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# BASKETBALL SPECIFICATION SHEET

W-219-F12H

[illegible]The Porter logo, featuring the word "porter" in a stylized, outlined font. The letters are thick and have a double-line outline. The 'p' and 'o' are lowercase, while the 'r', 't', 'e', and 'r' are uppercase. A registered trademark symbol (®) is located at the top right of the final 'r'.

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PROJECT NUMBER

PROJECT NAME

10/1/2015

# 90219000 - UP FOLD BACKSTOP

WALL-MOUNTED UP-FOLD BACKSTOP WITH CENTER-STRUT®  
HEIGHT ADJUSTER - FAN BACKBOARD - 10'-0 $\frac{1}{8}$ " to 12'-0" EXTENSION

## SPECIFICATIONS

### PORTER No. 00219- WALL-MOUNTED FOLD-UP BACKSTOP WITH CENTER-STRUT® HEIGHT ADJUSTMENT UNIT FOR FAN BACKBOARD AND RECTANGULAR FIBERGLASS BACKBOARD

Backstop shall be wall-mounted fold-up type with face of backboard extended 10' 0-1/8" to 12'-0" from supporting wall. Specify extension.

Extension frames shall be fabricated of four (4) 1-7/8" O.D. tubes with a telescoping end section for ease of installation, and precise plumbing and alignment of backboard with official court markings, even when supported on uneven wall conditions. Ends of extension frame assemblies shall be drilled and bolted to fabricated steel hinge plates for attachment to the backside of the backboard and to the wall pads. Hinge plates shall be offset-type to allow backstop to be folded in an almost vertical storage position against the wall.

Backstop shall be horizontally braced with eight (8) 3/16" x 1-1/4" steel tension flats attached at both ends with precision die-formed clamps and joined at their intersections with bolted steel fittings. The lower extension tubes shall be braced mid-span by a 1-7/8" O. D. tube attached with ductile iron "T" casting assemblies. Two (2) chain supports (3/16" proof coil chain) shall extend diagonally from the wall to the upper extension tubes, terminating in clamp-type fittings. Two (2) chain supports (3/16" proof coil chain) and clamp-type fittings shall be provided for additional vertical bracing between the extension tubes.

Southern yellow pine wall pads shall be provided at wall attachment points at extension frames and chain supports. All edges shall be chamfered and pads shall be finished with two finish coats of natural gloss lacquer.

Winch shall be worm gear type, designed to hold unit at any position when raising or lowering backstop. Handle shall be removable and shall provide sufficient leverage to facilitate easy raising of the backstop. Winch drum and gears shall be fully enclosed with a plated steel cover. Hoisting cable shall be 1/4" diameter galvanized aircraft cable, operating through 4" diameter pulleys enroute to the winch.

Height adjustment unit shall be designed to provide an adjustable, direct mount Center-Strut® goal attachment system to eliminate any strain on the backboard, should a player hang on the front mounted goal. Height adjustment units without the prescribed direct mount goal feature will not be approved as equal. Height adjustment feature will allow goal height settings from 8'-0" to the official 10'-0" for use by all age groups. Unit shall be designed for use only with Porter No. 267A fan fiberglass, No. 234 or 234A fan aluminum, or No. 216 rectangular fiberglass backboards and companion front-mount type goal.

Center unitized support frame of height adjustment unit shall be fabricated by dual, 2-3/16" square heavy wall zinc plated guide tubes located on 11-3/16" centers. Ends of guide tubes shall be welded to heavy mounting brackets. Outer dual slide tubes shall support heavy structural steel angle sections which extend downward to accept a direct mount Center-Strut® goal mounting system. Slide tube assembly shall be provided with a heavy, formed steel section to attach a special upper backboard support assembly to secure the unit to the upper two corners of the fan-shaped backboard.

Height adjustment unit shall incorporate a centrally located 3/4" diameter Acme threaded rod equipped with precision, hardened steel roller thrust bearings for ease of operation from the playing floor by means of an awning crank-type mechanism. Height adjustment system shall incorporate an internal, spring-loaded height locking mechanism to automatically lock and hold unit at any desired goal height during play. Lock mechanism automatically releases when height setting changes are made with adjustment crank assembly. Adjustment crank assembly shall be provided with each pair of height adjustment units. A height setting scale shall be located on the side of the unit to visually determine height settings from 8'-0" to 10'-0" in 3" increments.

Limited Lifetime warranty on Porter fan-shaped fiberglass (267A), fan-shaped aluminum (234 or 234A), or rectangular fiberglass (216) backboards when used in conjunction with Porter Center-Strut® height adjustment unit installed on a Porter No. 219 Wall-Mounted Backstop.

All metal parts shall be painted one (1) coat of flat black enamel. (If special painting of colors is required, specify final painting by painting contractor.)

Specify backboard and goal as required.

#### OPTIONAL ITEMS TO SPECIFY

See Page No. W-219-797H for specifications on Porter No. 10797-111 Saf-Strap Adapter Kit.

