2026

SECTIONAL DOORS

COMMERCIAL PRODUCT GUIDE



C.H.I.® a NUCOR company

The Quality Garage Door.™







TOUGH, RELIABLE, & APPEALING

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.

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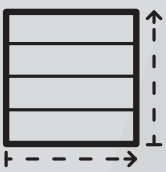
Full-View Aluminum



3295 shown optional powder coat and plain glass.

COMBINE HIGH-DESIGN AND FUNCTION

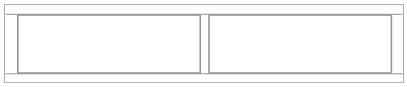
A clean modern look combined with flexibility, durability, and quality make this door the perfect choice for many applications. Choose from a variety of glass or solid panels to make your building project stand out from the rest.



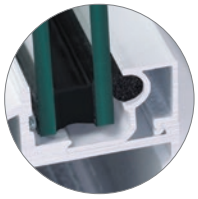
BEST MARKET USES

Restaurant / Pub • Extend Interior / Outdoor Spaces • Car Wash
Open Concepts • Storefronts • Auto Dealerships • Service Centers
Fire Departments • Modern Residential

EXTERIOR PANEL PROFILES



Full-View. Sleek and smooth aluminum frame that allow panoramic views.



Improved window and solid panel aluminum retainer design.

SECTION CONSTRUCTION

- Sections are 2 inches thick, and assembled with through bolts at each vertical stile location.
- Finishes are available in clear anodized or select one of our 188 RAL powder coat color options.
- Section joints are tongue-and-groove with added bulb seal.
- Insulated and 1/4" tempered glass is available in certain sizes. [Call your distributor for quote.]
- Substitute glass for insulated or non-insulated Aluminum panels.
- Easily replace damaged glass or aluminum panels with removable aluminum retainers.
- Full-View Aluminum window sections 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. Consult factory for additional glazing options.

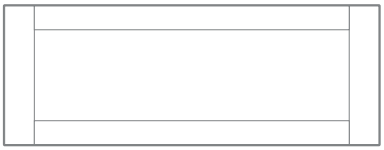
Full-View Aluminum **Model Comparison Chart**

Model	3295	3297
Exterior Panel Profile	Full-View	Full-View
Section Thickness	2in.	2in.
Aluminum Solid Panels	Insulated or Non-Insulated are available on all Models.	
Insulation Type	N/A 	Polystyrene 
Max Size[3]	24'2" x 20'0"	24'2" x 20'0"

Optional Features	
Finish[1]	Clear Anodized is available on all Models.
Woodgrains[1]	Light Cherry, Harvest Oak, American Walnut, and Black Onyx are available on all Models.
Powder Coating[1]	188 Colors are available on all Models.
Windows / Glass	Plain[3], Tinted, Obscure, and Frosted[3] are available on all Models. Additional options available.
Solid Panels	Insulated or Non-Insulated are available on all Models.
Warranty	10 Year Warranty available on all Models.

1 Refer to your local Dealer for exact color or finish match. **2** Special glass options available, check website for new options. **3** Laminated options available for Plain and Frosted glass.

WINDOWS A great way to provide visibility and natural lighting. Complete the look and functionality of your building with our window options.



Full-View Aluminum

WANT TO SEE MORE?
Visit chiohd.com/commercial-doors/full-view-aluminum

FINISH[1]

C.H.I. POWDER COAT[1] **COLORS** *All powder coat colors add 1-week lead time.*



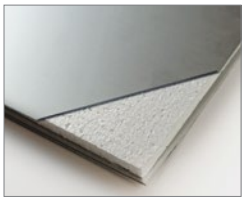
Clear Anodized | White | Almond | Sandstone | Brown | Bronze | Dark Bronze | Gray | Desert Tan | Black | Graphite | Iron Ore

WOODGRAINS[1]



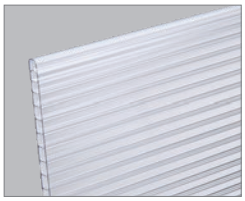
Light Cherry | Harvest Oak | American Walnut | Black Onyx

SECTION PANELS



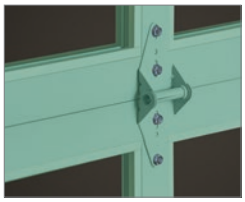
Polystyrene insulation available for solid sectional panels.

