

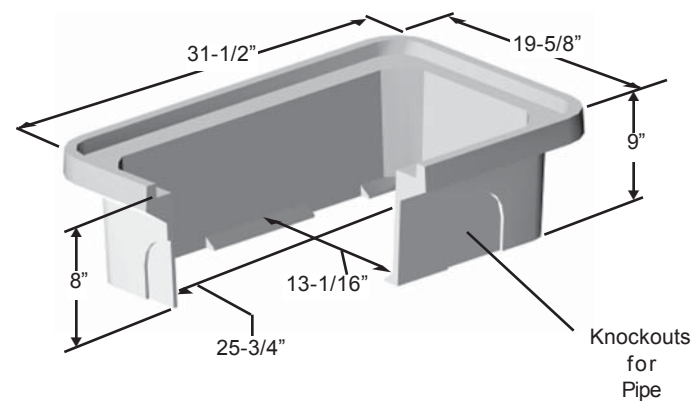
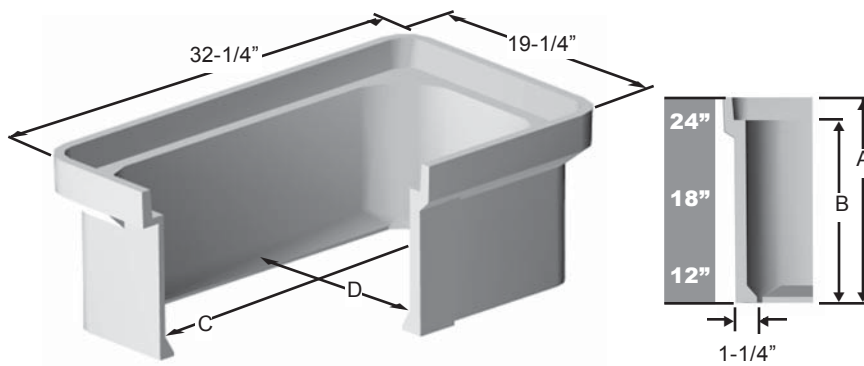
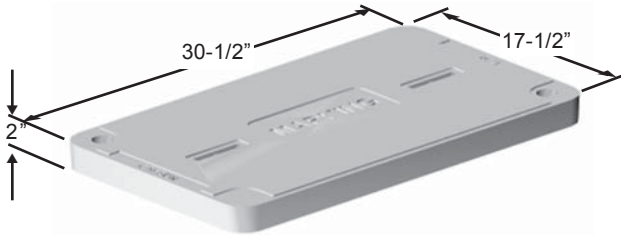


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Heavy Duty

H1730

Polymer Concrete Super Jumbo XL H-20



COVER¹

Model:
 H1730-P1

Skid Resistant Surface²
 (Material and cover dimensions compliant with WUC, Guide 3.6³)

BODIES (12", 18", 24")

Model: H1730-12
 A. 12" B. 10"
 C. 28-1/4" D. 15-1/4"

Model: H1730-18
 A. 18" B. 16"
 C. 28-3/16" D. 15-3/16"

Model: H1730-24
 A. 24" B. 22"
 C. 28-1/8" D. 15-1/8"

BOTTOM EXTENSION

Model: H1730-9X

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

Pull Slot 1/2" x 4"

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-20

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. SCTE Tier 10, 10,400 lb design load; 22,568 lbf minimum test load.

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.

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

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 INFORMATION

	Weight
1730-P1Cover	75 lbs.
1730-12 Body	65 lbs.
1730-18 Body	92 lbs.
1730-24 Body	117 lbs.
1730-9x Extension	45 lbs.

Shipping Configuration

12" – Unit, 12 assemblies = 69.5 cu. ft.; 1,680.0 lbs.

18" – Unit, 6 assemblies = 53.8 cu. ft.; 1,002.0 lbs.

24" – Unit, 6 assemblies = 69.5 cu. ft.; 1,152.0 lbs.

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