

100 Years of
FireSafety Curtains



Why take chances?

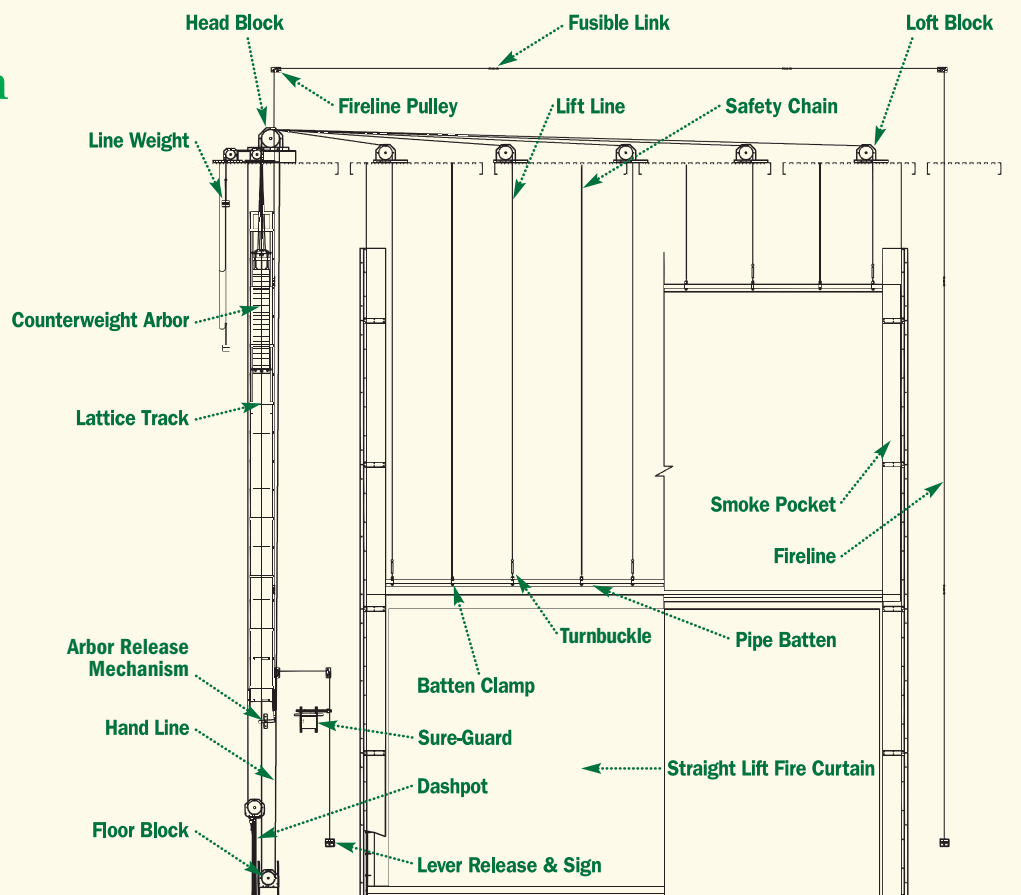
Fire curtains are a key component in your fire safety system. Most building codes require a self closing fire curtain to protect your audience. J.R. Clancy fire curtains are the smart, economical solution for new theaters and upgrades of existing systems.

Fire curtains designed to meet your specific needs

- ▶ **Brail or Straight Lift** – to suit your stage architecture
- ▶ **Manual or Motorized** – all curtains close automatically when tripped; non-emergency operations can be motorized for convenience

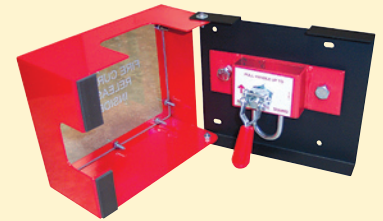
Straight Lift Fire Safety Curtain

The most straightforward design, the Straight Lift Fire Safety Curtain system is used when the available space is more than twice the proscenium height. It uses a counterweight set to balance the weight of the curtain. Larger curtains are motorized.



The superior product choice

- ▶ **Fully Approved**
Exceeds IBC and other nationally recognized fire codes.
- ▶ **Zetex® Protection**
Unique fabric prevents heat, smoke, and fire from reaching audience.
- ▶ **30-Minute Rating**
Significantly exceeds fire code requirements.
- ▶ **Zero-Smoke Rating**
Keeps smoke and fumes to a minimum. Non-carcinogenic.
- ▶ **Easy & Economical**
An affordable installation or upgrade for your auditorium or theatre.



