



# COMMERCIAL

doors

A guide for selecting the right commercial door





# CLOPAY

## commercial

Clopay is the preferred manufacturer and supplier of upward-acting door systems throughout North America. Clopay offers architects, developers, building professionals and specifiers the most extensive commercial overhead and rolling steel product offering in our industry. Clopay also provides a complete line of operators, accessories and special products to complement a wide array of commercial design and building applications. If durability, energy efficiency, safety, reliability and aesthetics are important, Clopay's commercial product offering has a solution for you.

[clopaycommercial.com](http://clopaycommercial.com)



making the right **CHOICE**



SECTIONAL DOOR



ROLLING DOOR



SHEET DOOR



FOUR-FOLD

EASE OF OPERATION	★ ★ ★ ★	★ ★ ★	★ ★ ★	★ ★ ★ ★
APPEARANCE/DESIGN	★ ★ ★ ★	★ ★	★ ★	★ ★ ★
DURABILITY	★ ★ ★	★ ★ ★ ★	★ ★	★ ★ ★ ★
COST OF OWNERSHIP	\$ \$	\$	\$ \$	\$
ENERGY EFFICIENCY	★ ★ ★ ★	★ ★	★	★ ★ ★
INITIAL COST	\$ \$	\$ \$ \$	\$	\$ \$ \$ \$

# FULL VIEW ALUMINUM DOORS

SECTIONAL

## 900 SERIES



Standard exterior and “partitioned” interior applications such as service stations, auto dealerships and restaurants that require high light transmission and visibility are satisfied by our durable and attractive Model 903.

- Unique “capped rail” construction for superior weathersealing.
- Integral reinforcing fin adds durability and strength.
- Standard finishes include Clear anodized aluminum, White, Brown or the New Bronze painted.
- Available in a wide variety of powder-coated and anodized finish colors.
- Many glazing options available, including thermal glass, Low-E glass and polycarbonate panels in various colors.

# POLYURETHANE INSULATED SANDWICH DOORS

ENVIRO-FRIENDLY

SECTIONAL

## 3700 SERIES



Climate Control. Durability. Dependability. Our premier Model 3700 Series has it all, providing excellent temperature control, maximum energy efficiency and long-lasting service for a wide range of applications, such as firehouses, warehouses and municipal buildings.



- “Sandwich” construction – foamed-in-place 1-3/8" (35 mm), 1-3/4" (44.5 mm), 2" (50.8 mm) or 3" (76.2 mm) polyurethane core, with prepainted steel backer plates on the inner skin – provides maximum strength and energy efficiency inside and out. Exterior steel 27 gauge (.016" min.) (.41 mm) except Model 3722, which is 20 gauge (.034" min.) (.86 mm).
- Foamed-in-place polyurethane adds R-value up to 22.2\*.
- Tongue-and-groove section joint for exceptional strength and thermal sealing.
- Our three-stage prepainting process assures a durable, maintenance-free finish inside and out.
- Attractive stucco-embossed steel skins.
- Door includes hardware, track and springs.
- Ten-year paint and delamination warranty.

\*Calculated door section R-value is in accordance with DASMA TDS-163.

# POLYSTYRENE INSULATED SANDWICH DOORS

SECTIONAL

## 3100, 3200, 3300 SERIES



These high-quality, insulated thermally broken steel doors provide energy efficiency and long service under demanding conditions. Ideal for use in municipal buildings, warehouses and shipping dock applications, or where energy efficiency is needed.

- R-value up to 12.15\*.
- Attractive stucco-embossed, textured skin (3150, 3200, 3220 and 3300).
- Aesthetic raised panel design featuring woodgrain embossing (3154 and 3213).
- Prepainted inside and out for a durable, maintenance-free finish.
- Ten-year warranty against delamination and rust-through.

\*Calculated door section R-value is in accordance with DASMA TDS-163.

# RIBBED DOORS

SECTIONAL

## 500, 600 SERIES



Premium-duty 20 gauge (520 and 520S) and heavy-duty 24 gauge (664, 664V, 524, 524V and 524S) doors are for most commercial and industrial applications. Models 525, 525V and 525S are alternatives for applications requiring economy and reliability in a lighter gauge commercial door. Ideal for use in service stations, auto dealerships and warehouses.

