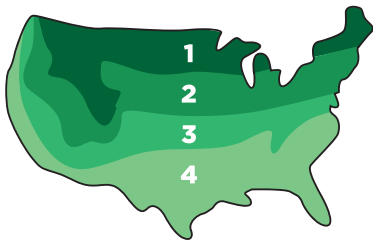


INSULATED ROLLING DOORS

# THERMISER MAX<sup>®</sup>

Model ESD30

Thermiser Max doors pay for themselves based on model and climatic zone.<sup>1</sup>



Zone	Annual Savings	Payback Years
1	\$972	2.0
2	\$775	2.6
3	\$593	3.3
4	\$488	4.1

Thermiser Max compared to a Standard Service Door

## TODAY'S MOST ENERGY EFFICIENT ROLLING DOOR

### PERFORMANCE...TESTED AND PROVEN

Built to order, Thermiser Max is best used in exterior openings where maintaining environmental separation on each side of the door is necessary. Doors meet ASHRAE<sup>®</sup> 90.1<sup>2</sup>, 2015 IECC<sup>®</sup> and California's Title 24 air infiltration requirements with an independently tested value of less than 0.3 CFM/FT<sup>2</sup>.

### PATENTED SEALING SYSTEM

This exclusive full perimeter seal, combined with thermally broken guide construction and insulated curtains, minimizes air infiltration and thermal transference.

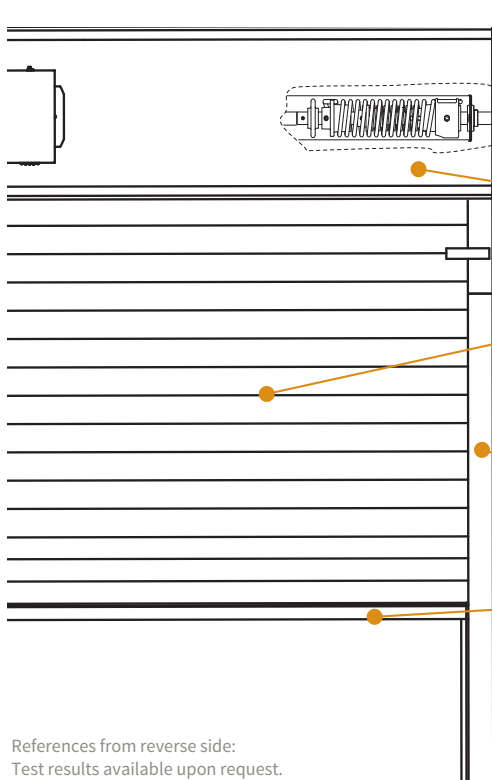
### A GREEN, ENERGY EFFICIENT OPTION

This door delivers a 94% decrease in air infiltration compared to standard products<sup>3</sup> and can contribute up to 38 credits in five LEED categories. A comprehensive LEED<sup>®</sup> package is available on our website.

### REDUCES SOUND TRANSMISSION

Sound Transmission Class (STC) rating is up to 32 for the entire assembly. All configurations are evaluated per ASTM E90, based on testing a complete, operable assembly.

## INSULATED ROLLING DOORS **THERMISER MAX® Model ESD30**



**BRACKETS** - Steel with powder coating to match the 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 the curtain. Encloses the curtain and provides weather resistance at the head of the door.

**CURTAIN** - Galvanized steel with GalvaNex™ polyester enamel finish in Gray, Tan, White or Brown. Flame Spread Index of 0 and a Smoke Developed Index of 10 as tested per ASTM E84. The slat has an R-value of 8.0 as calculated using the ASHRAE Handbook of Fundamentals.

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

**BOTTOM BAR** - If width is less than 24'5", extruded aluminum supplied in mill finish. If width is greater than 24'5", steel supplied with powder coating to match curtain.

References from reverse side:

Test results available upon request.

1. Calculations based on a 12' x 12' door; upgrading from a Standard Service Door to Thermiser Max.

2. Requires Face of Wall mounting.

3. Calculated using data from an ASHRAE research report for standard coiling doors.

### **OPERATION AND STRUCTURAL REQUIREMENTS**

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

All of our rolling products are supported by the guides. There is no additional support 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](mailto:ads@cooksondoor.com)