



# **GUARDSHACK™** Powder-Coated Metal and Stainless Steel Enclosures

## Standard Sized "Powder-Coated" Metal Enclosures Models GS-.5 to GS-2 for 1/2"-2" Backflow Assemblies



A GS-2 GuardShack™ Forest Green liftoff model covering a 2" Reduced Pressure Assembly.

On liftoff models, all of the interior length can be utilized because no extra room is needed for the arc found in a hinged model.



- ▶ The rugged construction of these units will prevent vandalism and theft of your expensive backflow devices.
- ▶ Their unique design is *safe* for children and pedestrians.
- ▶ *Never* any sharp corners or
- ▶ *Always powder coated* for lasting durability and lower maintenance costs.
- ▶ Standard colors include our High Gloss Forest Green and Woodland Tan colors.
- ▶ Complete access for testing & service work
- ▶ One hour installation time, using the EncPad™ (our pre-manufactured Enclosure Pad).
- ▶ FrostGuard™ (Insulated Blanket) is available to protect the assembly from occasional cold snaps.



Powdercoated GuardShack™ Lift Off Enclosures for 1/2" to 2" Standard Backflow Assemblies							
Model	Centerline Dimensions	Inside Dimensions	WT	EncPad Model	EncPad™ Dimensions	FrostGuard™ Model	Alt Concrete Pad Dimensions
GS - .5	12"Wx18"Hx12"L	10"W x 18"H x 10"L	34	EP-.5	24"Wx24"Lx3"D	FG-.5	20"Wx20"L
GS - 1	12"Wx24"Hx24"L	10"W x 24"H x 22"L	40	EP-1	24"Wx36"Lx3"D	FG-1	20"Wx32"L
GS - 2	12"Wx24"Hx32"L	10"W x 24"H x 30"L	45	EP-2	24"Wx42"Lx3"D	FG-2	20"Wx40"L

IT'S NO SUPRISE that BPD's two most popular sizes are the GS-1 and GS-2 powdercoated models. Over four dozen different backflow assemblies fit inside these rugged yet attractive units, since these models allow full use of interior space. These models are also very popular for light powered timers, air/vacuum relief valves, gas valves and more. The GS-.5 unit is perfect for 1/2"-3/4" PVB's and all three units are often used to cover dangerous, hard-to-see pedestrian trip hazards. All tamper proof hardware is supplied with the unit.

Also Available for your Lift Off Model Enclosures:

► **EncPad™** Enclosure Pads - The pre-manufactured enclosure pad that's better than concrete. Now Lift Off enclosures install in less than 45 minutes, without concrete. The EncPad™ is a heavily ribbed, yet lightweight and resilient UV stabilized meter box type plastic pad, with a cut out to fit over an assembly. It uses the BPD's Padlock™ anchoring system to securely clamp the pad to the pipe risers. The EncPad™ removes and replaces in just minutes in the case of a leak under the pad, and is virtually indistinguishable from actual concrete.

► **FrostGuard™** Insulated Blankets - Now in R-13 & R-30 models and perfectly sized to fit inside your GuardShack™ enclosure, (see above).

► **LockShield™** Brackets - Designed to safeguard a unit from bolt cutters, (see GS-.5 photo above).

► **Emblems** - Laser cut, silk screened emblems of your corporate logo, or government or school seal are available (see GS-.5 above).

Backflow Assembly Sizing Chart				
Model	GS-1		GS-2	
	Size	Length	Size	Length
FEBCO 825Y	3/4"	19 1/2"	1 1/4"	24 1/4"
	1"	20 3/4"	1 1/2"	28 1/4"
FEBCO 825YA	3/4"-1"	10 1/4"		
	1 1/2"-2"	14 3/4"		
FEBCO 860	3/4"	18 1/4"	1 1/4"	26 1/2"
	1"	20 1/2"	1 1/2"	28"
FEBCO 880	3/4"	14"	1 1/2"	24 1/2"
	1"	17 1/4"	2"	25"
	1 1/4"	22"		
WATTS 009	3/4"	19 1/4"	1"	24 3/4"
			1 1/4"	28"
WATTS 009UA	3/4"-1"	16 1/2"	2"	24 1/2"
	1 1/2"	20"		
WATTS 909			3/4"	24 3/4"
			1"	25 1/4"
WILKINS 975/XL	3/4"	19 1/2"	1 1/4"	27 1/2"
	1"	21"	1 1/2"	28 1/2"
WILKINS 975XLV	3/4"	15"		
	1"	15 1/2"		

► For larger sizes not listed here, see GS-3/GS-4 sizing chart  
 ► Use GS-.5 units for 1/2"-3/4" PVB installations, up to 18" height  
 ► Use GS-1 units for 1/2"-2" PVB installations up to 24" height

**FABRICATION SPECIFICATIONS**

1/4" Sch 40 A.S.T.M.-A-53 Gr.A.E.W. steel pipe for end frames.  
 1" x 1" x 1/8" steel angle iron base.  
 1/2" #13 ga. diamond pattern flat rolled expanded steel with all welded construction 4" O/C.  
 Expanded metal die formed for uniformity.

**POWDER COAT SPECIFICATIONS**

State-of-the-art five part metal cleaning process and iron phosphate solution treatment.  
 Units preheated before applying 1.5-2.0 mil thickness polyester powder to A.S.T.M. D-2794.  
 Impact Resistant Specifications and A.S.T.M. D-3559 Adhesive Specifications.

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