Commercial Sectional

Insulated Sandwich & Ribbed Steel Doors

The Quality Garage Door™
Commercial Sectional Doors

Commercial Garage Doors need to be tough enough to withstand daily operations in even the most demanding environments and add a striking appearance to your building’s façade.

Whether you need a commercial sectional door to add that finishing touch for your project’s exterior or you need doors to fulfill a critical function in your building, C.H.I. offers a wide selection of insulated and non-insulated commercial upward acting doors along with the right commercial operator to fit your exact specifications.

Tough, Reliable, and Appealing
Insulated Sandwich Doors

DURABLE, THERMALLY-EFFICIENT DOORS

Regardless of your specific application, C.H.I. offers a premium insulated door product guaranteed to deliver years of dependable operation. Our sandwich models are constructed in a variety of gauges and are available in both polyurethane and polystyrene insulation options for those applications that demand the best in thermal efficiency and value. And, if you’re looking to enhance your buildings aesthetics, our sandwich doors are available powdercoated in over 188 different colors!

<table>
<thead>
<tr>
<th>Model</th>
<th>Exterior Profile</th>
<th>Steel Gauge</th>
<th>R-Value1</th>
<th>U-Value</th>
<th>Max. Size3</th>
<th>Exterior Colors5</th>
</tr>
</thead>
<tbody>
<tr>
<td>3206</td>
<td>Micro-grooved</td>
<td>28 ga/28 ga</td>
<td>13.68/0.073</td>
<td>0.2</td>
<td>18’2”x16’</td>
<td>White</td>
</tr>
<tr>
<td>3216</td>
<td>Micro-grooved</td>
<td>26 ga/27 ga</td>
<td>17.54/0.057</td>
<td>0.19</td>
<td>30’2”x20’ /32’x18’</td>
<td>White, Almond, Sandstone, Brown, Black, Gray, PC</td>
</tr>
<tr>
<td>3217</td>
<td>Flush</td>
<td>26 ga/27 ga</td>
<td>17.54/0.057</td>
<td>0.19</td>
<td>30’2”x20’ /32’x18’</td>
<td>White, Almond, Sandstone, Brown, Black, Gray, PC</td>
</tr>
<tr>
<td>3212</td>
<td>Micro-grooved</td>
<td>20 ga/27 ga</td>
<td>26.89/0.037</td>
<td>0.12</td>
<td>24’2” x 16’</td>
<td>White, PC</td>
</tr>
<tr>
<td>3236</td>
<td>Micro-grooved</td>
<td>26 ga/27 ga</td>
<td>26.89/0.037</td>
<td>0.12</td>
<td>40’2” x 20’</td>
<td>White, Sandstone, Brown</td>
</tr>
<tr>
<td>3285</td>
<td>Micro-grooved</td>
<td>26 ga/27 ga</td>
<td>10.29/0.097</td>
<td>N/A</td>
<td>28’2” x 20’</td>
<td>White, Almond, Sandstone, Brown, Black, Gray, PC</td>
</tr>
<tr>
<td>3286</td>
<td>Flush</td>
<td>26 ga/27 ga</td>
<td>10.29/0.097</td>
<td>N/A</td>
<td>28’2” x 20’</td>
<td>White, Almond, Sandstone, Brown, Black, Gray, PC</td>
</tr>
<tr>
<td>3282</td>
<td>Micro-grooved</td>
<td>24 ga/27 ga</td>
<td>24.27/0.024</td>
<td>0.12</td>
<td>28’2” x 20’</td>
<td>White, PC</td>
</tr>
<tr>
<td>3281</td>
<td>Flush</td>
<td>24 ga/27 ga</td>
<td>24.27/0.024</td>
<td>0.12</td>
<td>28’2” x 20’</td>
<td>White, PC</td>
</tr>
</tbody>
</table>

1 R-Values have been calculated in accordance with ASTM C518 Standards
2 U-Factor has been Independently tested in accordance with ANDI/DASMA 105-2015 standards
3 Powder coat available on doors up to 32’2” wide
4 Models 3216 and 3217 available in 40’2” x 18’ in White, Almond & Sandstone only
5 PC = doors available in 188 powder coated options

EXTERIOR PANEL PROFILE

- Micro-grooved: Features four evenly spaced micro-grooves running horizontally across each section.
- Flush: Doors have a textured skin and offer a clean appearance.

SECTION CONSTRUCTION

- Sections include a thermal break eliminating thermal conduction
- Concealed steel back-up plates run from top to bottom of each section for secure hardware attachment
- Bottom “U” type astragal is a standard feature
- White painted end stiles are 4” to 8” wide to accommodate double or single-end hinges
- Polyurethane Insulation is HFC-free

COMMERCIAL SECTIONAL DOORS
Ribbed Steel Doors

RELIABLE PERFORMANCE
C.H.I. ribbed steel doors provide powerful performance and rugged reliability for a wide variety of commercial, warehouse, and industrial applications. Our pan-constructed overhead doors are available in both insulated and non-insulated versions as well as a variety of gauges so you can specify the right door for the application you need.

