

## HOW TO MEASURE YOUR COMMERCIAL SECTIONAL DOOR

- 1 Measure existing door width and height in feet and inches.

This determines the size of door needed. The door size should be 2" wider and 1" higher than the rough opening size.

**Width:** \_\_\_\_\_ **Height:** \_\_\_\_\_

- 2 Measure for sideroom: 3 3/4" is required on each side for installation of the vertical track for standard extension or torsion springs.

**Sideroom:** \_\_\_\_\_

- 3 Measure area labeled "headroom"— distance between the top of the door opening ("jamb header") and the ceiling (or floor joist). Complete headroom requirements are listed on page 2 of this brochure. Note: If door height extends above the opening, the headroom measurement should be adjusted accordingly.

**Existing headroom:** \_\_\_\_\_

**Headroom needed:** \_\_\_\_\_

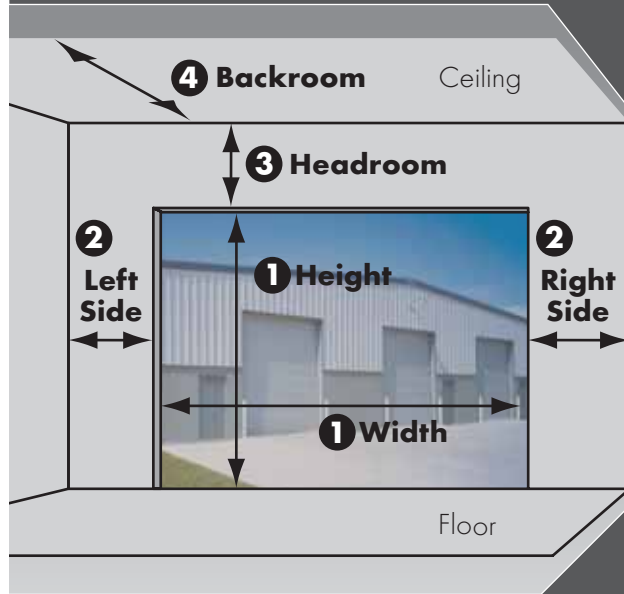
- 4 Measure area labeled "backroom." Distance is measured from the garage door opening toward the back wall of the garage.

**Backroom:** \_\_\_\_\_

Note: Roll-Up Door measurement information is shown on page 5.

**HOLMES**  
GARAGE DOOR COMPANY®  
Excellence Since 1920™

### How to Measure Diagram



**HOLMESHHELPS**®  
Garage Door Answers Fast.

For answers about choosing, installing and maintaining  
Holmes Garage Doors, visit us at

[www.holmesgaragedoor.com](http://www.holmesgaragedoor.com)

[www.holmeshelps.com](http://www.holmeshelps.com)

or call the Holmes Helpline® at 800-557-0488.

In the interest of better quality and value, we are continually improving and updating our products. Consequently, photos, illustrations and available options may sometimes differ from present models.

Holmes Garage Door Company® is a brand of Clopay Building Products Company, Inc.,  
A Griffon Company, Inc. 2006 Printed in U.S.A.

REHM-COMMGUIDE-06

**HOLMES**  
GARAGE DOOR COMPANY®  
Excellence Since 1920™

## COMMERCIAL Steel

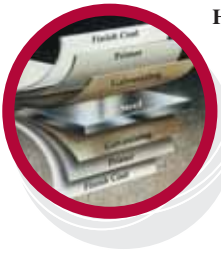


## SECTIONAL & ROLL-UP Garage Doors

Style, Selection & Craftsmanship

In the 1920's, American goods were the proud result of skilled craftsmen who knew how to create innovative products that would last a lifetime. Today, in our modern manufacturing facilities, we have the same commitment to quality and attention to detail we had back in the twenties. By combining innovative product features and quality materials, Holmes commercial doors are reliable and provide exceptional value.

## QUALITY



### HOLMES PAINT PROTECTION SYSTEM











All steel doors are hot-dipped galvanized and painted on both sides with a baked-on primer coat. As a final step, they're finished with a tough, baked-on polyester top coat.



### PUT TO THE TEST

Our doors go through the most rigorous testing in the industry. Test results are used to constantly improve our products.

