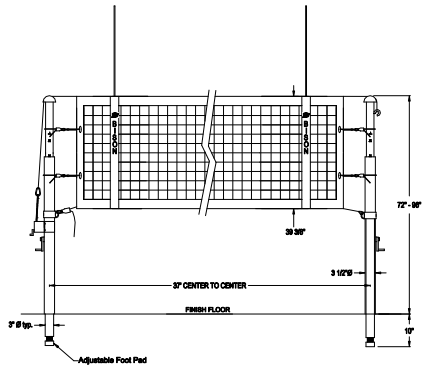

Product specifications can be found on page 2.

PRODUCT SPECIFICATION

VB7000 (VB7000NS) CarbonMax™ Composite Volleyball System

REVISED 9/1/17

603 L Street, Lincoln, NE 68508 - Phone: (800) 637-7966 - Fax: (800) 636-0698 - www.ipibybison.com - sales@ipibybison.com

Uprights shall consist of an external 3 1/2" outside diameter, 1/4" wall high modulus carbon fiber wound composite tube and a 3" outside diameter 6061-T6 aluminum telescoping clear anodized inner pole. Inner pole shall move freely up and down to adjustment heights between 72" and 96" by means of an internal bevel gear and lead screw mechanism activated by a low-profile, non-removable winch handle. Net height adjustment shall be possible with net attached. A heavy wall 3" outside diameter 6061-T6 aluminum extrusion with adjustable urethane foot pad shall be permanently bonded and protrude below the external composite tube to allow installation into any 3" diameter floor socket. Adapters to allow installation into 3 1/2" and 4" sockets shall be available at no extra cost.

The net shall be one meter high, be constructed of black polypropylene 3 1/2mm knotless woven webbing, have a Kevlar top rope and polypropylene bottom rope. The top rope shall be contained in a machined slot on an anti-friction top dome. 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 rigid dowels shall be tensioned by means of no less than two ratchet style rope tensioners. Height setting shall be clearly marked on the inner telescoping tube.

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 at no extra cost. System shall include official boundary antennas and a net height gauge.

Floor sockets (excluded on VB7000NS) shall be extruded aluminum. Floor plates (excluded on VB7000NS) shall be constructed of machined cast brass with a hinged lid. Net tensioning 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 system shall meet or exceed all NCAA, USVBA, and NFHS requirements for competition. Entire Package shall weigh 150#, (130# VB7000NS).

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

PRODUCT SPECIFICATION

VB7000 (VB7000NS) CarbonMax™ Composite Volleyball System

REVISED 9/1/17

603 L Street, Lincoln, NE 68508 - Phone: (800) 637-7966 - Fax: (800) 636-0698 - www.ipibybison.com - sales@ipibybison.com