

# MODEL DSI-H 3HR

## Horizontal Fire Curtain



The DSI Horizontal Fire Curtain Model DSI-H3HR allows architects to compartmentalize large floor openings and reduce or eliminate mechanical smoke evacuation systems. A solution to design challenges of preventing smoke and fire from spreading through the ceiling and atrium voids, stairwells, and skylights.

The DSI Horizontal Fire Curtain consists of a light gauge steel headbox that houses the roller, fabric, and motor within the casing to create a small compact package that remains virtually invisible. The curtain consists of woven fiberglass wire reinforced fabric. During deployment, the slim steel side guides prevent derailment of the fabric during operation ensuring integrity of the system when faced with negative or positive pressures of a fire.

### Compliant with...

Code	Description
UL 10 D	Fire protective Smoke Curtains – 3 hours
ASTM E84	Class A Surface Building Characteristics of Building Materials
UL 10B	Without Hose Stream Test – 20 minutes
UL 10C	Without Hose Stream Test – 20 minutes
UL 864	Control Units for Fire Protective Signaling Systems
BS 5234-2	Fabric Impact Test to double severe duty

## ADVANTAGES:

- Cost effective
- Creates open space for your building design
- Can achieve sizes up to 26 feet wide by 33 feet long
- Saves money by reducing or eliminating smoke evacuation systems
- Code compliant
- 3 hour fire rated
- Battery back-up system standard
- Fail-safe with automatic reset
- Virtually invisible design
- Lightweight, requires little to no structural support
- Multiple mounting options: Above slab mount or under slab mount



### GUARANTEED QUALITY

Door Systems guarantee high quality products, tested to both UL and BS standards.



The SMOKE & FIRE CONTAINMENT People

# MODEL DSI-H 3HR

Horizontal Fire Curtain

## HEADBOX MECHANICS