- Clopay's 20, 24 and 25 gauge steel sectional doors are prepainted inside and out for a maintenance-free, durable finish.
- Tog-L-Loc® construction eliminates welds and rivets for rust-proof and leak-proof joints.
- Available in prepainted White or Brown.
- Available with insulation for maximum energy efficiency.
- Ten-year warranty against rust-through.
- Available with prepainted, full view lite section(s).

# ALUMINUM SECURITY DOORS

SECTIONAL

Chain link (811) or screen (812) security doors are cost effective ways to add cooling, ventilation and security to your building.

Model 811 meets homeland security guidelines and is ideal in parking garages, jail sally ports and other secured buildings.

Model 812 is ideal in areas where pest control is necessary such as in health, beauty warehouses and manufacturing facilities.



MODEL 811



MODEL 812

# DOOR OPTIONS

SECTIONAL



## BREAK-AWAY BOTTOM SECTION

Break-away bottom sections are ideal in high traffic dock areas where damage to the bottom sections of doors is a common occurrence.



## PASS DOOR

Pass doors are ideal in applications where space is too limited for the installation of a standard entry door. They conserve energy by allowing building access via a smaller opening versus the entire sectional door. This minimizes wear and tear on the door as well as saves electric operator cycles. In inclement weather, the heat or cold distribution between inside and outside of the building is minimized, conserving additional energy costs.

Pass doors are available on 3720, 3722, 3200 and 3220 insulated models as well as 520 and 524 series non-insulated commercial door models.



## REMOVABLE CENTER MULLION

For openings that are wider than standard door width, consider using a carry-away, roll-away or swing-up mullion that enables two (2) or more doors to close one opening.



# DOOR OPTIONS *continued*

SECTIONAL



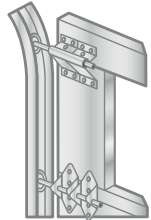
### EXHAUST PORT

Can be cut into any type of sectional door. Available in 3" (7.6 cm) and 4" (10.2 cm) sizes.



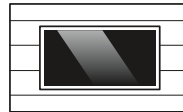
### FULL VIEW ALUMINUM SASH

Various glazing options available.



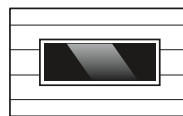
### DOUBLE END HINGE

Standard on large doors, optional on small doors.



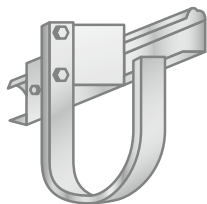
### 24" x 12" (3000 Series, 500 Series) POLYPROPYLENE FRAME WINDOW

Double strength (500 only) or insulated glass.



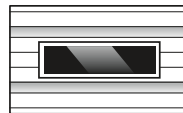
### 24" x 8" (3000 Series) POLYPROPYLENE FRAME WINDOW

Tempered or insulated tempered glass.



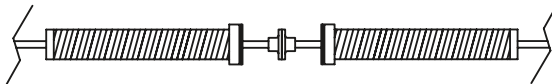
### SPRING BUMPERS

Standard on high lift and vertical lift tracks, optional on standard radius and low headroom tracks.



### 24" x 6" (500 Series) POLYPROPYLENE FRAME WINDOW

DSB glass.



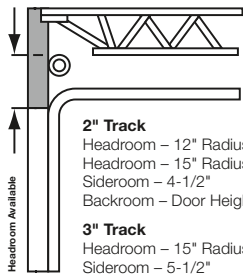
### HIGH CYCLE SPRINGS

25,000, 50,000 or 100,000 cycle springs available.

