

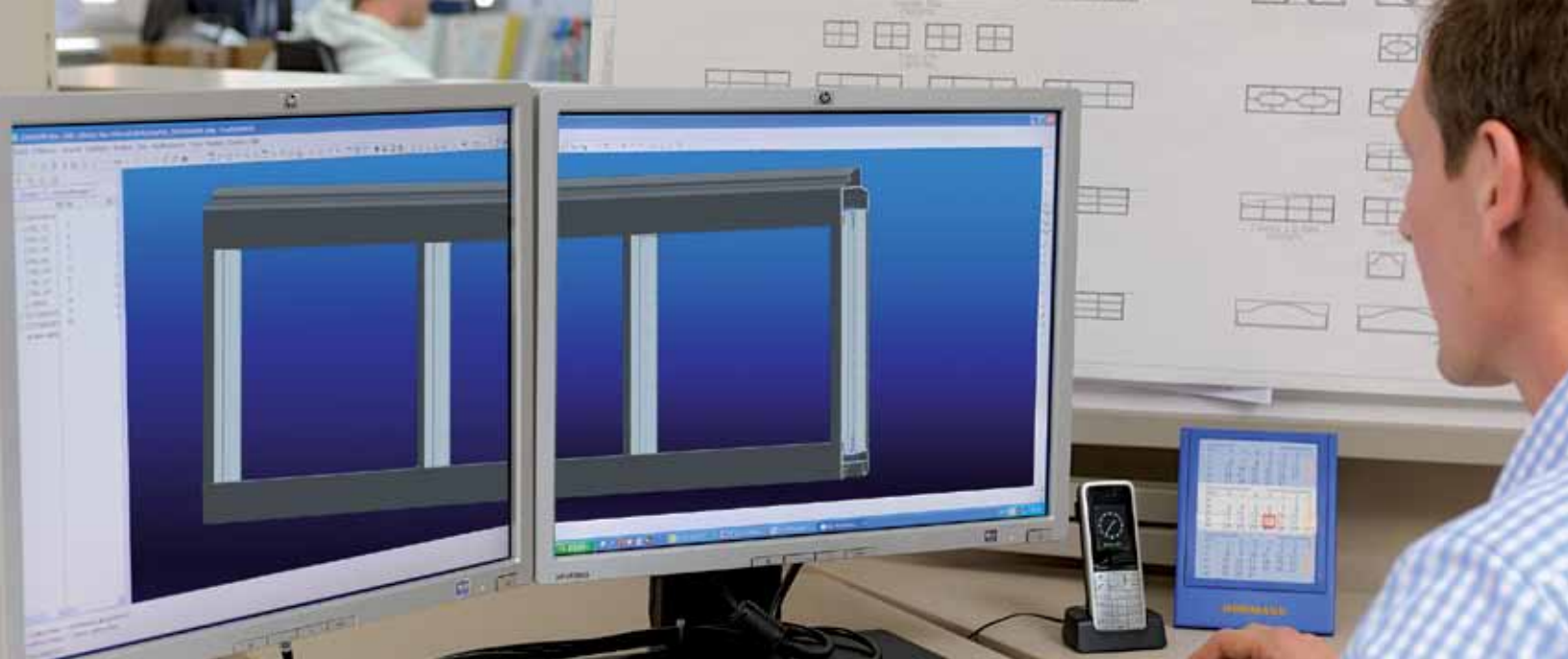
H-720A Glazed Aluminum Doors
Maximum Visibility and Natural Light



