



**Glendora, California**

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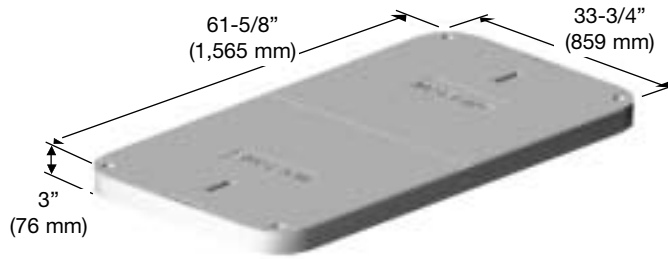
**Roscommon, Ireland**

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# H Series H3060

## Heavy Duty



**Cover<sup>1</sup> (2 piece)**

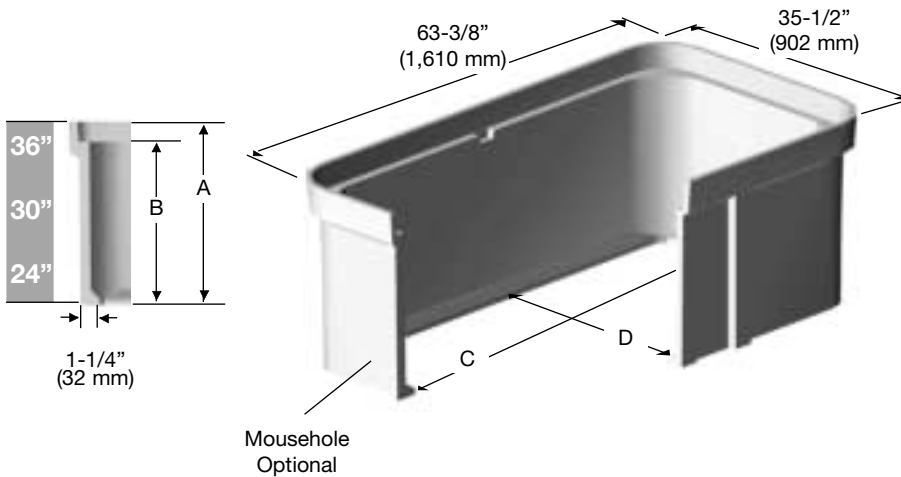
Material: Polymer Concrete

Weight: 204.0 lbs. (92.5 kgs) per half cover

Model: H3060-P1

Skid Resistant Surface<sup>2</sup>

Material compliant with WUC, Guide 3.6<sup>3</sup>)



**Bodies (24", 30", 36")**

Material: Polymer Concrete

Model: H3060-24 (253 lbs./115 kgs)

A. 24" (610 mm)	B. 21" (533 mm)
C. 58 7/16" (1,483 mm)	D. 30 9/16" (777 mm)

Model: H3060-30 (304 lbs./138 kgs)

A. 30" (762 mm)	B. 27" (686 mm)
C. 58 5/16" (1,481 mm)	D. 30 7/16" (772 mm)

Model: H3060-36 (355 lbs./161 kgs)

A. 36" (914 mm)	B. 33" (838 mm)
C. 58 3/16" (1,478 mm)	D. 30 5/16" (770 mm)

**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:** 2 each (optional 4 ea) 1/2-13 UNC, Stainless Steel, Hex Head with Washer;  
**Options:** Captive bolt and floating nut, size, quantity, type head are available.

**Cover Identification** is blank unless specified

**Pull Slot** 1/2" x 4" (13 mm x 102 mm)

**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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## Heavy Duty

## Carson Industries, LLC

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## Vertical and Lateral Load Rating

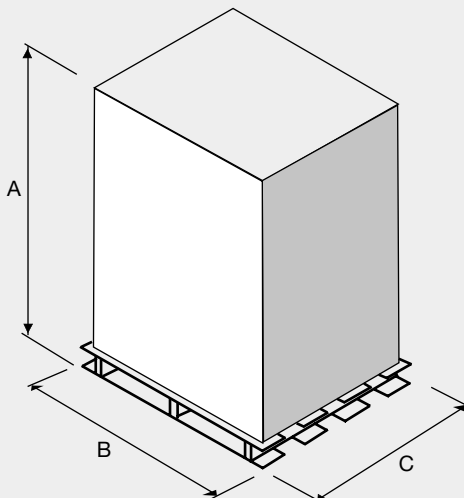
### Heavy Duty Covers

- 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.
- Compliant with AASHTO, Design Load of H-20; ASTM C 857-95, Design Load of A-16, 16,000 lbs. Capable of withstanding a Static Load of >45,760 lbf transferred through a 10" x 20" steel plate centered on the cover and body.
- This product is designed to withstand H-10 and H-20 loading in incidental or non-deliberate traffic areas. Not intended to be installed in roadways.

## Shipping Configuration

- Single Bodies – 24":**  
Unit, 2 assemblies, = 92.8 cu. ft.;  
1,310.0 lbs.
- Single Bodies – 30":**  
Unit, 1 assembly, = 61.25 cu. ft.;  
705.0 lbs.
- Single Bodies – 36":**  
Unit, 1 assembly, = 71.75 cu. ft.;  
755.0 lbs.

## Shipping Information



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>5</sup>

<sup>1</sup>AASHTO H-10, ASTM C 857, A-8, 8,000 lbs Design Load. Static Vertical Load Rating >22,880 lbf.

AASHTO H-20, ASTM C 857 A-16, 16,000 lbs Design Load. Static Vertical Load Rating > 45,760 lbf

<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.

<sup>5</sup>Capable of withstanding 70 ft lbs impact with a type "C" Tup.

UNIT 3060-24			UNIT 3060-30			UNIT 3060-36		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	30"	A	Height	36"	A	Height	42"
B	Length	42"	B	Length	42"	B	Length	42"
C	Width	70"	C	Width	70"	C	Width	70"
<b>Units:</b> 1 per pallet			<b>Units:</b> 1 per pallet			<b>Units:</b> 1 per pallet		
<b>Weight:</b> 517 lbs. per pallet			<b>Weight:</b> 568 lbs. per pallet			<b>Weight:</b> 619 lbs. per pallet		
BODY 3060-24			BODY 3060-30			BODY 3060-36		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	50"	A	Height	62"	A	Height	74"
B	Length	42"	B	Length	42"	B	Length	42"
C	Width	70"	C	Width	70"	C	Width	70"
<b>Units:</b> 2 per pallet			<b>Units:</b> 2 per pallet			<b>Units:</b> 2 per pallet		
<b>Weight:</b> 566 lbs. per pallet			<b>Weight:</b> 668 lbs. per pallet			<b>Weight:</b> 770 lbs. per pallet		
COVER								
Dim.	Description	Value						
A	Height	21"						
B	Length	42"						
C	Width	70"						
<b>Units:</b> 10 parts per pallet								
<b>Weight:</b> 2,100 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.