

00219-000 - UP FOLD BACKSTOP

WALL-MOUNTED UP-FOLD BACKSTOP WITH CENTER-STRUT® HEIGHT ADJUSTER FAN BACKBOARD - 4'-0" TO 10'-0" EXTENSION



BASKETBALL SPECIFICATION SHEET

W-219-F10H

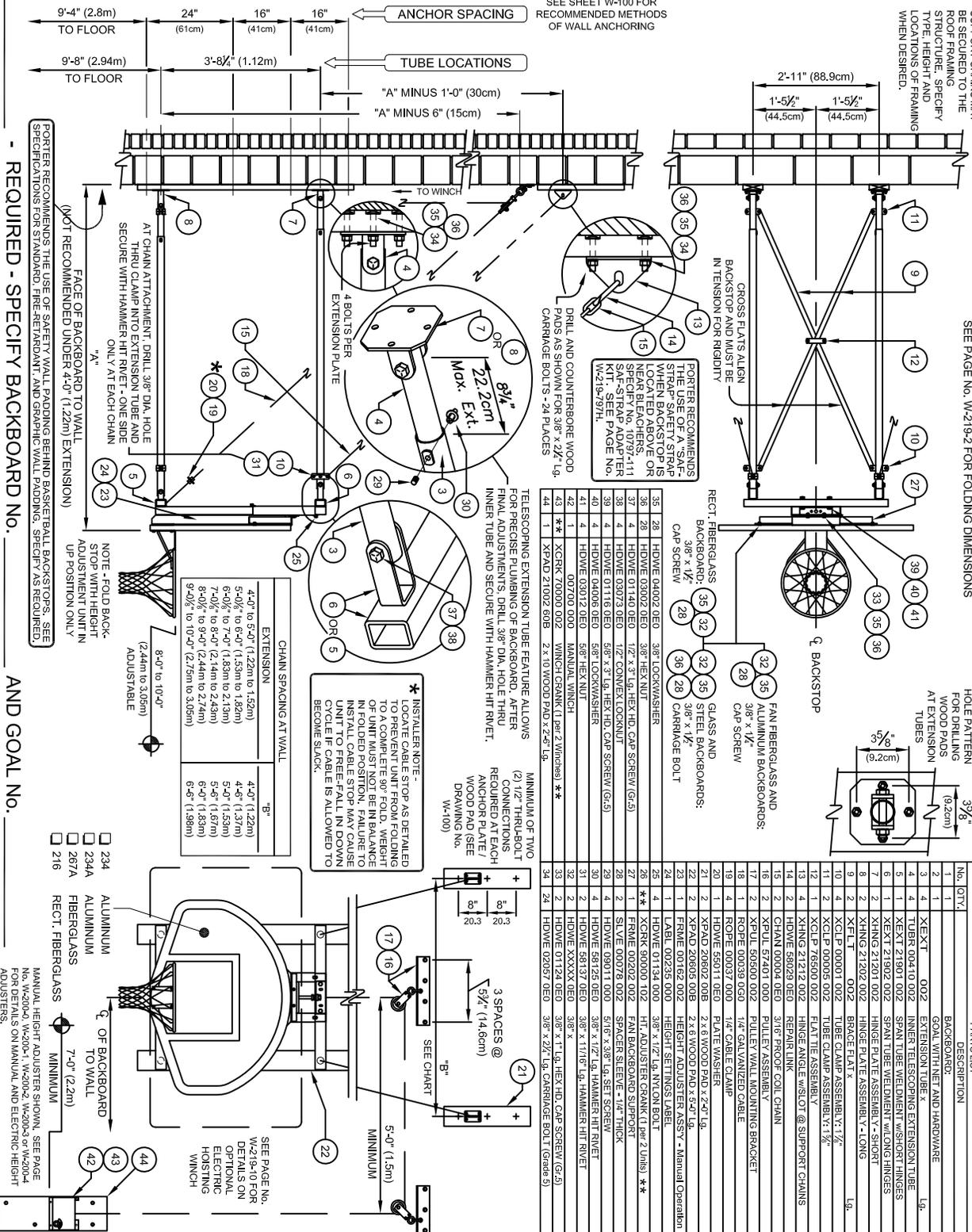
10/1/2015

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SUPPORT CHAINS MAY BE SECURED TO THE ROOF FRAMING STRUCTURE. SPECIFY TYPE, HEIGHT AND LOCATIONS OF FRAMING WHEN DESIRED.