ISSUED OCTOBER 1, 2015, SUBJECT TO CURRENT MANUFACTURING PROCEDURES AND CHANGES  
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BASKETBALL SPECIFICATION SHEET

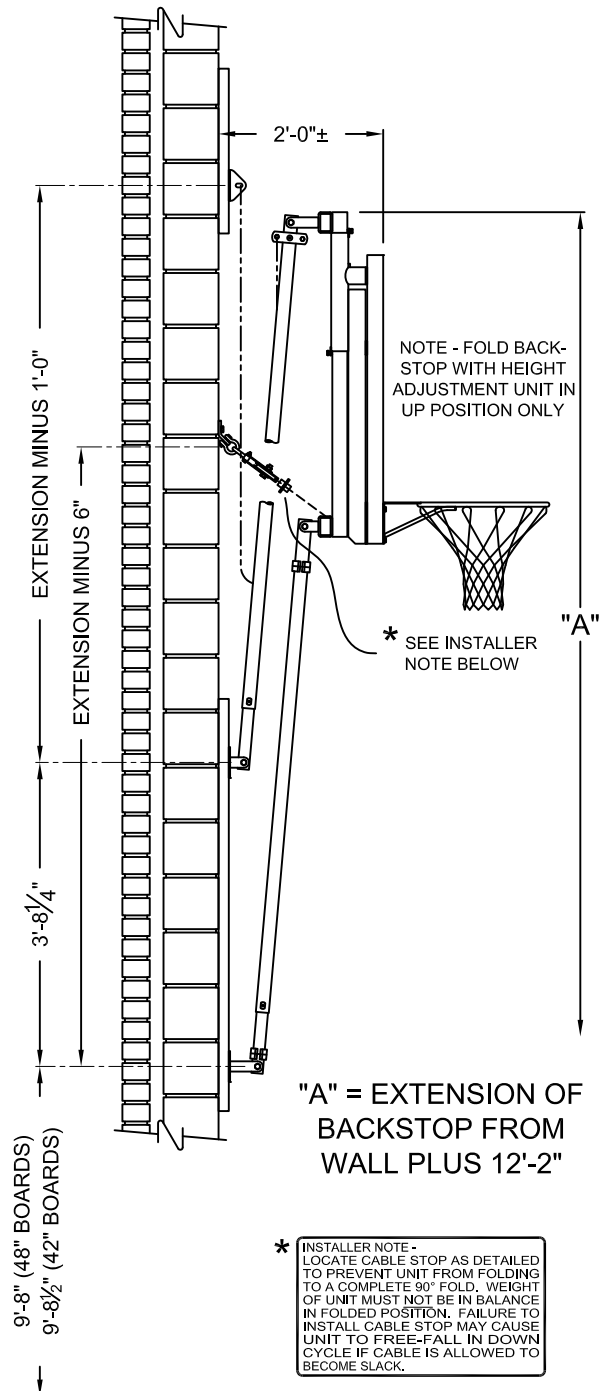
W-219-F12H

10/1/2015

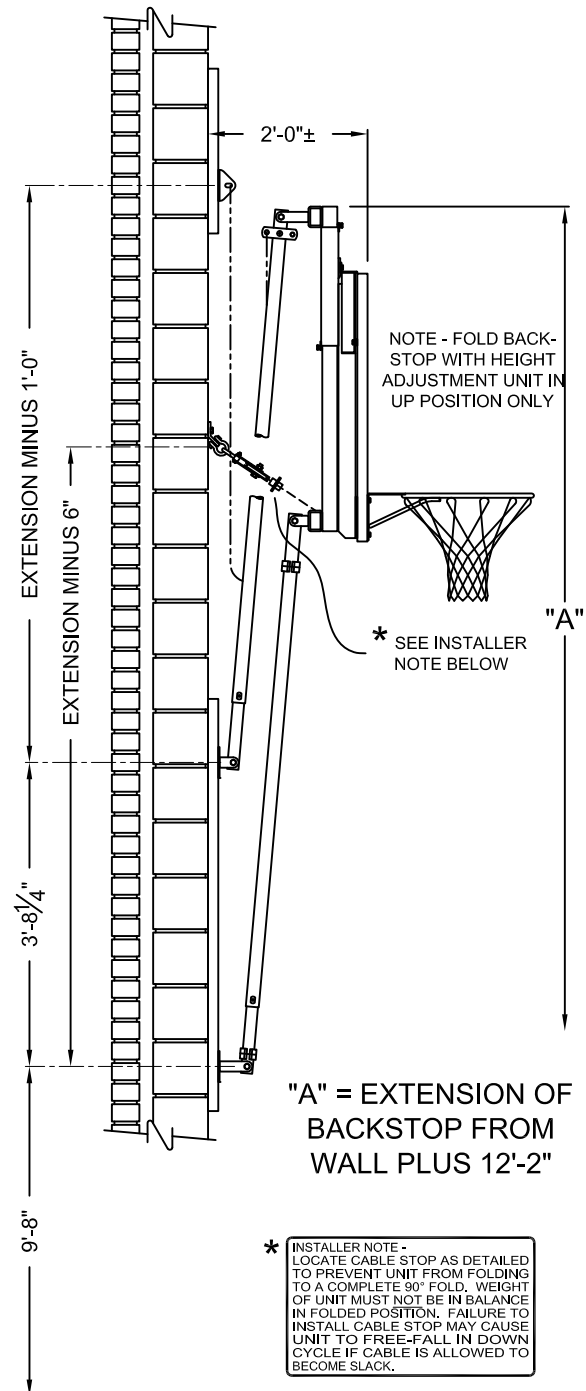
# 219 - FOLDING DIMENSIONS

## No. 219 WALL-MOUNTED UP-FOLD BACKSTOPS WITH HEIGHT ADJUSTER

### WALL-MOUNTED BACKSTOP WITH RECTANGULAR BACKBOARD



### WALL-MOUNTED BACKSTOP WITH FAN BACKBOARD



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FOLDING DIMENSION SPECIFICATION SHEET

W-219-2

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