SPECIALTY GLASS



In addition to our standard glass offering, customize your door with specialty glass or special materials.

SEAMLESS UPGRADE



Hinges and track can be upgraded to match powder coated sections, creating a seamless appearance from the interior view.

Insulated Sandwich Doors

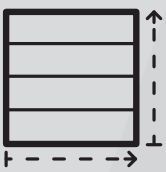


WANT TO SEE MORE?
Visit: chiohd.com/commercial-doors/insulated-sandwich

3216 shown brown with optional clear anodized full-view aluminum window sections.

DURABLE, THERMALLY-EFFICIENT DOORS.

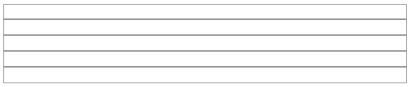
Regardless of your specific application, C.H.I. offers a premium insulated door product guaranteed to deliver years of dependable operation. Our sandwich models are constructed in a variety of gauges and are available in both polyurethane and polystyrene insulation options for those applications that 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!



BEST MARKET USES

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

EXTERIOR PANEL PROFILES



Micro-grooved. Features four evenly spaced micro-grooves running horizontally across each woodgrain embossed section.

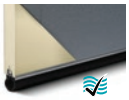
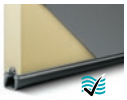
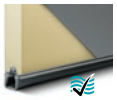
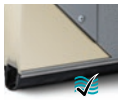


Flush. Flush doors have a woodgrain embossed skin and offer a clean appearance.

SECTION CONSTRUCTION

- Sections with polyurethane insulation 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.
- CFC, HFC, HCFC and PFA free and non-VOC polyurethane insulation. Foam to have zero Ozone Depletion Potential [ODP] and zero Global Warming Potential [GWP].
- Polystyrene insulation is CFC-free.
- 24”x6”, 24”x12”, or 34”x16” frames in matching colors to door exterior.
- 24”x12”black frames only available with 1/2” insulated polycarbonate.
- Full-View Aluminum window sections 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. Consult factory for additional glazing options.

Insulated Sandwich **Model Comparison Chart**

Model	3282	3285	3281	3286	3206	3207	3216	3212	3217	3236
Exterior Panel Profile	Micro-Grooved		Flush		Micro-Grooved	Flush	Micro-Grooved		Flush	Micro-Grooved
Section Thickness	2in.		2in.		1-1/2in.		2in.		2in.	3in.
Steel Gauge										
Exterior	24	26	24	26	27		26	20	26	26
Interior	27	27	27	27	27		27	27	27	27
Insulation Type	Polystyrene		Polystyrene		Polyurethane		Polyurethane		Polyurethane	Polyurethane
										
U-Factor[3] / R-Value[2]	R-10.29		R-10.29		**U-.19** / R-13.68		**U-.19** / R-17.54		**U-.19** / R-17.54	**U-.12** / R-26.89
Max Size	28’2” x 26’0”	28’2” x 28’0”	28’2” x 26’0”	28’2” x 28’0”	24’2” x 20’0”		40’2”x20’	20’2” x 24’0”	40’2”x20’	40’2” x 20’0”
Optional Features										
Colors[1]	White is available on all Models.									
Almond		•		•			•		•	
Sandstone		•		•			•		•	•
Brown		•		•			•		•	•
Gray		•		•			•		•	
Black		•		•	•	•	•		•	
Graphite		•		•			•		•	
Powder Coating[4]	188 Colors	188 Colors	188 Colors	188 Colors			188 Colors	188 Colors	188 Colors	
Windows	•	•	•	•	•	•	•	•	•	•
Glass	Plain and Tinted are available on all Models.									
Warranty	10 Year Warranty available on all Models.									