# TRACK & FRAMING

SECTIONAL

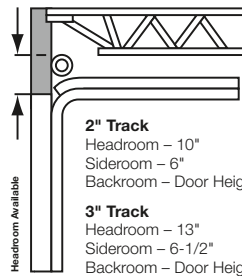
### STANDARD RADIUS



**2" Track**  
Headroom – 12" Radius, 14-1/2"  
Headroom – 15" Radius, 16"  
Sideroom – 4-1/2"  
Backroom – Door Height + 23"

**3" Track**  
Headroom – 15" Radius, 18"  
Sideroom – 5-1/2"  
Backroom – Door Height + 25"

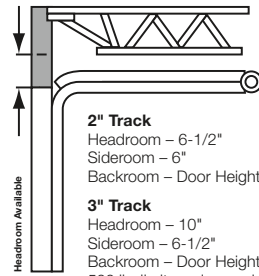
### LOW HEADROOM FRONT MOUNT



**2" Track**  
Headroom – 10"  
Sideroom – 6"  
Backroom – Door Height + 23"

**3" Track**  
Headroom – 13"  
Sideroom – 6-1/2"  
Backroom – Door Height + 25"

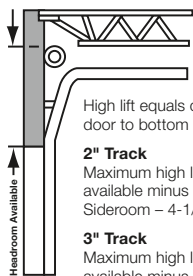
### LOW HEADROOM REAR MOUNT



**2" Track**  
Headroom – 6-1/2"  
Sideroom – 6"  
Backroom – Door Height + 30"

**3" Track**  
Headroom – 10"  
Sideroom – 6-1/2"  
Backroom – Door Height + 32"  
500 lb. limit on door weight

### HIGH LIFT

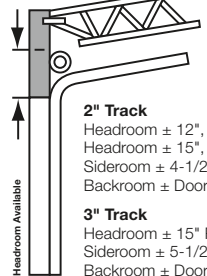


High lift equals distance from top of door to bottom of horizontal track.

**2" Track**  
Maximum high lift equals headroom available minus 12"  
Sideroom – 4-1/2"

**3" Track**  
Maximum high lift equals headroom available minus 13"  
Sideroom – 5-1/2"

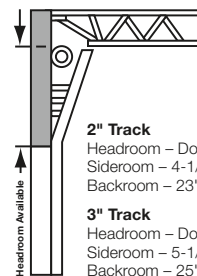
### ROOF PITCH



**2" Track**  
Headroom ± 12", Radius, 14-1/2"  
Headroom ± 15", Radius, 16"  
Sideroom ± 4-1/2"  
Backroom ± Door Height High Lift + 25"

**3" Track**  
Headroom ± 15" Radius, 18"  
Sideroom ± 5-1/2"  
Backroom ± Door Height High Lift + 25"

### VERTICAL LIFT



**2" Track**  
Headroom – Door Height + 12"  
Sideroom – 4-1/2"  
Backroom – 23"

**3" Track**  
Headroom – Door Height + 12"  
Sideroom – 5-1/2"  
Backroom – 25"

# ROLLING SERVICE DOORS

ROLLING

## CESD SERIES



- Constructed of a high percentage of recycled material and designed with ease of maintenance and longevity in mind, increasing the sustainability of most applications.
- Curtains are available in prefinished galvanized steel, stainless steel or anodized aluminum finishes. Guides, bottom bars and headplates are powder coat finished for aesthetics and increased durability.
- Practical innovations enhanced by the aesthetic appeal ensure that a Clopay door adds value to any building exterior, combining maximum security with modest operating costs.
- Doors can be operated manually with standard chain hoist, or they can be motor operated. Optional manual crank operation is also available.

# FIRE-RATED DOORS & SHUTTERS

ROLLING

## CERD & CERC SERIES

- Manufactured to the stringent qualities of full-duty service doors, yet easily meet the most current fire protection standards.
- Operational choices include fail-safe motor-operated systems, hand crank (manual) and standard chain hoist operated systems.
- UL, FM and ULC Labeled for fire protection up to four hours to meet today's fire protection demands.
- Clopay fire doors and shutters may be easily and repeatedly drop tested and reset from the floor with no tool or equipment requirements.
- The service durability, simplicity of ownership and proven fire protection with E-Z reset option [standard on doors larger than 9' x 9' (2.7 m x 2.7 m)] make Clopay fire doors a logical choice for informed design professionals.