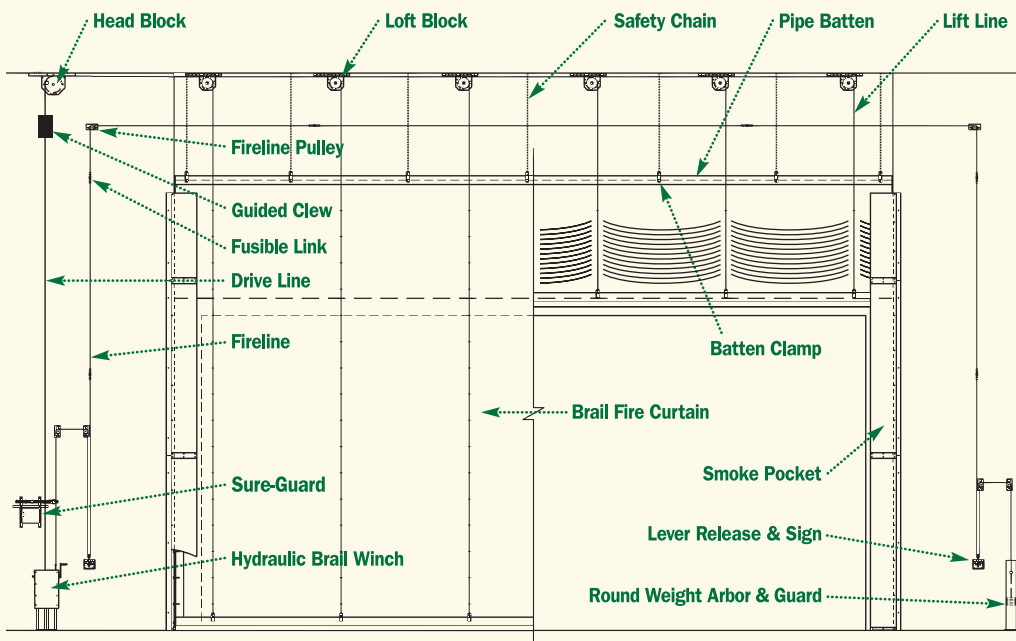
Enclosed releases provide protection against accidental operation



Sure-Guard II™ allows automatic triggering by smoke detectors or rate of rise detectors

Brail Type Fire Safety Curtain

This system is used when the space above the proscenium is as small as half (or even less) the height of the proscenium opening. This type of curtain is not counterweighted, but is operated by a brail fire curtain winch. Both manual and powered winches are available.



J.R. Clancy developed and patented the first automatic self-closing fire curtains in 1904. Today we continue to be the leaders in development of new fire curtain materials and mechanisms to protect your theatre. Contact us for everything from complete turnkey solutions to add-on accessories to meet your fire code and project requirements.

For further information contact J.R. Clancy or your local authorized dealer.



The Best Possible Fire Protection

J.R. Clancy fire curtains are made with made with ZetexPlus fabric, a revolutionary material which prevents the heat, smoke, and flames on the stage from reaching your audience and contain the blaze to minimize damage. The unique proprietary coating enables it to conduct heat radially along the fabric surface rather than through it.

Listed Curtains

Curtains made of ZetexPlus Style 1210ZP material are listed for use as Proscenium Fire Protection Curtains by the State of California Fire Marshal (listing #1674-1164:101) and the NYC Department of Buildings Materials and Equipment Acceptance (MEA 212-08-M).



Wire Insertion

ZetexPlus 1210ZP meets the strength requirements of the IBC **without** requiring wire insertion. Should you have unusual requirements, stainless steel wire can be woven into the fabric as an extra cost option.

Heat Resisting ZetexPlus Borders

Heat resisting borders made from ZetexPlus 800 fabric (26 oz./sq. yd.) are available in natural tan and black. These are used to prevent hot spots due to high temperature theatrical lights from damaging stage curtains. This lighter weight fabric is more flexible and is easier to hang on stage.

Before selecting the fabric and curtain construction details, please consult your local building code officials. For application assistance please call us toll free at 800-836-1885. Specifications and additional information are online at www.jrclancy.com.

Physical Properties of ZetexPlus Fabrics

STYLE	1210ZP	1210ZP W/WIRE
Construction	12 x 7	10 x 8
Weight	40 oz/yd ²	40 oz/yd ²
Thickness	0.070 inches	0.070 inches
Weave	Plain	Plain
Minimum Breaking Strength	Warp	500 lbs/inch
	Fill	425
Flame Spread	5	5
Smoke Density	0	0

Codes & Standards

J.R. Clancy provides fire curtain systems meeting the IBC 2009, NFPA 80 “Standard for Fire Doors and Other Opening Protectives,” and ANSI E1.22 2009 “Entertainment Technology Fire Safety Curtain Systems”.

Partial Record of Test Procedures

UBC No. 42-1, 1991 Edition – “Flame Spread”
(ASTM E84, UL-723, NFPA No. 255)

ASTM D-1682-64 (Grab) – “Tensile Strength”

UBC No. 43-1, 1991 Edition – “Fire Endurance Test”
(CSFM Test Standard 12-43. 1) 60 minutes @ 1700° F

British Standard 3119: 1959 – “Flammability”

British Standard 476: Part 7: 1997 – “Flame Spread”

British Standard 476: Part 22: 1987 – “Fire Resistance”



Design, Manufacture and Installation of Theatrical Equipment Worldwide

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