



**MODELS**

**3200 • 3203**



## FEATURES

### Model 3200 and Model 3203

These high quality doors are designed for commercial and industrial facilities and provide the durability of a full 24 gauge, heavy-duty exterior steel skin in an energy efficient door system.



#### Rust-proof

Panels are preprimed inside and out to inhibit rust. Hot-dipped, galvanized steel is painted with primer and given a tough oven-baked polyester top coat, to provide the most rust-resistant steel door available. Ten year warranty against rust-through.



#### Ribbed Panel Design

• 2" thick insulated "sandwich" construction consists of exterior and interior steel skins pressure bonded to an environmentally safe polystyrene core for greater strength and quieter operation. Sectional U-value .11, R-value 9.1

- Both steel skins are separated by a continuous silicone filling to form an efficient thermal break
- Tongue-and-groove section joint for exceptional strength and thermal sealing

• Virtually maintenance-free because of Clopay's three stage rust-proofing and prepriming process

• Attractive stucco embossed (3200) or woodgrain elegant raised panel (3203) steel skins are preprimed inside and out for a durable, maintenance-free finish

• Superior dent resistance and greater security are provided by a full 24 gauge exterior steel skin



## HEAVY-DUTY 2" THERMALLY BROKEN STEEL DOORS

**Quality Assurance** – Doors shall be insulated steel sectional overhead type as manufactured by Clopay Building Products Company. Each door is provided as one complete unit including sections, brackets, tracks, counterbalance mechanisms, hardware (list options) to suit the opening and headroom available. Standard maximum door size 26'2" wide x 18'0" high (3200), and 18'2" wide x 14'0" high (3203).

**Materials and Construction** – Sections shall be 2" thick sandwich construction consisting of exterior and interior steel skins, pressure bonded to an expanded polystyrene core. Both steel skins to be separated by a continuous silicone filling forming a thermal break. Steel skins shall be roll formed commercial quality hot-dipped galvanized per ASTM A-924, A-653, phosphate coated, prepainted with primer and baked-on polyester top coat. Door sections constructed of full 24 gauge (.023" min.) exterior and 27 gauge (.016" min.) interior skins. 3200 to be stucco emboss texture interior and exterior with .040" minor ribs, 4" or 5" on center. 3203 to be elegant raised panel exterior design with woodgrain emboss texture, stucco emboss interior. 18 gauge or 16 gauge steel end stiles shall be galvanized, primed and baked-on polyester top coated in white. All stiles engineered for easy hardware attachment through prepunched holes, double end stiles as required. 19 gauge galvanized, primed steel support plates located under each hinge location, prepunched for hinge attachment. Full length .050" aluminum astragal retainer. Astragal to be U-shaped flexible PVC vinyl. Section joint to form weathertight tongue-and-groove joint. Three inch galvanized steel step plate/lift handle provided on bottom section.

**Energy Values** – Section: U = .11, R = 9.1

**Finish** – Exterior and interior steel skins prefinished with a one full mil 3-coat process of a baked-on polyester top coat over primer on a phosphate coating. White or brown exterior; white interior (3200). White, brown or almond exterior; white interior (3203). FINISH GUARANTEED AGAINST RUST-THROUGH FOR A FULL TEN YEARS, SECTIONS AGAINST DELAMINATION FOR A FULL TEN YEARS.

**Hardware** – All hinges and brackets to be manufactured of hot-dipped galvanized steel, 14 gauge minimum. Ten ball steel rollers to be full floating ball bearing in case-hardened steel races, mounted to fit the taper of the track.

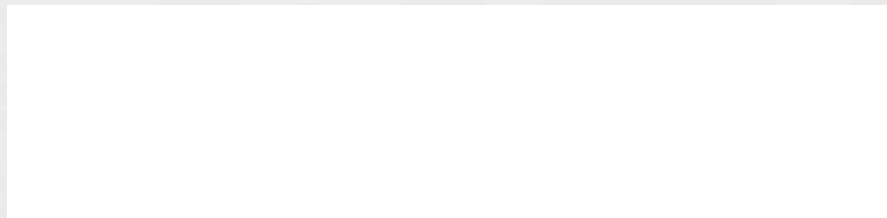
**Tracks** – 2" or 3" track. Vertical tracks to be minimum of 16 gauge galvanized steel tapered and mounted for wedge type closing. Horizontal tracks to be minimum 14 gauge galvanized steel, reinforced with minimum 13 gauge galvanized steel angles as required. 3" track is 12 gauge.

**Spring Counterbalance** – Door assembly to be operated by a torsion spring counterbalance mechanism, with a helically wound oil tempered torsion spring mounted on a galvanized steel tube or solid steel shaft as required. Cable drums are die cast aluminum with high strength galvanized aircraft cable with minimum 7 to 1 safety factor.

**Locking** – Inside spring loaded slide bolt lock on end stile shall engage slot in track.

**Wind Loading** – Door shall comply with ANSI/DASMA 108 or to meet specific application requirements.

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For special applications and options, consult Commercial Information Assistance (CIA) at 1-800-526-4301.

### OPTIONS

- A. Glazing** – 3200: 24" x 8", 28" x 14" and 40" x 14" window lites of cellular PVC frame construction; glazing options include 1/8" DSB, 1/8" plexiglass and 3/4" insulated glass. Full vision section, prepainted white or brown; glazing options include 1/8" DSB, 1/8" plexiglass and 1/4" wire and 1/2" insulated glass. 3203: 19-1/2" x 12" window lite of cellular PVC frame construction; glazing options include 1/8" DSB, 1/8" plexiglass and 1/2" insulated glass.
- B. High Cycle Spring** – Available in 25,000; 50,000; 100,000 cycles.
- C. Joint Seal** – Available durable compression seal can be field applied to stop air infiltration.
- D. Track** – Vertical lift, high lift, follow the roof slope and low headroom track available. Two inch or three inch as required.
- E. Weatherstripping** – Complete perimeter seals available in various materials.
- F. Locking** – Five pin cylinder lock with outside key, located at the first hinge location from right-hand side.
- G. Mullions** – Carry-away and rollaway available on doors to 14' high (2" track only).
- H. Pass Door** – Available on Model 3200 2'8" wide, maximum 14'2" wide sections.
- I. Installation** – Install door including sections, brackets, guides, tracks, etc. in accordance with final shop drawings (if required) and instructions by Clopay Building Products Company.
- J. Break-Away Bottom Section** – Available up to 20' 2" wide on doors with full vertical lift track or high lift track with minimum of 36" of high lift.

### MODEL 3200

#### WINDOW OPTIONS

Door Width	Max # of Window Lites
Up to 9'2"	2
9'4" to 13'2"	3
13'4" to 16'2"	4
16'4" to 20' 2"	5
20'4" to 24' 2"	6
24'4" to 26' 2"	7

#### SECTION ARRANGEMENT

Door Height	# of Sections
Up to 8'0"	4
8'3" to 10'0"	5
10'3" to 12'0"	6
12'3" to 14'0"	7
14'3" to 16'0"	8
16'3" to 18'0"	9

### MODEL 3203

#### WINDOW OPTIONS

Door Width	Max # of Window Lites
8'0" to 9'10"	4
10'0" to 11'10"	5
12'0" to 13'10"	6
14'0" to 15'10"	7
16'0" to 18'2"	8

#### SECTION ARRANGEMENT

Door Height	# of Sections
Up to 7'0"	4
7'6" to 8'9"	5
9'0" to 10'6"	6
10'9" to 12'3"	7
12'6" to 14'0"	8