# COUNTER SHUTTERS

ROLLING

## CESC SERIES



- Manufactured to the stringent qualities of an ISO 9001:2008 registered manufacturer.
- Curtains are manufactured from 22 gauge Stainless or Galvanized steel, or 18 gauge Aluminum.
- Operational choices include manual push-up, chain hoist, manual crank or electrical motor operation.
- The variety of installation options, product longevity and curtain options makes Clopay Counter Doors a great choice for informed design professionals.



# SECURITY GRILLES

ROLLING

## CESG SERIES



## CESG SERIES



- After hours security and space separation with visibility and air flow.
- Stainless steel, various anodized aluminum finishes and galvanized steel options.
- Standard pattern grille in 3" (7.6 cm), 6" (15.2 cm) or 9" (22.9 cm) vertical spacing. Popular brick pattern and glazed opening grilles.
- Structural self-supporting tubes available for installation of grille before storefronts or walls are installed.

- Provide security and access control in openings to 12' (3.7 m) high with low headroom conditions.
- Custom radii and angles offered.
- Offered in clear or color anodized finishes.
- Manufactured to the stringent qualities of the ISO 9001:2008 registered manufacturer.

# ROLL-UP SHEET DOORS

ROLLING

## MODELS 150C, 157C, 160C



- 26 gauge hot-dipped galvanized steel curtain with a baked-on silicone polyester top coat.
- Roll-formed guides of hot-dipped galvanized steel (18 gauge 150C, 16 gauge 157C and 12 gauge 160C).
- Self-lubricating wearstrips on curtain prevent metal-to-metal contact and muffle door noise.
- Curtains are prepainted inside and out to inhibit rust. Hot-dipped, galvanized steel is painted with primer and given a tough oven-baked silicone polyester top coat, to provide the most rust-resistant steel door available.
- Heavy-duty bottom bar withstands the external elements.
- Full bulb-type bottom weatherstrip ensures proper fit along irregular floors.

# FOUR-FOLD DOORS

SPECIALTY



- Designed for speed, lite fold doors can open at rates up to 2 feet per second, minimizing heating and cooling losses and reducing waiting time critical in fast pace environments.
- Horizontal movement allows the door to be visible throughout opening travel, resulting in less possibility of being struck by moving traffic.
- Standard maintenance is minimized and includes applying grease to hinges and operators on an annual basis.
- Doors and operator components are designed for durability, and some have been tested to over 1 million cycles.
- Manual operation is quick and easy with the simple pull of a cord.

## INDUSTRIAL SLIDING DOORS



Industrial sliding door systems are used in a variety of applications that require durable long-life sliding systems. Sliding doors are available in both manual and power operation and can be designed with walk-through egress doors.

## TELESCOPING DOORS



Telescoping vertical lift doors are the answer for applications with large openings and high wind loads. The telescoping door panels are counterweighted for smooth operation along with easy emergency manual operation.

## SWING DOORS



Swing door systems are manufactured in a variety of sizes and materials to meet your building requirements. Systems are designed for maximum strength and durability in both manual and power operation.

## CRANE DOORS



Crane door systems are ideal for overhead crane access. Heavy-duty operators and components are designed for strength and reliability.

## FIRE DOORS



Fire door systems are available in a variety of configurations including single-slide, biparting and teleslide (multiple panel), making them truly versatile. Doors can be UL and FM Labeled for up to 4 hours and with a 250° F in 30 minute temperature rise rating. Options include pass doors, vision lites, power operation and monorail cutouts.

## HANGAR DOORS

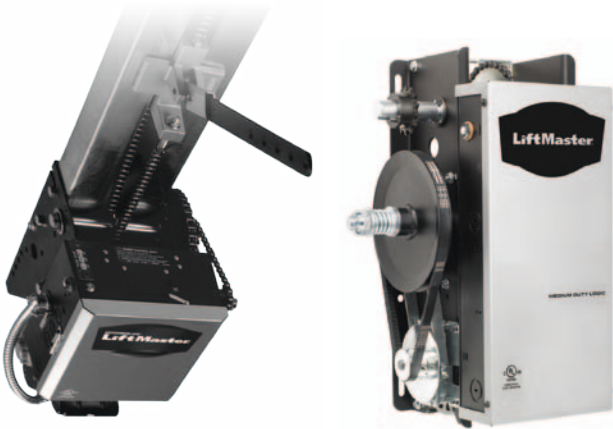


Hangar door systems are fabricated in factory modular assemblies with all components and weatherseals attached, saving time and money on installation and creating a truly weatherproof seal. A variety of configurations is available to meet your hangar access requirements.

