



0114.2000

Please refer to PART 1: VORTEX GENERAL CLAUSES for all Play Product construction and installation information.

1.0 Play Product Specifications:

- 1.1. **Play Product Structure:** The Umbrella VOR-114.2000 shall be constructed of 304/304L stainless steel structural tubing with an outside diameter of 5.625" (14cm) and a wall thickness of 0.134" (3.4 mm). It shall have a flange at the top end, attached with a ¼" (6mm) watertight weld. A Dome with a diameter of 60" (152.4cm) and a thickness of 0.184" (4.6mm) shall be attached to the upper flange of the structure using eight (8) ¾" (1.9cm) x 3½" (8.9cm) hex bolts complete with eight (8) ¾" (1.9cm) hex nuts and eight (8) ¾" (1.9cm) lock washers. The SAFESWAP™ anchoring and leveling system shall be used.
- 1.2. **Overall play product dimensions:** The above ground height shall be 120" (305cm), the width 60" (153 cm) and the length 60" (153 cm).
- 1.3. **Play Product Interactivity:** The Umbrella shall create visual interest as water cascades over the edges of the dome in a sheet of droplets.
- 1.4. **Hydraulic Activity/Components:** Water shall stream over the dome in a cascading sheet of droplets.
- 1.5. **Hydraulic Requirements:** The hydraulic requirements shall be 50-100 gpm (189 – 379 lpm) @ 5-15 psi (0.3 – 1 bar).