NAUTILUS®
GATE HINGE FOR METAL APPLICATIONS

MOUNTING

1. If you are on the side of the fence with the hinges facing you (with the gate opening towards you), then the side the gate is on will indicate the handing (Fig. 1).
   For example, if the gate is to the left of the hinges, then left-handed hinges are required. The top of the upper hinge should be mounted within 6" of the top of the upper rail, and the bottom of the lower hinge should be mounted within 6" of the bottom of the lower rail (Fig. 2). In applications where additional hinges are used, they should be evenly spaced between the upper and lower hinges.
2. The hinges should be positioned on the front-facing surfaces of the post and gate frame with the gate in the closed position. Hinges must be in line with each other to function properly. Mount the lower and upper hinges as shown using the supplied self-drilling screws (Fig 3). Self-drilling screws are intended for aluminum fences; other fence materials may require different mounting hardware. The hinges may be adjusted horizontally or vertically since the mounting holes are slotted.
   For applications where hinges MUST be self-closing, such as for pool gates, a stop must be installed to prevent the gate from opening more than 90 degrees.
   The Nautilus® has a hold-open feature which allows the gate to stay open when opened beyond 90.
   In applications where the hold-open feature is used, a stop MUST be installed to prevent the gate from opening more than 160 degrees, as opening the hinge past 160 can cause catastrophic damage.

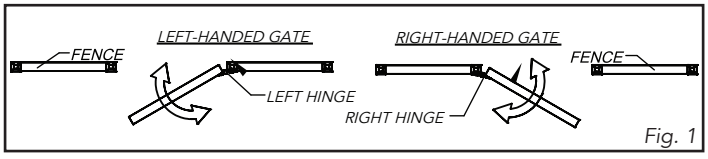

Fig. 1

Hinge Set	Gate Weight*
Active-Active	Up to 125 lbs

*For a 4' x 6' gate.

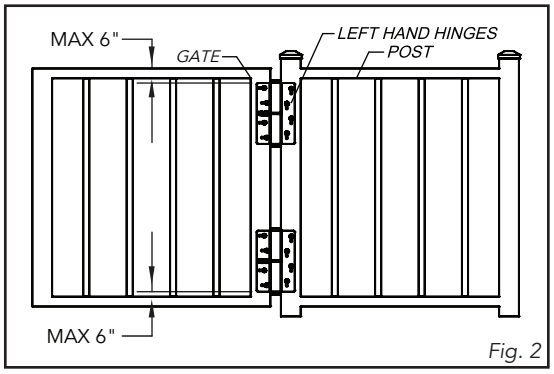

Fig. 2

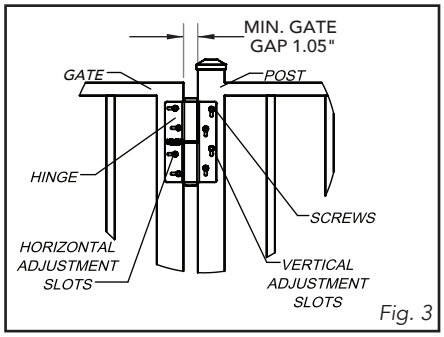

Fig. 3

CLOSING SPEED ADJUSTMENT

Once the hinges are properly mounted, the closing speed may be adjusted using a Phillips head screwdriver. On the bottom side of the Active hinge, there is an adjustment screw (Fig. 4). As noted by the adjustment markings on the hinge, turn the screw in 1/4 turn increments clockwise to reduce closing speed, or counter-clockwise to increase closing speed.

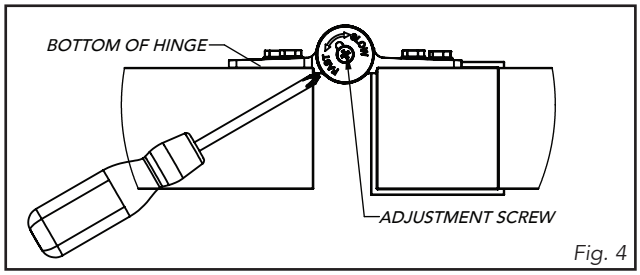

Fig. 4

NOTE:

The hinge should be inspected annually, or more frequently if the gate is used often. Closing speed adjustments should be made as needed.