



Flush



chiohd.com

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STANDARD FEATURES 40'2" x 20'0" Maximum Dimensions, Restrictions3 apply



- Flush appearance
- 2" thick sections
- · Thermally-broken tongue and groove section joints
- · 26 gauge wood grain embossed face steel
- 27 gauge wood grain embossed interior steel
- 18", 21", and 24" section heights
- End stiles 20 gauge
- 1-7/8" CFC, HFC, HCFC, and PFA free polyurethane Air Infiltration¹ = 0.10 insulation. Non-VOC, zero-GWP and zero-ODP.
 - Montreal, Kyoto and EPA SNAP compliant
- · Full height vertical hardware attachment plates
- · Available in 3" height increments

- Standard lift doors up to 32'0" tall available at narrower widths. Restrictions³ apply.
- U-shaped bottom astragal with aluminum retainer
- · DASMA Thermal Verification Program, IECC, ASHRAE 90.1 and California Title 24 compliant
- $U-Factor^1 = 0.19$
- $R-Value^2 = 17.54$
- STC Rating⁴ = 21
- Flame Spread [FSI] = 0
- Smoke Development [SDI] = 350
- · Pass door capable

COLORS

WHITE, ALMOND, SANDSTONE, BROWN, BLACK, GRAY, POWDER COAT⁵, 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.

¹Thermal transmittance and air infiltration testing in accordance with ANSI/DASMA 105 and ASTM E283 standards

²R-value calculation is in accordance with ANSI/DASMA 163 and ASTM C518 standards.

³Call for availability of doors over maximum dimensions.

ASTM E90-09, Standard test method for laboratory measurement of airborne sound transmission of building partitions and elements 5Maximum width of Powder Coat is 20'2"

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

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All information presented is based on the specifications and features available at the time the document was created and is subject to change without notice