

ROLLING DOORS

# SERVICE DOOR

Model ESD10



## THE STANDARD OFFERING THAT'S ANYTHING BUT...

### FLEXIBILITY

Each door is built to meet your exact specifications. We offer many options - from powder coated graphics to perforated slats - to help you create a product that's uniquely yours.

### SECURITY

Rolling steel doors are significantly more secure than traditional garage or dock doors.

### DURABILITY

Our standard Service Door is constructed to withstand daily use and warrantied up to 50,000 cycles (more than twice the amount of many competitive brands).

### PERFORMANCE

Our doors can be configured to withstand the full range of wind load requirements, including Miami-Dade, Texas Department of Insurance, ANSI/DASMA-108 and more. We can also supply seismic calculations, missile impact ratings and much more.

### RELIABILITY

Rugged, commercial-grade construction requires little to no maintenance for the lifetime of the door.

### MAXIMUM CLEARANCE

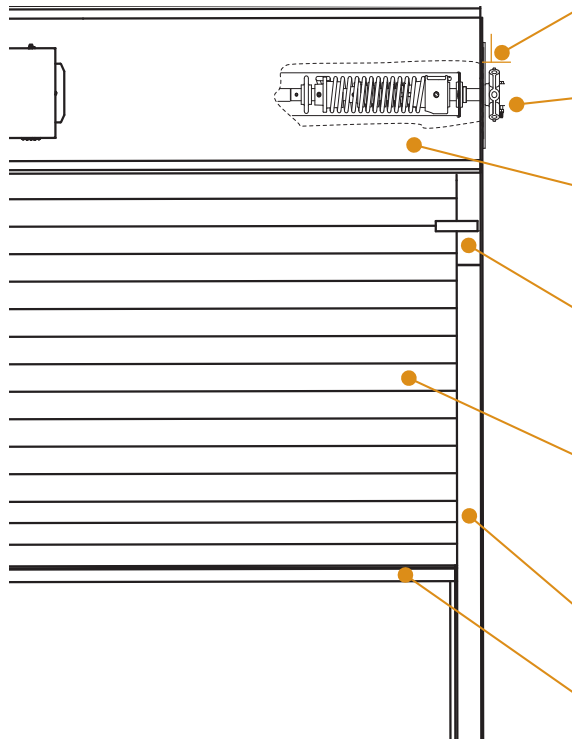
Ideal for areas with limited overhead room, Service Door curtains store in an overhead coil fully supported by the side guides.

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3.2017

Preferred door solutions®  
**COOKSON**

**STANDARD COMPONENT MATERIALS AND FINISHES**



**BRACKETS** - Steel with powder coating to match curtain. Bolt to guide assembly and support counter-balance shaft and curtain.

**COUNTER-BALANCE SHAFT** - Steel. Supports curtain and contains torsion springs for assisting operation.

**HOOD** - Galvanized steel with GalvaNex™ polyester enamel finish to match curtain. Encloses the curtain that provides weather resistance at the head of the door.

**REMOVEABLE BELL MOUTH** - Structural steel with powder coating in Gray, Tan, White or Brown. Located at the top of the inner and outer guide angles, coped and flared. Removeable section for ease of curtain installation and repair.

**CURTAIN** - Galvanized steel with GalvaNex polyester enamel finish in Gray, Tan, White or Brown. Interlocking roll-formed slats with endlocks riveted to the ends of alternate slats to maintain slat alignment and prevent wear.

**GUIDES** - Structural steel with powder coating to match curtain. Bolt to the wall and support the weight of the door.

**BOTTOM BAR** - If width is less than 21'5", extruded aluminum supplied in mill finish. If width is greater than 21'5", steel supplied with powder coating to match curtain.

**OPERATION**

**Hand-chain, hand crank, push-up and a variety of motor options are available.**

This product is supported by a guide assembly attached to the jamb construction. No additional header support is required unless hood supports are mandated by a larger opening width.