The Tip-up Canopy hangar door system is a single piece upward-acting door system designed to maximize hangar access and withstand high wind loads while providing a weather-tight seal. The counterweighted operator system provides a smooth motion and easy manual operation.



# OPERATORS



Clopay offers a full line of commercial openers designed to fit most applications.

- Jackshaft and trolley-driven openers are available in AC or DC operation.
- Designed for single phase or 3 phase power.
- Belt driven or gear driven to meet your specification and requirements.
- Solenoid brakes are available on most models.
- Full line of safety equipment and accessories.

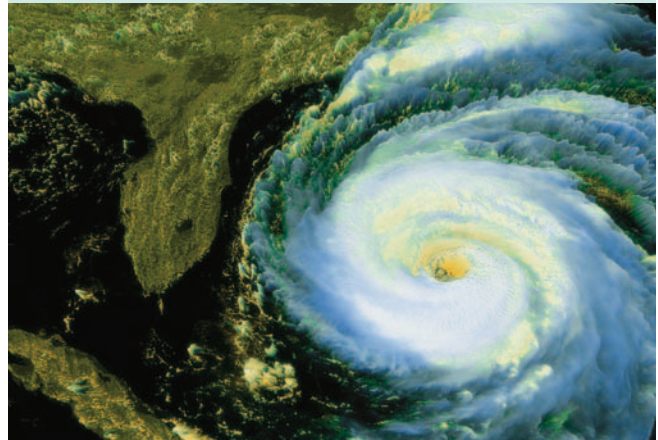
# ACCESSORIES



- Sensing edges.
- Red/Green traffic lights.
- Loop detectors.
- Car wash/corrosion resistant modification.
- Many other modifications and accessories to meet your project requirements.

# WINDCODE®

Clopay has been at the forefront of code compliant sectional door products for decades. From research and development to design assistance, Clopay is your source for WINDCODE® products. Clopay offers a variety of wind-loaded products in many different sizes and pressure ratings. Our continued emphasis on this important issue puts Clopay ahead of the competition.



Some of the benefits Clopay offers include:

- Professional engineering staff.
- Design recommendations.
- In-house testing facilities.
- Third-party independent testing verifications.
- Construction industry approvals: South Florida, Standard Building Code Congress, Texas Department of Insurance, North Carolina Building Code Council.
- In-house research and development at Clopay Building Products Technical Center in Cincinnati, Ohio.
- Dedicated building code product manager on staff.

