

**WallMonster Arena Basketball System**

1. **WALL MOUNTING STRUCTURE** – Structure shall be all welded steel construction. Two ¼” thick wall struts shall be provided with four mounting holes per side for ease of attachment (hardware for attachment to wall not provided). These items shall be designed to be mounted to virtually any vertical wall surface. Attachment area required shall be approximately 28”x 46”.
2. **EXTENSION ARMS** - Adjustable extension arms shall be constructed of dual 2” x 2” tubing. A height adjustment crank cylinder shall be mounted within the extension arms and have a minimum 11,000# capacity rating. Standard 48” offset installation shall allow for rim height to be adjusted infinitely from 10’ down to 7 ½’ while alternate 36” offset installation is adjustable from 10’ down to 6’. Four springs mounted in the extension assembly shall be included to minimize the amount of effort required to adjust the goal height when raising or lowering the unit. A removable crank handle shall be provided. Design shall permit the rim to be mounted directly to the extension arm through the backboard so as to reduce stress on the backboard. An easy-to-read height adjustment label shall register rim height.
3. **BACKBOARD** – Constructed of 1/2” thick clear tempered glass with bright white ceramic markings fired into the glass. The framework shall be constructed from clear anodized aluminum “F” type extrusions. Overall backboard size shall be approximately 72” wide and 42” high.
4. **RIM** - Standard rim shall be of a flexible type so as to absorb the stress of player contact. Spring action shall be provided by a heavy duty compression wire spring. A steel coverplate must enclose entire internal mechanism. All structural components shall be built of no less than 3/16” steel. Rim shall be of institutional quality with an official 5/8” diameter high strength steel ring supported by a 3/16” brace supporting 60% of the ring. Rim shall be punched to mount either a 3”x 4” or 5”x 5” hole pattern. Orange powdercoated finish.
5. **WARRANTY** - Structure, backboard, and standard rim shall carry Lifetime Limited Warranty. Entire system weight shall be approximately 380#.