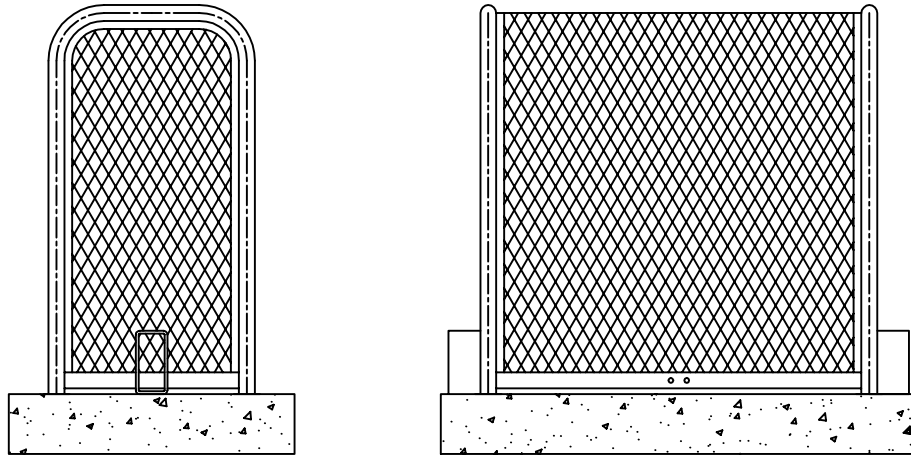


STANDARD ECONOCAGE™ SIZES
For ½" - 2" Backflow Prevention Assemblies



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 Lock Shield Brackets shall be welded on each end of lift off enclosures.
- 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 - 4	13" W x 30" H x 40" L	Lift-Off

POWDERCOATED UNITS

Pre-powdercoat Treatment Process

Clean GuardShack™ 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.
BPDI- 6.0
REV. 0