:**
Flexible hoses must be hydrostatic pressure tested every five years in accordance with requirements in NFPA 12.

SPECIFICATIONS
- **Outer Diameter:** 1.625 inches
- **Inner Diameter:** 1 inch minimum
- **Inner Hose Material:** Buna-N Synthetic Rubber
- **Core of Hose:** Double Wire Braided
- **Outer Hose Material:** Neoprene Synthetic Rubber
- **Temperature Range:** -40°F to 212°F (-40°C to 100°C)
- **Minimum Burst Pressure:** 6,000 PSI (413 bar)
- **Couplings Plated:** Clear Trivalent Chromate
- **Approximate Weight:**
  - 14.75-in. Hose: 1.9 lb. (0.84 kg)
  - 18.00-in. Hose: 2.3 lb. (1.04 kg)
  - 23.65-in. Hose: 2.8 lb. (1.27 kg)
Figure 1. Nitrogen Transfer Hose

**ORDERING INFORMATION**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Dimension “A” Inches</th>
<th>Dimension “A” Millimeters</th>
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</thead>
<tbody>
<tr>
<td>06-118207-002</td>
<td>For use with 225 lb. Cylinder Assembly</td>
<td>14.75</td>
<td>375</td>
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<tr>
<td>06-118207-001</td>
<td>For use with 395 lb. Cylinder Assembly</td>
<td>18.00</td>
<td>457</td>
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<tr>
<td>06-118207-003</td>
<td>For use with 675 lb. and 1010 lb. Cylinder Assembly</td>
<td>23.65</td>
<td>600</td>
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