



CLOPAY MODEL 902·903

DELUXE ALUMINUM FULL VIEW DOOR

Quality Assurance – Doors shall be aluminum 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.

Materials and Construction – Sections to be 2-1/8" thick (6063-T5) anodized or prepainted extruded aluminum with reinforcing integral fin. Vertical end stiles and center stiles are fastened together with rails by a full-length galvanized steel 5/16" threaded rod and flange nuts. Enclosed top rails to be 3-1/2" wide and bottom rails to be 3-1/2" or 4-1/2" as required. Meeting rails 2-13/16" wide, and end stiles 3-1/2" wide. Meeting rails to form a tongue-and-groove joint. Model 902 center to center panel distance is 44". Model 903 panels are equal width across the section. Panel options include .050" anodized or prepainted aluminum, 1/2" insulated, 1/8" plexiglass, 1/4" polycarbonate, 1/8" DSB and 1/4" wire glass. Panels or glass are sealed with a hot melt adhesive and secured with a locking retainer. Glazing or aluminum panels are preinstalled and shipped as one complete unit. Astragal to be U-shape PVC vinyl.

Hardware – Rollers to have ten ball steel full floating ball bearings in case-hardened steel races, mounted to fit the taper of the track. Roller hinges to be minimum 14 gauge and top and bottom brackets to be minimum 12 gauge galvanized steel.

Tracks – 2" and 3" track as required. Vertical tracks to be a 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 angles as required. 3" tracks are 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 to be cast aluminum with galvanized aircraft cable, 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.

GLAZING OPTIONS

| Glazing Material | Standard Sizes Available | Standard Colors Available | Aluminum Panel |
|----------------------|--------------------------------------|---|---|
| 1/8" DSB glazing | Up to 22'2" x 18' | White, Brown, and Clear Anodized Aluminum | .050" Anodized or Prepainted Aluminum |
| 1/8" Plexiglass | Up to 24'2" x 18' | White, Brown, and Clear Anodized Aluminum | .050" Anodized or Prepainted Aluminum |
| 1/2" Insulated glass | Up to 20'2" x 18' | White, Brown, and Clear Anodized Aluminum | Polystyrene Sandwiched Between (2) .050" Anodized or Prepainted Aluminum Sheets |
| 1/4" Wire glass | Up to 20'2" x 18' | White, Brown, and Clear Anodized Aluminum | .050" Anodized or Prepainted Aluminum |
| 1/4" Polycarbonate | Up to 24'2" x 18' | White, Brown, and Clear Anodized Aluminum | .050" Anodized or Prepainted Aluminum |
| Custom | Varies Depending on Glazing Material | Custom Available | Varies Depending on Glazing Material |

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OPTIONS

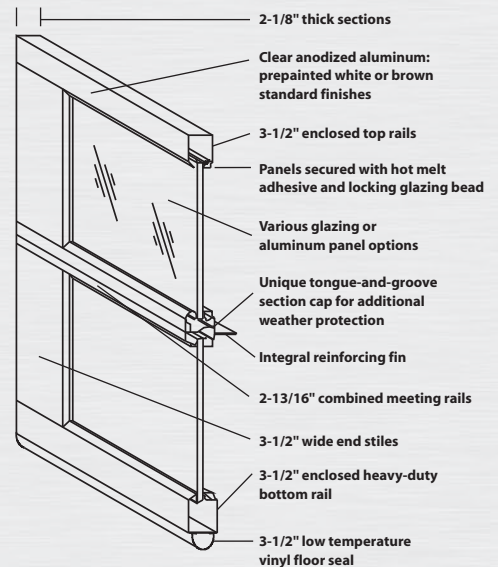
- A. Glazing** – 1/2" insulated, 1/8" plexiglass, 1/4" wire glass, 1/8" DSB glass, and 1/4" polycarbonate.
- B. Track** – Vertical lift, follow-the-roof slope, high lift and low headroom track available. Two inch and three inch tracks as required.
- C. Exhaust Ports** – Available in bottom aluminum panel.
- D. Finishes** – High luster, clear anodized, or prepainted white or brown standard; medium bronze or black anodized, powder coat paint optional.
- E. Mullions** – Carry-away and roll-away available on doors to 14' high (2" track only). Swing-away available on doors to 20' high (2" and 3" track).
- F. Weatherstripping** – Complete perimeter seals available in various materials.
- G. Installation** – Install door including sections, brackets, guides, tracks, etc. in accordance with final shop drawings (if required) and instructions by Clopay Building Products Company.

PANEL ARRANGEMENT

| Door Width | Number of Panels |
|----------------|------------------|
| 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 |

SECTION ARRANGEMENT

| Door Height | Number 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 |



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