INSULATED ROLLING DOORS
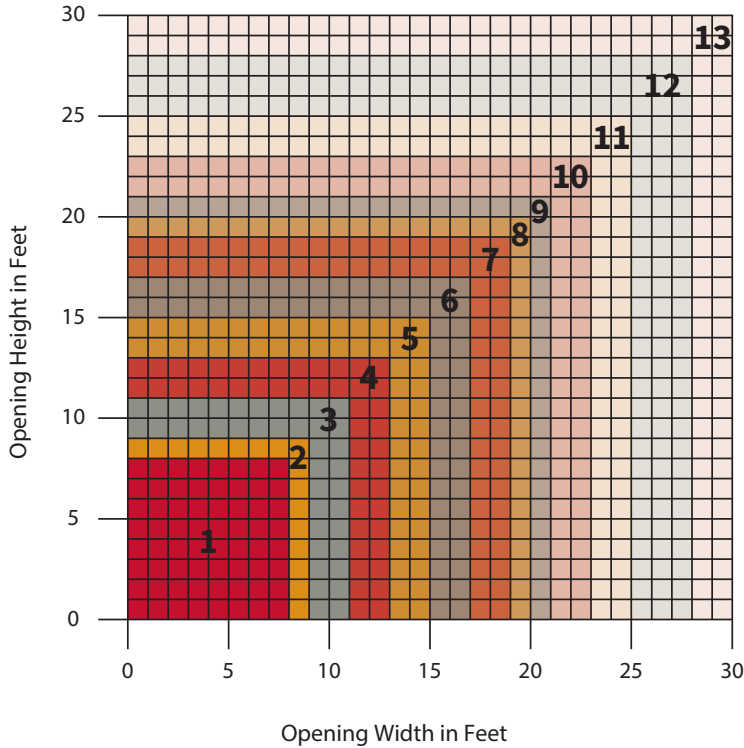# THERMISER MAX
Model ESD30

MEASURE THE WIDTH AND HEIGHT OF THE OPENING

DOOR SIZE AND AREA
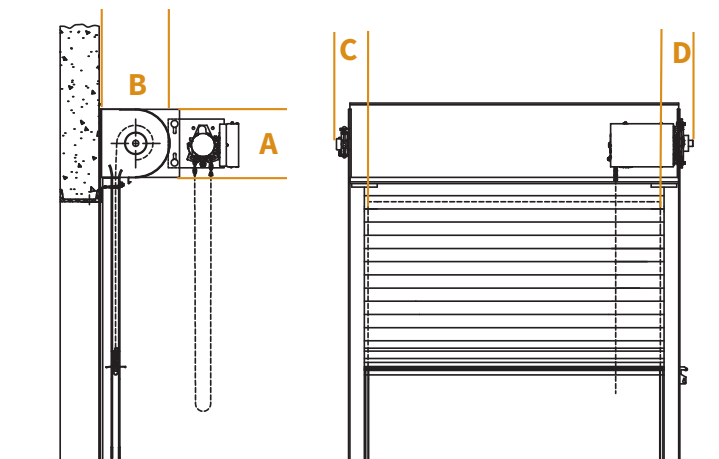

Opening Height in Feet

Opening Width in Feet

COMPONENT DIMENSIONS

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

Dimensions in Inches

	A	B	C	D
1	17	19	5	9
2	18	20	5	9
3	19	21	5	9
4	20	22	7	9
5	21	23	7	11
6	22	24	7	11
7	23	25	7	11
8	24	26	7	11
9	25	27	7	11
10	26	28	7	11
11	27	29	7	11
12	29	31	7	11
13	31	33	7	11

