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## PRODUCT SPECIFICATION

VB1002 (VB1002NS) CENTERLINE® ELITE ALUMINUM VOLLEYBALL SYSTEM

REVISED 7/1/17

## **VB1002 (VB1002NS) Centerline® Elite Aluminum Volleyball System**

Systems shall consist of three (3) standards, two (2) with winches and one (1) center post without a winch suitable for setup as two side-by-side volleyball courts.

Standards shall be special 6063-T6 aluminum extrusions. The telescoping design shall insure that no portion of the standard protrudes above the top of the net at any net height setting on either end. The 3" outer tube shall have a 5/16" minimum wall thickness and have extruded flat surfaces on the inside diameter to eliminate inner pole rotation. The inner pole shall be extruded in a special shape to fit inside the outer pole, have machined markings for men's and women's playing heights, and have a minimum wall thickness of 5/64". A pin in the outer tube shall ride in a machined slot in the inner tube to prohibit the inner tube from separating from the outer tube. Inner tube shall have anodized finish. Outer tube shall have a powder coated finish. Bottom of outer tube shall be fitted with a threaded adjustment assembly with a nonmarking rubber footpad to allow for fine tuning pole height, and to eliminate floor damage. Non-winch standards shall weigh a maximum 34# and winch end standard shall weigh a maximum of 39#.

Two (2) nets shall be one meter high, be constructed of black polypropylene 3 1/2 mm knotless woven webbing, have a Kevlar top rope and polypropylene bottom rope. The top rope shall rest in the groove of a dome shaped aluminum rope guide on the top of each standard. The top, bottom and sides of the net shall be finished with white-coated tarpaulin fabric with double stitched hemmed edges. The top of the net shall be tensioned by means of an aluminum machined winch with a 26:1 ratio worm gear mounted on one end. All winch shafts shall rotate in sealed ball bearings. Winch shall be designed to wind a 2" wide nylon webbing strap that is attached to the net top rope and have a non removable folding handle. Net bottom rope shall be tensioned by means of a ratcheting style tensioner. Each net side tape with internal fiberglass dowels shall be tensioned by means of no less than two ratchet style rope tensioners.

Net height shall be infinitely variable from a minimum of 72" to 96" with a single threaded release knob per standard and have the capability of being locked into place at men's and women's height with a detent locking pin. Height setting shall be clearly identified on the inner telescoping tube by machined markings. Pole design allows setting the nets at different heights.

Top and bottom ropes shall be covered for player safety between the standards and the edge of the net by no less than 1/2" thick foam padding with white vinyl cover. Each standard shall be padded to a minimum height of 72" with 1 1/2" thick high-density foam covered with vinyl in your choice of 17 school colors. Padding can, at the option of purchaser, be printed with up to 10 letters per side. System shall include 2 pair of official boundary antennas and a net height gauge.

Three (3) floor sockets (excluded on VB1002NS) shall be extruded aluminum. Floor plates (excluded on VB1002NS) shall be constructed of machined cast brass with a hinged lid. Order VB23 for additional floor sockets and plates. Each system shall include free adapter sockets to allow installation into existing 3 1/2" or 4" floor sockets and free deep socket adapters upon request.

Standards and winch shall carry no less than a limited lifetime warranty. System shall have a 5-year padding warranty and a 2- year net and antenna warranty. Entire package shall weigh 230#, (210# VB1002NS)

Installation to be completed in accordance to manufacturer's instructions. Do not scale drawings.



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