COMMERCIAL SECTIONAL DOORS

RIBBED STEEL MODEL SELECTION CHART

<table>
<thead>
<tr>
<th>Construction/Thickness</th>
<th>Model</th>
<th>Steel Gauge (Exterior)</th>
<th>R-Value1/ U-Value</th>
<th>Max. Size2</th>
<th>Exterior Colors3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pan - No Insulation</td>
<td>3250</td>
<td>25 gauge</td>
<td>N/A</td>
<td>20'2&quot; x 16'0&quot;</td>
<td>White, PC</td>
</tr>
<tr>
<td></td>
<td>3240</td>
<td>24 gauge</td>
<td></td>
<td>34'2&quot; x 20'0&quot;</td>
<td>White, Sandstone, Brown, Gray, PC</td>
</tr>
<tr>
<td></td>
<td>3220</td>
<td>20 gauge</td>
<td></td>
<td>24'2&quot; x 16'0&quot;</td>
<td>White, PC</td>
</tr>
<tr>
<td>Pan - Polystyrene Insulation with high impact vinyl back cover</td>
<td>3251</td>
<td>25 gauge</td>
<td>8.0/.13</td>
<td>20'2&quot; x 16'0&quot;</td>
<td>White, PC</td>
</tr>
<tr>
<td></td>
<td>3241</td>
<td>24 gauge</td>
<td></td>
<td>34'2&quot; x 18'0&quot;</td>
<td>White, Sandstone, Brown, Gray, PC</td>
</tr>
<tr>
<td></td>
<td>3221</td>
<td>20 gauge</td>
<td></td>
<td>24'2&quot; x 16'0&quot;</td>
<td>White, PC</td>
</tr>
<tr>
<td>Pan - Polystyrene Insulation with 27gauge steel back cover</td>
<td>3252</td>
<td>25 gauge</td>
<td>8.0/.13</td>
<td>20'2&quot; x 16'0&quot;</td>
<td>White, PC</td>
</tr>
<tr>
<td></td>
<td>3242</td>
<td>24 gauge</td>
<td></td>
<td>24'2&quot; x 18'0&quot;</td>
<td>White, Sandstone, Brown, Gray, PC</td>
</tr>
<tr>
<td></td>
<td>3222</td>
<td>20 gauge</td>
<td></td>
<td>24'2&quot; x 16'0&quot;</td>
<td>White, PC</td>
</tr>
</tbody>
</table>

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2 Powder coat available on doors up to 32'2" wide
3 PC = doors available in 188 powder coated options

CONSTRUCTION
- Roll-formed sections are 2" thick, hot-dipped galvanized with a baked-on polyester finish
- Section joints are tongue-and-groove
- Bottom "U" type astragal is a standard feature
- Center Stiles are boxed-shaped and galvanized, full height of section
- Stiles are riveted to inside rails and face of door versus glued for strength

EXTERIOR PANEL PROFILE
- Two horizontal ribs with alternating ‘v’ grooves

WANT TO SEE MORE?
Visit: chiohd.com/commercial-doors/ribbed-steel

R-Values have been calculated in accordance with ASTM C518 standards

CFC-free polystyrene insulation
Stiles include special clips to hold insulation retainer in position
COMMERCIAL SECTIONAL DOORS

KEY COMPONENTS

- **TRACK CONFIGURATIONS**
  - Tracks are 2" or 3", as specified or required
  - 3" track 12 gauge, 2" track gauge determined by door height
  - Available in bracket mount, clip angle mount or continuous angle mount
  - 12" or 12½" radius
  - 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.

- **SEALS**
  - Insulated Sandwich
    - Double contact bottom seal
    - Flexible gasket between sections
    - Optional header and jamb seals
  - Ribbed Steel
    - Double contact bottom floor seal full width of door.
    - Optional header and jamb seals

- **COLOR OPTIONS**
  - Almond
  - Sandstone
  - Brown
  - Gray
  - Black
  - White

  Our in-house powder coating provides 100’s of color options while providing a maintenance free, durable finish. Refer to your local C.H.I. Dealer for more information.

