

**HydroChamp II Basketball System**

1. **VERTICAL POLE** - Vertical pole shall be one-piece 4" square stainless steel with a minimum 11 gauge wall thickness. Posts with thinner wall thickness are not considered equal. A 3/8" thick baseplate and 4 support gussets shall be welded at the bottom of the vertical pole to allow the unit to be installed via an anchoring system. 5/8" diameter stainless steel anchor bolts shall be included. A black ABS finishing cover shall be provided to cover anchor bolts after installation. Pole shall have a watertight vinyl cap to seal out moisture. Entire unit shall be powdercoated black.
2. **EXTENSION ARMS** - Adjustable extension arms shall be constructed of 1 1/2" x 1 1/2" tubing. Extension shall allow for a minimum 18" from front of post to face of backboard with rim at 10' playing height. Pole structure design shall allow for rim height to be adjusted in six inch increments (30" adjustment range) by using a pole or broom handle to release an adjustment mechanism located in the extension assembly. One spring mounted in the extension assembly shall be included to counteract the weight of the backboard and rim making one-person adjustments easy. Pole design shall permit the rim to be mounted directly to the extension arm through the backboard so as to reduce stress on the backboard.
3. **BACKBOARD** - Constructed of 3/8" thick acrylic with bright white screening. The framework shall be constructed from clear anodized aluminum "L" type extrusions. Overall backboard size shall be approximately 48" wide and 36" high.
4. **RIM** - Flexible type so as to absorb the stress of player contact. The rim shall be of institutional quality with an official 5/8" diameter ring. Ring opening diameter shall be the standard 18" I.D. Rim shall be plated yellow zinc prior to coating to prevent rust. Rim shall have an orange powder coated finish. Heavy-duty nylon net shall be provided.
5. **WARRANTY** - Pole, backboard, and standard rim shall carry Lifetime Limited Warranty. Entire system weight shall be approximately 150#.