

AQUAZIP'N® SPECIFICATIONS

System Description

Deck mounted, overhead self-retracting pool rope swing. Components consist of Steel support structure, self retracting trolley system with handline. Manufactured off site. Designed to withstand chlorinated environments.

Components

Rope System

Rope system consists of a $\frac{5}{8}$ " 3-Strand Twisted, High Tenacity Polyester, Plied Yarn. High tenacity for durability, low stretch, superior UV resistance, excellent resistance to acids/chlorines. Attached to the Trolley using high density plastic connector and 3" stainless steel carabiner. See manufacturer's full specification for details.

Support Frame

The support frame shall be fabricated of 304 stainless steel sections powder coated in Glacier White, consisting of multiple bolt-together assemblies. The Frame height is 115" and maximum width of 39" with an overall length of 147" from back of structure to end of track.

Anchors

Anchors are to include either Hilti Chemical Anchors using Hilti HIT-HY 200 Adhesive— $\frac{5}{8}$ " diameter or HAS-R stainless steel wedge anchor (or approved equivalent) with a $3\text{-}\frac{1}{8}$ " minimum embedment, (5qty anchors) per leg. Install anchors per manufacturer instruction.

Fasteners

All fixed connections: Bolts, Flat Washers, Nuts, are attached by grade 18-8 stainless steel or higher. Anchors will be 18-8 Stainless Steel or higher grade.

Trolley Cable Retraction Assembly

$\frac{3}{16}$ " Dyneema 12-strand Cable

Warranty

AquaZip'N® is warranted to the original purchaser to be free from defects in material and workmanship from the date of installation, during normal use and installation, with exclusions of cosmetic defects through wear and tear: Limited 2-Year Warranty

Design Recommendations

Deck & Gutter

The pool deck in the AquaZip'N® installation area should be as level as possible. If the pool has a coping greater than 1-½", or does not meet the standard base concrete requirements below, additional hardware components may be required. Please complete the Poolside Adventures™ Gutter Configuration Worksheet available on our website and contact a Poolside Adventures™ representative to determine the proper installation hardware and anchoring required.

Concrete Requirements

Standard length anchoring system requires a minimum concrete depth of 4" (with 6x6 W2.0 welded wire mesh ASTM A185) with 3000 psi rating or greater, embedded to a minimum depth of 3-½". See Hilti anchor requirements for further details. Further concrete requirements for proper installation includes a 4" thick, 6' wide (away from pool edge) of uninterrupted, un-cracked concrete slab section. Length (parallel with pool edge) of concrete slab can vary based on desired maximum rider weight:

- 8' long for 250 lbs rider load rating
- 7' long for 200 lbs rider load rating
- 6' long for 150 lbs rider load rating

Clearances & Safety Recommendations

Please contact a Poolside Adventures™ representative for current product information regarding pool depth and clearance zone recommendations based on the deck and configuration to be installed.

State certified engineered drawings and/or drawings specific to actual site installation details may be required for approval of AquaZip'N® installation. Standard structural engineering drawings are available at no charge. State or site-specific engineered drawings may be an additional cost. Please contact the appropriate local governing department for more information.

Poolside Adventures™ product guides, installation instructions, owner's maintenance guide and other resources are available at www.poolsideadventures.com or can be requested by calling 800-956-6692.

