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® fire-rated cabinets - use gypsum wallboard with a steel tub assembly.



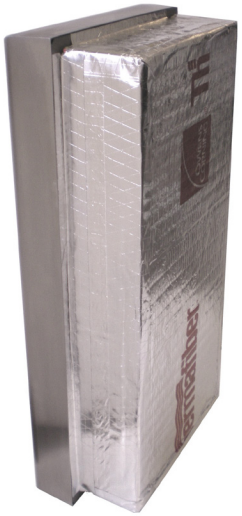
C1037V10FX2

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 approvied 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.



Detail of FX2 Insulation

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, if you want the Fire-FX2 option, use model “1017F10FX2”.

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CS2013F17



CSF1010



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, if you want the Fire-FX2 option, use model “CS2015F17FX”.

For Security cabinets, add the FX option to the model number. For example, if you want the Fire-FX2 option, use model “CSF1010xxxFX”.

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