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**PSS**  
PERFORMANCE  
SPORTS SYSTEMS



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### SUSPENDED VOLLYBALL SYSTEM W/REF STAND

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SIZE	SCALE	SHT. NO.	PART NO.
A		1 OF 2	8001R-003
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## MODEL 8001R

### **CEILING SUSPENDED VOLLEYBALL SYSTEM WITH INTEGRAL REFEREE STAND**

#### **RECOMMENDED APPLICATION**

Top quality unit for use in facilities where frequent volleyball court set-up is required. Meets all grade school, middle school, YMCA, club, USVBA, NFHS, and NCAA requirements for competitive play.

#### **FRAMES**

System will be comprised of two vertical frame members hinged at the truss connection point to allow the system (net, frames, padding, antenna, ref stand, etc.) to fold as a single unit. Frames shall be 4" square heavy wall tubing, extended to the floor in the down position. An adjustable, spring loaded foot on the bottom of each frame gives additional stability. Frames shall be laterally braced by means welded truss bridge and a 1 1/2" x 2 1/2" rectangular sway brace. Frames shall be folded to the stored position by means of a 3/4 hp, dual drum electric winch model 8194. A folding brace shall lock the frames in a playing position and be of a jackknife design with an adjustable hinge for easy installation and field adjustment. The frames will provide net attachment rails that have infinite net height adjustment between tennis height and 8'-0" to 3'-7" to meet all age group height settings for both men and women.

#### **REFEREE STAND**

The referee stand is included as an integral piece of the system. The stand may be placed at either end of the net during installation. The stand is positioned inside of the frame and helps support the net load. Referee shall enter platform from side away from court. Referee stand padding is provided.

#### **NET TENSIONER (WINCH)**

The net tensioner shall incorporate a heavy duty, self-locking ratchet mechanism with a positive compression clutch brake type release. A high tensile nylon strap will be used with the winch to achieve required net tension.

#### **NET**

Net features include 5/8" diameter fiberglass dowel and 4" square black nylon mesh (250-lbs tensile strength) for excellent performance and durability. Free floating net along 5/32" diameter steel 7 x 19 cable (2000-lbs. Minimum breaking strength) allows for quick and easy centering of net about the court lines. Nylon straps with metal clips are used to secure net in place. Net shall be 32' length and 39" width. Net perimeter shall have a 2" wide vinyl coated polyester hem that is double stitched. Net meets or exceeds all requirements for most levels of competition.

#### **UPRIGHT PADS**

Upright safety pads shall be one single piece 72" in height. Padding shall be constructed with 2" thick cross-linked polyethylene closed cell foam covered with 14-ounce nylon reinforced vinyl. Attachment to uprights shall be with Velcro® straps. Standard Colors are: white, yellow, orange, red, kelly green, forest green, royal blue, marine blue, navy blue, gray, black, maroon, beige, and purple.

#### **NET ANTENNA AND TAPE**

Net antenna shall be 3/8" diameter fiberglass rods 72" long with alternating red and white bands. Net tape shall be white nylon reinforced vinyl 2 1/2" wide with full-length pocket to accept the antenna. Attachment to net shall be full-length quick action Velcro® closures.