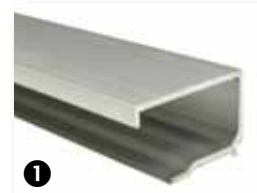
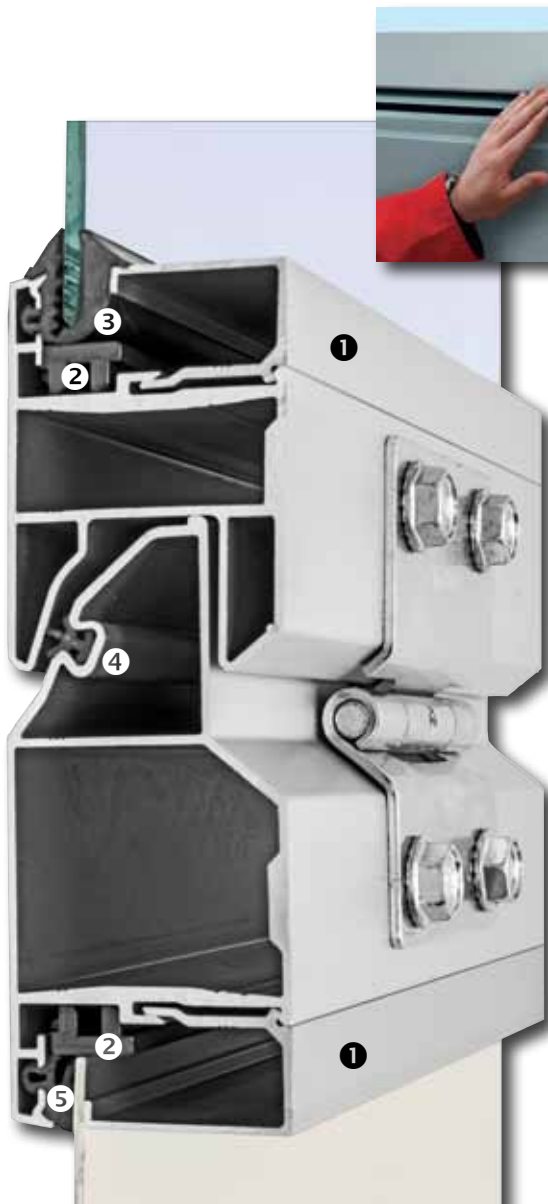
H-720A Commercial Doors

1¾" Glazed Aluminum Sections





German Engineered, American Made Quality
 Unsurpassed reliability and safety from the industry innovator



1
 Aluminum Retainer Strip



2
 HDPE Glazing Spacer



3
 Glazing Seals



4
 In-between Section Seal



5
 Filler Panel Seal



1
 Top weather seal
 (Optional)



1
 Precise screw together
 construction



1
 Fastener hole caps

Each component is designed and manufactured with the highest craftsmanship using only top quality materials.



Insulated double pane glazing

Natural light and stability

Hörmann H-720A adds a modern look and maximizes the natural light in any building. The 1¾" thick high quality anodized aluminum glazing frames can be fitted with a wide range of glazing or panel filler options to achieve the desired look for your building.

All H-720A doors come with Hörmann's exclusive FingerGuard™ pinch resistant section joints. This uniquely designed section joint creates a deep tongue and groove fit for a tight seal between door sections.

Panel Design Options

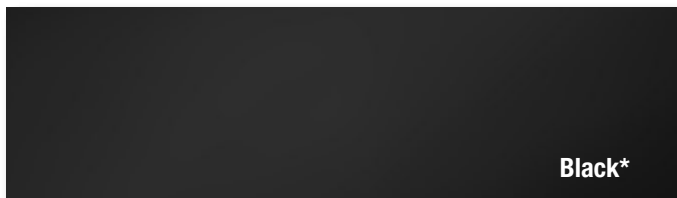
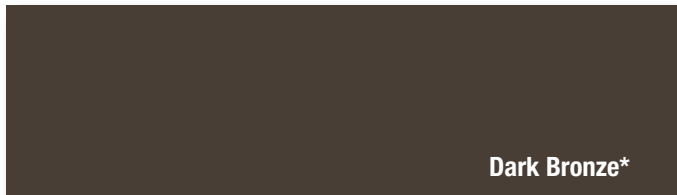
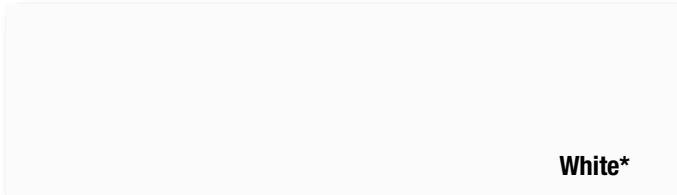


**Clear Anodized
Aluminum**

**Insulated
Aluminum
Laminate**

**Polyurethane
Insulated
Steel Section**

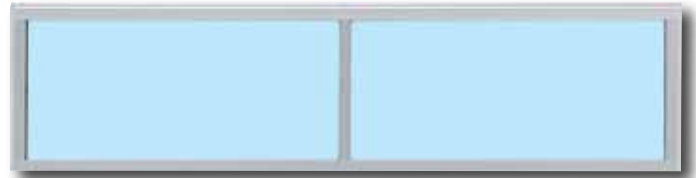
Color Options



**Just a few of unlimited color options available using Hörmann's Galaxy Paint System*



Glazing Design



Clear anodized aluminum frame with clear single pane tempered glass is standard. The number of windows available depends on door width. Each section is equipped with pre-punched painted end caps, aluminum glass retainers, and between section seal.

