

GUARDSHACK™

Enclosures That Work Beautifully

LARGE ENCLOSURES For Large Diameter Backflow Assemblies



The original GuardShack™ line of large enclosures is perfect for covering large diameter backflow devices or other large valuable assets.

Large backflow valves, 2 ½" thru 12" can have bypass assemblies and brass OSY gate valve stems which thieves will steal for scrap, resulting in costly repairs and water shut downs.

Aside from theft, with larger valves, tampering and vandalism are also main concerns. When your property's fire line valve is shutoff maliciously, your system can go offline, leaving your business vulnerable to expensive fire liability concerns. Expensive equipment or crucial manufacturing processes which cannot run without a functioning water supply can also be negatively affected.

When down time equals lost revenue, our enclosures have proven to be cost effective insurance to protect your assemblies.



All of our large enclosures feature our signature rounded design without any sharp corners. This provides both superior strength and safety over square cages.

All of these enclosures are clam shell styled, consisting of two pieces which independently hinge back, allowing full access to the assembly. The hinges also help mitigate the cage's weight and with the help of built in handles, it can be opened with only one person. Our custom made heavy duty hinges are cut from 3/16" steel plate for models GS-4.5 to GS-6 and ¼" thick steel plate for GS-7 and GS-8. All utilize a stainless steel bolt to prevent rusting.

These cages are primed and powder coated to exacting standards for lasting durability.



1-800-266-5411

www.GuardShackEnclosures.com

ADDITIONAL INFORMATION & SPECIFICATIONS



GS-4.5
Woodland Tan

FIVE LARGE STANDARD SIZES AVAILABLE

Available in 5 standard sizes, they can accommodate a large assortment of 2½" - 12" backflow assemblies. Standard colors for these models are in high gloss Woodland Tan & Forest Green which were selected to blend into most any landscaping. Custom sizes & colors are available, please consult factory.



Model	Type	Internal Dimensions W x H x L
GS-4.5	ClamShell	16" x 30" x 64"
GS-5	ClamShell	24" x 40" x 66"
GS-6	ClamShell	24" x 40" x 80"
GS-7	ClamShell	30" x 48" x 99"
GS-8	ClamShell	38" x 60" x 99"

PREMIUM HARDWARE INCLUDED

Hardware kits come with 3/8" x 2" Stainless Steel Hex Head Bolts, 3/8" Expansion anchors, and 1" Fender Washers. These are stronger and more resistant to thieves.

Our cages come with all installation hardware for dry concrete installation.

FABRICATION & POWDER COAT SPECIFICATIONS

Materials: GuardShacks are made of 1½" Schedule 40 pipe A.S.T.M. A-53 grade All Electric Weld steel for end frames, 1" x 1" x 1/8" steel angle iron, ½"#13 gauge diamond pattern flat rolled expanded steel with all welded construction 4" O/C expanded metal die formed for uniformity. Welds every 4" to exceed ASSE 1060-98 Structural Strength Standards.

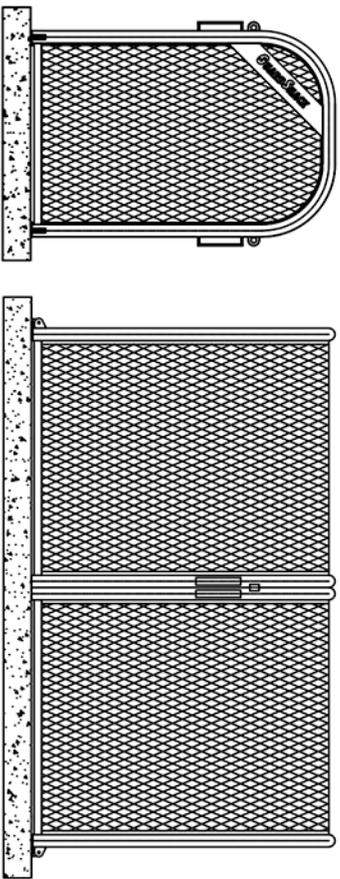
Powdercoating: State-of-the-art aeronautics industry five step metal cleaning process and iron phosphate solution treatment. Units preheated before applying 2-4 mil thickness polyester powder to A.S.T.M. D-2794 Impact Resistant and A.T.S.M. D-3359 Adhesive Specifications

