

Specification Sheet: Model 3295 Aluminum Full-Vision Commercial Door

Door Sections:

Sections:	18", 21" or 24" high by width of door.
Rail and Stile Material:	6063-T6 clear anodized aluminum (optional white stiles and rails).
Section Thickness:	2"
Panel Profile:	Stile and rail.
Joint Design:	Tongue and groove rails.
End Stiles:	4" or 8" face, thru bolted to rails.
Center Stiles:	2" face, thru bolted to rails.
Bottom Rail	4" or 8" face, full width of section.
Intermediate Rails:	2" face, full width of section.
Top Rail:	4" face, full width of section.
Glazing:	Optional field glazing, 1/8" DSB glass trimmed with flexible PVC seal. Glazing strips rigid PVC. Optional 1/4" tempered glass, 1/8" polycarbonate, 1/2" insulated glass, 1/2" tempered insulated glass or aluminum panels available.
Insulation:	3/8" insulation available with aluminum panels.

Tracks:

2" tracks are roll-formed 17 gauge galvanized steel for doors up through 8'-0" in height. Doors over 8'-0" through 10'-0" will be 16 gauge track. Doors exceeding 10'-0" in height will be 14 gauge track. All 3" track will be 12 gauge. Tracks to be mounted with track brackets, clip mount angle or continuous jamb angle. Lower tracks are adjustable to ensure weather-tight fit. Horizontal tracks to be reinforced with angle (min 13 gauge) according to door size and weight.

Hardware:

Graduated heavy duty hinges (min 14 gauge), top fixtures (min 12 gauge) and bottom fixtures (min 13 gauge) are made of galvanized steel. Rollers have 10 ball bearings with case-hardened steel tire.

Spring Counterbalance:

Oil tempered torsion springs are mounted on a cross-header shaft supported by galvanized steel ball bearing end plates and center bracket(s). Springs are custom designed for exact door weight, size and trajectory in accordance with current ANSI 102 standards for a minimum of 10,000 cycles. Counterbalance is transferred through galvanized aircraft quality cables secured to bottom of door. Springs may be custom specified for higher cycles when available.

Trussing:

Trussing provided according to door size and design.

Weather-seal:

Double contact vinyl floor seal full width of door.
 Optional header and jamb seals.

Locking:

Optional inside side lock.

Installation / Framing:

Torsion spring mounting pads, jamb plates, header plates and associated track system hangers shall be furnished by other than C.H.I. All installation quality and workmanship is responsibility of Contractor and is to be executed in accordance with C.H.I. installation instructions, local and state building codes and work site safety regulations.