



SECURE FIRE DEPARTMENT CONNECTIONS WITH LOCKING CAPS



Knox FDC Locks® & Knox Storz Locks®
protect critical water systems used by firefighters

SECURE WATER SUPPLIES FROM VANDALISM, DAMAGE, AND DEBRIS

Compromised FDCs hinder response operations and increase potential risks to a structure's occupants and firefighters. Working systems reduce heat, flames, and smoke while giving occupants valuable time to safely evacuate and minimize property damage. When systems fail during a fire outcomes can be devastating.

LOCKED FDCs KEEP SYSTEMS OPERABLE



Uncapped FDCs jeopardize their performance during critical response operations.



FDC Locking Caps protect the connection and keep the system operable when needed by firefighters.



Fire department connections (FDC) are the access points where firefighters get supplemental water. Locking caps provide a strong and steady flow of water.

BENEFITS

- ✓ Reduces risks to building tenants and residents
- ✓ Reduces opportunities for related criminal activities
- ✓ Lowers maintenance and repair costs
- ✓ Ensures ready and reliable connections to fire sprinkler systems
- ✓ Protects and keeps water connections clear of debris, animals, and vandalism
- ✓ Prevents water theft or loss in hydrant applications



5" Diameter
Model #5002



4" Diameter
Model #5001



2.5" Diameter with Swivel-Guard™
Enhanced Protection
Model #3041



2.5" Diameter
Model #3043



1.5" Diameter
Model #3050

FEATURES



Secure locking caps accessible by only authorized personnel



Knox-rugged design withstands all weather conditions



Knox FDC Locks: 2.5" and 1.5" NH sizes
Knox Storz Locks: 4" and 5" sizes

KNOX FDC AND STORZ LOCK APPLICATIONS

- ✓ Fire sprinkler systems
- ✓ Standpipes
- ✓ Fire hydrants

NATIONAL FIRE CODE AHJ REFERENCES

The International Fire Code (IFC), International Building Code (IBC), and National Fire Protection Association (NFPA) have included locking FDC cap verbiage for multiple code cycles:

2021 IFC Chapter 912.4.1¹
2021 IBC Chapter 912.4.1²

"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."

¹Previous IFC editions include: 2018, 2015 (912.4.1), 2012 (912.3.1), 2009, 2006, and 2003

²Previous IBC editions include: 2018, 2015 (912.4.1), 2012 (912.3.1), 2009, and 2006

2021 NFPA 1, Fire Code Chapter 13.1.13³

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

³Previous editions include: 2018, 2015 (13.1.12), 2012, and 2009

// The Knox FDC locking cap is a great prevention measure to address the problem with clogged and damaged FDCs. There has been no pushback from our building owners. They understand the value that the FDC cap provides. //

—Chief Reid, Durham Fire Department

OPTIONS AVAILABLE FOR MULTIPLE APPLICATIONS

Knox FDC products protect both the intake and discharge sides of water-based fire protection systems in both new construction and for retrofitting existing systems.



1 1.5" and 2.5" Knox FDC Lock®

For building fire department connections



3 2.5" Knox Standpipe Lock®

For standpipe systems and hydrants

2 4" and 5" Knox Storz Lock®

Caps and Adapters for Storz connections



ABOUT THE KNOX COMPANY

Since 1975, the Knox Company has successfully developed innovative rapid access solutions for first responders with products that provide fast, safe, and secure entry into commercial, industrial, and residential properties, while minimizing damage and maximizing safety. Today, more than 15,000 fire, EMS, and law enforcement departments/agencies depend on Knox products to gain access into over one million buildings/properties.

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