



MANUFACTURING, INC.

THERMAL GUARD SERVICE DOORS  
Model I



## INSULATED PROTECTION FROM THE ELEMENTS

When an application requires weather protection, the R&S Thermal Guard Rolling Service Door is the right choice. Constructed using laid-in-place polyurethane insulation, providing an insulation value of R6, the curtain is an effective barrier against the elements. Rain, dust and wind are kept at bay by vinyl weatherstripping at the footpiece, guides and hood.

Galvanized steel slats interlock to create a robust and solid curtain that rolls up inside a hood, easily accommodating spaces with limited headroom or sideroom, and affording many years of maintenance free performance.

- Designed for openings up to 30' wide and 28' high with a minimum 22 gauge exterior slat and a 24 gauge back slat
- Customizable to meet virtually all of your project needs through many upgrades, slat profiles and options
- Curtain designed to withstand windload exceeding 20 PSF or 80MPH

## AVAILABLE FINISHES

### Standard



Slats & Hoods  
*Grey Polyester Enamel*



Optional Pass Door  
*Grey*



Steel Footpiece, Guides & Brackets  
*Black Paint*

### Optional



Slats  
*Tan & White Polyester Enamel*



Footpiece, Guides & Brackets  
*Hot Dip Galvanizing*



Available on all exposed surfaces in a variety of colors  
*Powder Coat Finish*

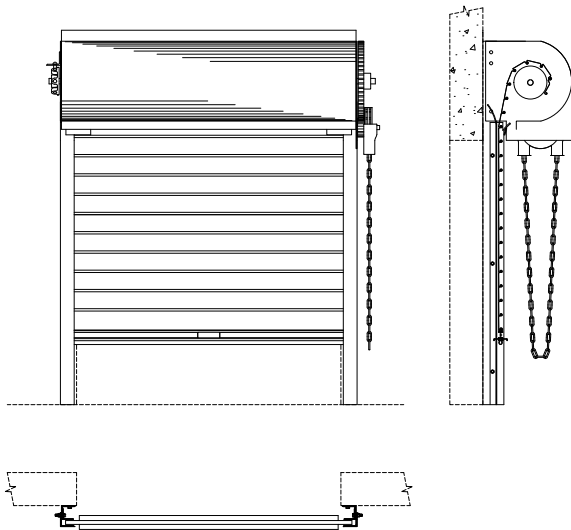
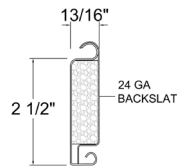
## CONSTRUCTION

Steel slats are galvanized per ASTM standards, treated for paint adhesion and pre-finished before forming with a prime coat and baked-on polyester top coat.

### Standard

Type Large Insulated Flat Slat  
22, 24, or 20, 24 Gauge  
Galvanized Steel

#25 SLAT INSULATED



## SPECIFICATIONS

### Warranty

Warranty 2 year/ 20,000 cycle

### Mounting

Interior of wall or between-jamb

### Operation

- Standard: Chain hoist or Motor prep
- Optional: Awning crank, Crank box, Motor prep

### Curtain

Galvanized steel coil slats, riveted windlocks. Bottom of curtain reinforced by extruded aluminum or double steel angle footpiece with astragal. Polyurethane foam, 3/4" thick, is laid in place for complete coverage and concealed by a 24 gauge back slat (22 gauge back slat optional).

### Guides

3-piece structural steel guides. Steel channels or structural steel angles bolted to structural steel wall angles. Vinyl guide weatherstripping against the flat faced side of the slats is standard (wool pile, brush, or weatherstripping on both sides of the curtain are optional).

### Brackets

Steel plates

### Barrel

Minimum 6" diameter steel pipe.

### Hood

Minimum 24 gauge galvanized steel sheet.

### Locking

Chain lock (chain operation) or slide bolt locks (push up or crank operation).

### Insulation Value

- R-Value: 6.0
- U-Factor: 0.17

## OPTIONS

### Increased Windload Capacity

Curtain designs to withstand windloads exceeding 20PSF.

### High Cycle Construction

Designs to provide up to 150,000 operating cycles or maximum possible in design.

### Vision Lites

Single or multiple 3 1/2" X 3/4" wide cutouts.

### Sloped or Stepped Footpiece

A custom footpiece to match sloping or irregular sill conditions.

### Cylinder Locks

Installed on footpiece or guide.

### Pass Door

3'-0" x 7'-0" x 1 3/4" thick hollow metal door in steel frame.



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