



Glendora, California

Toll-Free: 800.735.5566

Phone: 909.592.6272

Fax: 909.592.7971

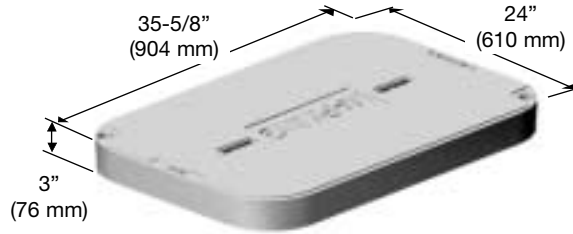
Roscommon, Ireland

Phone: 35.39.03.25922

Fax: 35.39.03.25921

H Series H2436

Heavy Duty



Cover¹

Material: Polymer Concrete

Weight: 185.0 lbs. (83.9 kgs)

Model: H2436-P1

Skid Resistant Surface²

(Material and cover dimensions compliant with WUC, Guide 3.6³)

Bodies (18", 24")

Material: Polymer Concrete

Model: H2436-18 (128 lbs./58 kgs)

A. 18" (457 mm)

B. 15" (381 mm)

C. 33 1/8" (841 mm)

D. 21 1/2" (546 mm)

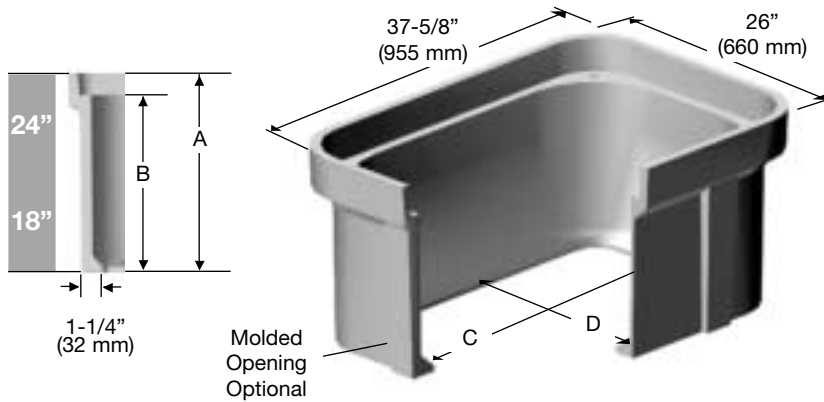
Model: H2436-24 (147 lbs./66.7 kgs)

A. 24" (610 mm)

B. 21" (533 mm)

C. 32 7/8" (836 mm)

D. 21 1/4" (540 mm)



Bottom Extension

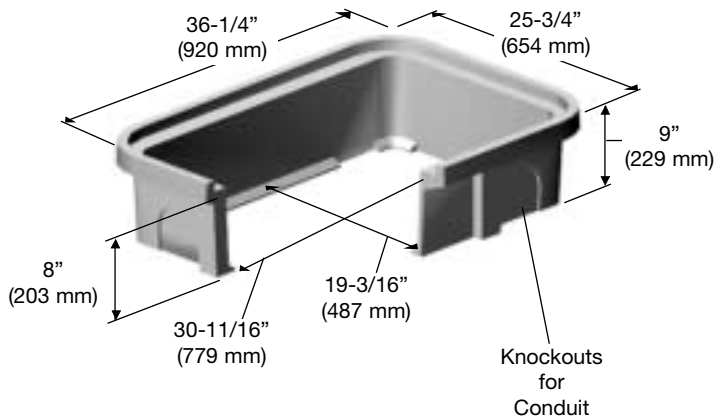
Material: Polymer Concrete

Model: H2436-9X (60.0 lbs./27 kgs)

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. 24" deep shall be used as the lower box only. 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 H2436

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 – 18":**
Unit, 4 assemblies, = 53.8 cu. ft.;
1,252.0
- Single Bodies – 24":**
Unit, 4 assemblies, = 69.6 cu. ft.;
1,328.0

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 ⁴
Determination of Impact Resistance by means of a Tup (falling weight)	Impact Resistance	D 2444-93	Pass ⁵

¹AASHTO 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

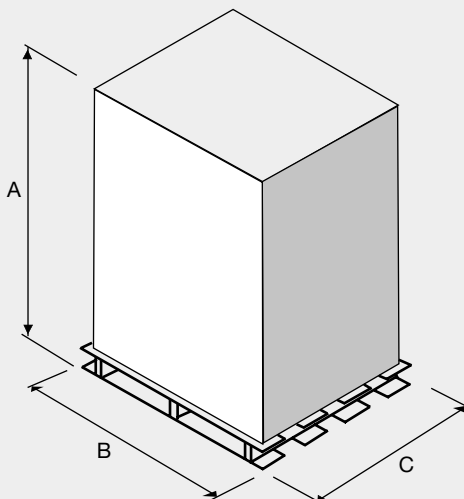
²Coefficient of Friction (ASTM C1028) >0.5

³Western Underground Committee, Guide 3.6

⁴Specimens 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.

⁵Capable of withstanding 70 ft lbs impact with a type "C" Tup.

Shipping Information



UNIT 2436-18			UNIT 2436-24		
Dim.	Description	Value	Dim.	Description	Value
A	Height	42"	A	Height	81"
B	Length	42"	B	Length	42"
C	Width	54"	C	Width	48"
Units: 4 per pallet Weight: 1,297 lbs. per pallet			Units: 20 per pallet Weight: 2,185 lbs. per pallet		
BODY 2436-18			BODY 2436-24		
Dim.	Description	Value	Dim.	Description	Value
A	Height	40"	A	Height	51"
B	Length	42"	B	Length	42"
C	Width	54"	C	Width	54"
Units: 4 per pallet Weight: 557 lbs. per pallet			Units: 4 per pallet Weight: 633 lbs. per pallet		
COVER			BOTTOM EXTENSION		
Dim.	Description	Value	Dim.	Description	Value
A	Height	21"	A	Height	47"
B	Length	42"	B	Length	42"
C	Width	48"	C	Width	48"
Units: 10 per pallet Weight: 1,895 lbs. per pallet			Units: 5 per pallet Weight: 345 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.