



## Niagara SkyWheel – Technical Facts

Canada's only giant observation wheel is a marvel of technical engineering. The wheel operates on a 12 to 15 minute ride cycle.

### Specifications

SkyWheel height: 53 m/175 ft.  
SkyWheel diameter: 50.5 m/165 ft.  
Main axle height: 27.5 m/90 ft.  
Base width: 25 m/82 ft.  
Base depth: 20.5 m/67 ft.  
Number of spokes: 21  
Ride weight (when empty): 127,142 kg/280,300 lbs

### Performance

Year Round Operation  
Revolutions: 1.5 rpm maximum  
Maximum speed: 4 m/s (13 ft./s)  
Maximum wind speed (operating): 45 mph  
Ride duration: variable 12 to 15 minutes  
Direction of travel: clockwise and counter clockwise  
Motors: total 200 hp (144 kW)

### Gondolas

Number of gondolas: 42  
Fully enclosed with Air Conditioning and Heating  
Maximum capacity per gondola: 8 passengers  
Loading: 6 gondolas simultaneously  
Average passenger weight per gondola:  
78 kg/170 lbs=624 kg/1360 lbs  
Maximum total passenger weight: 26,208 kg/57,120 lbs  
Minimum passenger height: 42 inches (unaccompanied by an adult)

For media inquiries or to make arrangements for photography, please contact:

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