KNOX FDC PROTECTION PROGRAM
The Knox FDC Protection Program is a complete system that provides protection for both the intake and discharge sides of water based fire protection systems. This high quality system provides fire department control over FDC equipment at no cost to your department. When you register for the FDC Program, Knox Keywrenches are provided to your department at no charge. Building owners in your jurisdiction will be able to purchase Knox FDC Locks along with Knox Standpipe Lock and Knox Storz Lock products. The first shipment of product will be sent after an authorized fire department member has received the Knox Keywrenches.

### Enforce FDC Protection


The codes read as follows:

**2018 NFPA 1, Fire Code | Chapter 13.1.13**

“The AHJ shall have the authority to require locking fire department connection (FDC) plugs or caps on all water-based fire protection systems.”

**2018 International Fire Code | Chapter 912.4.1**

“Locking Fire Department Connection Caps: The fire code official is authorized to require locking caps on fire department connections for water-based fire protection systems where the responding fire department carries appropriate keywrenches for removal.”

**2018 International Building Code | Chapter 912.4.1**

“Locking Fire Department Connection Caps: The fire code official is authorized to require locking caps on fire department connections for water-based fire protection systems where the responding fire department carries appropriate keywrenches for removal.”

**2018 International Fire Code | Chapter 905.11**

“The fire code official is authorized to require locking caps on the outlets on dry standpipe connections standpipes where the responding fire department carries key wrenches for the removal that are compatible with locking FDC connection caps.”

**2018 International Building Code | Chapter 905.11**

“The fire code official is authorized to require locking caps on the outlets on dry standpipe connections standpipes where the responding fire department carries key wrenches for the removal that are compatible with locking FDC connection caps.”

**2018 IEBC | Chapter 10, 1011.2.1**

Where a change in occupancy classification occurs or where there is a change of occupancy within a space where there is a different fire protection system threshold requirement in Chapter 9 of the International Building Code that requires an automatic fire sprinkler system to be provided based on the new occupancy in accordance with Chapter 9 of the International Building Code, such system shall be provided throughout the area where the change of occupancy occurs.

### Protect Sprinkler System Performance

A fire sprinkler system is subject to malfunction and malicious attack when foreign matter enters the system through an unprotected FDC connection. Knox Standpipe Lock and Knox FDC Locks deliver clean FDC lines and undamaged connection threads.

### Protect Water Source Against Theft

Water is a precious commodity. The Knox Standpipe Lock and Knox Storz Lock devices lock the connection to non-approved users providing protection against water theft and the potential introduction of harmful substances into the water system. Since both products hold water pressure, they can safely be installed on hydrants.

### Reducing Theft of Brass Connections

In recent years, communities have seen an increase in stolen copper and brass including siamese brass FDC swivel connections. A stolen FDC connection places a building, its occupants and responders at risk. To combat the theft of FDC swivel connections, Knox has developed the new Knox FDC Lock with Swivel-Guard™ that covers the entire swivel connection and minimizes the potential of the connection being stolen. With Swivel-Guard™, the set screw is inaccessible making it difficult to remove the brass connection.

### Actual Attack Nozzle

A bird nest, 3 birds and a tennis ball entered an unprotected FDC clogging the backup fire line and endangering the lives of primary fire attack crew fighting a large fire inside an apartment building.
## Secure Fire Department Connections

<table>
<thead>
<tr>
<th>Knox FDC Lock</th>
<th>Knox Storz Lock</th>
<th>Knox Standpipe Lock</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Construction</strong></td>
<td><strong>Construction</strong></td>
<td><strong>Construction</strong></td>
</tr>
<tr>
<td>Solid Stainless Steel Construction</td>
<td>Aluminum</td>
<td>Stainless Steel exterior with solid brass connection</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>6 lbs</td>
<td>7 lbs</td>
</tr>
<tr>
<td>2-1/2” = 3 lbs; 1-1/2” = 2 lbs</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Size</strong></td>
<td>4” and 5” sizes</td>
<td>2-1/2” NH</td>
</tr>
<tr>
<td>2-1/2” &amp; 1-1/2” NH</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Finish / Options</strong></td>
<td>Dark, hard anodized aluminum; Kits available with straight or 30° elbow adapters and StorzGuard™ cap</td>
<td>Stainless steel</td>
</tr>
<tr>
<td>Bright stainless steel, standard; Polished chrome-like stainless steel and/or Swivel-Guard™, optional</td>
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</tbody>
</table>

### Sizes and Threads

In addition to National Hose Thread (NH), the Knox Company manufactures additional thread types as requested by fire departments. If your jurisdiction does not use NH (formerly referred to as NST) and you would like to confirm that Knox has your thread pattern in stock, just give your Knox representative a call. For Knox Storz Lock and Knox Standpipe Lock, if additional sizes are required, contact your Knox Representative for availability.

### Knox Keywrenches

Keywrenches are delivered to your department after the FDC registration form has been completed and submitted to Knox. The keywrenches are provided free of charge for your use but they remain the property of the Knox Company. All registered FDC departments are encouraged to request additional Keywrenches for their mutual aid departments. A special contractor registration form is also available if your department wishes to authorize local contractors to obtain Knox Keywrenches.
The Knox FDC Protection Program is:

- Authorized by 2018 International Fire and Building Codes
- Supplies long-term FDC protection against vandalism
- Prevents foreign matter from entering sprinkler systems
- Provides secure protection at no cost to your department
- Authorized by 2018 NFPA 1

Depend on Knox Quality

Knox FDC Locks are part of the Knox Rapid Access System manufactured by the Knox Company. The highest quality materials and workmanship are used in the manufacturing process. For over forty years, Knox has consistently proven that their products are built to last.

ABOUT KNOX COMPANY

Over forty years ago, a unique concept in rapid access for emergency response was born. The KnoxBox®, a high-security key lock box, was designed to provide rapid access for emergency responders to reduce response times and protect property from forced entry.

Today, one revolutionary lock box has grown into a complete system providing rapid access for public safety agencies, industries, military, and property owners across the world. The Knox Company is trusted by over 14,000 fire departments, law enforcement agencies, and governmental entities.