**OPTIONAL MATERIALS AND FINISHES**

- ▶ Aluminum in mill, clear or color anodized
- ▶ Stainless steel - 300 series in #4 finish
- ▶ SpectraShield® Powder Coating in more than 180 colors

**Brackets, Guides and Bottom Bar**

- ▶ Hot-dip galvanizing on steel components
- ▶ Zinc-enriched, corrosion-resistant powder coating in Gray



**CUSTOM-DESIGNED SOLUTIONS**

Contact our experienced Architectural Design Support Team for help in customizing our products to fit your specific application. Call 800.294.4358 ext. 1280 • ads@cooksondoor.com

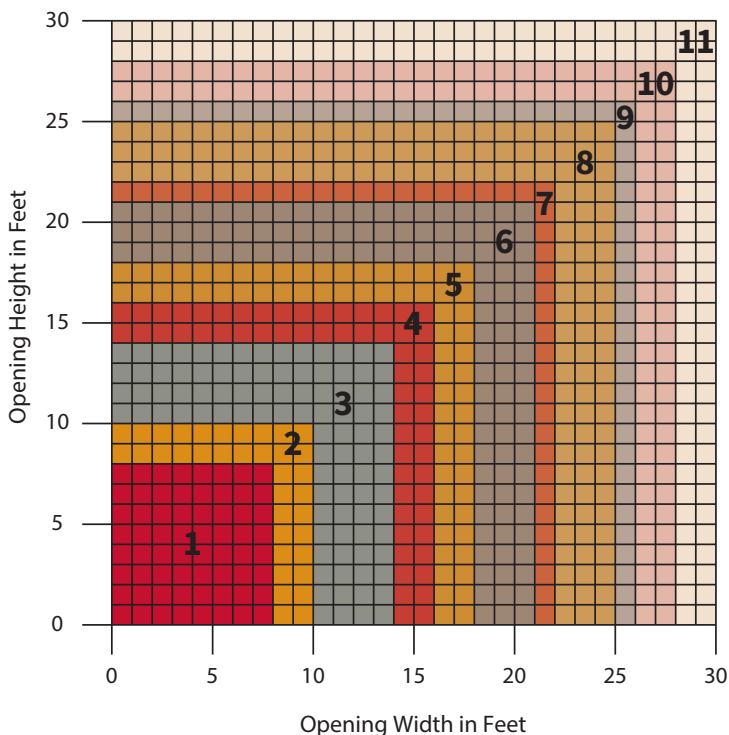
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## MEASURE THE WIDTH AND HEIGHT OF THE DOOR OPENING

### DOOR SIZE AND AREA



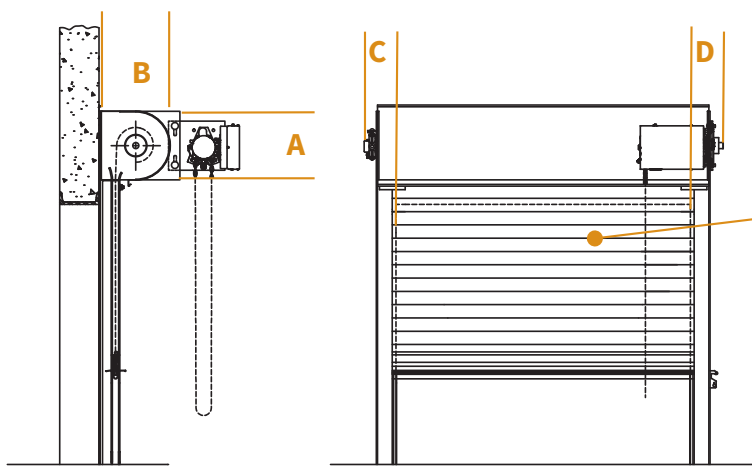
### COMPONENT DIMENSIONS

Reference the zone number to view component dimensions for motorized doors.

1	14	16	5	7
2	15	17	5	7
3	16	18	5	7
4	17	19	5	9
5	18	20	5	9
6	19	21	5	9
7	20	22	7	9
8	21	23	7	9
9	22	24	7	11
10	23	25	7	11
11	24	26	7	11

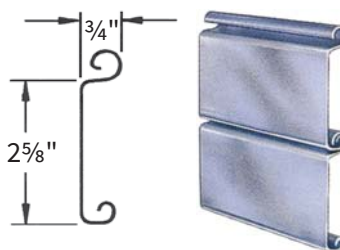
Dimensions in Inches

Zone A B C D



The dimensions featured on this sheet are provided as a guide. Please visit our website at [www.cornelliron.com/drawings](http://www.cornelliron.com/drawings) to generate drawings on demand with exact dimensions.

