



Model 3281

Flush

chiohd.com

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STANDARD FEATURES *28'2" x 20'0" Maximum Dimensions*



- Flush appearance
- 2" thick sections
- Tongue and groove section joints
- 24 gauge wood grain embossed face steel
- 27 gauge wood grain embossed interior steel
- 21" and 24" section heights
- End stiles - 20 gauge
- 1-13/16" polystyrene insulation
- Center stile in top section [all widths]
- Full height vertical hardware attachment plates
- Available in 3" height increments [excluding 6'3", 6'6", 6'9", 8'3", 8'6", and 10'3"]
- U-shaped bottom astragal with aluminum retainer
- R-Value¹ = 10.29
- Pass door capable

COLORS

WHITE, POWDER COAT, LOGO DOORS

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

Galvanized strutting provided according to door size and design.

SECURITY OPTIONS *No lock is standard*

- Inside slide lock - Torsion spring required
- Outside center lock - Not available with 3" track
- Double lock bar - Not available with 3" track - Not available with doors over 18' wide

GLAZING *1" Insulated glass*

- Glazing Types - Plain [DSB]
 - Tinted
 - Tempered
- Full-View Aluminum section
- Black Oval Frame 1/2" Polycarbonate - 24" x 12"
- Glazing Dimensions - 24" x 6"
 - 24" x 12"
 - 34" x 16"

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.

²Calculations do not account for options including but not limited to windows and/or exhaust ports.



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