

VORTEX TUNNEL SPACE REQUIREMENTS

The Vortex tunnel measures, 2.8194 Meters (9' 3" inches) wide and 6.1214 Meter (20' 1") long. The bridge is 914 mm(36") wide and the bridge is 406.4 mm(16") off the ground. I recommend a space 4.2672 meter (fourteen feet) wide and 3.048 Meter (10') high, and 6.1468 Meters long (20'2"). You must also provide the space for a platform at each end so guest coming off the bridge have a platform the same height as the bridge to walk onto. You will also need room for a step or ramp.

Some companies recess the bridge into a "PIT" so the patrons can walk straight onto the bridge without an incline. Most installations put the Vortex Tunnel at floor height and build a platform on each end and then a ramp up and down or a step at the end of the platforms. You will need handrails on your platforms as well. Check with your local building codes.

I recommend the 914 mm(36 inch wide) bridge for the walkway since its wheelchair accessible, but not ADA. We do offer ADA flooring upon request. We recommend the heavy duty rings if the Vortex Tunnel will be operated year round. We also require the high security handrail if children will be present. The motor is available in 115 volts or 230 volts but only available at 230 volts for Europe. The power outlet needs to be at the center of the room at knee height. One 20 ampere circuit for the motors with a switch to disconnect in the maintenance area. The motor(s) draws about 3 ampere's each. You will need one ten amp circuit for the six LED Fixtures, they draw about 4.2 ampere's. We offer a motor controller that includes a timer to turn the Vortex Tunnel on for a set time, and beam sensors that site down the sides of the bridge outside the handrails that will turn the Vortex Tunnel off in the event an object or person would fall over the railings. The controller also has the ability to connect an emergency stop button to be located outside the Vortex Tunnel at the entrance or possibly both ends.

Delivery time is three weeks after the first bank wire is processed. Please supply GEP the address to work on a shipping quote.

The Vortex Tunnel takes one day installation for your crew of two or three persons. On-site technical support from GEP is available to oversee the installation but provides no hands on support. We require the cost is Airline, hotel, food, ground transportation and \$1,000.00 for misc expenses. However a detailed instruction manual is available and installation in not necessary by GEP.

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