

VertiGate Integrated System Specifications

Barrier:

Standard - maximum length to 18' - maximum height to 8', minimum to 5'

Barrier Styles:

Peak, Hill, and Prairie: with or without filigree
Custom - Design to conform to engineering requirements.

Picket Styles

Standard - Plain capped
Custom - Pressed spear point, cast points and filigree available

Materials:

Pickets - 3/4" x 3/4", 16GA. pre-galv steel and .062 aluminum square tubing - Standard
1" x 1", .065 aluminum square tubing
Pressed spear points and ornamental cast points available
Rails - 2 x 2, 16GA. pre-galv steel or .125 aluminum square tubing
Center Rails - 1" sq. aluminum tubing
Enclosure - Galvanized sheet metal
Paint - Powder coat finish - 6 standard colors - Custom colors available

Power System:

Solar or line voltage charged, heavy duty, 12-volt battery - Recommend minimum 60 month

Gate Operator:

12" wide x 20" deep to 6' high
10 GA. steel front and rear members - 1/4" steel base and top members
Mount - 4 anchor bolts -5/8" x 12" minimum
Heavy duty bearings - 1" stainless steel axles
Lift system - Ball screw linear actuator
Counterbalance - Commercial grade springs engineered for 500,000 to 1,000,000 cycles
Ball bearing spring hangers
Operational speed of 8 - 12 seconds, adjustable, from start to full open.

Controls:

Solid state - no relays - PWM speed control, self-diagnostic - Mounted remotely in gasketed, weather-tight box
Radio remote - 2 transmitters included
Interfaces with all standard, phone entry, touch pad, card reader, loop detector entry
And exit systems. (Dry Contact)

Safety:

Infrared detector with current sensing backup
Manual release lever is built into upper rail - lockable - one hand operation