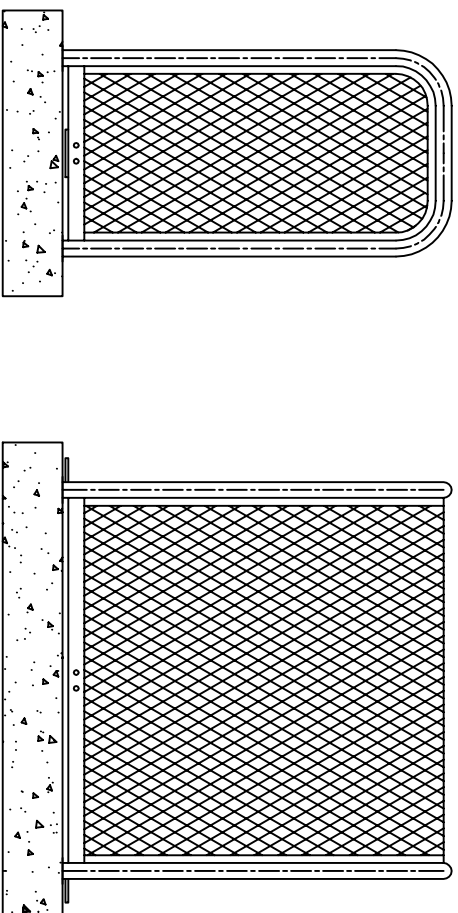


**STANDARD ECONOCAGE™ SIZES**  
For 1/2" - 2" Backflow Prevention Assemblies



**ECONOCAGE™ GENERAL SPECIFICATIONS**

- All tubing shall be 1" .065 wall thickness ASTM B338 steel.
- Angle Iron shall be 1" x 1" x 1/8" steel.
- Expanded metal shall be 1/2" spacing x # 13 Ga. flattened diamond pattern steel.
- There shall be no exposed ends of expanded metal on the outside of the enclosure.
- Welding shall be a minimum of 1/4" long welds on 4" spacing.
- Standard mounting brackets shall be welded on each end of lift off enclosures.
- One bracket on hinged units shall be welded on end opposite hinges.
- Hardware kits provided for mounting enclosures.
- 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 tubing ends to touch slab.

**STANDARD ECONOCAGE™ SIZES INTERNAL DIMENSIONS**

EC - 1	10" W x 24" H x 22" L	Lift-Off
EC - 2	10" W x 24" H x 30" L	Lift-Off
EC - 3	10" W x 24" H x 40" L	Lift-Off
EC - 3.3	13" W x 30" H x 30" L	Lift-Off
EC - 3.5	13" W x 30" H x 40" L	Hinged
EC - 4	13" W x 30" H x 46" L	Hinged

**POWDERCOATED UNITS**

Pre-powdercoat Treatment Process

Clean GuardSnack™ 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.

BACKFLOW PREVENTION DEVICE ENCLOSURES  
3831 E. GROVE STREET  
PHOENIX, ARIZONA 85040 (602) 426-1002

**GENERAL SPECIFICATIONS FOR  
STANDARD ECONOCAGE™ ENCLOSURES**

SCALE: NTS  
DETAIL NO.  
BPD1-6.0  
REV. 0