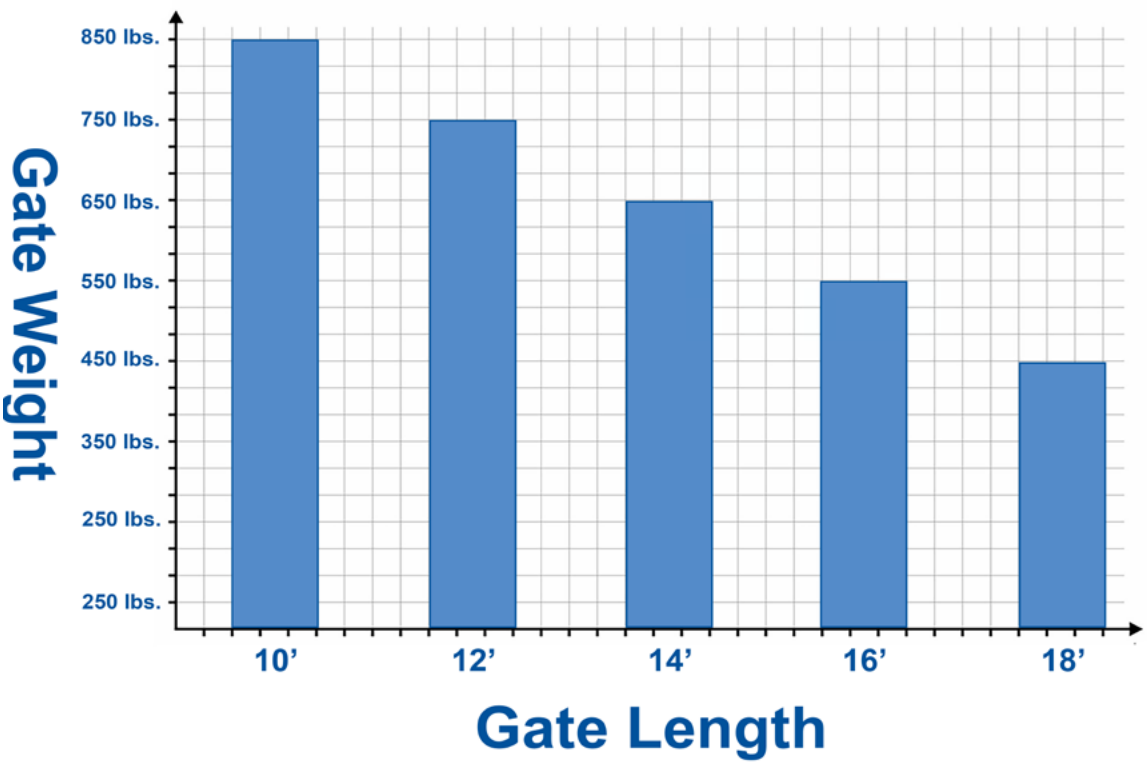
Gate Length vs Gate Weight Considerations



- When purchasing a gate or door opener you will see "Max Gate Weight" and "Max Gate Length"
- This is sometimes called "Max Leaf Weight" & "Max Leaf Length" depending on manufacturer
- As your gate length gets longer, the overall gate weight will *increase*
- This causes the maximum weight capacity of your gate opener/operator to *decrease*
- This is due to the leverage that the opener has at the hinges or on the supporting hardware / post (rollers, wheels, etc)
- Manufacturers publish this as stepped ratings, so check your gate's length against the chart listed in the manual first, then confirm the weight allowed at that length

Q: How does gate weight and length actually correlate?

A: The reason is *leverage*: the hinges (or rollers) carry the gate's actual weight, while the motor's job is to move it, and the farther that mass sits from the pivot point, or the more wind it catches, the harder the motor works.

Q: What if I have a double gate?

A: If you have a double gate, you will need a secondary actuator. Each arm has the same capacity, so the overall gate weight is going to be twice the weight of what one actuator typically handles. This is measured per leaf.

Q: Can I add a secondary actuator to my gate?

A: If you have upgraded to a double gate, you may be able to add another actuator to your system. This is dependent on the control unit your actuator arm uses with different manufacturers using different brands. It is recommended to purchase designated double/dual gate opener packages.