



MODEL 902



FEATURES

Model 902

Both standard exterior and "partitioned" interior applications requiring high light transmission and visibility are satisfied by using the durable and attractive Model 902.



Available with polycarbonate glazing.

- 2-1/8" thick construction, 6063-T5 extruded aluminum alloy with integral reinforcing fin for maximum durability.
- Exclusive, capped rail construction helps seal out the elements and adds to door durability.
- Tongue-and-groove meeting rail.
- High security design features a locking panel retainer.
- Standard finishes in high luster clear anodized or prepainted white or brown to complement most building designs.
- Available with insulated glass, DSB, plexiglass, wire glass, tempered glass, polycarbonate and aluminum panel options.
- Variety of options available to customize a door to your design and job requirements.





CLOPAY MODEL 902

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. Standard maximum size 20' 2" wide x 18' 0" high with DSB, plexiglass, and polycarbonate, 16'2" wide x 18'0" high with 1/2" insulated and 1/4" wire glass.

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 and bottom rails to be 3-1/2" wide. Meeting rails 2-13/16" wide, and end stiles 3-1/2" wide. Meeting rails to form a tongue-and-groove joint. 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.

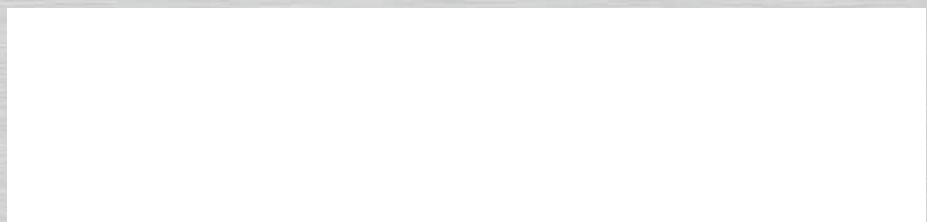
Locking – Inside spring loaded slide bolt lock on end stile shall engage slot in track.

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

GLAZING OPTIONS

Glazing Material	Sizes Available	Colors Available	Aluminum Panel
1/8" DSB glazing	Up to 20'2" x 18'	White, Brown, and Clear Anodized Aluminum	.050" Anodized or Prepainted Aluminum
1/8" Plexiglass	Up to 20'2" x 18'	White, Brown, and Clear Anodized Aluminum	.050" Anodized or Prepainted Aluminum
1/2" Insulated glass	Up to 16'2" x 18'	White, Brown, and Clear Anodized Aluminum	Polystyrene Sandwiched Between (2) .050" Anodized or Prepainted Aluminum Sheets
1/4" Wire glass	Up to 16'2" x 18'	White, Brown, and Clear Anodized Aluminum	.050" Anodized or Prepainted Aluminum
1/4" Polycarbonate	Up to 20' 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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For special applications and options, consult Commercial Information Assistance (CIA) at 1-800-526-4301.

OPTIONS

- A. Glazing** – 1/2" insulated, .050" anodized or prepainted aluminum, 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).
- 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 12'2"	3
12'4" to 16'2"	4
16'4" to 20'2"	5

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

