



# Service Doors

## Standard Duty Steel Rolling Service Doors



All R&S doors are designed to withstand up to 80 mph winds and can be upgraded for more severe weather conditions. Curtains can be ordered in standard grey or in tan with contrasting black guides and footpiece. A galvanized steel finish is also offered providing the look and protection of stainless steel without the cost.

## Standard Duty Service Door Features

- Steel Channel Guides
- Aluminum Extruded Bottom Bar
- 24 gauge curtain up to 16' wide - gauge upgrade available
- 24 gauge hood standard - upgrades of gauge available
- Designed to withstand 20PSF or 80MPH winds

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## Standard Duty Steel Service Door Options

**Increased Windload Capacity:** curtain designs to withstand windloads exceeding 20PSF

**Perforated Slats:** 3/64" diameter holes on 5/64" staggered centers in type 25 slats provide 30% open area for ventilation and visibility throughout the curtain

**Extruded Aluminum Curtain Type 24ET:** Optional thick-line, 11 gage extruded aluminum slat for exceptional corrosion resistance, durability, strength, and beauty. Available in standard mill finish or optional anodized clear or bronze for architectural needs.

**Extruded Aluminum Curtain Type 24ES:** Optional slim-line, 15 gage extruded aluminum slat for exceptional corrosion resistance, durability, and beauty.

Lightweight design for use on service doors up to 16' wide. Available in standard mill finish or optional anodized clear or bronze for architectural needs.

**Vision Lites:** single or multiple 3" wide cutouts, open for ventilation or covered with acrylic

**Intermediate Grille:** partial grille curtain connecting type 30 slats above and below

**Sloped or Stepped Footpiece:** for special sill conditions

**Cylinder Locks:** on footpiece or guide

**Pass Door:** 3'-0" x 7'-0" x 1 3/4" thick hollow metal grey primed (black optional) door in a steel frame for access through the curtain when closed; frame is hinged to guide and swings clear to allow use of entire door opening when curtain is raised; Standard hardware includes lever lock with optional deadbolt; handicap option, custom sizes, windows and special hardware available



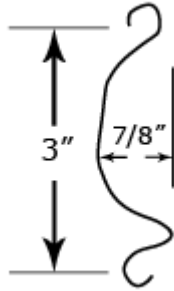
**Galvanized Finish:** on footpiece, guides, brackets and barrel

**Safety Bearing:** This unique safety device functions as both a bearing and inertia brake for motorized service doors and grilles. The safety bearing is designed to prevent the curtain from free-falling if there is damage to or failure of the motor operator, drive chain or spring assembly. If a malfunction occurs and the downward speed increases to an unsafe rate, the inertia brake absorbs the added energy and safely stops the load.

**Powdercoat Finish:** a durable and decorative finish for steel or aluminum surfaces. It provides longer life and requires less maintenance than a standard finish. Powder coating is available in a variety of colors for use on many products. Consult factory for color selection, applications and limitations.

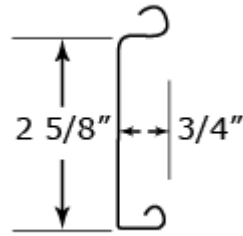
## **Standard Duty Steel Door Door Slat Options**

**Type 30 Large Curved Slat**



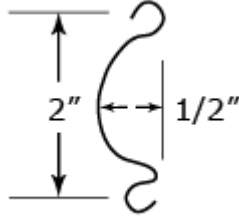
Standard curved slat for use on all service doors where strength and durability are a consideration. Available in 24, 22, 20, or 18 gage galvanized steel. Also for use on all fire doors.

**Type 25 Large Flat Slat**



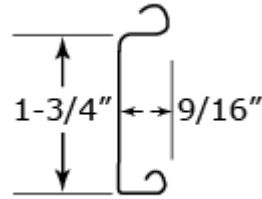
Standard flat slat for use on all service doors where environmental conditions are a consideration. Available in 24, 22, 20, or 18 gage galvanized steel. Also for use on all fire doors, especially those requiring gasketing.