Powder Coated Hardware



- Available Colors: White, Bronze and Black
- Section and Mounting Hardware
- Jamb Brackets, Flags, End and Center Bearing Supports

Galaxy Paint System

Hörmann's exclusive Galaxy Paint System is available to further customize your new H-720U door with 28 semi-custom colors or unlimited color matching capabilities.

With the Galaxy Paint System, you will not only be confident that you have purchased the highest quality and safest commercial door for your building but one that will match the color of its exterior with a factory finish that will last.



Glazing Options



**Clear Glass (Standard) /
Scratch Resistant Polycarbonate**



Frosted Glass



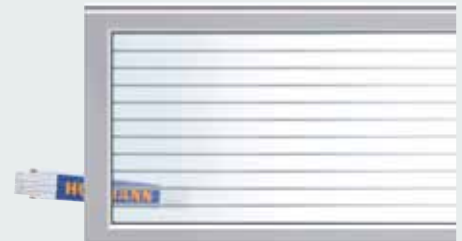
Smoked Glass



Brown Tinted Glass



Tundra Glass



Molded Multi-Tubing Pane

All glass options are tempered. More glazing options are available. Please contact Hörmann Customer Service for more information.

Aluminum Sheet Options



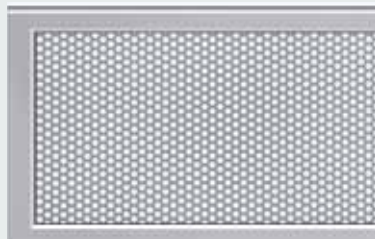
Smooth Anodized
Insulated or non-insulated available



Stucco Anodized



Painted (Galaxy Paint System)
Smooth or stucco panels only



Perforated



Expanded Mesh

Beauty with choices

Hörmann H-720A offers a wide array of aluminum sheet options to enhance the aesthetics of your building. Choose from various textures, perforations and colors. Together with extended choices in glazing options you can achieve your ideal design or perfectly match your corporate identity.



Series	H-720A
Section Thickness	1¾ in.
Texture	Smooth
Available Color	
Anodized Aluminum	Standard
Galaxy Paint System	Optional
Window Options	
See Windows Arrangements Table	Standard
Alternate Arrangements	Optional (Consult Factory)
Warranty	
Sections	10 years
Hardware	1 year

Additional Options

- Various track options
- Full perimeter weatherseal
- Top header seal
- Lock options
- Extended cycle springs - 25k, 50k & 100k
- Full range of electric openers and safety devices

Section Arrangements

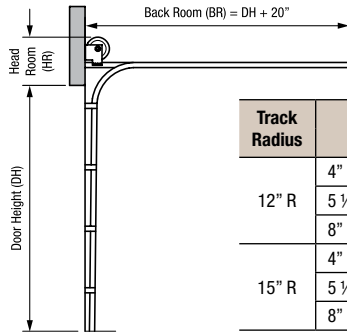
Door Height	No. of Sections
Up to 8'0"	4
8'3" to 10'0"	5
10'3" to 12'0"	6
12'3" to 14'0"	7
14'3" to 16'0"	8
16'3" to 18'0"	9

Window Arrangements

The number of windows installed per section or windows per full view section depends on the door width.

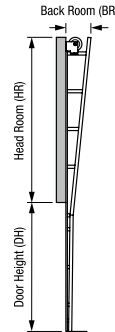
Door Width	Maximum No. of Windows
Up to 9' 2"	2
9' 3" to 12' 2"	3
12' 3" to 16' 2"	4
16' 3" to 19' 2"	5
19' 3" to 20' 2"	6

Head Room and Side Room Dimensions (typical)



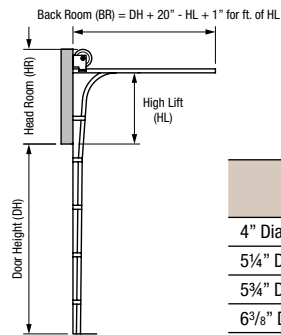
Standard Lift Doors

Track Radius	Drum Type	Head Room	
		2" Track	3" Track
12" R	4" Dia. Standard Lift	11"	—
	5 ¼" Dia. Standard Lift	14½"	—
	8" Dia. Standard Lift	*Special	—
15" R	4" Dia. Standard Lift	14 ¾"	15 ¾"
	5 ¼" Dia. Standard Lift	15 ½"	17 ½"
	8" Dia. Standard Lift	18 ¾"	20 ½"