### CURTAIN SLAT DESIGN



Remember, three main factors when choosing a guide assembly are:

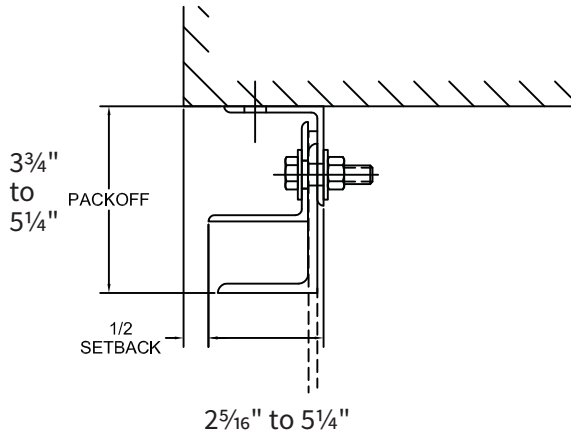
1. Wall construction
2. Operation
3. Side clearance

## GUIDE CONSTRUCTION OPTIONS

### FACE OF WALL

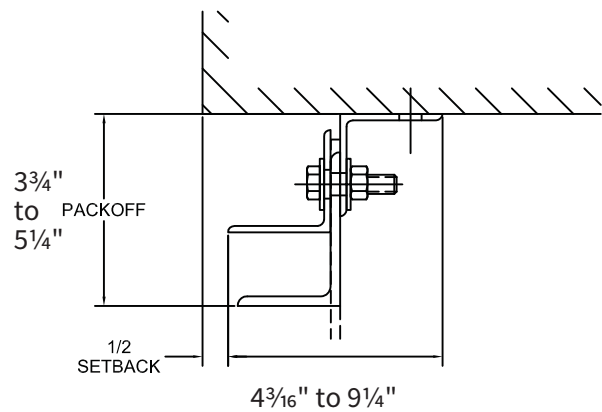
#### E GUIDE

Typically used with steel jamb



#### Z GUIDE

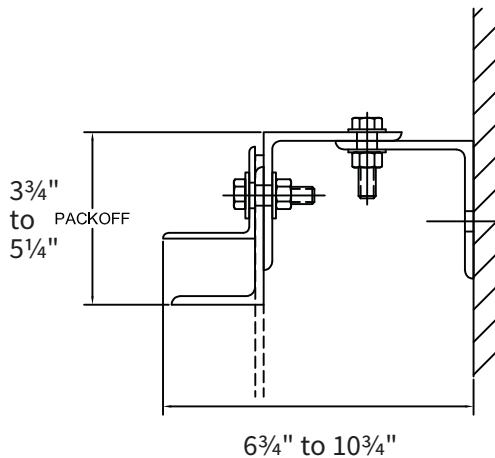
Typically used with masonry wall construction



### BETWEEN JAMBS

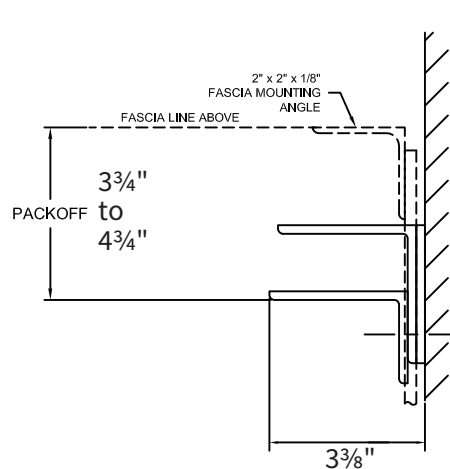
#### 4 ANGLE

Most common for doors with chain/crank/motor operation



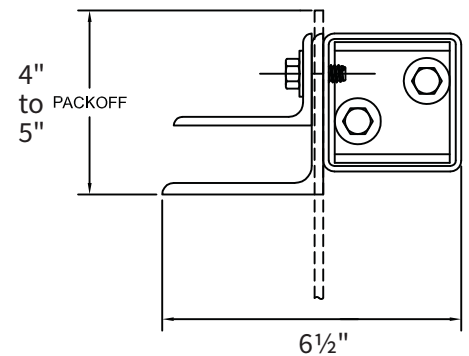
#### 2 ANGLE

Typically used for small push-up doors that can utilize an inside spring adjustor



#### 2 ANGLE - TUBES

Typically used if there's no wall support, or tubes and guides need to be recessed within the wall construction



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