

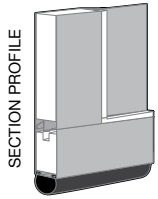
Model 3297

Full-View Aluminum

chiohd.com

1485 Sunrise Dr.
Arthur, IL 61911
Phone: (800) 677-2650

STANDARD FEATURES *24'2" x 16'0" Maximum Dimensions*



- 2" thick sections
- Tongue and groove section joints
- Weather seal on section joint
- 18", 21", and 24" section heights
- Polystyrene insulated stiles and rails
- Through-bolted stiles with c-channel coupling
- 2" center stile
- 4" end stile
- 8" double end stile
- Available in 3" height increments
- PVC bottom seal
- ¹R-Value = 3.07
- ²U-Factor = 0.88
- ²Air Infiltration = 0.20
- ³STC Rating = 27

COLORS

CLEAR ANODIZED, POWDER COAT

TRACK

- 15" radius bracket mount track
- Up to 8'0" height - 17 gauge 2" track
- 8'3" to 10'0" height - 16 gauge 2" track
- 10'3" to 14'0" height - 14 gauge 2" track
- Over 14'0" height - 12 gauge 3" track
- Vertical track to be mounted with track brackets, clip mount angle, or continuous jamb angle.
- Horizontal track to be reinforced with 13 gauge angle according to door size and weight.

HARDWARE

- Graduated hinges - 14 gauge
- Top fixtures - 12 gauge
- Bottom fixtures - 13 gauge
- Over 16'2" width - Double end hinges
- Rollers - 10 ball bearing
 - Case hardened steel tire
 - Solid shaft

SPRING COUNTERBALANCE

Torsion springs 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 according to current ANSI/DASMA 102 standards for a minimum of 10,000 cycles. Counterbalanced with galvanized aircraft quality cables secured to the bottom of the door. 20,000, 50,000, and 100,000 cycle springs are available as an upgrade option.

STRUTTING

Aluminum strutting provided according to door size and design.

SECURITY OPTIONS *No lock is standard*

- Inside slide lock - Torsion spring required

GLAZING *Standard or Tempered Options*

- | | | | | | |
|----------------|------------------------------|----------------|--------------------------------|--------------------------|---------------|
| • Glazing 1/8" | - Plain (DSB) | • Glazing 1/4" | - Plain (DSB) | • Insulated Glazing 1/2" | - Plain (DSB) |
| | - Obscure | | - Obscure | | - Obscure |
| | - Tinted | | - Tinted | | - Tinted |
| | - Polycarbonate [†] | | - Clear Laminated [†] | | - Frosted |
| | | | - White Laminated [†] | | - Low E |

FRAMING / INSTALLATION

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.

¹R-value calculation is in accordance with ANSI/DASMA 163 and ASTM C518 standards.

²Thermal transmittance and air infiltration testing in accordance with ANSI/DASMA 105 and ASTM E283 standards.

³ASTM E90-09, Standard test method for laboratory measurement of airborne sound transmission of building partitions and elements.

[†]Calculations do not account for options including but not limited to windows and/or exhaust ports.

[†]Tempered not available.



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