1 Refer to your local Dealer for exact color or finish match. **2** R-Values have been calculated in accordance with ASTM C518 standards. **3** U-Factor has been independantly tested in accordance with ANSI/DASMA 105-2015 standards. **4** PC = Polyurethane powder coat is limited to 20’2”. Polystyrene is limited to 28’2” based on that is the maximum length of models. Consult factory for larger sizes.

WINDOWS A great way to provide visibility and natural lighting. Complete the look and functionality of your building with our window options.



34” x 16”



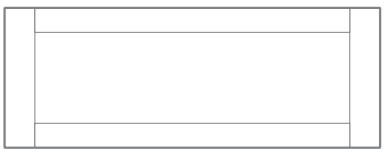
24” x 12”



24” x 12” Black Frames



24” x 6”



Full-View Aluminum
[not available on models 3206 or 3236]

COLORS[1]



White Almond Sandstone Brown Gray Black Graphite

POWDER COATING[1] [PC]



Choose 188 color options with our in-house powder coating.

1-Sided Steel Doors

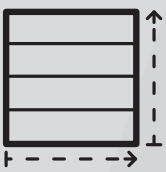


WANT TO SEE MORE?
Visit: chiohd.com/commercial-doors/ribbed-doors

3241 shown white with optional 24 x 12 windows and plain glass.

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 in a variety of gauges so you can specify the right door for the application you need.



BEST MARKET USES

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

EXTERIOR PANEL PROFILES

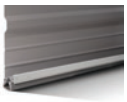
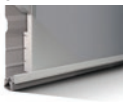
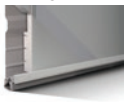


Ribbed. Features two horizontal ribs with alternating “V” grooves across each smooth finished section.

SECTION CONSTRUCTION

- Sections are 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.
- Stiles include special clips to hold insulation retainer in position.
- Polystyrene Insulation is CFC-free.
- 24”x6” or 24”x12” frames in matching colors to door exterior available with 1/8” DSB or polycarbonate and 3/4” insulated glass. Tempered options are available.
- Full-View Aluminum window sections 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. Consult factory for additional glazing options.

1-Sided Steel Model Comparison Chart

Model	3250	3240	3220	3251	3241	3221	3252	3242	3222
Exterior Panel Profile	Ribbed			Ribbed			Ribbed		
Section Thickness	2in.			2in.			2in.		
Steel Gauge	25	24	20	25	24	20	25	24	20
Insulation Type	N/A			Polystyrene with High-Impact Vinyl Interior Back Cover			Polystyrene with 27 Gauge Steel Interior Back Cover		
									
R-Value[2]	N/A			R-8.0			R-8.0		
Max Size[3]	20’2”x32’0”	40’2”x24’0”	34’2”x24’0”	20’2”x32’0”	40’2”x22’0”	34’2”x22’0”	20’2”x30’0”	34’2”x22’0”’	34’2”x20’0”
Optional Features									
Colors[1]	White is available on all Models.								
Sandstone		•			•			•	
Brown		•			•			•	
Gray		•			•			•	
Black		•			•			•	
Powder Coating[4]	188 Colors are available on all Models.								
Windows	•	•	•	•	•	•	•	•	•
Glass	Plain and Tinted are available on all Models.								
Warranty	10 Year Warranty available on all Models.								

1 Refer to your local Dealer for exact color or finish match. **2** R-Values have been calculated in accordance with ASTM C518 standards. **3** Consult Factory for Larger Sizes. Doors up to 40’2” wide possible depending on model. **4** PC = doors available in 188 powder coated options on doors up to 20’2” wide.

WINDOWS A great way to provide visibility and natural lighting. Complete the look and functionality of your building with our window options.