SEE PAGE No. W-219-2 FOR FOLDING DIMENSIONS

SEE SHEET W-100 FOR RECOMMENDED METHODS OF WALL ANCHORING



No.	QTY.	PARTS LIST DESCRIPTION
1	1	BACKBOARD: GOAL WITH NET AND HARDWARE
2	1	XEXT 002 EXTENSION TUBE X
3	4	TUBER 004-10 002 INNER TELESCOPING EXTENSION TUBE Lp
4	4	XEXT 21901 002 SPAN TUBE WELDMENT W/SHORT HINGES
5	1	XEXT 21902 002 SPAN TUBE WELDMENT W/LONG HINGES
6	2	XING 21901 002 HINGE PLATE ASSEMBLY - SHORT
7	2	XING 21902 002 HINGE PLATE ASSEMBLY - LONG
8	2	XFLT 002 BRIDGE FLAT X
9	2	XCLP 00001 002 TUBE CLAMP ASSEMBLY: 1 1/2" Lp
10	4	XCLP 00005 002 FLAT IN THE ASSEMBLY
11	2	XING 21212 002 HINGE ANGLE W/SLOT @ SUPPORT CHAINS
12	1	REP 00002 002 REPAIR LINK
13	4	CIAN 00004 050 3/16" PROOF COIL CHAIN
14	2	HWVE 58029 050 1/4 GALVANIZED CABLE
15	2	XPUL 50500 002 PULLEY WALL MOUNTING BRACKET
16	2	XPUL 50501 002 PULLEY WALL MOUNTING BRACKET
17	2	ROPE 00039 050 1/4 GALVANIZED CABLE
18	4	ROPE 00037 000 1/4 CABLE CLAMP
19	1	HWVE 58017 050 PLATE WASHER
20	2	XPAD 20025 006 2 X 6 WOOD PAD: 2'-0" Lp
21	2	XPAD 20026 006 2 X 6 WOOD PAD: 2'-0" Lp
22	1	HWVE 58018 050 HEAVY DUTY WASHER
23	1	HWVE 58019 050 HEAVY DUTY WASHER
24	1	HWVE 58020 050 HEAVY DUTY WASHER
25	4	HWVE 01134 000 3/8" x 1 1/2" Lg. NYLON BOLT
26	4	HWVE 01133 000 3/8" x 1 1/2" Lg. NYLON BOLT
27	1	FWVE 00202 002 HT. ADJUSTER CARRIAGE (1 per 2 Units) **
28	1	FWVE 00202 002 FAN BACKBOARD SUPPORT
29	2	SILVE 00076 002 SPACER: SILVER - 1/4" THICK
30	4	HWVE 09011 000 5/16" x 3/8" Lg. SET SCREW
31	2	HWVE 58125 050 3/8" x 1 1/2" Lg. HAMMER HIT RIVET
32	2	HWVE 58137 050 3/8" x 1 1/2" Lg. HAMMER HIT RIVET
33	2	HWVE 58138 050 3/8" x 1 1/2" Lg. HAMMER HIT RIVET
34	24	HWVE 02057 050 3/8" x 2 1/2" Lg. CARRIAGE BOLT (Grade 5)



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PROJECT NUMBER

PROJECT NAME

00219-000 - UP FOLD BACKSTOP

WALL-MOUNTED UP-FOLD BACKSTOP WITH CENTER-STRUT® HEIGHT ADJUSTER FAN BACKBOARD - 4'-0" to 10'-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 4'-0" to 10'-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 two (2) 3/16" x 1-1/4" steel tension flats attached at both ends with precision die-formed clamps and joined at their intersection with a bolted steel fitting. 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.

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.

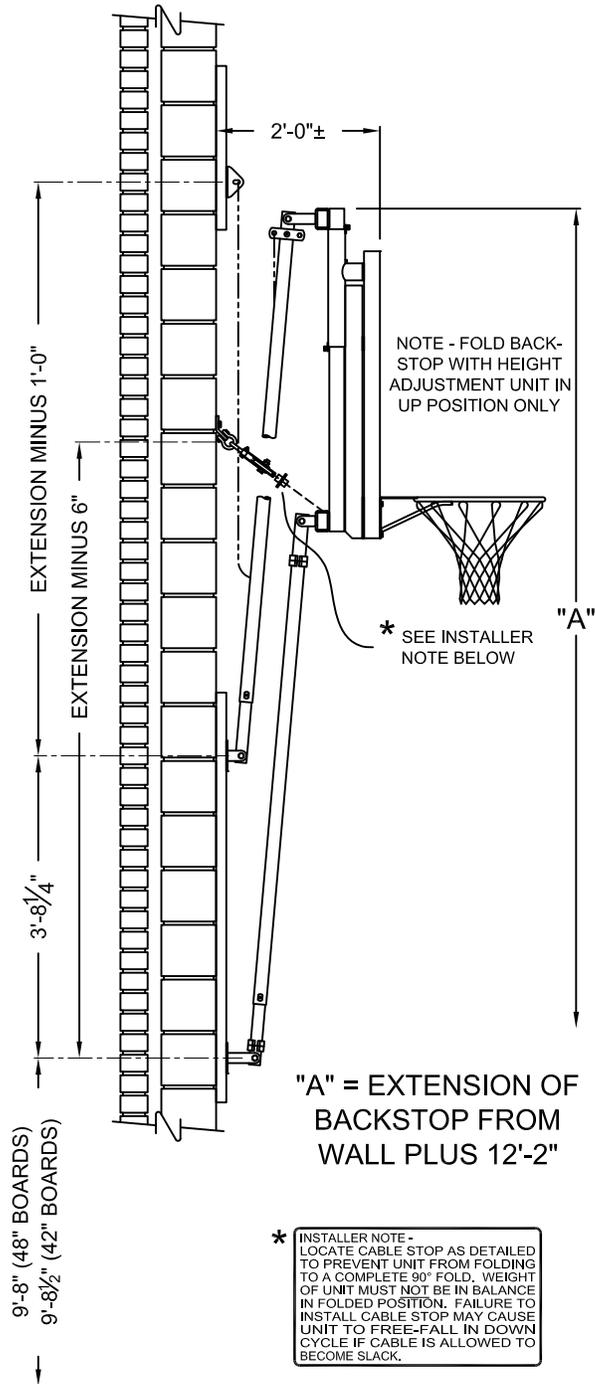
OPTIONAL ITEMS TO SPECIFY

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

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

