



- Since 1946 -

**NORTHWEST DOOR®**

# 800 SERIES

Commercial Industrial Garage Doors



Model 800  
Clear Insulated Glass, Clear Anodized Finish

# 800 SERIES

## HEAVY DUTY COMMERCIAL GRADE

## Aluminum Stile and Rail Industrial Garage Doors

### DOOR SECTIONS:

800 Series sectional doors are 2" thick and constructed using heavy-duty commercial grade 6063-T5 extruded aluminum alloy box-type (enclosed) stiles and rails joined together with self-tapping screws. Door sections have a Tongue and Groove joint with a compressible gasket between sections. Door is standard full vision 1/8" clear tempered glass panels, completely enclosed by rigid vinyl molding sealed by closed cell foam tape on exterior side of glass. A compressible loop-type PVC bottom weather seal extends the full width of the bottom of the door. Doors meet or exceed ASTM/DASMA 102-2011 standards. Widths are available up to 24' 2" and heights up to 16' in one inch increments. For larger sizes, please consult Northwest Door.

### Panel Options:

- .050 smooth aluminum panels
- .040 stucco embossed aluminum panels
- Expanded aluminum panels
- Perforated aluminum panels
- \*Insulated aluminum panels
- \*Insulated, tinted, obscure glass and/or annealed glass

\*Includes Insulated Door Frame, Polystyrene (EPS) Insulation.

Insulation values are based on each door's configuration, contact Northwest Door for U or R Values.

### DOOR FINISH:

Clear Anodized finish, standard

### Optional Finishes:

- Dark Bronze Anodized
- Black Anodized
- White Polycron III
- Custom Powder Coat finishes (consult Northwest Door for details)
- Woodgrain Powder Coat finishes
- Duranar® solid color finishes

### HARDWARE:

Hardware components are hot-dipped galvanized steel with exception of the rollers. All steel components comply with ASTM A653/A653M. Assembled doors meet wind load standards and all specifications established under ANSI/DASMA 102-2011 Garage Door Specifications. Manual push up or chain hoist operation as required by door size.

### SPRING ASSEMBLY:

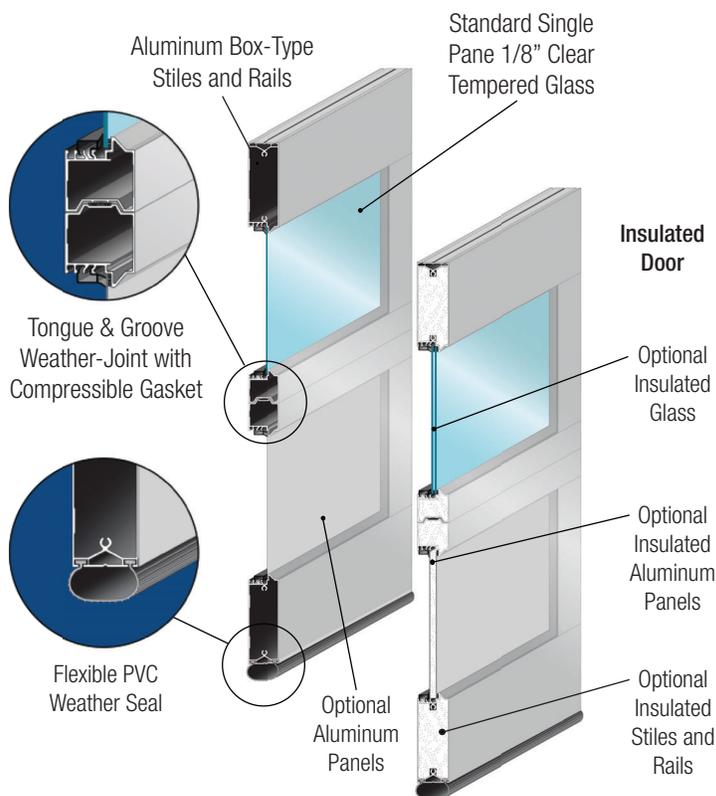
The torsion spring counter balance assembly consists of:

- die cast cable drums
- 1" diameter steel torsion tube or solid shaft
- stranded galvanized aircraft cables with 5:1 safety factor
- minimum 10,000 cycle oil tempered torsion springs, spring wire complies with ASTM A229/A229M-12 specifications

### TRACK ASSEMBLY:

Tracks are commercial quality G-60 galvanized steel and comply with ASTM A653 / A653M. Track systems are 2" or 3" in size, 16 gauge to 12 gauge depending on the door size and weight. Vertical tracks are graduated and provide an adjustable wedge-type closing action. Horizontal tracks are reinforced with steel angle of adequate length and gauge to help prevent deflection. Additional field bracing must be provided by the garage door installer to prevent deflection and establish a rigid installation.

### CONSTRUCTION:



	Clearance Requirements	Track Size	Head Room	Side Room	Back Room Depth Into Bldg.
A	Standard Lift	2"	16"	5-1/2"	Door Height+17"
		3"	18"	6"	Door Height+21"
B	Low Head Room Springs to Head	2"	11"	5-1/2"	Door Height+18"
		3"	12"	6"	
C	Low Head Room Springs to Rear	2"	7"	5-1/2"	Door Height+24"
		3"	9-1/2"	6"	
D	Follow Roof Slope	Consult Northwest Door Commercial Design Team 253-375-0729			
E	High Lift Single Incline	2"	High Lift +12"	5-1/2"	Door Height-High Lift+19"
		3"		6"	
F	High Lift Breakaway	2"	High Lift +9"	5-1/2"	Door Height-High Lift+24"
		3"		6"	
G	Vertical Lift Single Incline	2"	Door Height +24"	5-1/2"	14"
		3"		6"	
H	Vertical Lift Breakaway	2"	Door Height +12"	5-1/2"	18"
		3"		6"	

Note: Track and hardware clearances shown are minimums, your installation may vary

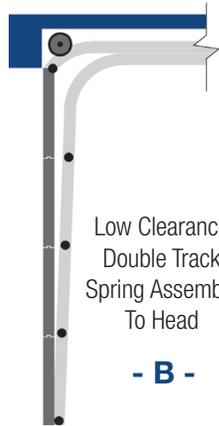
**EXTENDED LIFE AND HIGH PERFORMANCE PACKAGES AVAILABLE, CONSULT NORTHWEST DOOR**

## LIFT / TRACK STYLES



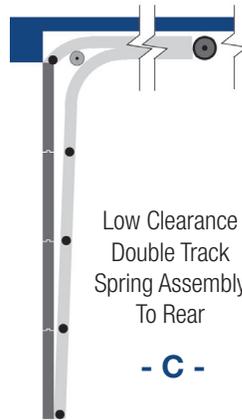
Standard Lift Radius

- A -



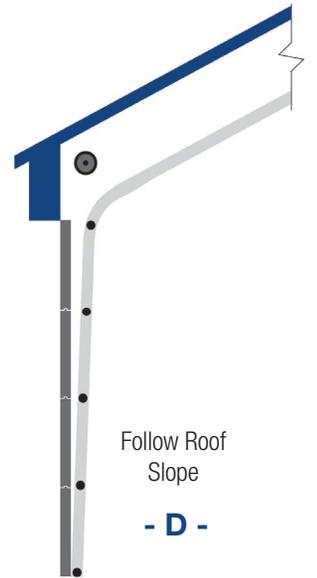
Low Clearance Double Track Spring Assembly To Head