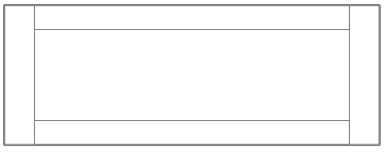
34” x 16”
[Only available on 3251, 3252, 3241, 3242, 3221, 3222 models]



24” x 12”



24” x 6”



Full-View Aluminum

COLORS[1]



White Sandstone Brown Gray Black

POWDER COATING[1] [PC]



Choose 188 color options with our in-house powder coating.

Specialty Applications

C.H.I. Commercial Sectional Doors offer versatility and 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.



Logo Doors

Make an impact in your space by customizing your insulated sandwich door with a logo. C.H.I. provides unique solutions to businesses and organizations every day.

- Available on polystyrene and polyurethane Insulated Sandwich door models - 3285, 3286, 3216, 3217
- Logos can be placed on the interior or exterior of the door
- Customizable for marketing and advertising needs - easy, hassle-free, and affordable



Swing-up Post

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.



Pass Doors

A pass door is an entry door that is built into the garage door, allowing for entry and exit without having to open the garage door. Available in 2" sandwich.

Note: Doors are not ADA or egress compliant. Minimum of 15" of headroom is required.


Custom three [3] angle high-lift.

Custom Track

Do you have a challenging opening with complicated headroom requirements or are you unsure what door best fits your commercial application?

Our C.H.I. dealers and commercial quoting team are available to offer expertise and support.

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 15” 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	RIBBED STEEL
Double contact bottom seal.	Double contact bottom floor seal full width of door.
Flexible gasket between sections.	Optional header and jamb seals.
Optional header and jamb seals.	

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-stem or long-stem 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.

C.H.I. OVERHEAD DOORS WINDBREAKER SERIES

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

ASTM INTERNATIONAL

Sound Transmission
All C.H.I sandwich doors have been tested and certified for an STC [sound transmission class] Rating.

Insulated Sandwich = 21
Full-View Aluminum = 27

HFC-FREE

HFC-Free
Models 3206, 3207, 3212, 3216, 3217, and 3236 are insulated with high quality, environmentally friendly HFC-free polyurethane insulation.

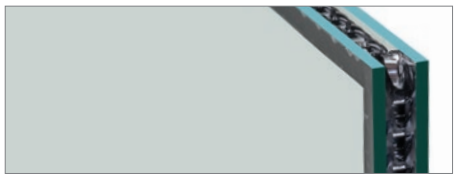
ICC INTERNATIONAL CODE COUNCIL®

IECC Compliant
Models 3206, 3207, 3212, 3216, 3217, and 3236 are compliant with the requirements set forth by the International Energy Conservation Code [IECC] for operable fenestrations.