## Steps to Choosing Your Holmes Commercial Door

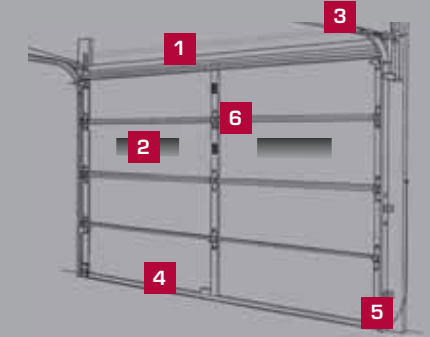
<b>SECTIONAL DOORS</b>	<b>1 Series</b>	<b>2 Style*</b>	<b>3 Color</b>
	<b>Gold:</b> Steel + Insulation + Steel	 	  
	<b>Silver:</b> Steel + Steel Backed Insulation	 	  
	<b>Bronze:</b> Steel (Non-insulated)	<small>* Not all panel styles are available in all Series. See pages 3 and 4 for more details.</small>	<small>*Not available on all models.</small>
	<b>4 Size</b>	<b>5 Track Type</b>	<b>6 Installation</b>
	Refer to the How to Measure Diagram on the back of this brochure.	Available in Standard Radius, High Lift, Roof Pitch, Vertical Lift as well as Low Headroom options. 2" and 3" track thickness also available.	Check out <a href="http://www.holmeshelps.com">www.holmeshelps.com</a> your one-stop resource for nearly everything you need to know about choosing, installing and maintaining Holmes Garage Doors.

<b>ROLL-UP DOORS</b>	<b>1 Series</b>	<b>2 Color</b>	<b>3 Size</b>
	<b>Gold:</b> Heavy-Duty	     	Refer to the How to Measure Your Door on page 5 of this brochure.
	<b>Bronze:</b> Self-Storage	     	<b>4 Installation</b> Check out <a href="http://www.holmeshelps.com">www.holmeshelps.com</a> your one-stop resource for nearly everything you need to know about choosing, installing and maintaining Holmes Garage Doors.
	     		
	   		
	<small>* Due to printing process, color may vary from printed samples.</small>		

## Sectional Door Information To Know

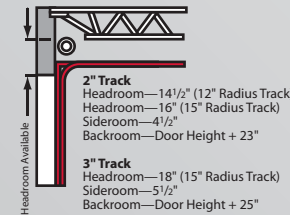
### FEATURES/BENEFITS:

1. Strut provides added section strength.
2. Many window lite options are available.
3. Multiple commercial track options (shown below).
4. Bottom astragal seals out elements and provides proper fit along irregular floors.
5. Commercial grade bottom brackets are more durable allowing effective operation of heavier doors.
6. Durable commercial hinges for longer life and more cycles.

