

**porter**  
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# WALL MOUNT SPECIFICATION SHEET

10/1/2015

**TUBE LOCATIONS & ANCHOR SPACING**

SEE SHEET W-100 FOR RECOMMENDED METHODS OF WALL ANCHORING

**DRILL AND COUNTERBORE WOOD PADS AS SHOWN FOR 3/8" x 2-1/4" LG. CARRIAGE BOLTS - 6 PLACES**

**FOR 48" BACKBOARD**

**FOR 42" BACKBOARD**

**BACKBOARD SAFETY PADDING RECOMMENDED FOR FACILITIES WHERE PLAYERS ABILITY MAY BE IMPAIRED BY FALLING ONTO HARD SURFACES. SPECIFY NO. 0028XXXX OR 0027ZD00 FOR RECTANGULAR GLASS BACKBOARDS OR NO. 00324U07 OR 00229J00 FOR RECTANGULAR WOOD AND FIBERGLASS BACKBOARDS.**

**WOOD PAD AND WALL ANCHOR SPACING**

**GOFTER RECOMMENDS THE USE OF SAFETY WALL PADDING BEHIND BASKETBALL BACKSTOPS. SEE SPECIFICATIONS FOR STANDARD, FIRE-RETARDANT, AND GREENING WALL PADDING. SPECIFY AS REQUIRED.**

**REQUIRED - SPECIFY BACKBOARD NO. \_\_\_\_\_ AND GOAL NO. \_\_\_\_\_**

No.	QTY.	DESCRIPTION	PARTS LIST
1	1	RECT. BACKBOARD -	
2	1	GOAL WITH NET AND HARDWARE	
3	1	UPPER SPAN TUBE WELDMENT	
4	1	LOWER EXTENSION WELDMENT	
5	1	XRPAD 20602 00B 2 x 6 WOOD PAD x 2-0" Lg.	
6	1	XPPAD 20604 00B 2 x 6 WOOD PAD x 4-0" Lg.	
7	1	FPMFE 00162 002 HEIGHT ADJUSTER ASSY - Manual Operation	
8	1	LABEL 00235 000 HEIGHT SETTING LABEL	
9	4	HDWE 01134 000 3/8" x 1/2" Lg. NYLON BOLT	
10	**	XCRK 90000 102 HT. ADJUSTER CRANK (1 per 2 Units) **	
11	1	XEXT 91612 002 BACKBOARD EXTENSION	
12	4	HDWE XXXXX 0E0 3/8" x	
13	2	HDWE 01124 0E0 3/8" x 1-1/4" HEX HD. CAP SCREW (Gr-5)	
14	6	HDWE 02057 0E0 3/8" x 2-1/2" Lg. CARRIAGE BOLT (Grade 5)	
15	12	HDWE 04002 0E0 3/8" LOCKWASHER	
16	12	HDWE 03002 0E0 3/8" HEX NUT	
17	2	HDWE 01116 0E0 5/8" x 3-1/4" HEX HD. CAP SCREW (Gr-5)	
18	2	HDWE 01234 0E0 5/8" x 1-1/2" Lg. HEX HD. CAP SCREW (Gr-5)	
19	4	HDWE 04006 0E0 5/8" LOCKWASHER	
20	4	HDWE 03012 0E0 5/8" HEX NUT	

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

No.	QTY.	DESCRIPTION
1	1	RECT. BACKBOARD -
2	1	GOAL WITH NET AND HARDWARE
3	1	TEXT 31301 002 UPPER SPAN TUBE WELDMENT
4	1	TEXT 31302 002 LOWER EXTENSION WELDMENT
5	1	XPAD 20602 008 2 x 6 WOOD PAD x 2x2-0" Lg.
6	1	XPAD 20604 008 2 x 6 WOOD PAD x 4-0" Lg.
7	1	FRME 00162 002 HEIGHT ADJUSTING ASSY - Manual Operation
8	1	LABL 00235 000 HEIGHT SETTINGS LABEL
9	4	HDWE 01134 000 3/8" x 1/2" Lg. NYLON BOLT
10	**	XCRK 90000 102 HT. ADJUSTER CRANK (1 per 2 Units) **
11	1	TEXT 91612 002 BACKBOARD EXTENSION
12	4	HDWE XXXXX 0E0 3/8" x
13	2	HDWE 01124 0E0 3/8" x 1" Lg. HEX HD. CAP SCREW (Gr.5)
14	6	HDWE 02057 0E0 3/8" x 2 1/2" Lg. CARRIAGE BOLT (Grade 5)
15	12	HDWE 04002 0E0 3/8" LOCKWASHER
16	12	HDWE 03002 0E0 3/8" HEX NUT
17	2	HDWE 01116 0E0 5/8" x 3" Lg. HEX HD. CAP SCREW (Gr.5)
18	2	HDWE 01224 0E0 5/8" x 1 1/2" Lg. HEX HD. CAP SCREW (Gr.5)
19	4	HDWE 04006 0E0 5/8" LOCKWASHER
20	4	HDWE 03012 0E0 5/8" HEX NUT

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

- REQUIRED - SPECIFY BACKBOARD No.

## AND GOAL NO

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PROJECT NUMBER

PROJECT NAME

# 00312-012 - WALL-MOUNTED BACKSTOP

WALL MOUNTED BACKSTOP WITH CENTER-STRUT® HEIGHT ADJUSTER  
- RECT. BACKBOARD - FLUSH MOUNT (1'-2")

## SPECIFICATIONS

### PORTER No. 00312-012 WALL BRACED BACKSTOP WITH CENTER-STRUT® HEIGHT ADJUSTMENT UNIT FOR RECTANGULAR BACKBOARD

Backstop shall be wall-braced type with face of backboard extended 1'-2" 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.

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.