- **HARDWARE & SPRINGS**
  - Optional inside slide lock, outside center lock with automatic latch or double lock bar lock
  - 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 on a solid shaft
  - Trussing: galvanized trussing provided according to door size and design
  - 2" or 3" short-stein or long-stein ball bearing rollers
  - Heavy duty adjustable top roller brackets
  - Oil-tempered torsion springs are mounted on a cross-header shaft supported by ball bearing end plates and center bracket(s)
  - Springs are calculated for exact door weight, size and trajectory in accordance with current ANSI 102 standards for a minimum of 10,000 cycles
  - High cycle springs available

- **WINDSORED & IMPACT DOORS**
  - Wind chamber tested to ensure wind-load resistance, the C.H.I. Windbreaker Series and Slides doors provide enhanced defense against the elements. To find out what models are wind-load compliant go to: windloaddocfinder.chiohd.com
  - HFC-Free

- **Sound Transmission**
  - C.H.I. Insulated Sandwich Doors have been tested and certified for an STC (sound transmission class) Rating of 21.

- **IECC Compliant**
  - Models 3206, 3212, 3216, and 3236 are compliant with the requirements set forth by the International Energy Conservation Code (IECC) for operable fenestrations.

- **HFC-Free**

- **Commercial Warranty**
  - Part of owning a C.H.I. garage door is knowing that you can rely on the industry’s best warranty. To maintain proper operation, an annual service inspection by a C.H.I. dealer is encouraged. Details at chiohd.com/support

WINDSORED & IMPACT DOORS

- Full-view Aluminum window sections are available for both 2” thick Insulated Sandwich and Ribbed Steel doors for maximum visibility and light.

- Wind chamber tested to ensure wind-load resistance, the C.H.I. Windbreaker Series and Slides doors provide enhanced defense against the elements. To find out what models are wind-load compliant go to: windloaddocfinder.chiohd.com

- HFC-Free

- Models 3206, 3212, 3216, and 3236 are insulated with high quality, environmentally friendly HFC-free polyurethane insulation.

- C.H.I. Insulated Sandwich Doors have been tested and certified for an STC (sound transmission class) Rating of 21.

- Models 3206, 3212, 3216, and 3236 are compliant with the requirements set forth by the International Energy Conservation Code (IECC) for operable fenestrations.

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COMMERCIAL SECTIONAL DOORS

OPTIONAL FEATURES

- **WINDOW OPTIONS**
  - 24” x 6”
  - 24” x 12”
  - 34” x 10”
  - 24” x 12"

- **WINDOW SPECIFICATIONS**
  - Insulated Sandwich
    - 24”x6”, 24”x12”, 34”x16” frames with 1” insulated glass in matching colors to door exterior available for Insulated Sandwich models
    - Optional aluminum frame to match sizes and panel layout of steel sections
    - Optional field glazing, 1/8” DSB, 1/8” polycarbonate, 1/8” tempered, 1/4” tempered, 1/2” insulated glass or 1/2” tempered insulated glass as required
  - Ribbed Steel
    - 24”x6” or 24”x12” with 1/8” DSB or polycarbonate for Ribbed Doors
    - Optional aluminum frame to match sizes and panel layout of steel sections.
    - Optional field glazing, 1/8” DSB, 1/8” polycarbonate, 1/8” tempered, 1/4” tempered

- **COLOR OPTIONS**
  - Almond
  - Sandstone
  - Brown
  - Gray
  - Black
  - White

- Hot dipped galvanized coating with a solid polyester primer and topcoat in a variety of colors adds visual interest and protection against the elements.

- For exact color match, please contact your dealer for a color sample.
COMMERCIAL SECTIONAL DOORS

SPECIALTY APPLICATIONS

COMMERCIAL SECTIONAL DOORS

CHOOSING THE RIGHT DOOR

C.H.I. COMMERCIAL STEEL DOORS OFFER VERSATILITY & OPTIONS TO FIT MANY UNIQUE APPLICATIONS

From functional applications to adding aesthetic appeal, your C.H.I. dealer can help you specify the right door to exceed your expectations.

• Insulted Sandwich Doors
  • Conditioned Commercial Buildings
  • Fire/Ambulance Stations
  • Warehouse & Manufacturing Facilities
  • Heated/Cooled Agricultural Buildings
  • Truck Terminals

• Ribbed Steel
  • Dock Doors
  • Non-Insulated Commercial Spaces
  • Outbuildings & Sheds
  • Rental Storage Facilities

• Full-View Aluminum
  • Restaurants & Pubs
  • Indoor/Outdoor Spaces
  • Storefronts
  • Auto Dealerships & Service Centers
  • Fire Stations

The swing-up post option offers the ability to span a large opening as required. Each door can be operated independently when the full opening is not needed.

WANT TO SEE MORE?
Visit: chiohd.com/commercial
A BETTER BUYING EXPERIENCE

All C.H.I. doors, replacement parts, and accessories are sold only through our network of C.H.I. dealers: dedicated professionals who install and service our doors with the same quality and workmanship we use to manufacture them.

doorvisions.chiohd.com

Your Local Garage Door Professional