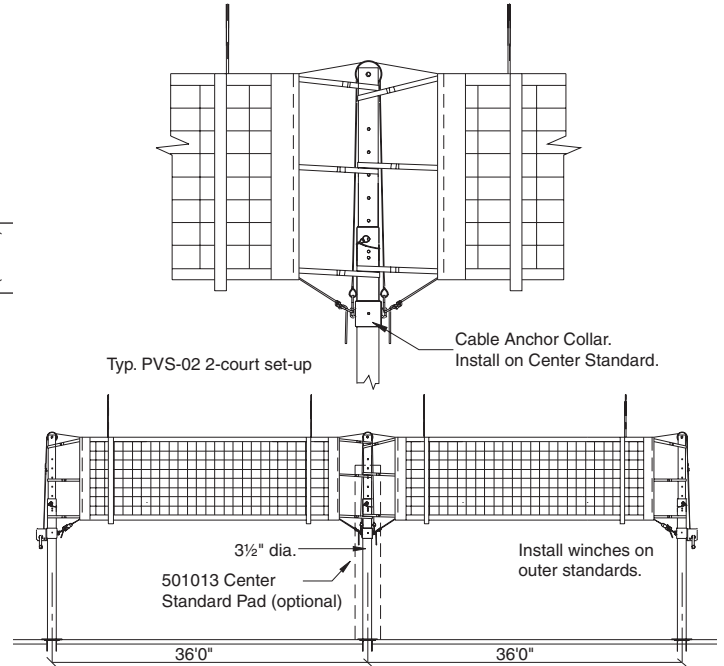
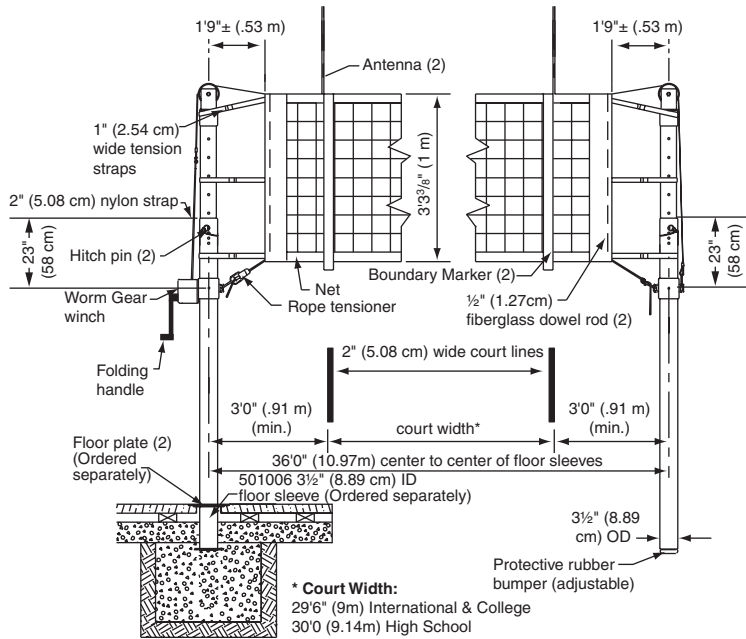


Steel Volleyball Systems

by DRAPER

500021 SVS-01

500022 SVS-02



Please Mark Appropriate Selections

Select Power Volleyball System

- 500021 SVS-01 (Two-Pole System)
- 500022 SVS-02 (Three-Pole System)

Please Note: Specifications can be found on back page

Official Heights for USVBA, NCAA, and NFHS

Volleyball Heights	Girls	Boys
Grades 1-6 (Elem.)	6'1" (1.85m)	6'1" (1.85m)
Grades 7-9 (Middle School)	7'4 1/8" (2.24m)	7'4 1/8" (2.24m)
Grades 7-9 (Jr. High)	7'4 1/8" (2.24m)	7'11 5/8" (2.43m)
Grades 9-12 (Sr. High)	7'4 1/8" (2.24m)	7'11 5/8" (2.43m)
Collegiate & International	7'4 1/8" (2.24m)	7'11 5/8" (2.43m)

Note: Regulation net heights are set at center of net. Ends of net (at court lines) cannot exceed the regulation height by more than 3/4" (2 cm).

Net height is adjustable from 6'1" (1.85 m) to 8'4" (2.54 m) in 1" (2.54 cm) increments.

DRAPER®

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PROJECT: _____

ARCHITECT: _____

CONTRACTOR: _____

SUPPLIER: _____

DATE: _____ REVISED: _____

Specifications—500021

SVS-01 Two-Pole Power Volleyball System

Product Description

Volleyball System shall be #SVS-01 Steel Volleyball System, No. 500021 by Draper, Inc. of Spiceland, IN. Post shall be telescoping type to meet all FIVB, USA Volleyball, NCAA and NFHS requirements for competition. Post shall adjust from 6'1" (1.854 m) to 8'4" (2.540 m) in 1" (2.540 cm) increments to meet all age group height settings from elementary school use to international competition for both men and women.

The 6' (1.890 cm) bottom upright shall be 3½" OD (8.890 cm) 11 gauge, steel tube, with a wall thickness of .120" (.3048 cm) and a durable, high-gloss black powder coat finish. Bottom Upright is equipped with a special rubber foot to protect finished floors and to provide precise net height adjustment.

