



SSG Technical Specifications

Product Name

Waist High Gate – Model SSG

Manufacturer

Alvarado Manufacturing Co., Inc.

12660 Colony St.

Chino, CA 91710

Telephone (909) 591-8431

Toll Free 800-423-4143

Fax (909) 628-1403

www.alvaradomfg.com

Email: information@alvaradomfg.com

Product Description: The SSG gate is a manual, waist high, self-closing gate. The standard SSG is a non-locking gate with a gravity closure mechanism installed in the hinge post.

The following configurations of the SSG are available:

- **SSG-1** – The gate arm is equipped with a stop tab and swings in one direction.
- **SSG-2** – The gate arm is not equipped with a stop tab and swings in both directions.

Materials: All tubing and sheet metal materials meet the appropriate ASTM Standards.

Mechanical Components:

- The **Gate Arm** is a fully welded assembly constructed of 1.5” diameter x 16-gauge stainless steel tubing. The assembly consists of a tubular arm frame bent to form a “U” shape with two notched and welded interior vertical pieces. All welds are ground smooth. The top of the gate arm is 36.6” from the floor. The bottom of the gate arm is 20” from the floor. In a fully open (90 degree) position, the gate provides a clear opening of 35” (latch post base flange to hinge post tabs).
- The **Latch Post** is constructed from a 2.25” diameter x 16-gauge stainless steel tube with a steel cap. All welds are ground smooth. The post is 39.75” high and is secured to the floor using four anchors and bolts. A base flange cover is provided.

- The **Hinge Post** is constructed from a 2.25" diameter x 16-gauge stainless steel tube with a steel cap. All welds are ground smooth. The post is 39.75" high and is secured to the floor using four anchors and bolts. A base flange cover is provided.

Finishes: The SSG Gate is available in the following finishes:

- **Powder Coated** – Available in a wide variety of colors. Sub-assemblies are sand blasted to prepare for the powder coat finish. The powder is electrostatically applied, then baked to assure proper curing and adhesion.
- **Stainless Steel** – All external fabricated materials are fabricated from #304 stainless steel (noted in the descriptions above as #304 SS) and polished to a #4 satin finish.

Size: SSG units have an overall height of 39.75", an overall width of 47", and a depth of 5.5" when the gate arm is closed. The height of the gate arm is 36.625".

Shipping: SSG gates are shipped in two main sections: the Gate with Hinge Post, and the Latch Post. Each section is fully fabricated as a sub-assembly for easy installation. Each SSG gate includes mounting hardware (anchors, bolts, washers, etc.) to mount the unit to a standard, level concrete floor. Alvarado ships products throughout the world.

Installation: All SSG gates must be installed on a firm foundation. The gate must be installed on level concrete. No embedded fasteners are needed for installation. Installation should be performed by a skilled installer following the manufacturer's directions and instructions (supplied with the gate).

Options:

The following is a list of options that are available for the SSG gates:

- **Crash Plates** – Crash plates are 8" high and run the entire length of the gate arm. Crash plates are constructed from 1/8" thick stainless steel and are welded to the upper portion of the gate arm assembly.

Warranty: Alvarado Manufacturing Co., Inc. warrants the SSG gate from defects in material or workmanship, for the period of ONE YEAR from date of shipment. Complete details of the warranty are available from Alvarado by request.

Technical Services: Technical information is available from Alvarado Mfg. Co., Inc., and its representatives, distributors and dealers.