- B -



Low Clearance Double Track Spring Assembly To Rear

- C -



Follow Roof Slope

- D -



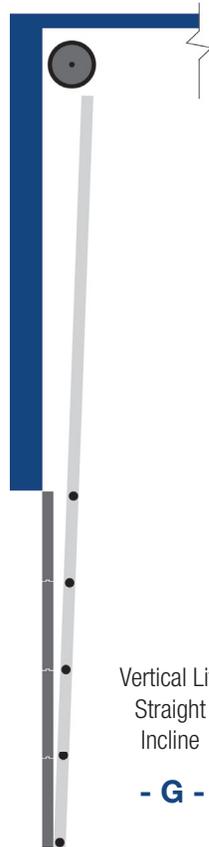
High Lift Straight Incline

- E -



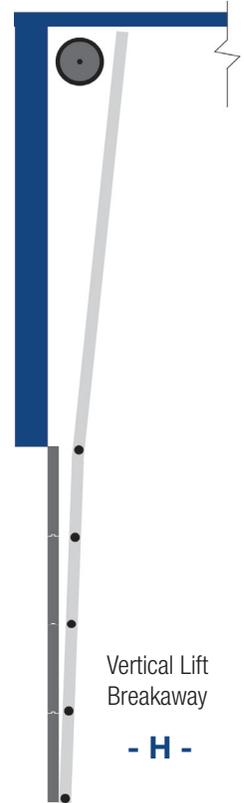
High Lift Breakaway

- F -



Vertical Lift Straight Incline

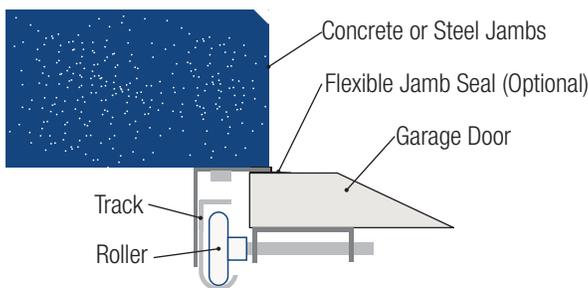
- G -



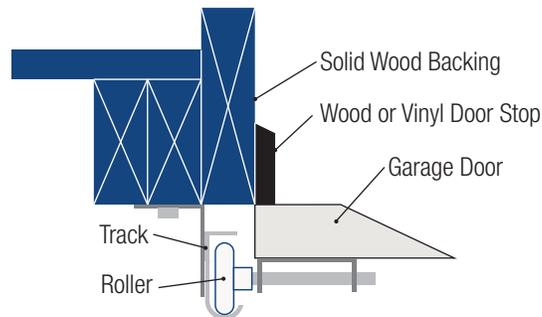
Vertical Lift Breakaway

- H -

## MOUNTING TYPES



Reverse Angle Mount  
Concrete or Steel Jamb



Continuous Angle Mount  
Wood Jamb

Door Height	Sections
7'0" - 8'3"	4
8'9" - 10'3"	5
10'6" - 12'2"	6
12'3" - 14'2"	7
14'3" - 16'2"	8
16'3" - 18'2"	9
Door Width	Bays
To - 9'4"	2
9'5" - 12'4"	3
12'5" - 16'4"	4
16'5" - 20'4"	5
20'5" - 24'2"	6

## LAYOUTS:



- Dark Bronze Anodized Finish with Greylite Glass Panels -  
5 Section / 3 Panel



- Clear Anodized Finish with .050 Smooth Aluminum Panels -  
6 Section / 4 Panel

## WARRANTY:

Northwest Door warrants its products to be free of defects in materials for a period of one year after date of shipment from its plant. This warranty is limited to furnishing any part or parts due to product failure during the first year. Northwest Door has sole right to determine whether failure of product is due to product or abuse of product. Warranty does not apply to any product that, in the judgment of Northwest Door, was subjected to misuse or neglect or has been altered during installation in any way that may have impaired its safety, operation or efficiency, nor to any product that has been subjected to an accident. *Contact Northwest Door for complete warranty information.*

**WARNING:** Any adjustment on your door should be made by an experienced garage door technician such as your Northwest Door dealer. Serious injury can result from improper adjustments to door hardware. Northwest Door reserves the right to make product changes without prior notice.



Model H



Model T

# LiftMaster®

**Northwest Door recommends LiftMaster® Commercial Garage Door Openers on all Northwest Door commercial garage doors.**



**NORTHWEST DOOR®**  
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