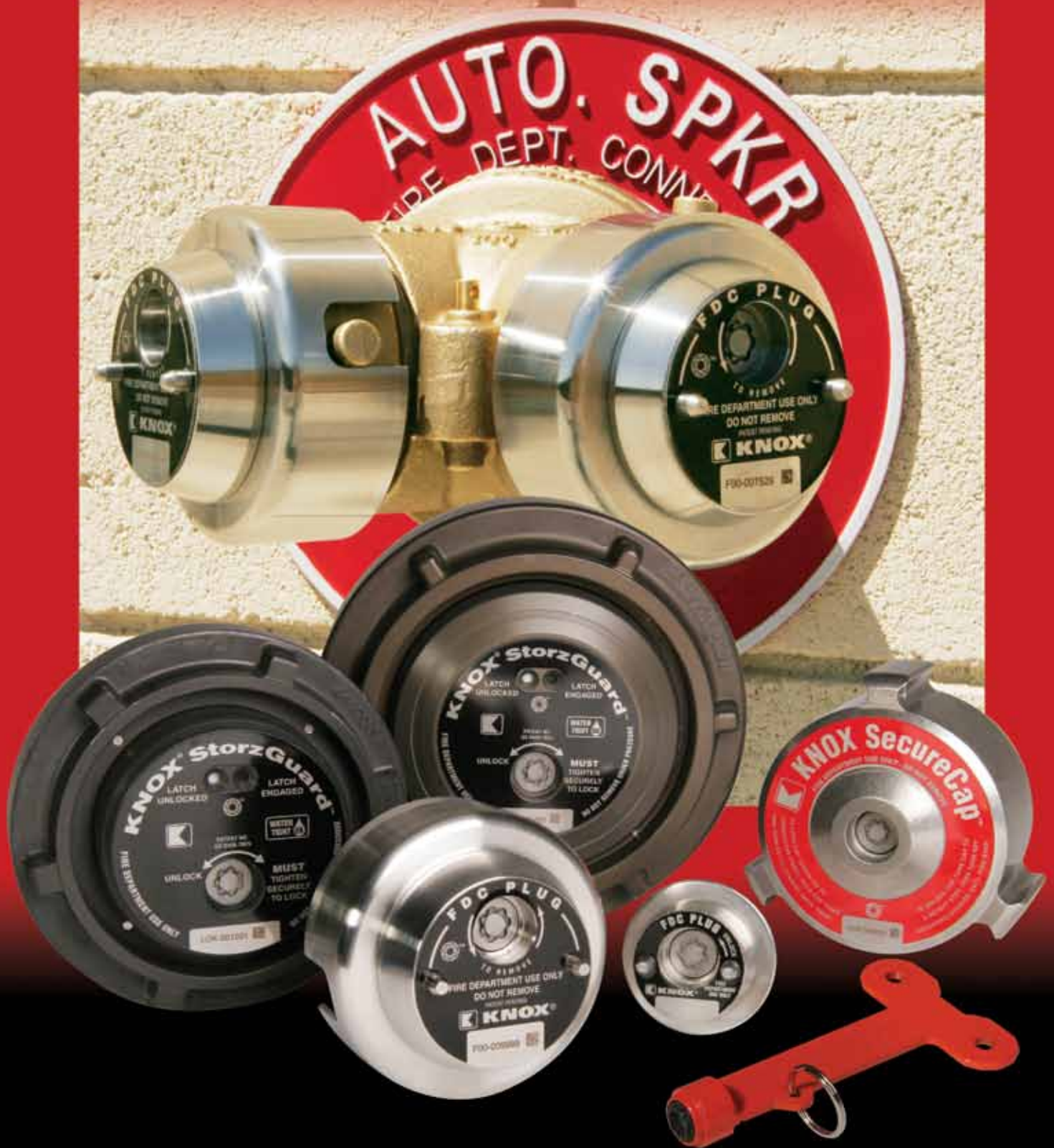


KNOX® FDC Protection Program



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 plugs along with the new SecureCap® and StorzGuard™ products. The first shipment of product will be sent after an authorized fire department member has received the Knox Keywrenches.

Enforce FDC Protection

Language in the 2009 International Fire Code, 2009 International Building Code and 2009 NFPA 1, Fire Code all authorize the installation of locking caps in your jurisdiction. The codes read as follows:

2009 International Fire Code Chapter 912.3.1

2009 International Building Code Chapter 912.3.1

"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."

2009 NFPA 1, Fire Code Chapter 13.1.12

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

Prevent Random Cap Removal

Repetitive FDC cap replacement is aggravating for fire department inspectors and expensive for building owners. Controlling FDC access with long-term Knox caps and plugs addresses both issues. Locking cap and plug removal is quickly and easily accomplished with a Knox Keywrench.

Reduce 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 FDC plug 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.



Knox 2-1/2 inch FDC Plug with Swivel-Guard™

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's locking SecureCap and FDC plugs deliver clean FDC lines and undamaged connection threads.

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.



Protect Water Source Against Theft

Water is a precious commodity. The new Knox SecureCap and StorzGuard 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.

Secure Fire Department Connections

FDC Plugs		StorzGuard™	SecureCap®
			
Construction	Solid Stainless Steel Construction	Aluminum	Stainless Steel exterior with solid brass connection
Weight	2-1/2" = 3 lbs; 1-1/2" = 2lbs	6 lbs	7 lbs
Size	2-1/2" & 1-1/2" NH	4" and 5" sizes	2-1/2" NH
Finish/Options	Bright stainless steel, standard; Polished chrome-like stainless steel and/or Swivel-Guard™, optional	Dark, hard anodized aluminum; Kits available with straight or 30° elbow adapters and StorzGuard™ cap	Stainless steel
			
FDC plug with Swivel-Guard™ locked onto siamese connection		StorzGuard™ securing a hydrant connection	SecureCap® on a parking garage standpipe

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 StorzGuard and SecureCap, 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 2006 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 2009 NFPA 1

Depend on Knox® Quality

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

About the Knox Company

Knox has been manufacturing high security key boxes, key vaults, armored cabinets, key switches, padlocks, master key retention devices and locking FDC plugs and caps since 1975. This proven rapid entry system reduces response time, property damages and the liability for lost keys. More than 10,000 first responders and the communities they serve depend on Knox products and services.



Locking 2 1/2" Plug with Knox Keywrench



Loosening 2 1/2" Plug with Knox Keywrench



Locking 1 1/2" FDC Plug with Knox Keywrench



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