2-Year Manufacturer's Warranty

Warranty: GuardShack Products warranties this product for two (2) years from the date of purchase to be free of defects in material and workmanship. All claims must be made known to GuardShack Products in writing within 30 days of the defect becoming known to the purchaser. There are no warranties that extend beyond those described herein, either expressed or implied. GuardShack Products reserves the sole right, at its own option to repair or replace any defective product, and shall exclude any damage caused by accident, misuse or abuse of the product. In no case shall Guardshack Products be liable for any incidental or consequential damages what-so-ever.

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STANDARD GUARDSHACK™ ENCLOSURES



STANDARD GUARDSHACK™ AND COAST GUARDSHACK™ SIZES INTERNAL DIMENSIONS

GS - M3	16" W x 37" H x 39" L	CLAMSHELL
GS - M4	16" W x 48" H x 39" L	CLAMSHELL
GS - 4.5	16" W x 30" H x 64" L	CLAMSHELL
GS - 5	24" W x 40" H x 66" L	CLAMSHELL
GS - 6	24" W x 40" H x 80" L	CLAMSHELL
GS - 7	30" W x 48" H x 99" L	CLAMSHELL
GS - 8	38" W x 60" H x 99" L	CLAMSHELL
GS - 8.5	38" W x 60" H x 120" L	CLAMSHELL

For 304 S. S. , order as CGS using same model #

POWDERCOATED UNITS

Pre-powdercoat Treatment Process

Clean GuardsShack™ unit with a S-44 alkaline cleaner, overflow rinse, apply an AC-8115 iron phosphate treatment, overflow rinse and finish with a #198 sealer rinse to prevent rusting and improve adhesion.

Powdercoat Treatment Process

Units shall be preheated and coated by electrostatic application of 2.0 to 3.5 mil thickness on all surfaces. Powder shall be RAL 1019 Woodlands Tan or TCI 8810-6058 Forest Green or approved equal Impact Resistance Finish 160 inch pounds direct 160 inch pounds reverse, per ASTM D-2794 specs. Gloss Finish >85, per ASTM D-523. Adhesion to be rated excellent when tested to ASTM D-3359 standards.

STAINLESS STEEL ELECTRO-POLISH FINISH

All 304 Stainless Steel units shall be chemically electro-polished to impart a lustrous finish to the unit.

GUARDSHACK™ GENERAL SPECIFICATIONS

- All pipe shall be 1 ¼" schedule 40 A.S.T.M. A-53 Grade A- Electric Weld pipe.
 - Angle Iron shall be 1" x 1" x 1/8" steel.
 - Stainless steel units shall be 1 ¼" schedule 10 A.S.T. M. A-312 304 S.S.
 - Expanded metal shall be 1/2" spacing x # 13 Ga. flattened diamond pattern steel.
 - All hinges shall have hidden/internal mounting points.
 - All stainless steel shall be sandblasted after fabrication to remove burrs, flashing and sharp edges.
 - There shall be no exposed ends of expanded metal on the outside of the enclosure.
 - Welding shall be a minimum of ¼" long welds on 4" spacing.
 - Hardware kits provided for mounting enclosures. See HK-300/HK-700 for hardware specifications.
 - On 304 S.S. units, all hinges, exposed hardware, and brackets shall be 304 S.S.
 - All hardware shall be securely attached to enclosures.
 - All enclosures shall withstand a minimum of 200 lbs. per square foot without any permanent deflection or distortion.
 - 3/8" spacing between angle iron framework of enclosure and slab to prevent rusting.
- Only pipe ends to touch slab.

GuardShack Products, LLC.

3831 E. GROVE STREET

PHOENIX, ARIZONA 85040 (602) 426-1002

GENERAL SPECIFICATIONS FOR STANDARD GUARDSHACK™ ENCLOSURES

SCALE: NTS
DETAIL NO.

GSP- 011121-3

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