



1160 Nicole Court  
Glendora, CA 91740  
800-735-5566 • 909-592-6272  
Fax: 909-592-7971  
www.carsonind.com

# Heavy Duty HLW1212

## Polymer Concrete 12" Square H-10



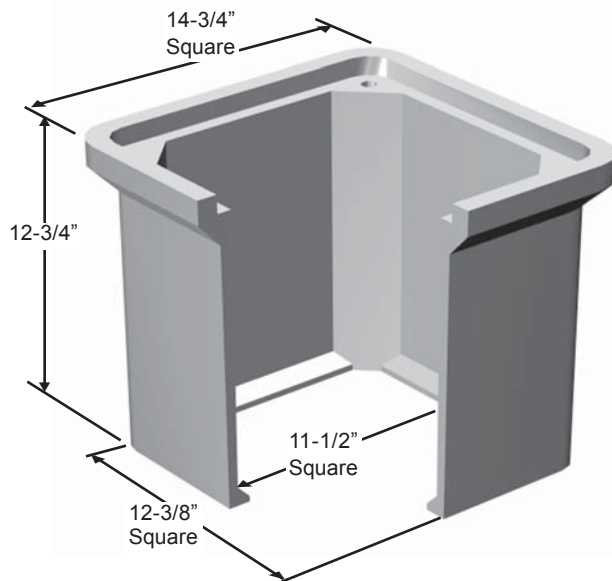
### COVER<sup>1</sup>

#### Model:

HLW1212-P0

#### Skid Resistant Surface<sup>2</sup>

(Material and cover dimensions compliant with WUC, Guide 3.6<sup>3</sup>)



### BODY

#### Model:

HLW1212

### Tolerances

Cover +1/8"

Body +1/8"

Foot +1/16"

Height +1/4"

**Fasteners:** 2 each (optional 4 ea) 3/8-16 UNC, Stainless Steel, Hex Head with Washer; Options: size, quantity, type head  
**Cover Identification** is blank unless specified

#### Steel Covers Optional

**Boxes are stackable.** Vertical load ratings are stated for single boxes. For units with MOLDED OPENINGS, subtract 2 lbs from Unit Weight. Weights may vary slightly.

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### RAW MATERIAL SPECIFICATIONS

#### Polymer Concrete, H-10

Standard Test Method	Properties of Raw Material	ASTM Designation	Test Results
Compressive Strength of Polymer Concretes	Compressive Strength	C 579-96	11,000 psi
Flexural Strength and Modulus of Elasticity of Polymer Concretes	Flexural Strength Modulus of Elasticity	C 580-93	1,800 psi 2,900,000 psi
Chemical Resistance of Polymer Concretes	Chemical Resistance	C 267-97	Pass <sup>4</sup>
Determination of Impact Resistance by means of a Tup (falling weight)	Impact Resistance	D 2444-93	Pass

<sup>1</sup>AASHTO H-10, ASTM C 857, A-8, 8,000 lbs Design Load. Static Vertical Load Rating >22,880 lbf. SCTE Tier 10, 10,400 lb design load; 22,568 lbf minimum test load.

<sup>2</sup>Coefficient of Friction (ASTM C1028) >0.5

<sup>3</sup>Western Underground Committee, Guide 3.6

<sup>4</sup>Specimens exposed to ten reagents (alkalis, acids and petroleum distillates) experience <2% weight and dimensional change and retain >75% of average Compressive Strength. Listing of reagents and test reports available upon request.

#### VERTICAL AND LATERAL LOAD RATING (*Design Load; Test Load*)

##### All "H Series" Bodies and Covers

- C857 A-8, AASHTO, HS10-44 – 8,000 lbf; 22,880 lbf
- SCTE Tier 10 – 10,400 lbf; 22,568 lbf

### SHIPPING INFORMATION

	<u>Weight</u>
1212-P0Cover	10 lbs.
1212 Body	32 lbs.

#### Shipping Configuration

Unit, 36 assemblies = 62.0 cu. ft.; 1,512.0 lbs.

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