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

1. Play Product Specifications:
	1. Play Product Structure:The Sea Silhouette Whale shall consist of a 3 main curved structures, front, body and tail with post made of 304/304L stainless steel tubing with an outside diameter of 3.50” (8.9cm) and a wall thickness of 0.30” (7.6mm), and a top section of the tail shall be made of 304/304L stainless steel tubing with an outside diameter of 2.375'' (6.0cm) and a wall thickness of 0.109” (2.7mm). The top section consists of two curved post branches welded in a Y-shape. All bending shall have no joint or ripples. The tail (2), the front body (2) and the back jounction (1) shall be made SEEFLOW™ polymer panel 0.5” (1.27cm) attached using tamper-resistant fasteners. The top section spins freely by means of the TWIRLTEC™ mechanism and is self-propelled to spin by six (6) nozzles. The front portion contains (3) misty water spray nozzle. The nozzles shall ne made of 304/304L stainless steel and all openings shall be free of finger entrapment hazards. At the Top of the whale body a nozzle made of UHMWPE with (9) openings, creates a fountain/geyser effect, controlled by a an interactive flow valve attached at the base of the whale front body post. The flow valve shall be made of a soft touch polyurethane with grip texture patterns. SAFESWAP™ anchoring (3) and leveling system shall be used. The TOEGUARD™ will then be added to protect children's toes from anchoring hardware.
	2. Installation on site**:**

Installation on site must use the provided installlation template during concrete pouring for the placement of all three (3) anchoring at the proper place

Assembly on site must follow the provided exploded assembly drawing to connect the Front whale to the Whale tail post with the Whale body junction. The Body-tail panel will secure the structure in place. Finally the Whale upper tail portion can be put in place along with the three (3) TOEGUARD™ assemblies.

* 1. Overall play product dimensions**:** The overall height of the Play Product shall be 138.5" (351 cm) above ground.
	2. Play Product Interactivity: Run to avoid the spiraling water from the whale's twirling tail that creates two water curtains projected downwards from the top section branches. As the self-propelled top section spins, the water curtains spiral around, creating an impressive effect for kids to play with. Kids can choose to cross through or avoid the advancing wall of water.

Turn the interactive flow wheel to control the high-flying spray geyser from the whale's blowhole. The flow wheel can shut down completely the water effect so the kids can choose when to release it.

Cross through the belly of the whale to get refresh by misty water effects. The whale front portion can be use as an arch to pass under and get refresh by three (3) stainless steel nozzles that produce misty water effects.

* 1. Hydraulic Activity/Components: The top section spins freely and is self-propelled. The six (6) downward laminar water jets create two spiraling water curtains for kids to play with. The three (3) misty water effect nozzle located in a leg of the Whale front will create a misty water effect. The Geyser blowhole had nine (9) holes creating a fountain/Geyser water effect flying high in the air over the Whale body.
	2. Hydraulic Requirements:The hydraulic requirements shall be 13-21 gpm (49.1-79.3 lpm) @ 14-24 psi (1.0-1.6 bar).