

FenceTrac Assembly Wind Load Capacity Chart

2018 IBC, ASCE 7-16, Risk Category I, 1.5" Max. Icing, 40 mph Ice Wind Gust

<u>Height</u>	<u>Exposure Category B</u> <u>Max. Wind Speed</u>	<u>Horizontal Infill Design</u>
6' H	102 mph	102 mph
8' H	92 mph	92 mph

*Table is based on 3" square post.

- Table is based on a basic wind speed per ASCE 7-16 and only applies for this code.
- Table is for 6 ft maximum spacing between posts.
- A Licensed Professional Engineer shall be consulted to verify code and site-specific requirements.
- Assemblies are adequate for ice and wind loads less than those shown.
- Foundations shall be designed by a Licensed Professional Engineer based on site specific criteria.
- Table is valid for 7/8" thick x 5 1/2" wide cedar tongue and groove boards, Grade #2.
- Reference FenceTrac Assembly drawings for add'l information including material sizes and specs for posts and rails

***The screw spacing shall be #14 screws at 12" o.c. from vertical track to post**

FenceTrac Assembly Maximum Wind Load Capacity Chart

2018 IBC, ASCE 7-16, Risk Category I, 1.5" Max. Icing, 40 mph Ice Wind Gust

<u>Height</u>	<u>Exposure Category B</u> <u>Max. Wind Speed</u>	<u>Horizontal Infill Design</u>	<u>Vertical Design</u>
6' H	154 mph	154 mph	154 mph
8' H	147 mph	147 mph	N/A

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***Connect post trac @ 6" o.c. to 3" post for Horizontal Infill Design**

***Connect post trac @ 6" o.c. to 3" post for Vertical Infill Design**

***Connect Infill boards @ 6 locations @ top and bottom track for Vertical Infill Design Only**

