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PRODUCT SPECIFICATION

VB3002 (VB3002NS) Lady CarbonMax™ Side-by-Side Volleyball System

REVISED 7/1/17

System shall allow set up of two side-by-side nets with three poles. Uprights shall consist of an external 3 1/2" outside diameter, 1/4" wall high modulus carbon fiber wound composite tubes. A heavy wall 3" outside diameter 6061-T6 aluminum extrusion shall be permanently bonded inside the bottom and protrude below the composite tubes to allow installation into any 3" diameter floor socket. A threaded footpad shall be located on the bottom of the extrusion to provide fine adjustment for proper women's net height. Adapters to allow installation into 3 1/2" and 4" sockets shall be available at no extra cost.

The nets shall be one meter high, be constructed of black polypropylene 3 1/2mm knotless woven webbing, have Kevlar top ropes and polypropylene bottom ropes. The top ropes shall be contained in a machined slot on an anti-friction top dome. The top, bottom and sides of the nets shall be finished with white-coated tarpaulin fabric with double stitched hemmed edges. The top of the nets shall be tensioned by means of aluminum machined winches with a 26:1 ratio worm gear mounted on one end. All winch shafts shall rotate in sealed ball bearings. Winches shall be designed to wind 2" wide nylon webbing straps that are attached to the net top rope and have non-removable folding handles. Net bottom ropes shall be tensioned by means of ratcheting style tensioners. Each net side tape with internal rigid dowels shall be tensioned by means of no less than two ratchet style rope tensioners. 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. Floor sockets (excluded on VB3002NS) shall be extruded aluminum. Floor plates (excluded on VB3002NS) shall be constructed of machined cast brass with a hinged lid.

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 system shall meet or exceed all NCAA, USVBA, and NFHS requirements for competition. Entire Package shall weigh 195#, (175#, VB3002NS). Installation to be completed in accordance with manufacturer's instructions. Do not scale drawings.



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