Glass/Glazing



1/8” and 1/4” Single Pane



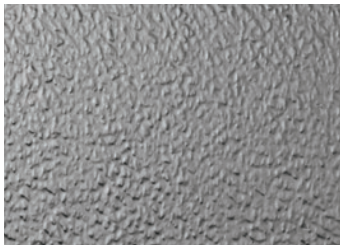
1/2” and 3/4” Insulated



1” Insulated



Plain



Obscure



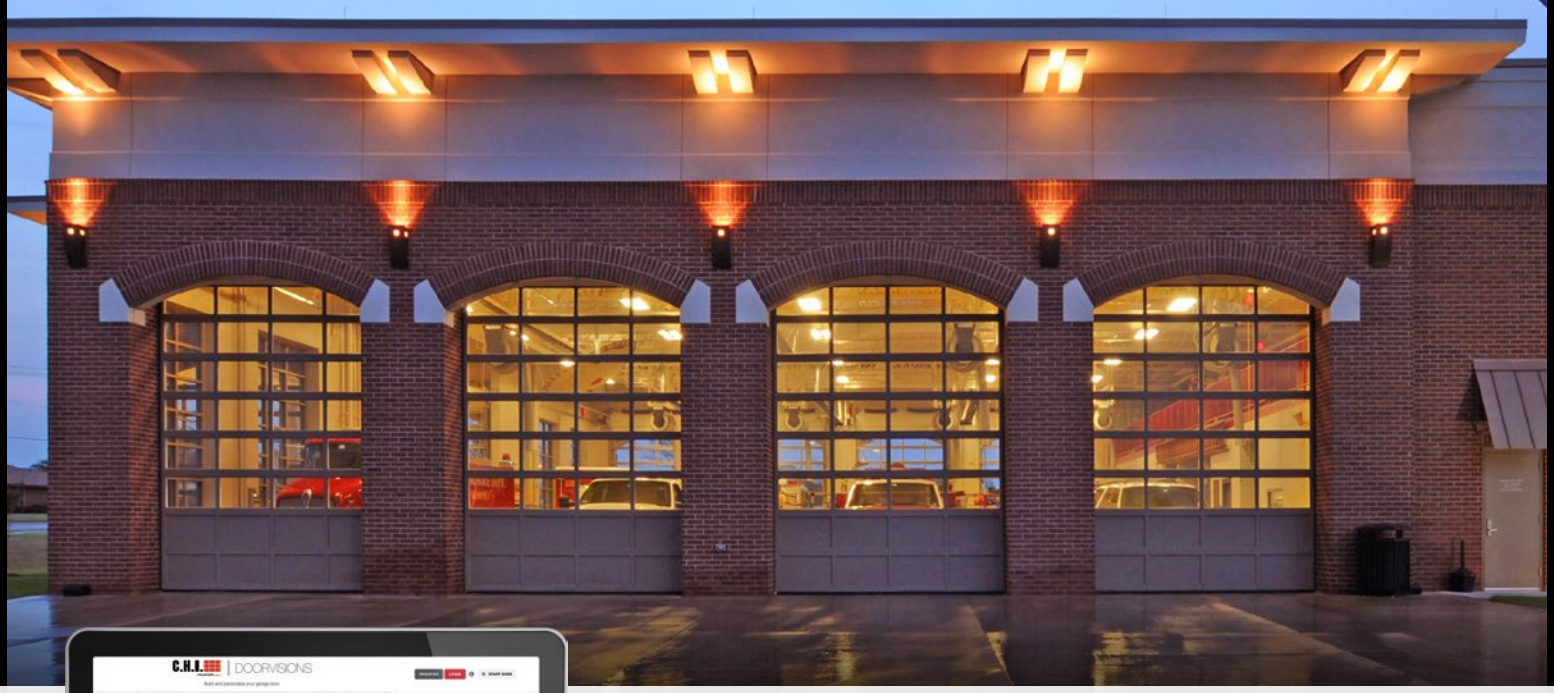
Tinted

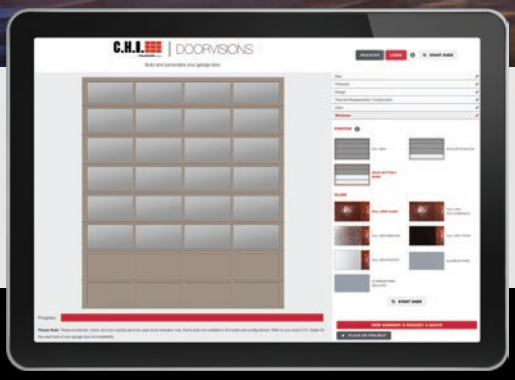
Frosted

DOORVISIONS FEATURING COMMERCIAL DOORS

doorvisions.chiohd.com

VISUALIZE YOUR PROJECT WITH C.H.I. DOORS





With DoorVisions, get true-size renderings down to the section stack and window placements. DoorVisions is a powerful tool that will bring your project to life.

C.H.I.® a NUCOR® company

CHIOHD.COM/ARCHITECTS

CONNECT WITH A CONSULTANT

Sometimes you need expert advice on new or challenging design ideas. That's why C.H.I. Overhead Doors has an architectural design support team dedicated to assisting you in every state of the design process: from determining the appropriate closure option to choosing the best door for your design.

Your Local Garage Door Professional

chiohd.com | 1485 Sunrise Drive | Arthur, IL 61911 | USA

All information presented is based on the specifications and features available at the time of printing and is subject to change without notice.

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