**Type 20 Small Curved Slat**



Optional curved slat for use on service doors to 16' wide. Available in 22 or 20 gage galvanized steel. Also for use in fire doors to 15' wide.

**Type 18 Small Flat Slat**



Optional flat slat for use on service doors to 16' wide. Available in 22 or 20 gage galvanized steel or 22 gage stainless steel. Also for use on fire doors to 15' wide, counter fire doors and counter doors.

**Type 24ET Aluminum Extruded Slat**

**Type 24ES Aluminum Extruded Slat**



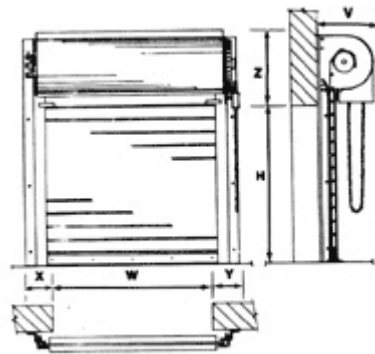
Optional thick-line, 11 gage extruded aluminum slat for exceptional corrosion resistance, durability, strength, and beauty. Available in standard mill finish or optional anodized clear or bronze for architectural needs.



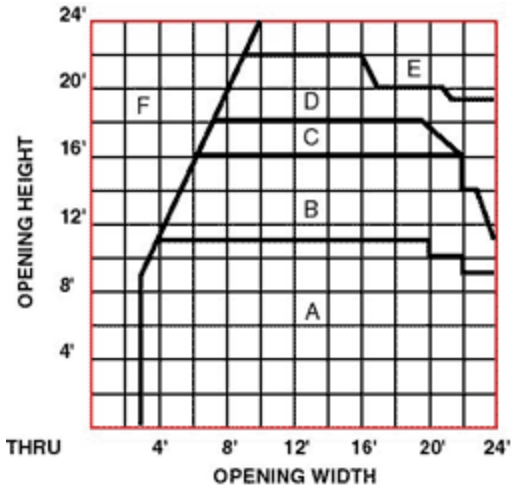
Optional slim-line, 15 gage extruded aluminum slat for exceptional corrosion resistance, durability, and beauty. Lightweight design for use on service doors up to 16' wide. Available in standard mill finish or optional anodized clear or bronze for architectural needs.

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

### Standard Duty Service Door Mounting Details



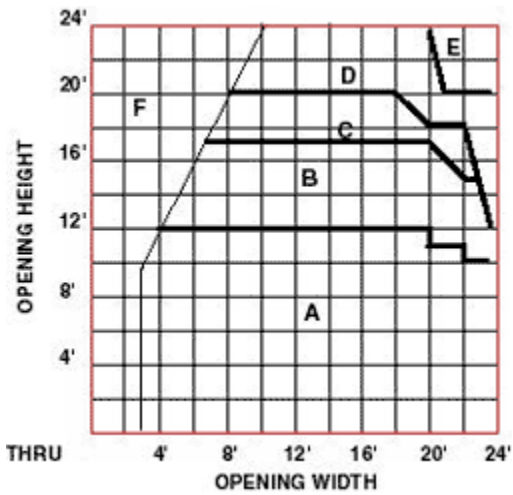
### Large Flat Slat #25



Head Room Requirements		
Area	Z"	V"
A	20	16 3/4
B	22	17
C	23 1/2	18 1/2
D	25 1/2	20 1/2
E	29 1/2	24 1/2
F	Consult Factory	

*Reduce 'Z' by 2" with top hood flange turned down*

### Large Curved Slat #30



Side Room Requirements		
Opening Width 'W'	X"	Y"
Thru 15'	6	8
Over 15' Thru 24'	7	9

*R/H chain operation as shown - reverse 'X' & 'Y' for L/H*