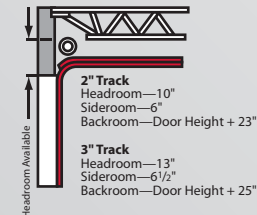


### Sectional Door Track & Framing Details

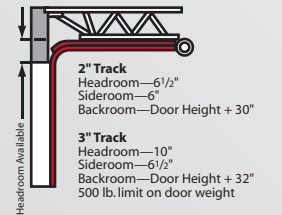
#### Standard Radius



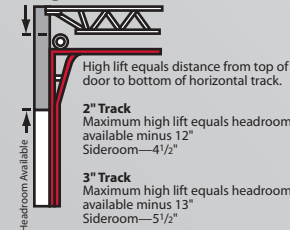
#### Low Headroom Front Mount



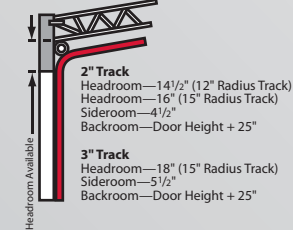
#### Low Headroom Rear Mount



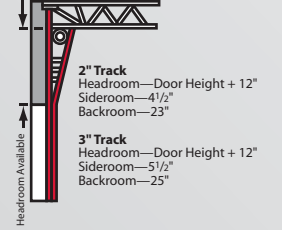
#### High Lift



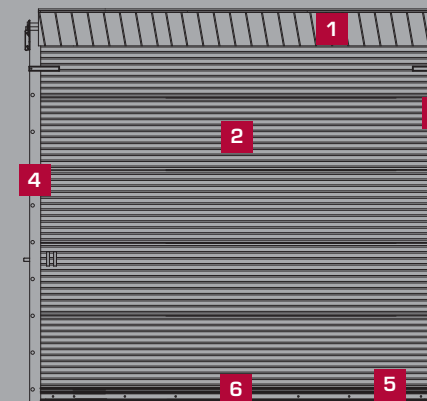
#### Roof Pitch



#### Vertical Lift



## Roll-up Door Information To Know



### FEATURES/BENEFITS:

1. Tubular 1 5/16" live shaft axle.
2. 26 Gauge, hot-dipped galvanized steel curtain provides rust resistance.
3. 18 Gauge, hot-dipped steel guides for strength and rust protection.
4. Self-lubricating polypropylene wear strips on outside of curtain prevent metal-to-metal contact.
5. Heavy-duty bottom bar withstands external elements.
6. Full bulb-type bottom weather strip ensures proper fit along irregular floors.

# GOLD SERIES

# SILVER SERIES

# BRONZE SERIES



Model Shown: 240

STEEL + INSULATION + STEEL



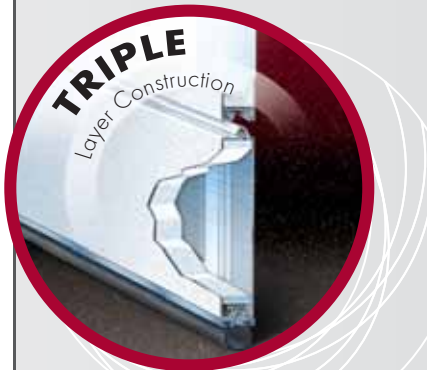
Model Shown: 224S

STEEL + INSULATION



Model Shown: 224

STEEL (NON-INSULATED)

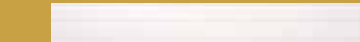


**TRIPLE**  
Layer Construction

## MODEL NUMBERS



Holmes 240 Shallow Ribbed Panel



Holmes 210 Shallow Ribbed Panel



Holmes 250 Classic Raised Panel



Holmes 230B Classic Raised Panel

## MODEL SPECIFICATION

MODEL NUMBER	PANEL STYLE	STEEL GAUGE EXTERIOR/INTERIOR	INSULATION THICKNESS	R-VALUE	SECTION WARRANTY
240	Shallow Ribbed	24/27	2"	9.0	10 Years
210	Shallow Ribbed	27/27	1 <sup>3</sup> / <sub>8</sub> "	6.5	10 Years
50	Classic Raised	24/27	2"	9.0	10 Years
230B	Classic Raised	27/27	1 <sup>3</sup> / <sub>8</sub> "	6.5	10 Years

## COLOR OPTIONS

240	White	Brown				
210	White	Brown				
250	White	Almond	Sandstone	Brown		
230B	White	Almond	Sandstone	Brown	Gray	Green

Due to printing process, colors may vary.



**DOUBLE**  
Layer Construction

## MODEL NUMBERS



Holmes 224S Deep Ribbed Panel



Holmes 225S Deep Ribbed Panel

## MODEL SPECIFICATION

MODEL NUMBER	PANEL STYLE	STEEL GAUGE EXTERIOR/INTERIOR	INSULATION THICKNESS	R-VALUE	SECTION WARRANTY
224S	Ribbed	24/30	1 <sup>5</sup> / <sub>8</sub> "	6.7	5 Years
225S	Ribbed	25/30	1 <sup>5</sup> / <sub>8</sub> "	6.7	5 Years

## COLOR OPTIONS

224S	White	Brown
225S	White	Brown

Due to printing process, colors may vary.

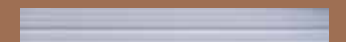


**SINGLE**  
Layer Construction

## MODEL NUMBERS



Holmes 224 Deep Ribbed Panel



Holmes 225 Deep Ribbed Panel

## MODEL SPECIFICATION

MODEL NUMBER	PANEL STYLE	STEEL GAUGE	INSULATION THICKNESS	SECTION WARRANTY
224	Ribbed	24	N/A	5 Years
225	Ribbed	25	N/A	5 Years

## COLOR OPTIONS

224	White	Brown
225	White	Brown

Due to printing process, colors may vary.

