



**Glendora, California**

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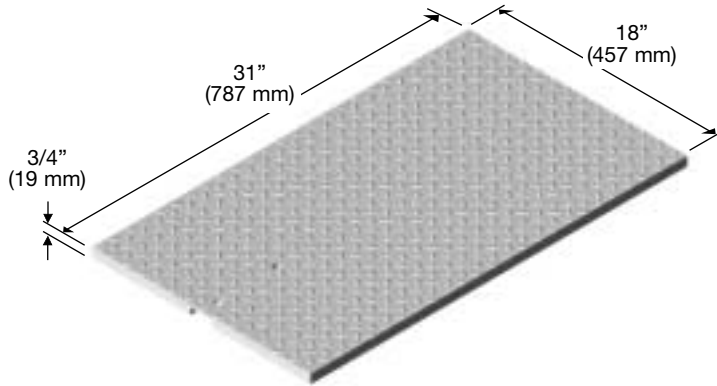
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# H Series HLW1730

## Light Weight



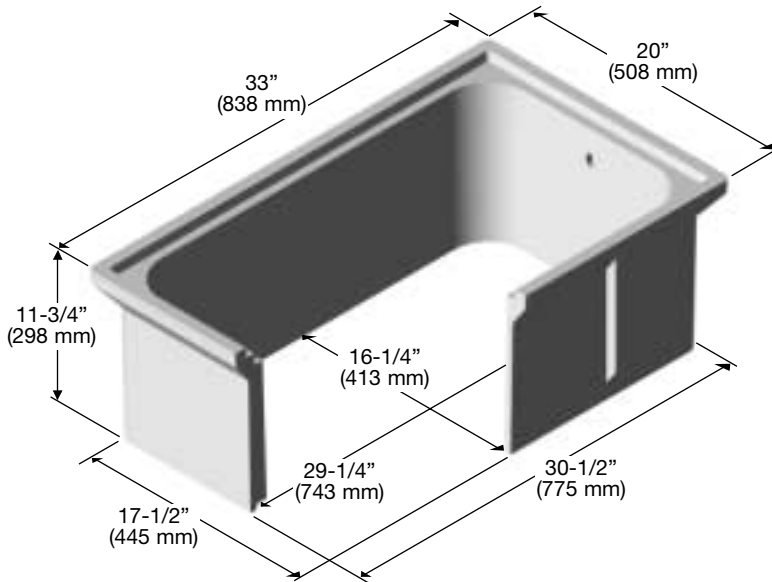
**Cover**

Material: Steel

Weight: 26.5 lbs. (12 kgs)

Model: HLW1730

Skid Resistant Surface<sup>2</sup>



**Body**

Material: Polymer Concrete

Weight: 59.5 lbs. (27 kgs)

Model: HWL1730-12

**Tolerances**

Cover  $\pm 1/8$ " (3 mm); Body  $\pm 1/8$ " (3 mm)

Foot  $\pm 1/16$ " (2 mm); Height  $\pm 1/4$ " (6 mm)

**Fasteners:** 1 each 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. Dimensions in inches with metric equivalents.

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## Light Weight

## Carson Industries, LLC

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## Vertical and Lateral Load Rating

### Heavy Duty Covers

- Compliant with AASHTO, Design Load of H-10; ASTM C 857-95, Design Load of A-8, 8,000 lbs. Capable of withstanding a Static Load of >22,880 lbf transferred through a 10" x 10" steel plate centered on the cover and body.
- This product is designed to withstand H-10 loading in incidental or non-deliberate traffic areas. Not intended to be installed in roadways.

### Shipping Configuration

- Single Bodies – 12":** Unit, 15 assemblies, = 46.5 cu. ft.; 1,340 lbs.

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

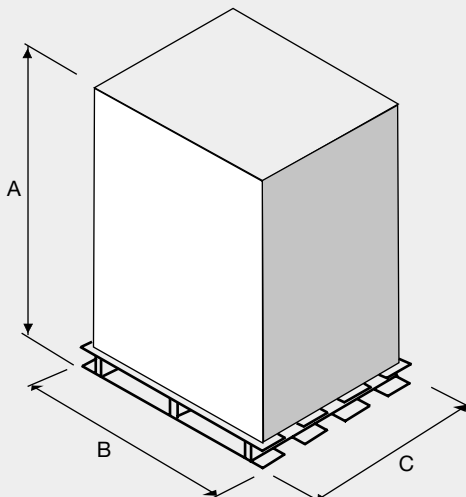
<sup>1</sup>AASHTO H-10, ASTM C 857, A-8, 8,000 lbs Design Load. Static Vertical Load Rating >22,880 lbf. SCTE Tier 10, 10,400 lb design load; 22,568 lbf minimum test load.

<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.

## Shipping Information



UNIT			COVER			BODY		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	66"	A	Height	35"	A	Height	58"
B	Length	42"	B	Length	42"	B	Length	42"
C	Width	54"	C	Width	48"	C	Width	54"

**Units:** 15 per pallet  
**Weight:** 1,340 lbs. per pallet

**Units:** 45 per pallet  
**Weight:** 1,242 lbs. per pallet

**Units:** 15 per pallet  
**Weight:** 943 lbs. per pallet

All information contained in this brochure was current at the time of printing. Because of Carson Industries' policy of ongoing research and development, the Company reserves the right to discontinue or update product information without notice.