



# FDC PROTECTION SOLUTIONS



Knox FDC Locks™ & Knox Storz Locks™

# SECURE FIRE PROTECTION SYSTEMS FROM VANDALISM, DAMAGE AND DEBRIS

Fire Department Connections (FDCs) are your building's lifeline to fire prevention. When FDCs are left unsecured, they are vulnerable to damage, debris and vandalism which can constrict the flow of water to fire protection systems such as fire sprinklers and standpipes. Protect these vital fire protection systems with Knox FDC Locks and Storz Locks.

## BUILDING FIRES

**\$14.3 BILLION**  
IN PROPERTY DAMAGE

were caused by fires in 2015

Source: NFPA

## SPRINKLERS MALFUNCTIONING

**7% OF THE 660**  
SPRINKLER SYSTEM FAILURES PER YEAR

is due to system components damaged

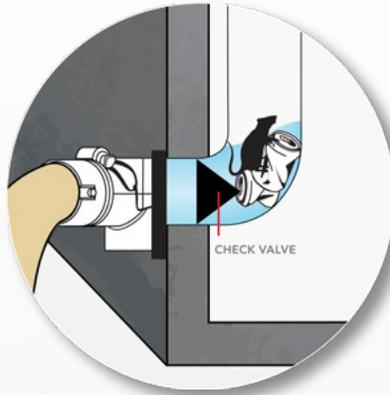
Source: NFPA, 2010-2014

## HOW DO KNOX FDC LOCKS WORK?



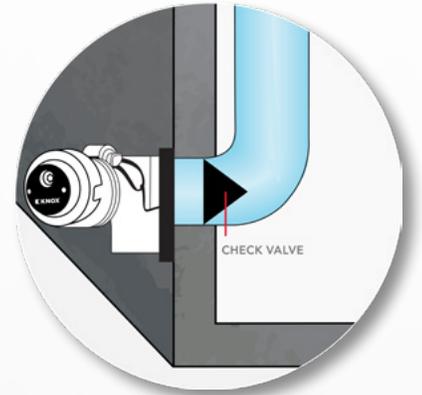
1

In the event of a fire, the Fire Department connects to the Fire Department Connection (FDC) on your building to supplement your sprinkler system.



2

Unprotected Fire Department Connections (FDCs) are vulnerable to debris and nesting animals that clog the pipes and prevent the flow of water.



3

Knox Fire Department Connection (FDC) Locks protect these connections and keep your pipes clean, ensuring the maximum flow of water to your sprinklers.

**// 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

TO LEARN MORE, VISIT:  
**KNOXBOX.COM/FDC-LOCK**

**Built Knox-Rugged**  
Knox products have passed  
UL rigorous security testing.



## BENEFITS

- ✓ Eliminates costly services to back flush the system or replace FDC due to debris or vandalism
- ✓ Protects and keeps water connection clear of debris, animals, and vandalism
- ✓ Ensures ready and reliable connections to fire sprinkler systems
- ✓ Prevents water theft or loss in fire 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 FDC caps accessed by Fire Department personnel



Built Knox-Rugged design to withstand all weather conditions



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

## KNOX FDC AND STORZ LOCK APPLICATIONS

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

## INTERNATIONAL FIRE AND BUILDING CODE

Language in the current International Fire Code (IFC) and International Building Code (IBC) and National Fire Protection Association (NFPA) 1, Fire Code all authorize the installation of locking FDC caps in your jurisdiction:

### 2018 IFC Chapter 912.4.1<sup>1</sup> 2018 IBC Chapter 912.4.1<sup>2</sup>

"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."

<sup>1</sup>Also enacted in 2003, 2006, 2009 and 2012 (Chapter 912.3.1) and 2015 (Chapter 912.4.1) of IFC editions

<sup>2</sup>Also enacted in 2006, 2009 and 2012 (Chapter 912.3.1) and 2015 (Chapter 912.4.1) of IBC editions

### 2018 NFPA 1, Fire Code Chapter 13.1.13<sup>3</sup>

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

<sup>3</sup>Also enacted in 2009, 2012 and 2015 (Chapter 13.1.12)

TO ORDER,

CALL: **1.800.552.5669** OR VISIT: **KNOXBOX.COM**

# WHICH FIRE PROTECTION SYSTEM SECURITY IS RIGHT FOR YOUR BUILDING?

Knox offers FDC products to protect both the intake and discharge sides of water-based fire protection systems—whether your building is new construction or you're looking to retrofit an older system.



## 1 1.5" and 2.5" Knox FDC Locks™

For building fire department connections



## 2 4" and 5" Knox Storz Locks™

Caps and Adapters for Storz connections



## 3 2.5" Knox Standpipe Lock™

For standpipe systems and hydrants



## 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.



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