



# ABOUT FIRE-RATED CABINETS

## JL Industries Offers Two Versions of Fire-Rated Cabinets

**FIRE-FX2™ Series fire-rated cabinets use a lightweight mineral wool insulation.**  
**FIRE-FX® uses gypsum wallboard with a steel tub assembly.**

JL led the industry with the first pre-lined fire-rated cabinet series called Fire-FX in 1991, and introduced the next generation of cabinets - the Fire-FX2 Series in 2015. The Fire-FX2 cabinets weigh an average of 14.75 lbs less per cabinet than the original design introduced in 1991.

Per IBC 2018 Section 714.5.2 - Membrane penetrations shall comply with Section 714.5.1.2, which states, "Through penetrations shall be protected by an approved through-penetration firestop system installed and tested in accordance with ASTM E814 or UL 1479". Those are both standard test methods for fire tests of penetration firestops that are equivalent to each other.

### **FIRE-FX2 fire rated cabinet design is used for the following products:**

JL offers the FX2 design for these trimless, semi-recessed and recessed cabinets. Extinguisher Cabinets (all recessed from trimless to 4-1/2" trim): Ambassador, Academy, Cosmopolitan, Panorama, Clear-Vu, Embassy, Cavalier and Low Profile Orbit. Fire Hose and Valve Cabinets: Crownline Series. AED Cabinets: Lifestart™ and Olympus™ Series.

Features and benefits include:

Lightweight, easier to handle and saves on shipping costs.

Foil-faced insulation is attached directly to the outside of the cabinet.

UL listed and labeled as an approved membrane penetration firestop system for up to 2 hours in accordance with UL 1479 (ASTM-E814) and CAN/ULC-S115, when properly installed in a wall assembly according to installation instructions.

### **FIRE-FX2 Cabinets UL Certificate of Compliance**

To order or specify, add the FX2 Option to the end of the model number. For example, use model "1017F10FX2", if you want an Ambassador "1017F10" with the Fire-FX2 Option.



C1037V10FX2



Detail of FX2 Insulation

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ACTIVAR CONSTRUCTION PRODUCTS GROUP INC.

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CS2013F17



SFC-12



Detail of Double Tub  
with Insulating Gypsum

**FIRE-FX fire-rated cabinet design is used for Security and Detention Cabinets  
as well as the School Series Cabinets**

Features and benefits include:

Fire-FX construction uses gypsum wallboard sandwiched in a double tub design.

Intertek listed and labeled as an approved membrane penetration firestop system for up to 2 hours in accordance with ASTM-E814 when properly installed in a wall assembly according to installation instructions.

For School Series, add the FX option to the end of the model number. For example, use model "CS2015F17FX", if you want a School Series "CS2015F17" with the Fire-FX option.

For Security cabinets, add the FX option to the model number. For example, use model "SFXFC-16xxx", if you want a Security Series "SFC-16xxx" with the Fire-FX option.



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