



800-956-6692
www.aquaclimb.com

AQUATIC NINJA SPECIFICATIONS

AquaClimb – AquaNinja Model (AC-Ninja)

Manufactured by Pyramide USA Inc. – PO Box 530 – Frederick, MD 21705

Contact: Leslie Amico, Sales Manager, leslie@aquaclimb.com 800-956-6692 x103

1.1 SYSTEM DESCRIPTION

Deck-mounted Overhead Pool climbing and traversing feature spanning the width of the pool. Components consist of Net System and Steel Frame manufactured off site. Designed to withstand chlorinated environments.

1.2 COMPONENTS

Netform Rope System

Rope System consists of 16mm Steel Core Netform with Solid Plastic Connectors, Solid Plastic Rungs (Yellow, Red or Black); Spreader bars – 2" Sched 40 SS pipe powder coated black or tan.; Termination Hardware: Turnbuckles.; Span to be ~ 25' and Width: 2'-3' Activity Length: 16 ft.

Support Frame

The support frame shall be fabricated of 304 SS sections powder coated in Bengal Silver, consisting of base assembly mounting plate with a 304 SS Tube Support Frame of various lengths to achieve the required height and a lug plate to attach the suspension cords. The Frame height is 82.89" and maximum width of 44" with an overall length of 408" end to end from eye bolt anchors.

Anchors

Standard anchor system includes five 5/8" D x 4" L stainless steel mechanical wedge anchors per base section with a safe working load of 2075lbs/ea. Tightening torque is 90lbs per anchor. Additional anchoring options may be required for various types of gutter and coping configurations. This will be determined based on gutter details provided. Eyebolt anchor plate is 304 stainless steel powder coated to match the frame, secured to the deck by 3 x SS wedge anchors 3/8" diameter 3-1/2" long.

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.

Cable Assembly

3/8" 6x37 IRWC Galvanized
Copper Swaging sleeve
SS Thimble

1.3 WARRANTY

Aqua Arch 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:

Frame – Limited 5 - Year Warranty

Netform – Limited 5 -Year Warranty

1.4 DESIGN RECOMMENDATIONS

Deck & Gutter

The pool deck in the AquaClimb Aqua Arch installation area should be as level as possible. If the pool has a coping greater than 1", 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 4000 psi rating or greater embedded to a minimum depth of 2 ¾". See Hilti requirements for flush-mount anchors.

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 AquaClimb Aqua Arch 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

