AQUATIC ZipN’ SPECIFICATIONS

AquaClimb – AquZipN’ Model (AC-ZipN’)

Distributed and/or Manufactured by Pyramide USA Inc. – PO Box 530 – Frederick, MD 21705

1.1 SYSTEM DESCRIPTION
Deck-mounted Overhead Pool rope swing. Components consist of rope and Steel Frame and trolley return system manufactured off site. Designed to withstand chlorinated environments.

1.2 COMPONENTS

Rope System
Rope system consists of a 5/8 in, 3-Strand Twisted, High Tenacity Polyester, Plied Yarn. High tenacity for durability, low stretch, superior UV resistance, Class 1-3 Strand Spice, excellent resistance to acids/chlorines. Supported by a ½" SS thimble connected to a 3” SS carabineer. See manufactures full specification for details.

Support Frame
The support frame shall be fabricated of 304 SS sections powder coated in Glacier White, consisting of a 2 piece base assembly. The Frame height is 96” and maximum width of 36” with an overall length of ~ 117” from bolt anchors end of rail.

Anchors
Anchors are to include Hilti safe set system using HY-2—epoxy & ½” diameter stainless steel threaded rod with a 2 ¾ embedment, (3) per leg minimum or approved equal. Install anchors per manufacturer instruction.

Fasteners
All fixed connections Hex Bolts, Flat Washers, Lock Washers are attached by grade 18-8 stainless steel or higher. Epoxy Anchors will be 18-8 or high grade of Stainless Steel.

Trolley Cable Return Assembly
1/16" 6x37 IRWC Galvanized

1.3 WARRANTY
AquaZip’N is warrantied 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

1.4 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 1/2”, or does not meet the standard base concrete requirements below, additional hardware components may be required. Please complete the AquaClimb Gutter Configuration Worksheet available at www.aquaclimb.com (Resources) and contact an AquaClimb representative to determine the proper installation hardware and anchoring required.
1.4a Concrete Requirements

Standard length wedge anchoring system requires a minimum concrete depth of 4” with 3000 psi rating or greater embedded to a minimum depth of 2 ¾”. See Hilti requirements for threaded rod-mount anchors. Further concrete requirements for proper installation includes a 4” thick, 6’ wide (away from pool edge) and (along pool edge) of un-interrupted, un-cracked concrete slab section:

12 ½’ long for 250 lbs rider load rating
11’ long for 225 lbs rider load rating
10’ long for 200 lbs rider load rating
8’ long for 150 lbs rider load rating

Minimum distance from leg to/from expansion joint = 30”. Owner must provide periodic inspection to ensure that the entire concrete section remains un-cracked for the life of the equipment installation.

1.4b Clearances & Safety Recommendations

Please contact an AquaClimb 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.

Additional Information: AquaClimb product guide, installation instructions, owner’s maintenance guide and other resources are available by contacting us for assistance at 800-956-6692. www.aquaclimb.com