

# Protect Your Fire Department Sprinkler Connections

Install durable, vandal-resistant Knox® Locking Caps and Plugs



# Knox® FDC Protection Program

Fire Department Connections (FDCs) are the access point for firefighters to supplement a building's fire sprinkler system during a fire. The Fire Department's ability to protect your building during a fire is threatened when your building's FDCs are damaged, blocked with debris or missing due to theft. When left unprotected, these openings are prime targets for trash and debris of all kinds. The operation of your fire sprinkler system is threatened when this debris blocks or seriously impedes the water supply or the swivel connection has been stolen. Fire Departments are concerned about open and unprotected FDCs.

## Your Building Could Be at Risk

Open or unprotected FDC connections are prime targets for debris and thread damage and may put your building's fire sprinkler system at risk. The operation of your fire sprinkler system is threatened when this debris blocks or seriously impedes the auxiliary water supply which puts your building at greater risk for fire damage. If these connections are blocked or damaged, they can not be used by the fire department and are of no use in an emergency. If the swivel connection has been stolen for its scrap value, the fire department's hoses will no longer be able to connect to the system, making the connection useless.

## Secure Your Sprinkler System

Secure your sprinkler system by installing a locking Knox FDC product, a durable locking unit that prevents unauthorized FDC cap removal and thread damage. Once the Knox FDC product is secured, the fire department uses a unique Knox Keywrench to unlock the device in an emergency. For areas that are prone to brass theft, the locking Knox FDC plug with **Swivel-Guard™** covers the entire swivel connection making the set screws inaccessible and minimizing the theft of the brass connection.

## Save Time and Money

Replacement of FDC caps is expensive and time consuming. While plastic caps may be inexpensive, they generally must be replaced often. Brass caps may last a little longer but in recent years have proven vulnerable to theft due to their scrap value. Additionally, unprotected connections may need to be flushed each time a cap is found missing to ensure debris hasn't been lodged deep inside that would negatively block the water supply in an emergency. Back-flushing a system is an expensive process. Knox FDC caps and plugs are purchased once and are locked onto the connection and are removed by the fire department in an emergency.



If your FDC connections look like any of these shown above, the effectiveness of your fire sprinkler system has been seriously compromised.



Knox FDC Protection Products fend off cap removal and thread damage, while providing a rapid access solution for your responding fire department in an emergency.



4" StorzGuard

5" StorzGuard

SecureCap  
2.5" Female

2.5" & 1.5" FDC Plugs

Knox Keywrench

# Protect Your Fire Department Connections

## Select the Right Locking FDC Products

The Knox Company offers locking FDC products to protect both the intake and discharge sides of water based fire protection systems.

### Knox FDC Plug



The Knox® FDC Plug is a 2.5" or 1.5" stainless steel male plug available in National Hose (NH) threads (formerly referred to as National Standard Thread – NST). Additional thread sizes available by request. *Knox FDC Plug with Swivel-Guard™ shown in the photo above.*

### SecureCap®



The new SecureCap provides protection for the discharge connection of standpipes and wall hydrants. The 2.5" NH cap is constructed with a stainless steel exterior and solid brass connection threads. Other thread sizes and diameters are available by request.

### StorzGuard™



Locking 4" or 5" Storz caps made of hard-anodized aluminum are also available to protect Storz connections. Requests for additional sizes are welcome. Since StorzGuard and SecureCap are both water-tight caps, they are also suitable for hydrant use.



### The Knox Keywrench

A unique lock, exclusive to the fire service nationwide, secures all Knox FDC products with the use of a Knox Keywrench. Distribution of Keywrenches is controlled by fire departments that authorize the program in their jurisdiction.

### Benefits of the Knox FDC Protection Program

- Protect your fire sprinkler system against vandalism
- Assure clean fire department connection lines
- Reduce sprinkler contractor service calls to flush system
- Lower cap replacement costs with a one-time purchase



Hydrant Secured with  
(2) Knox SecureCaps and  
(1) Knox StorzGuard

## The Knox® FDC Protection Program at Work

1. After the fire department has approved the use of Knox FDC products in their jurisdiction, Knox locking FDC products are purchased by property owners.
2. Once property owner receives the device, the fire department or a local sprinkler contractor (authorized by the fire department) installs the FDC product by locking it into the fire sprinkler connection with a Knox Keywrench.
3. During an emergency, the fire department uses their Knox Keywrench to unlock the caps. The protected lines are clean and the threads and bearings are ready for a fast, smooth connection.
4. After the emergency is over, the fire department locks the cap back into place to protect the lines for future use.



### Depend on Knox Quality

Knox FDC products are part of the Knox Rapid Entry System manufactured by the Knox Company. Only the highest quality materials and workmanship are used in the manufacturing process. For more than thirty years, Knox has proven repeatedly that their products are built to last.

### Help Your Fire Department Protect Your Building

Help the fire department protect your building by purchasing Knox FDC products to guard the integrity of your fire sprinkler system. Your local fire department must approve the use of Knox products in their jurisdiction before ordering.



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