

Part- 1 General**1.01 Description****A. General**

1. Furnish all Folding Gates as indicated complete with all hardware and accessories in accord with the provisions of Contract Documents.

1.02 Submittals**A. Shop Drawings**

1. Furnish complete drawings including details of 1) gate construction, 2) hardware and fittings.

1.03 Storage and handling

- A. Store gates in a dry area out of the weather, and prohibit the stacking of other material on top.

Part-2 Product**2.01 Partition materials: for normal industrial use.**

A. Gate to be equal to Acorn model 5743. Height to be _____.

(Specifier note: standard/stock heights 7'-0", 7'-6"

widths from 3' to 32'-0", any gate over 16' in width must be a double gate. And special width and height as required.)

1. Folding Top and bottom Tracks: 1 15/16" x 1 5/16" cold-rolled box type sections to receive rollers.
2. Vertical End Bars: 1 15/16" x 1 5/16" cold-rolled box type sections to receive roller bearings and cylinder locks.
3. Intermediate Vertical Members: Two 3/4" x 3/8" cold-rolled channels spaced not over 6-inches on center, riveted together toe to toe.
4. Lattice Bars: 5/8" x 3/16" cold-rolled flat steel.
5. Rubber Rests: 1 1/4" rubber rests located between bottom track and floor.
6. Rivets: 1 9/16" x 1/4" solid steel rivets.
7. Rollers: Full ball bearing rollers.

8. Hinges: 4 1/2" x 4 1/2" full face, riveted pin, butt type. (Specifier note: alternate- 1) special Acorn 180 degree hinge.)
9. All gates to have substantial mortise type cylinder locks operated by key both sides. (Specifier note: alternates – 1) internal hasp for padlock; 2) thumb turn inside, 3) lever inside, 4) electric release, 5) magnetic lock.) Lock cylinder by: (Specifier note: 1) hardware supplier; 2) owner; 3) Acorn.)
10. Finish: to receive one coat, with color selected by architect from manufacturer's standard colors. (Specifier note: finishes-1) electro-galvanized; 2) powder coated.)

B. Accessories

1. Shallow wall cabinet: 3/16" cold rolled Z bar frame, with 16 gauge steel back. Flush 16 gauge doors have formed C edges. Custom hinges allow for door to be locked with gate in either the extended or collapsed position. (Specifier note: folding top and bottom, shallow wall cabinet gates should be called out as Acorn model 5761.)
2. Deep wall cabinet: 13 gauge formed sheet steel with 3/16" thick cold rolled fascia strips and door. 3" x 3" full face, riveted pin butt hinges. (Specifier note: folding top and bottom, deep wall cabinet gates should be called out as Acorn model 5762.)
3. Surface mounted cabinet: shallow or deep type cabinets wrapped in 16 gauge cold rolled sheet steel.
4. Ohio emergency exit device: lever type cylinder with glass cover and steel hammer attached with chain on interior side of gate.
5. Collapsible lock protection box: 4" x 4" x 1'-0" long collapsible box to cover interior thumb turn cylinder.

6. Top stationary track Lawrence No. 301. (Specifier note: Top stationary track gate should be called out as model 5748.)
7. Top guide 13 Gauge Channel. (Specifier note: Top guide gate should be called out as model 5744, 5765, or 5766.)

Part -3 Execution

3.01 Installation.

- A. Install gate in accordance with manufacturer's shop drawings. All moving parts are to operate freely.
- B. Use touch-up paint on any surface damaged during installation.

