



**MANUFACTURING, INC.**

**FIRE DOORS**  
*Model R*



## **SUPERIOR FIRE AND SMOKE ISOLATION WITH NO TENSION LOSS**

R&S Fire Doors provide emergency automatic closing to prevent flames and smoke from spreading during a fire.

They combine the durability, efficiency and space saving advantages of our rolling steel service doors with heavy-duty slats, brackets, and guides that provide added strength to the door construction.

- For doors up to 24'
- Thermally activated by 165° fusible links
- Rated to withstand fire from 1-1/2 hour to 3 hours
- Option to integrate a feature-rich operator for a fully certified automated system; motor preparation only and simple manual operation also available.

## **AVAILABLE FINISHES**

### **Standard**



Slats & Hoods  
*Grey Polyester Primer*



Footpiece, Guides & Brackets  
*Rust Inhibiting Black Primer*

### **Optional**



Slats & Hoods  
*Tan Polyester Primer*



Footpiece, Guides, & Brackets  
*Hot-Dip Galvanizing*

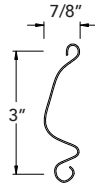


Available on all Exposed Surfaces in a variety of Colors  
*Powder Coat Finish*

## CONSTRUCTION

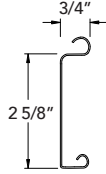
### Standard

Type 30 Large Curved Slat  
24, 22, 20, or 18 Gauge  
Galvanized Steel



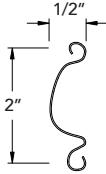
### Standard

Type 25 Large Standard Flat Slat  
24, 22, 20, or 18 Gauge  
Galvanized Steel



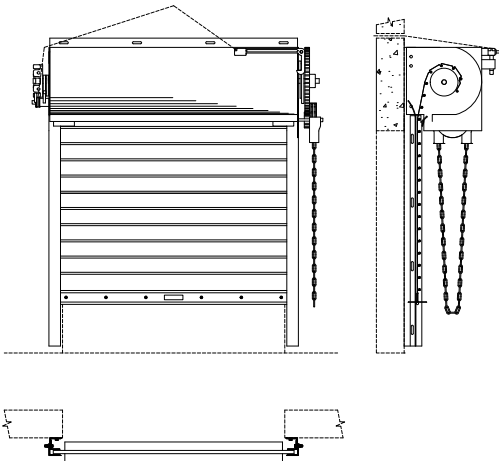
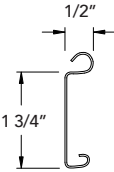
### Optional

Type 20 Small Curved Slat  
22 or 20 Gauge Galvanized Steel



### Optional

Type 17 Small Flat Slat  
22 or 20 Gauge Galvanized Steel  
22 Gauge Stainless Steel



## SPECIFICATIONS

### Warranty

Two years or 20,000 cycles

### Mounting

Face of wall or between-jamb

### Operation

- Standard, 8x8 max: Chain hoist or Motor prep
- Standard, larger sizes: Chain hoist
- Optional: Grifco chain operation motor prep, Awning crank, Crank box

### Automatic Closing

Thermally activated by 165° fusible links, with the closing speed regulated by a governor device operative only during automatic closing.

### Curtain

Galvanized steel slats are 22, 20 or 18 gauge, as required for size, with baked on gray polyester primer standard and stamped steel endlocks.

### Bottom Bar

Double steel angle footpiece with slotted assembly holes and fiber washers allow for expansion to meet listing.

### Guides

Structural steel angles form curtain guides and are bolted to structural steel wall angles. Slotted assembly holes and fiber washers allow for expansion to meet listing.

## OPTIONS

### Perimeter Gasketing

Brush seals factory applied to guides and footpiece, field installed on header, to aid in smoke and draft control.

### Slide Locks

Manual throw slide locks mounted to bottom bar available when non-standard for added security.

### Vision Lites

Single or multiple 4" wide cut-outs, glazed with clear wire glass (1-1/2 hour rating, only for flat slat).

## DOOR LISTING WARNOCK HERSEY

### Hourly Rating

1-1/2 Hour Sheetrock | 3 Hour Masonry

### Wall Construction

Drywall or Masonry

### Jamb Type

16 ga. (min) Steel Stud | Steel Tube, Wood Stud | Concrete, Block Brick

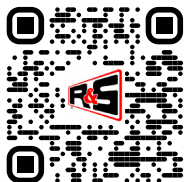
### Label size

12' Wide | 12' High | 120 Sq. Ft. Max

### Oversize

24' Wide | 24' High | 576 Sq. Ft. Max.

Jams must be continuous members from floor to structure above. Sizes and attachment of members is to be determined to provide adequate mounting and support for the size and weight of the door. Fire doors are to be installed by an R & S authorized representative in accordance with R&S installation instructions and NFPA 80. Fire doors are to be drop tested and witnessed for proper operation and full closure after installation. NFPA-80 and model code groups mandate annual inspection and testing of fire doors to check for proper operation and full closure.



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