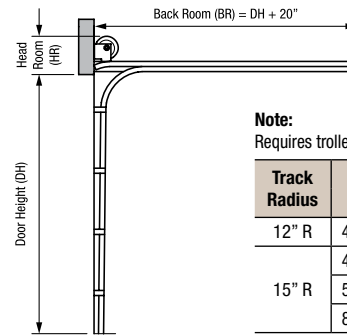
Vertical Lift Doors

Head Room		Back Room	
2" Track	3" Track	2" Track	3" Track
DH + 9"	DH + 9"	16"	16"



High Lift Doors

Drum Type	Head Room	
	2" Track	3" Track
4" Dia. High-Lift Drum 54" of HL	HL + 8¼"	HL + 9¼"
5¼" Dia. High-Lift Drum 54" of HL	HL + 9¼"	HL + 10¼"
5¾" Dia. High-Lift Drum 120" of HL	HL + 12"	HL + 13"
6⅝" Dia. High-Lift Drum 164" of HL	HL + 12¾"	HL + 13¾"

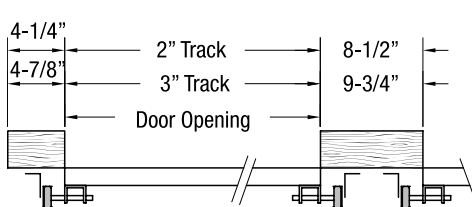


Low Head Room Doors

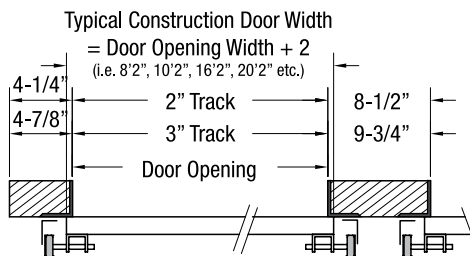
Note:
Requires trolley type Opener with brake for door to clear header.

Track Radius	Drum Type	Head Room	
		2" Track	3" Track
12" R	4" Dia. Standard Lift	10"	—
	4" Dia. Standard Lift	10"	11½"
15" R	5¼" Dia. Standard Lift	11"	12½"
	8" Dia. Standard Lift	14½"	16"

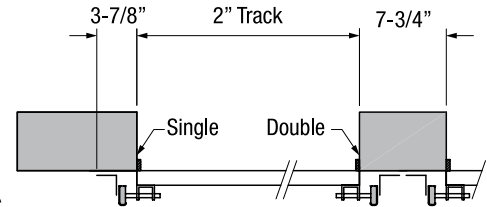
Side Room Dimensions



Continuous Angle Track Wood Jambs



Reverse Angle Track Steel / Masonry Jambs



Bracket Mounted Track

Please contact us for further details.

CSI Product Specifications

SECTION 08360 - SECTIONAL DOORS

H-720A Series Aluminum Sectional Doors

PART 1 – GENERAL

1.01 RELATED DOCUMENTS

- A. All of the Contract Documents, including General and Supplementary Conditions, and Division 1 General Requirements, apply to the work of this Section.

1.02 SUMMARY

- A. The work of this Section includes upward-acting sectional doors.
- B. Related Sections: Other specification sections which directly relate to the work of this section include, but are not limited to, the following:
 - 1. Section 05500 - Miscellaneous Metal; metal framing and supports.
 - 2. Section 08710 - Finish Hardware
 - 3. Section 09900 - Painting; field painting.
 - 4. Section 16100 - Electrical; wiring.

1.03 SUBMITTALS

- A. Product Data: Submit manufacturer's product data and installation instructions for each type of sectional door. Include both published data and any specific data prepared for this project.
- B. Shop Drawings: Submit shop drawings for approval prior to fabrication. Include detailed plans, elevations, details of framing members, required clearances, anchors, and accessories. Include relationship with adjacent materials.

1.04 QUALITY ASSURANCE

- A. Manufacturer: Sectional doors shall be manufactured by a firm with a minimum of five years experience in the fabrication and installation of sectional doors. Manufacturers proposed for use, which are not named in these specifications, shall submit evidence of ability to meet performance and fabrication requirements specified, and include a list of five projects of similar design and complexity completed within the past five years.
- B. Installer: Installation of sectional doors shall be performed by the authorized representative of the manufacturer.
- C. Single-Source Responsibility: Provide doors, tracks and accessories from one manufacturer for each type of door. Provide secondary components from source acceptable to manufacturer of primary components.
- D. Pre-Installation Conference: Schedule and convene a pre-installation conference just prior to commencement of field operations, to establish procedures to maintain optimum working conditions and to coordinate this work with related and adjacent work.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials and products in labeled protective packages. Store and handle in strict compliance with manufacturer's instructions and recommendations. Protect from damage from weather, excessive temperatures and construction operations.

