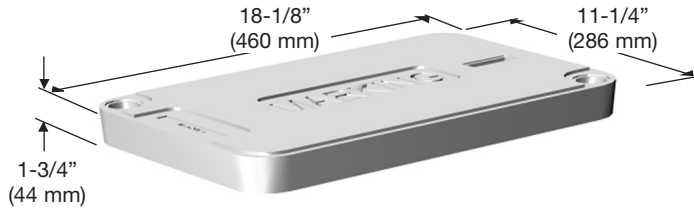


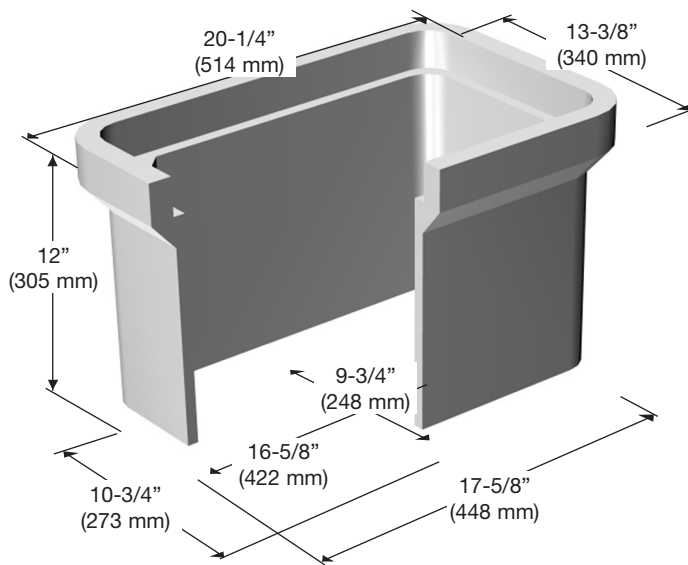
# H Series H1118-12

## Heavy Duty



### Cover<sup>1</sup>

Material: Polymer Concrete  
 Weight: 22.0 lbs. (10.0 kgs)  
 Model: 1118-P1  
 Skid Resistant Surface<sup>2</sup>  
*(Material and cover dimensions compliant with WUC, Guide 3.6<sup>3</sup>)*



### Body

Material: Polymer Concrete  
 Weight: 38.0 lbs. (17.2 kgs)  
 Model: 1118-12

**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  
**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.

# H Series H1118-12

## Heavy Duty



**Pomona, California**  
Toll-Free: 800.735.5566  
Phone: 909.634.3020  
Fax: 800.827.7111

### 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.

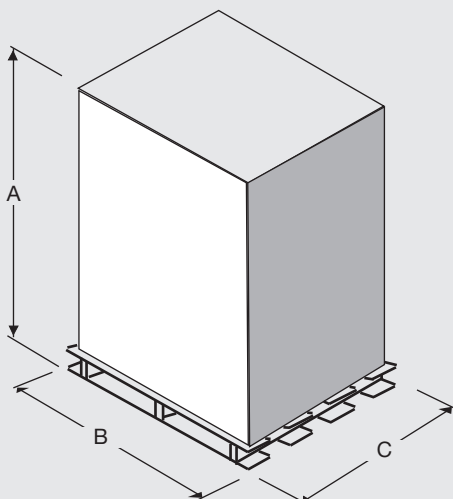
### Shipping Configuration

- **Single Bodies – 11.75"**:  
Unit. 40 assemblies,  
= 54.25 cu. ft.; 1,440.0 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>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.

### Shipping Information



UNIT			COVER			BODY		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	66"	A	Height	23"	A	Height	58"
B	Length	42"	B	Length	42"	B	Length	42"
C	Width	48"	C	Width	48"	C	Width	48"
<b>Units:</b> 40 per pallet <b>Weight:</b> 1,845 lbs. per pallet			<b>Units:</b> 80 per pallet <b>Weight:</b> 1,805 lbs. per pallet			<b>Units:</b> 30 per pallet <b>Weight:</b> 1,185 lbs. per pallet		