

CLOPAY COMMERCIAL – MODELS 150C, 155C, 156C, 157C, 160C

roll-up sheet doors



Model 157C, Roll-Up Sheet Door

ROLL-UP SHEET DOORS

Clopay Roll-Up Sheet Doors are low maintenance, have a long lasting finish and are designed for easy installation. These doors are ideal for mini-warehouse and storage facilities.

LOW MAINTENANCE WITH LONG LASTING FINISH

- Hot-dipped galvanized steel curtain with a baked-on polyester top coat.
- Roll-formed guides made with hot-dipped galvanized steel.
- Self-lubricating curtain wear strips prevent metal-to-metal contact.
- Heavy-duty bottom bar withstands the external elements.
- Full bulb-type bottom weatherstrip ensures proper fit along irregular floors.



Corrugated Panel Design (Model 157C Shown)

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FEATURES

Curtain – Corrugated 26 gauge sheets, roll formed from ASTM A 653 grade 80 full hard steel, interlocked and seamed together to make a continuous curtain for full height of door. Heavy-duty nylon strapping attached to the curtain helps control curtain stretch and works in conjunction with the vinyl guide strip to reduce wear and deaden sound.

Finish Coat – Curtain is galvanized and prepainted with long-lasting silicone polyester paint.

Guides – Roll formed guides of hot-dipped galvanized steel (18 gauge 150C, 16 gauge 155C, 156C, 157C, 12 gauge 160C).

Lock – Mini latch (150C) standard zinc plated steel cover, slide and four attachment bolts are factory installed. Latch accepts all industry padlocks. Slide bolt lock (155C, 156C, 157C, 160C) assembly affixed to the bottom bar at each end of the door curtain fastens through the guide to securely keep the door locked and in the down position. Padlocks can be attached to the slide to further secure the door.

Brackets – Galvanized reinforced 12 gauge brackets are designed to easily snap into the guides (150C); engineered with deep embossing for strength and tested to withstand more than 1,200 pounds per pair (155C, 156C, 157C); Model 160C tested to withstand more than 2,700 pounds per pair.

Bottom Bar – Roll formed, clear acrylic coated galvanized steel reinforced with 2" x 1-1/2", 11 gauge full-width galvanized steel angle.

Counterbalance – Oil-tempered helical torsion springs are factory lubricated to minimize friction and corrosion while increasing the spring cycle life. Springwire conforms to ASTM A 229.

Ratchet Spring Tension Assembly – Factory installed on the end of the door axle and allows precise fine tuning of the initial spring tension. Tensioner adjusts both springs equally at the same time from only one end of the door.

Cam-Acting Tension Spring – Spring tension adjustment is accommodated by inserting a common 1/2" ratchet tool into the end of the drive shaft (160C).

Maximum Width – 12' (150C, 155C, 156C), 18' (157C), 20' (160C).

Maximum Height – 14' (150C, 155C, 156C, 157C), 18' (160C).



LOCK MINI LATCH



SLIDE BOLT LOCK

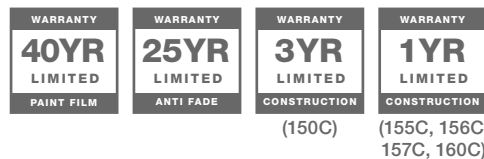
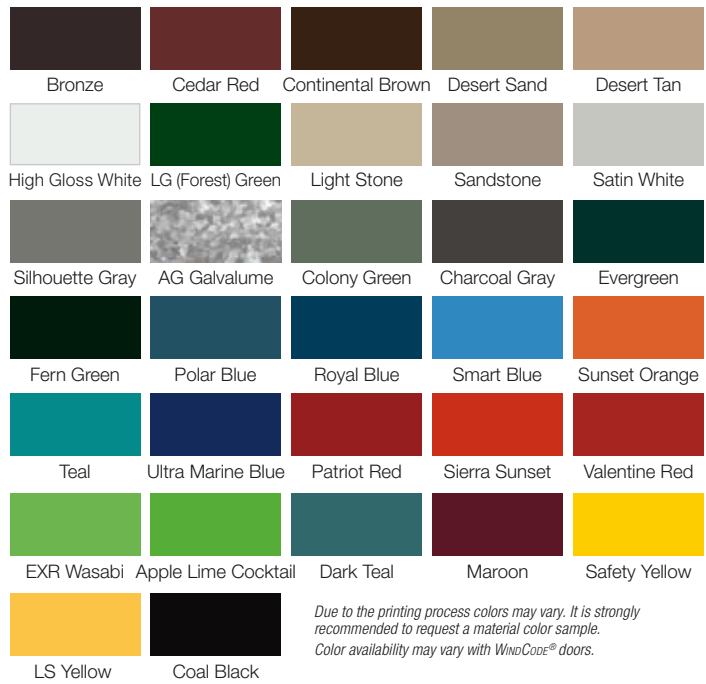


COUNTERBALANCE



RATCHET SPRING TENSION ASSEMBLY

COLOR OPTIONS



ADDITIONAL OPTIONS

INSULATION

(Available on all Clopay Roll-Up Sheet Door Models)

Optional insulation made of foil-backed, dual layer polyethylene air-bubble insulation secured in place with a strong adhesive and joined by Mylar® film. Top and side draft stops are included with this option.



