



0136.2008

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 Super Wave, VOR-136.2008, shall be constructed of 304/304L stainless steel structural tubing with an outside diameter of 4½" (11.4cm) and a wall thickness of .237" (6mm). The Slide is constructed of 4" bended stainless steel pipe in each side of the structure. A 0.5" (1.27cm) ecoresin panels should be fixed on top of the two bended pipes. The wheel of the Super Wave is similar as an impeller. It is constructed with 11 gage stainless steel rolled panels and welded to each other to take the shape of the impeller and three (3) .5" (1.27cm) ecoresin panels are fixed in each side of the propeller. The SAFESWAP™ anchoring and leveling system shall be used.
- 1.2. **Overall play product dimensions:** The above ground height of the structure shall be no less than 248" (630 cm). The head clearance of the structure shall be no less than 101" (255 cm)
- 1.3. **Play Product Interactivity:** The Super Wave shall create visual interest and build anticipation as the wheel fills and then turn to release water in the immediate area.
- 1.4. **Hydraulic Activity/Components:** The wheel shall have a 2" (5 cm) pipe size fill spout, The Wheel container accepts 65 to 70 US gallons (246 to 265 liters) before dumping the water.
- 1.5. **Hydraulic Requirements:** The hydraulic requirements shall be 25-35 gpm (94-132 lpm) @ 5-10 psi (0.34 – 0.69 bar).