



0103.2000

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 Bucket Trio VOR-103.2000 shall be constructed of 304/ 304L stainless steel structural tubing with an outside diameter of 4½" (11.4cm) and a wall thickness of 0.120" (3mm). There shall be three (3) horizontal, interchangeable support arms extending 45" (114.3cm) from the vertical support structure, attached to the main structure using a watertight, tamper-resistant joint. There shall be one (1) dumping bucket mounted to each support arm using a tamper-resistant stainless steel shaft for a total of three (3) dumping buckets. Each bucket shall be constructed of high density fiberglass, and include an integrated non-visible counterweight system. The counterweight system and selectable mounting orientation will determine each bucket's main dumping direction. 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 129" (328cm) with a head clearance of no less than 97" (266cm).
- 1.3. **Play Product Interactivity:** The Bucket Trio shall create visual interest and build anticipation as the buckets fill and then dump water in the immediate area.
- 1.4. **Hydraulic Activity/Components:** Each bucket shall have a 1" (2.54cm) stainless steel fill spout and an incorporated drain pilot hole to prevent an accumulation of stagnant water during non-operational hours. The volume of water dumped from each bucket shall be no less than ¾ of a US gallon (2.84 liters) and no greater than 1½ US gallons (5.68 liters).
- 1.5. **Hydraulic Requirements:** The combined hydraulic requirements of all three (3) Buckets shall be 9-15 gpm (34.1-56.8 lpm) @ 5-10 psi (0.345 – .69 bar).