Models 150C, 157C and 160C available in many sizes and pressure ratings. Model 150C up to W8 WindCode®, Models 157C and 160C up to W6 WindCode®.

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ROLLING GRILLES

VISIONAIRE® & VISTAGARD™ GRILLES

CLOPAY COMMERCIAL – MODELS ESG10, ESG12, ESG11



Model ESG10 Door

SECURITY, VISIBILITY AND AIR FLOW IN ELEGANT DESIGNS

CUSTOM-BUILT, SECURE SEPARATION

Durable rolling security grilles keep areas offlimits and can be configured to meet your desired design aesthetic. Built to an exact opening size, the commercial-duty design is durable, requires little-to no maintenance and offers ease of repair with readily available parts. Install these grilles behind storefront glass, at service window openings, in schools, malls, healthcare settings and more.

OUT-OF-SIGHT, COMPACT STORAGE

For convenience, the curtain stores in an overhead coil supported by the guide extensions.



Open Air Straight Pattern
VISIONAIRE® MODEL ESG10
Available in 3", 6" or 9" spacing



Open Air Brick Pattern
VISIONAIRE® MODEL ESG12
For superior, high-cycle durability

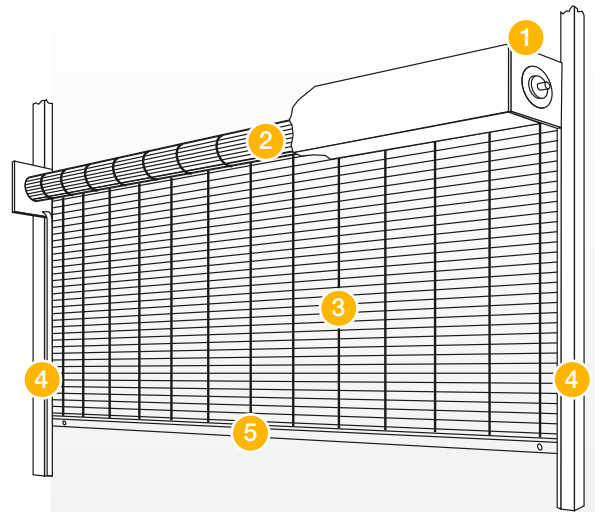


Solid, Clear Protection
VISTAGARD™ MODEL ESG11
Flame-retardant polycarbonate material provides protection from

refuse and the theft of small articles through the curtain. Glazed with Lexan®, curtain modules are secured by molded nylon links.

STANDARD COMPONENT MATERIALS AND FINISHES

- 1. BRACKETS** – Steel with SpectraShield® powder coating in Gray. 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. CURTAIN**
 - VISIONAIRE MODEL ESG10** – 5/16" solid aluminum rods (alloy 5056 H32) at 2" on center with vertical chains of eyeleted aluminum spaced at 9" apart. Chains may also be specified at 6" or 3" apart.
 - VISIONAIRE MODEL ESG12** – 5/16" solid aluminum rods (alloy 5056 H32) at 2" on center. Heavy-duty aluminum links are staggered by tube spacers.
 - VISTAGARD MODEL ESG11** – 5/16" solid aluminum rods (alloy 5056 H32) at 3" on center with vertical chains of eyeleted aluminum spaced at 12" apart. Flame-retardant polycarbonate panels offer solid, clear protection.
- 4. GUIDES** – Extruded aluminum in mill finish, polypropylene pile runners and mounting member. Bolt to the wall and support the weight of the grille.
- 5. BOTTOM BAR** – Heavy-duty extruded aluminum in mill finish. For widths greater than 27'4", bar is reinforced with aluminum angle(s).



OPERATION AND STRUCTURAL REQUIREMENTS

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 or structural tubes attached to either wall or overhead construction. No additional header support is required unless hood supports are mandated by a larger opening width.

OPTIONAL MATERIALS AND FINISHES

- Aluminum in clear and color anodized finish
- Stainless steel 300 series in #4 finish (ESG10 and ESG11 only)
- SpectraShield® powder coating in more than 180 colors (not available on curtains)
- Hot-dip galvanizing on steel rods (ESG10 only)
- Hoods available as an option. Galvanized steel with exclusive GalvaNex™ polyester enamel finish in Gray or SpectraShield® powder coating in more than 180 colors; aluminum in mill, clear and color anodized finish; or 300 series stainless steel with a #4 finish

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