

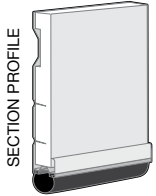
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1485 Sunrise Dr.  
Arthur, IL 61911  
t: (800) 677-2650

## Model 3221

Ribbed

### STANDARD FEATURES *24'2" x 16'0" Maximum Dimensions*



- Ribbed appearance
- 2" thick sections
- Tongue and groove section joints
- 20 gauge smooth face steel
- 18", 21", and 24" section heights
- End stiles - 18 gauge
- 1-1/2" polystyrene vinyl back insulation
- Center stiles - 18 gauge with painted face rivets
- Center stile in top section (all widths)
- Available in 3" height increments
- PVC bottom seal
- 'R-Value = 8.00

### COLORS

WHITE, POWDER COAT

### TRACK

- 15" radius bracket mount track
- Up to 8'0" height - 17 gauge 2" track
- 8'3" to 10'0" height - 16 gauge 2" track
- 10'3" to 14'0" height - 14 gauge 2" track
- Over 14'0" height - 12 gauge 3" track
- Vertical track to be mounted with track brackets, clip mount angle, or continuous jamb angle.
- Horizontal track to be reinforced with 13 gauge angle according to door size and weight.

### HARDWARE

- Graduated hinges - 14 gauge
- Top fixtures - 12 gauge
- Bottom fixtures - 13 gauge
- Over 16'2" width - Double end hinges
- Rollers - 10 ball bearing
  - Case hardened steel tire
  - Solid shaft

### SPRING COUNTERBALANCE

Torsion springs mounted on a cross header shaft supported by galvanized steel ball-bearing end plates and center bracket(s). Springs are custom-designed for exact door weight, size, and trajectory according to current ANSI/DASMA 102 standards for a minimum of 10,000 cycles. Counterbalanced with galvanized aircraft quality cables secured to the bottom of the door. 20,000, 50,000, and 100,000 cycle springs are available as an upgrade option.

### STRUTTING

Galvanized strutting provided according to door size and design.

### SECURITY OPTIONS *No lock is standard*

- Inside slide lock - Torsion spring required
- Outside center lock - Not available with 3" track
- Double lock bar - Not available with 3" track - Not available with doors over 18' wide

### GLAZING *3/4" Insulated glass*

- Glazing Types - Plain (DSB)
  - Tinted
  - Tempered
- Full-View Aluminum section
- Glazing Dimensions - 24" x 6"
  - 24" x 12"
  - 34" x 16"

### FRAMING / INSTALLATION

Torsion spring mounting pads, jamb plates, header plates, and associated track system hangers shall be furnished by other than C.H.I. All installation quality and workmanship is responsibility of contractor and is to be executed in accordance with C.H.I. installation instructions, local and state building codes and work site safety regulations.

<sup>1</sup>R-value calculation is in accordance with ANSI/DASMA 163 and ASTM C518 standards.

<sup>2</sup>Calculations do not account for options including but not limited to windows and/or exhaust ports.



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