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A. Provide sectional doors by Hörmann LLC, Montgomery, Illinois; Telephone 877-654-6762 or 630-859-3000; Fax 630-859-8122.

2.02 FULL VIEW ALUMINUM SECTIONAL DOORS

- A. Trade Reference: H-720A Series Aluminum Doors by Hörmann LLC.
- B. Sectional Door Assembly: Aluminum door assembly with pinch resistant rabbeted meeting rails to form weather tight joints and provide full-width interlocking structural rigidity. Units shall have the following characteristics:
 - 1. Panel Thickness: 1 ¾"
 - 2. Exterior Surface: Smooth Anodized or Painted Finish
 - 3. Section Joint: Sections to form a weather tight tongue and groove pinch resistant fit.
 - 4. Material: Extruded 6063-T6 Aluminum
 - 5. Standard Springs: 10,000 cycles. (Higher cycles available)
 - 6. Full Glazing Panels: (1/8" tempered glass.) (5/8" Insulated tempered glass.) (Not Required.)
- C. Finish and Color: Anodized Aluminum or Painted to requested color using an acrylic paint.
- D. Wind load Design: ANSI/DASMA 108 and 115 standards and as required by code.
 - Hardware: 13 Gauge or greater galvanized steel two pieced hinge assembly and fixtures. Ball bearing rollers with hardened steel races.
 - Lock: Interior mounted slide lock. (Keyed lock.)
 - Weatherstripping: Flexible PVC on bottom section. (Header seal and jamb weatherstripping.)
 - Track: Provide track as recommended by manufacturer to suit loading required and clearances available. Note: Select type of operation
- E. Manual Operation: Manual pull rope.
- F. Electric Motor Operation: Provide UL listed electric operator, size and type as recommended by manufacturer to move door in either direction at not less than 2/3 foot nor more than 1 foot per second.
 - 1. Entrapment Protection: (Pneumatic sensing edge up to 18' wide) (Electric sensing edge.) (Photoelectric sensors.)
 - 2. Operator Controls: (Push-button)(Key) (Push-button and key) operated control stations with open, close, and stop buttons for (flush) (surface) mounting, for (interior) (exterior) (both interior and exterior) location. Note: Select from below as applicable
 - 3. Special Operation: (Pull-rope release automatic opening device, vehicle detector operation, radio control operation, card reader control, photocell operation, door timer operation, commercial light package, explosion and dust ignition proof control wiring.)

PART 3 – EXECUTION

3.01 PREPARATION

- A. Take field dimensions and examine conditions of substrates, supports, and other conditions under which this work is to be performed. Do not proceed with work until unsatisfactory conditions are corrected.

3.02 INSTALLATION

- A. Strictly comply with manufacturer's installation instructions and recommendations. Coordinate installation with adjacent work to ensure proper clearances and allow for maintenance.
- B. Instruct Owner's personnel in proper operating procedures and maintenance schedule.

3.03 ADJUSTING AND CLEANING

- A. Test sectional doors for proper operation and adjust as necessary to provide proper operation without binding or distortion.
- B. Touch-up damaged coatings and finishes and repair minor damage. Clean exposed surfaces using non-abrasive materials and methods recommended by manufacturer of material or product being cleaned.

Everything you've wanted in a commercial door, and more.

HÖRMANN

German Engineered, American Made

Our promise to you.

As one of the world's leading manufacturers of doors, we're committed to providing the best quality, value, and selection. Whether steel or high density polyethylene, whether

traditional or contemporary, we have the commercial door you're looking for. The Hörmann product line gives you the perfect array of benefits and design options.



H-225P / H-224P

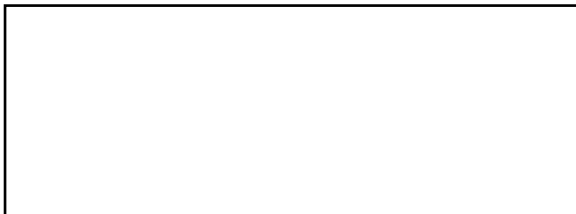


H-325S / H-324S



H-425U

AVAILABLE FROM:



Call us ► 1 877 OK HORMANN (1-877-654-6762)

Hörmann LLC, 5050 Baseline Road, Montgomery, Illinois 60538
Phone: 630-859-3000 Fax: 630-859-8122
Email: info@hormann.us www.hormann.us



Environmental commitment has been part of our corporate culture for decades, from our manufacturing processes to the products we make.

In everything we do, we strive to minimize energy and resource use, through efficient processes long-lasting quality and innovative engineering.