# PRODUCT SELECTION CHART

SECTIONAL DOORS								
Model	Steel Emboss	Exterior Skin Pattern	Gauge	Section Thickness	Insulation	Max. Width*	Max. Height*	R-value
3730	Stucco	Light Ribbed	27	3" Premium	Polyurethane	14'2"	24'0"	22.2
3722	Stucco	Flush	20	2" Premium	Polyurethane	32'2"	24'0"	18.4
3720	Stucco	Light Ribbed	27	2" Premium	Polyurethane	32'2"	24'0"	18.4
3717	Stucco	Light Ribbed	27	1-3/4" Heavy Duty	Polyurethane	32'2"	24'0"	16.2
3718	Stucco	Flush	27	1-3/4" Heavy Duty	Polyurethane	32'2"	24'0"	16.2
3715	Stucco	Light Ribbed	27	1-3/8" Standard	Polyurethane	18'2"	16'0"	12.9
3300	Stucco	Light Ribbed	25	3" Premium	Polystyrene	28'2"	24'0"	12.15
3220	Stucco	Flush	20	2" Premium	Polystyrene	32'2"	24'0"	9.1
3200	Stucco	Light Ribbed	24	2" Heavy Duty	Polystyrene	32'2"	24'0"	9.1
3211	Woodgrain	Flush	24	2" Heavy Duty	Polystyrene	24'2"	18'0"	9.1
3213	Woodgrain	Raised Panel	24	2" Heavy Duty	Polystyrene	24'2"	18'0"	9.1
3150	Stucco	Light Ribbed	27	1-3/8" Standard	Polystyrene	18'2"	16'0"	6.5
3154	Woodgrain	Raised Panel	27	1-3/8" Standard	Polystyrene	18'2"	16'0"	6.5
3155	Woodgrain	Flush	27	1-3/8" Standard	Polystyrene	18'2"	16'0"	6.5
520 (S,V)	Smooth	Light+Deep Ribs	20	2" Premium	Polystyrene or Non-insulated	30'2"	24'0"	6.6**
524 (S,V)	Smooth	Light+Deep Ribs	24	2" Heavy Duty	Polystyrene or Non-insulated	26'2"	24'0"	6.6**
525 (S,V)	Smooth	Light+Deep Ribs	25	2" Standard	Polystyrene or Non-insulated	20'2"	18'0"	6.6**
664 (S,V)	Woodgrain	Raised Panel	24	2" Heavy Duty	Polystyrene or Non-insulated	20'0"	18'0"	6.3**
903	–	Aluminum/Glass	–	2" Premium	–	24'2"	20'0"	–
811	–	Chain Link						
812	–	Stainless Steel						


\*Consult CIA for large sizes. All widths may not be available in all heights. \*\*For insulated models (S,V) only.

## ROLLING STEEL DOORS

Service Doors						
Model	Description	Insulation	Gauge	R-value	Slat Material	
CESD10	Heavy Duty Service Door	Non-insulated	18 to 24	–	Aluminum, Galvanized or Stainless Steel	
CESD20	Heavy Duty Service Door	Insulated	18 to 24	8.1	Aluminum, Galvanized or Stainless Steel	
CERD10	Heavy Duty Fire Rated Service Door	Non-insulated	18 to 22	–	Galvanized Steel or Stainless Steel	
CERD20	Heavy Duty Fire Rated Service Door	Insulated	18 to 22	8.1	Galvanized Steel or Stainless Steel	
CERD11	Heavy Duty Fire & Smoke Rated Service Door	Non-insulated	18 to 22	–	Galvanized Steel or Stainless Steel	
CERD21	Heavy Duty Fire & Smoke Rated Service Door	Insulated	18 to 22	8.1	–	
Counter Doors						
Model	Description	Insulation	Gauge	R-value	Slat Material	
CESC10	Standard Counter Door	–	18 or 22	–	Aluminum, Galvanized or Stainless Steel	
CESC20	Standard Counter Door with Integral Frame	–	18 or 22	–	Aluminum, Galvanized or Stainless Steel	
CERC10	Standard Fire Rated Counter Door	–	22	–	Galvanized or Stainless Steel	
CERC20	Standard Fire Rated Counter Door with Integral Frame	–	22	–	Galvanized or Stainless Steel	
Security Grilles						
Model	Description	Pattern			Material	
CESG10	Rolling Grille	Standard			Stainless Steel or Galvanized Steel	
CESG11	Lexan™ Glazed Rolling Grille	Lexan™			Stainless Steel or Galvanized Steel	
CESG12	Rolling Grille	Brick			Stainless Steel or Galvanized Steel	
CESG30	Side Folding (accordion) Grille	Standard (9", 6" or 3" wide by 2" high)			Aluminum	
CESG31	Side Folding Lexan™ or Solid Grille	Solid or Lexan™			Aluminum	
Rolling Sheet Doors						
Model	Description	Insulation	Curtain Gauge	Coil	Material	
160C	Heavy Duty	Available	26	12"	Galvanized Steel	
157C	Medium Duty	Available	26	12"	Galvanized Steel	
150C	Light Duty	Available	26	9"	Galvanized Steel	

## SPECIALTY DOORS

Model	Description
SP	Available in wide variety of product offerings and door types.


 For more information on these and other Clopay products, call 1-800-526-4301 or visit [www.clopaycommercial.com](http://www.clopaycommercial.com)