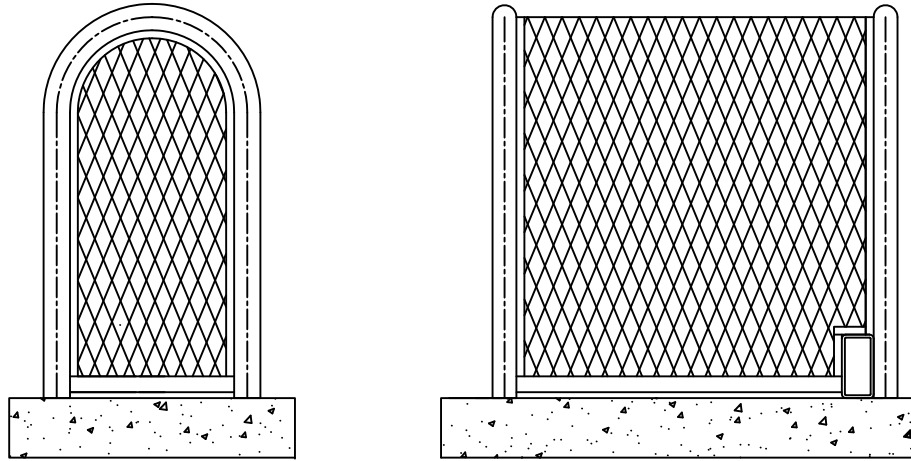


BACKFLOW PROTECTOR™ ENCLOSURES



STANDARD BACKFLOW PROTECTOR SIZES INTERNAL DIMENSIONS

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

BACKFLOW PROTECTOR™ GENERAL SPECIFICATIONS

- All tubing shall be 1 ½" ASTM A513 1020 (DOM) Steel Round Tube.
- Angle Iron shall be 1" x 1" x ⅛" steel.
- Expanded metal shall be ½" 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 ¼" long welds on 4" spacing.
- Two standard Lock Shield Brackets shall be welded to lift off enclosures.
- Hardware kits provided for mounting enclosures.
- All hardware shall be securely attached to enclosures. See HK-100 for hardware specifications.
- 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.

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.

BPDI-GuardShack Enclosures
3831 E. GROVE STREET
PHOENIX, ARIZONA 85040 (602) 426-1002

GENERAL SPECIFICATIONS FOR BACKFLOW PROTECTOR™ ENCLOSURES

SCALE: NTS
DETAIL NO.
BPDI- BP
REV. 0