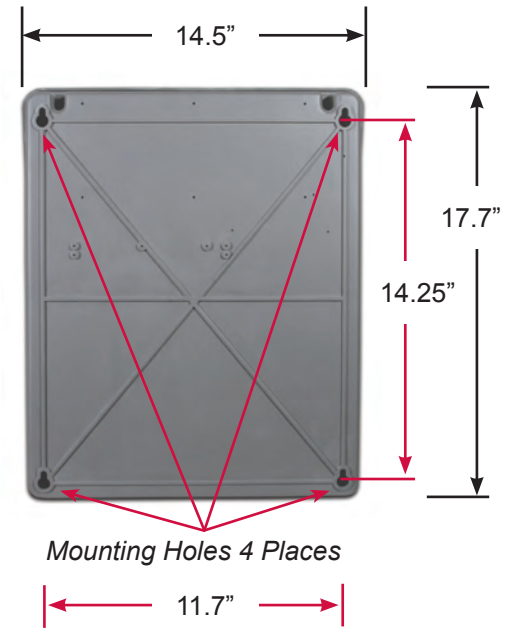
BOX DIMENSIONS



GATE QUALIFICATIONS/APPLICATIONS

The pictures below are provided as a guide to help understand the types of gates and size to provide many years of operation.

Ornamental Iron
13 feet max length. Max weight 400 lbs.

Farm Gate
20 feet max length. Max weight 250 lbs.

Ranch Gate
16 feet length. Max weight 300 lbs.

Chain Link Gate
14 feet length. Max weight 350 lbs.

PROPER GATE DESIGN

IMPORTANT- A GATE OPERATOR CANNOT OVERCOME A POORLY DESIGNED GATE.

Since the gate is a major component of the system, great care and concern must be given to the gate design. USAutomatic, LLC is not responsible for any damage to a gate on which the gate operator is installed. A poorly installed or misadjusted gate could be damaged. It is the responsibility of the installer to verify proper gate installation prior to operator installation. As a general rule, a gate, which is to be automatically operated, must be stronger and smoother than one operated manually.

- Does the gate swing smoothly without binds or excessive resistance?
- Swing gates should swing level and plumb to prevent the operator from having to lift the gate open or closed.
- Swing gates should not require a wheel to support them. Wheels create drag, which will cause operator problems. A wheel is generally a sign of a weak hinge system or a weak gate frame.
- Is the gate frame of substantial strength without excessive weight?
- Will the frame withstand normal wind load conditions without sway or vibration?
- Will the gate close correctly without being hand-guided or lifted to close?
- Are the hinges suited for an automatic gate operator? We recommend bearing type hinges to reduce friction drag.
- Will a reinforcement brace be required to attach the linear actuator to the gate or does a suitable cross member exist in the gate design?

If any of these problems exist, they must be corrected to achieve a reliable automatic gate system.

All Gates must have smooth bottom edges, no protrusions should exist. If gate hardware or sensors protrude, they must have smooth surfaces free of any sharp cutting edges that do not exceed ½ inch beyond the base of the gate. (ASTM F2200: 4.8)

Gate MUST be level

Post MUST be plumb

Gate should not require a wheel for support.

Gate should not be unlevel due to weak frame.

Gate should not be unlevel due to unlevel post.