

porter
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WALL MOUNT SPECIFICATION SHEET

10/1/2015

FOR 48" BACKBOARD
FOR 42" BACKBOARD

9'-8" (2.94m)
9'-8 1/2" (2.96m)
TO FLOOR

3'-8 3/4" (1.12m)
3'-8 3/4" (1.12m)

2'-0" (61.0cm)

8'-0" to 10'-0" (2.44m to 3.05m)
ADJUSTABLE

18 17 16 3 OR 4

5 3 19 21 22

1 9 10

2 20 21

22

13 15 17 18

14 17 18

14 17

3/8" x 1-1/2" MACHINE BOLT

3/8" x 1-1/4" GLASS BACKBOARD - WOOD PAD AS SHOWN

DRILL AND COUNTERBORE WOOD PADS AS SHOWN. CARRIAGE BOLTS - 6 PLACES

2'-11" (88.9cm)

1'-5 1/2" (44.5cm)

1'-5 1/2" (44.5cm)

BACKSTOP

SEE SHEET W-100 FOR RECOMMENDED METHODS OF WALL ANCHORING

SEE PAGE NO. W-2000-0, W-200-1, W-200-2 or W-200-3 FOR DETAILS ON MANUAL AND ELECTRIC HEIGHT ADJUSTERS

9'-8" (2.94m)
9'-8 1/2" (2.96m)
TO FLOOR

3'-8 3/4" (1.12m)
3'-8 3/4" (1.12m)

4"

2'-11" (88.9cm)

8" 1'-7" 8"

20.3 48.3cm 20.3

10.2cm

4"

WOOD PAD AND WALL ANCHOR SPACING

1'-4" (40.6cm)

7

8

12

208 GLASS

OF BACKBOARD TO WALL

BACKBOARD SAFETY PADDING RECOMMENDED FOR ALL ADJUSTERS WHERE CONTACTS ARE TO BE MADE. SPECIFY THE BACKBOARD, SPECIFY NO. 00326-XXX OR 00227-000 FOR RECTANGULAR GLASS BACKBOARDS, OR NO. 00324-072 OR 00229-000 FOR RECTANGULAR WOOD AND FIBERGLASS BACKBOARDS.

TUBE LOCATIONS & ANCHOR SPACING
SEE SHEET W-100 FOR RECOMMENDED METHODS OF WALL ANCHORING

PARTS LIST

No.	QTY.	DESCRIPTION
1	1	RECT. BACKBOARD - GOAL WITH NET AND HARDWARE
2	1	UPPER SPAN TUBE WELDMENT
3	1	LOWER EXTENSION WELDMENT
4	1	BRACE TUBE x 3'-1 1/4" LG.
5	2	TUBE CLAMP ASSEMBLY - 1.78"
6	3	XPAD 20604 002 2 x 8 WOOD PAD x 2'-0" LG.
7	1	XPAD 20604 008 2 x 8 WOOD PAD x 4'-0" LG.
8	1	FRAME 00162 002 HEIGHT ADJUSTER ASSY - Manual Operation
9	1	FRAME 00162 002 HEIGHT ADJUSTER ASSY - Manual Operation
10	1	FRAME 00162 002 HEIGHT ADJUSTER ASSY - Manual Operation
11	1	FRAME 00162 002 HEIGHT ADJUSTER ASSY - Manual Operation
12	1	FRAME 00162 002 HEIGHT ADJUSTER ASSY - Manual Operation
13	1	FRAME 00162 002 HEIGHT ADJUSTER ASSY - Manual Operation
14	1	FRAME 00162 002 HEIGHT ADJUSTER ASSY - Manual Operation
15	1	FRAME 00162 002 HEIGHT ADJUSTER ASSY - Manual Operation
16	1	FRAME 00162 002 HEIGHT ADJUSTER ASSY - Manual Operation
17	1	FRAME 00162 002 HEIGHT ADJUSTER ASSY - Manual Operation
18	1	FRAME 00162 002 HEIGHT ADJUSTER ASSY - Manual Operation
19	1	FRAME 00162 002 HEIGHT ADJUSTER ASSY - Manual Operation
20	1	FRAME 00162 002 HEIGHT ADJUSTER ASSY - Manual Operation
21	1	FRAME 00162 002 HEIGHT ADJUSTER ASSY - Manual Operation
22	1	FRAME 00162 002 HEIGHT ADJUSTER ASSY - Manual Operation

REQUIRED - SPECIFY BACKBOARD NO.

AND GOAL NO.

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AND GOAL NO.

888-277-7778 PORTER@PORTERATHLETIC.COM
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PROJECT NAME

00312-020 - WALL-MOUNTED BACKSTOP

WALL MOUNTED BACKSTOP WITH CENTER-STRUT® HEIGHT ADJUSTER -
RECT. BACKBOARD - 2'-0" EXTENSION

SPECIFICATIONS

PORTER No. 00312-020 WALL BRACED BACKSTOP WITH CENTER-STRUT® HEIGHT ADJUSTMENT UNIT FOR RECTANGULAR BACKBOARD

Backstop shall be wall-braced type with face of back board extended 2'-0" from supporting wall.

Extension frames shall be fabricated of three (3) 1-7/8" O.D. tubes. Upper extensions shall terminate in a heavy wall rectangular tube assembly on standard 2'-11" centers for attachment to height adjustment unit. Lower extension shall terminate in a heavy steel flange for attachment to height adjustment unit. Extension frame assemblies shall terminate in heavy steel flanges for attachment to wall pads. Backstop shall be braced internally with 7/8" O.D. steel tension braces attached at both ends with precision die-formed clamps for rigidity and support of the Center-Strut® goal mount plate.

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

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 with any official size (4'x 6' or 3'-6" x 6') Porter rectangular backboard 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 horizontal backboard support assembly to secure the unit to the upper two corners of the rectangular backboard on standard (5'-6") mounting centers.

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 all Porter rectangular backboards when used in conjunction with Porter Center-Strut® height adjustment unit installed on a Porter No. 312 Wall-Braced 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.