The upper telescoping adjustable tube shall be 2⅞" OD (7.303 cm) schedule 80, aluminum tube, with a wall thickness of .276" (.7010 cm), clear anodized finish and a 4" (10.16 cm) diameter pulley and oilite bushing. Bottom upright to features a machined UHMW Polyethylene bushing to prevent metal-on-metal contact between post sections as height is adjusted.

The 500021 SVS-01 shall consist of one standard with tensioning winch, one standard with cable anchor collar and one net with antennas and boundary markers.

The tensioning winch shall incorporate a heavy-duty, self-locking worm gear mechanism. Winch shall be furnished with a heavy 2" (5 cm) wide high tensile nylon strap with heavy-duty snap hook to eliminate the possibility of hook breaking and guarantee safe connection to net top cable. The tensioning winch is furnished complete with a folding handle for player safety.

Power Volleyball Net shall be #500004 by Draper, Inc. of Spiceland, IN. Net shall be 32' (9.75 M) long x 39⅜" (1 M) high. Netting shall be high quality 4" square #36 black nylon cord with vinyl coated polyester hem double stitched around entire perimeter of net. Top hem of net shall be furnished with a 42'6" long x ⅛" diameter 2000 lb. minimum breaking strength galvanized aircraft cable with a nylon coating (⅜" OD) to protect against fraying. Ends of cable to have loops with heavy swaged type fittings for easy installation. Hems in end of net shall be furnished with a pocket for use with a ½" diameter fiberglass dowel rod. Ends of net shall have six 1" wide polypropylene tension straps with buckles for providing additional tightening of net. Bottom of net shall be furnished with a ¼" diameter braided white nylon rope equipped with a spring loaded, pressure type rope tensioner.

Rope Tensioner shall be #500005 by Draper, Inc. of Spiceland, IN.

Combination Antenna and Boundary Marker shall be #500016 by Draper, Inc. of Spiceland, IN.

STANDARD DIMENSIONS

36'0" center-to-center of standards/sleeves.

Specifications—500022

SVS-02 Three-Pole Power Volleyball System

Product Description

Volleyball System shall be #SVS-02 Steel Volleyball System, No. 500022 by Draper, Inc. of Spiceland, IN. Post shall be telescoping type to meet all FIVB, USA Volleyball, NCAA and NFHS requirements for competition. Post shall adjust from 6'1" (1.854 m) to 8'4" (2.540 m) in 1" (2.540 cm) increments to meet all age group height settings from elementary school use to international competition for both men and women.

The 6' (1.890 cm) bottom upright shall be 3½" OD (8.890 cm) 11 gauge, steel tube, with a wall thickness of .120" (.3048 cm) and a durable, high-gloss black powder coat finish. Bottom Upright is equipped with a special rubber foot to protect finished floors and to provide precise net height adjustment.

The upper telescoping adjustable tube shall be 2⅞" OD (7.303 cm) schedule 80, aluminum tube, with a wall thickness of .276" (.7010 cm), a clear anodized finish and a 4" (10.16 cm) diameter pulley and oilite bushing. Bottom upright to features a machined UHMW Polyethylene bushing to prevent metal-on-metal contact between post sections as height is adjusted.

The 500022 SVS-02 shall consist of two standards with tensioning winch, one center standard with cable anchor collar and two nets with antennas and boundary markers.

The tensioning winch shall incorporate a heavy-duty, self-locking worm gear mechanism. Winch shall be furnished with a heavy 2" (5 cm) wide high tensile nylon strap with heavy-duty snap hook to eliminate the possibility of hook breaking and guarantee safe connection to net top cable. The tensioning winch is furnished complete with a folding handle for player safety.

Power Volleyball Nets shall be #500004 by Draper, Inc. of Spiceland, IN. Net shall be 32' (9.75 M) long x 39⅜" (1 M) high. Netting shall be high quality 4" square #36 black nylon cord with vinyl coated polyester hem double stitched around entire perimeter of net. Top hem of net shall be furnished with a 42'6" long x ⅛" diameter 2000 lb. minimum breaking strength galvanized aircraft cable with a nylon coating (⅜" OD) to protect against fraying. Ends of cable to have loops with heavy swaged type fittings for easy installation. Hems in end of net shall be furnished with a pocket for use with a ½" diameter fiberglass dowel rod. Ends of net shall have six 1" wide polypropylene tension straps with buckles for providing additional tightening of net. Bottom of net shall be furnished with a ¼" diameter braided white nylon rope equipped with a spring loaded, pressure type rope tensioner.

Rope Tensioner shall be #500005 by Draper, Inc. of Spiceland, IN.

Combination Antenna and Boundary Marker shall be #500016 by Draper, Inc. of Spiceland, IN.

STANDARD DIMENSIONS

36'0" center-to-center of standards/sleeves.

LEED® Submittal Information

Credit	Measure	
MRc4 – Recycled Content	Post Consumer Average 36.5%	Post Industrial 0%
MRc5 – Regional Materials	Product Manufactured in Spiceland, IN 47385	