Zone A B C D

The Sound Transmission Class (STC) rating is up to 22 for the entire assembly. *If an STC of 32 is desired, additional options are required. Please contact the factory for details. All configurations are evaluated per ASTM E90, based on testing a complete, operable assembly.
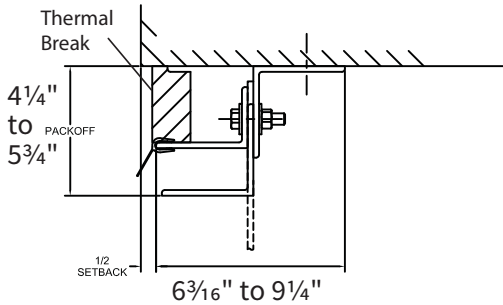
Gauge	STC Rating
18/24	21
24/24	22
18/20	32*

The dimensions featured on this sheet are provided as a guide. Please visit our website at www.cornelliron.com/drawings to generate drawings on demand with exact dimensions.
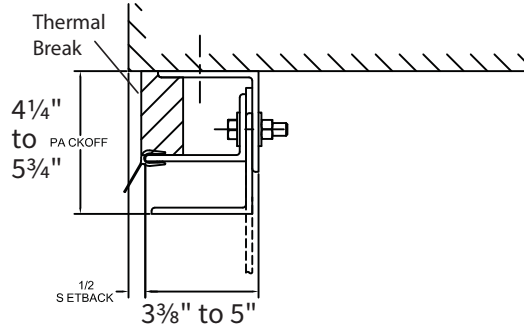
GUIDE CONSTRUCTION OPTIONS

FACE OF WALL Z
Typically used with masonry wall construction, guides are mounted to the interior side of the wall.

Thermal Break

$4\frac{1}{4}$" to $5\frac{3}{4}$" PACKOFF

1/2 SETBACK

$6\frac{3}{16}$" to $9\frac{1}{4}$"

FACE OF WALL E
Typically used with steel jambs, guides are mounted to the interior side of the wall.

Thermal Break

$4\frac{1}{4}$" to $5\frac{3}{4}$" PACKOFF

1/2 SETBACK

$3\frac{3}{8}$" to 5"

BETWEEN JAMBS
Used when side clearance is minimal, guides are mounted to the inside of the jamb.

$4\frac{1}{4}$" to $5\frac{3}{4}$" PACKOFF

$7\frac{3}{4}$" to $10\frac{1}{4}$"
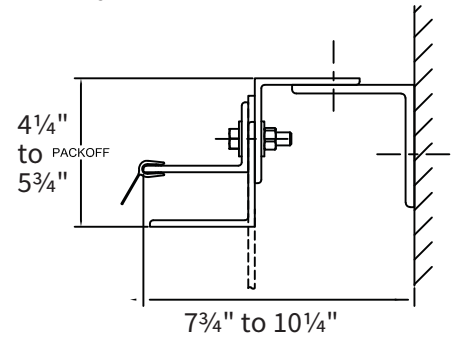
CURTAIN DESIGN
Insulated Slat

1"

3"

LINTEL SEAL BRUSH

Header at Top of Opening
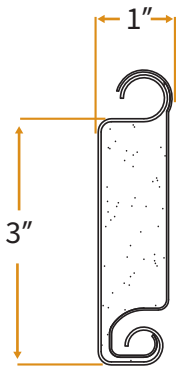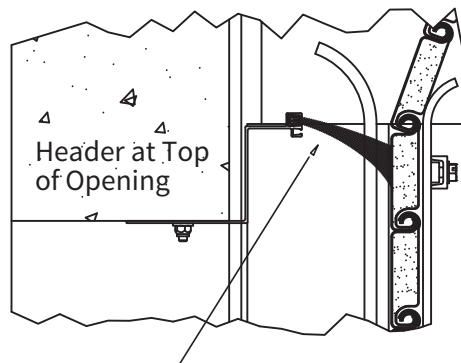
Rubber Seal Sandwiched by a Double Lintel Seal Brush Contacting the Door Curtain

Air Infiltration value of less than .3 CFM/FT2.

R Value of 8.0

U Value of .125

Calculated using the ASHRAE Handbook of Fundamentals

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