

INSULATED ROLLING DOOR

THERMISER MAX[®] – LOW U

CLOPAY COMMERCIAL – MODEL CESD40



Model CESD40 Door

YOUR CLEAR CHOICE FOR ENERGY EFFICIENCY

U-FACTOR CERTIFIED THERMAL PERFORMANCE

Energy savings and a more comfortable indoor environment are just a few of the benefits of Thermiser Max[®] – Low U insulated door. Its design features mineral wool insulation and a CPVC backer, offering a U-factor rating of 0.532 for the full assembly.* By undergoing third-party U-factor testing, Thermiser Max Low-U carries the industry's most accurate measurement of thermal performance.**

DESIGNED FOR RUGGED APPLICATIONS

The Thermiser Max - Low U operates quietly and is ideal for exterior applications where climate control is critical, including warehouses and heavy equipment storage facilities. An insulated curtain, patented perimeter seal and thermally-broken guide construction work to minimize the speed of heat transferred through the door assembly.

clopaycommercial.com

MORE THAN MEETS THE EYE

Along with its standout thermal performance, the Thermiser Max[®] – Low U insulated door has another perk. The door carries a Sound Transmission Rating (STC) of up to 27 for the full assembly, offering control over exterior and interior noise levels. Doors meet ASHRAE[®] 90.12, IECC[®] 2021 and California's Title 24 air infiltration requirements with an independently tested value of less than 0.3 CFM/ft².

**Options such as windows, pass doors, etc. may impact U-factor. Contact factory for details on specific configurations.*

***Thermiser Max seal package required to meet.*

STANDARD COMPONENT MATERIALS AND FINISHES

- 1. BRACKETS** – Steel with powder coated finish to match curtain. Bolt to guide assembly and support counter-balance shaft and curtain.
- 2. COUNTER-BALANCE SHAFT** – Steel. Supports curtain and contains torsion springs for assisting operation.
- 3. HOOD** – Galvanized steel with GalvaNex™ polyester enamel finish to match curtain. Encloses the curtain and provides weather resistance at the head of the door.
- 4. CURTAIN** – Front slat with galvanized steel with GalvaNex™ polyester enamel finish in Gray, Tan, White or Brown. Class B Flame Spread and Smoke Development rating as tested per ASTM E84. Back slat CPVC material and mineral wool insulation.
- 5. GUIDES** – Thermally broken structural steel guides with powder coating to match the curtain. Angle assemblies bolt to the wall and support the weight of the door.
- 6. BOTTOM BAR** – Up to 21' width. Comes standard with extruded bottom bar. Other bottom bar options are available upon request.

OPTIONAL MATERIALS AND FINISHES

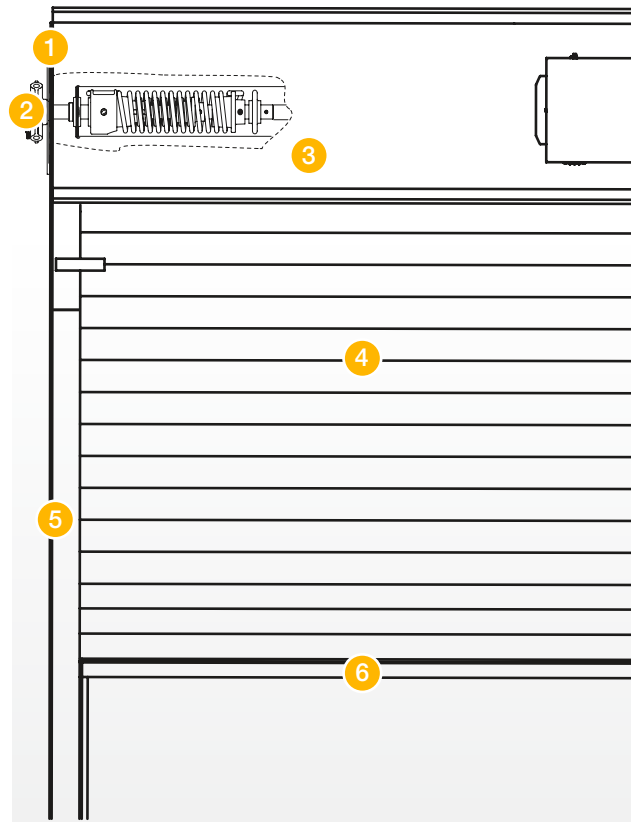
- Stainless steel 300 series in #4 finish
- SpectraShield® powder coating in more than 180 colors
- For a more durable finish, consider upgrading to our GalvaNex™ Ultra™ or SpectraShield® Ultra™ powder coat finish.
 - A polyester-based, textured, wear-resistant clear coat that provides increased resistance to corrosion of the curtain and improved durability against normal abrasion and scratching due to cycling.

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 at www.architectdoorhelp.com.



OPERATION AND STRUCTURAL REQUIREMENTS

Hand chain, hand crank 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. This door can be configured to offer a static wind load of up to 120 psf.



For more information on these and other Clipay products, visit clipaycommercial.com. Architects and specifiers, visit architectdoorhelp.com.