- Designed for the most demanding commercial applications
- 2" or 1<sup>3</sup>/<sub>8</sub>" Thick polystyrene insulation is pressure-bonded between two layers of steel
- Superior strength and durability
- Maximum energy efficiency
- Quietest operation
- Two panel styles and six colors available
- Commercial-duty rollers
- Heavy-duty commercial track, hardware and spring

- Provides durability and insulation for temperature controlled applications
- 1<sup>5</sup>/<sub>8</sub>" Thick steel backed polystyrene insulation is behind an exterior steel skin
- Added energy efficiency
- Quiet operation
- One panel style and two colors available
- Commercial-duty rollers
- Heavy-duty commercial track, hardware and springs

- Perfect for commercial applications that are not temperature controlled
- Durable and economical steel construction
- One panel style and two colors available
- Commercial-duty rollers
- Heavy-duty commercial track, hardware and springs

# ROLL-UP DOOR GENERAL INFORMATION

# COMMERCIAL OPENERS

**GOLD**



Model Shown: 270

HEAVY-DUTY ROLL-UP

- 26 Gauge hot-dipped galvanized roll-formed steel
- Full galvanized sheet on barrel
- Full height propylene wear strip on interior and exterior of door
- Heavy-duty bottom bar with galvanized angle and vinyl astragal (weather strip)
- 16 Gauge hot-dipped galvanized steel guides
- Inside bottom bar lock standard
- Manual drive (unless indicated)

**BRONZE**



Model Shown: 260

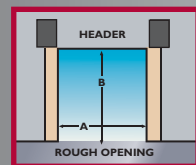
SELF STORAGE ROLL-UP

- 26 Gauge hot-dipped galvanized roll-formed steel
- Full height propylene wear strip on exterior of door
- Heavy-duty bottom bar with galvanized angle and vinyl astragal (weather strip)
- 18 Gauge hot-dipped galvanized steel guides
- Outside mini lock standard
- Manual drive

## Colors

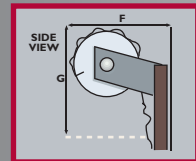
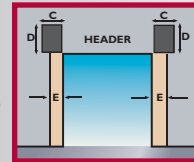
Gloss White	Satin White	Lightstone Tan	Natural Tan	Oxford Gray	Chocolate Brown	Lighthouse Red	Garnet Red	Cardinal Red	Urgent Orange	Public Orange	Bright Yellow
Marine Green	Calypso Green	Dark Teal	Extra Green	Hunter Green	Duro Bronze	Polar Blue	Royal Blue	Ultra Blue	Cobalt Blue	* Due to printing process, color may vary from printed samples.	

## How to Measure Your Door



1. Measure your rough opening.  
A (width) by B (height) = Size door you need.

2. Determine bracket mounting surface areas. The following minimum areas are required for mounting your door:  
Brackets – Minimum:  
C (header bracket width) = 4" (steel, masonry, or wood)  
D (header bracket height) = 7 1/2" (9" for doors 9'-10' high)  
E (guide width) = 4" (each side for wood/masonry jambs)  
2 1/2" (for steel)



3. Determine clearance areas. Refer to the height chart below for minimum areas required for your door to operate correctly.

	HEIGHT			
	Up to 7'	7'1"-8'	8'1"-9'	9'1"-10'
F = Backroom	15"	16 1/2"	18"	19"
G = Headroom	15"	16 1/2"	18"	19"

## Easy Installation



1. Attach brackets and guides to the preassembled barrel.



2. Lift door in place and fasten bracket to the frame. Apply tension to door, cut bands and attach door stops.



3. Install lift handles and rope and you're done!

Sectional Openers

Model	Type	Duty (Max recommended cycles per hour)	Lift Type	Horsepower
ATS	Trolley	Light Duty (8 cycles/hour)	Standard	1/2 HP
MT	Trolley	Medium Duty (12 cycles/hour)	Standard	1/2 HP
T	Trolley	Industrial Duty	Standard	1/3 HP to 1 HP

Sectional or Roll-Up Openers

MGJ	Gear-Reduced	Medium Duty (12 cycles/hour)	High/Vertical/Roll-Up	1/2 HP
MJ	Jackshaft	Medium Duty (12 cycles/hour)	High/Vertical/Roll-Up	1/2 HP
J	Jackshaft	Industrial Duty	High/Vertical/Roll-Up	1/3 HP to 1 HP
MH	Hoist	Medium Duty	High/Vertical/Roll-Up	1/2 HP
H	Hoist	Industrial Duty	High/Vertical/Roll-Up	1/3 HP to 1 HP