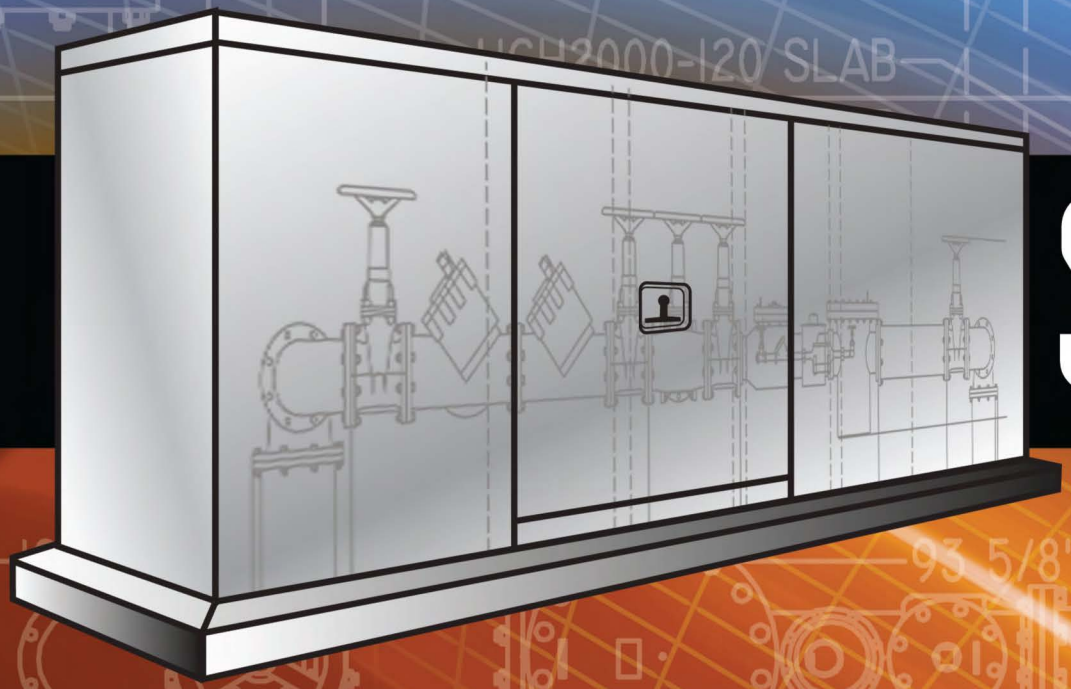


SAFE-T-COVER®

by Hydrocowl

ENCLOSURES DESIGNED FOR THE WORLD'S WATER SYSTEMS

800-245-6333 | www.safe-t-cover.com

Safe-T-Cover enclosures and heating systems will maintain an inside temperature of 40˚F when the outside temperature is –30˚F.

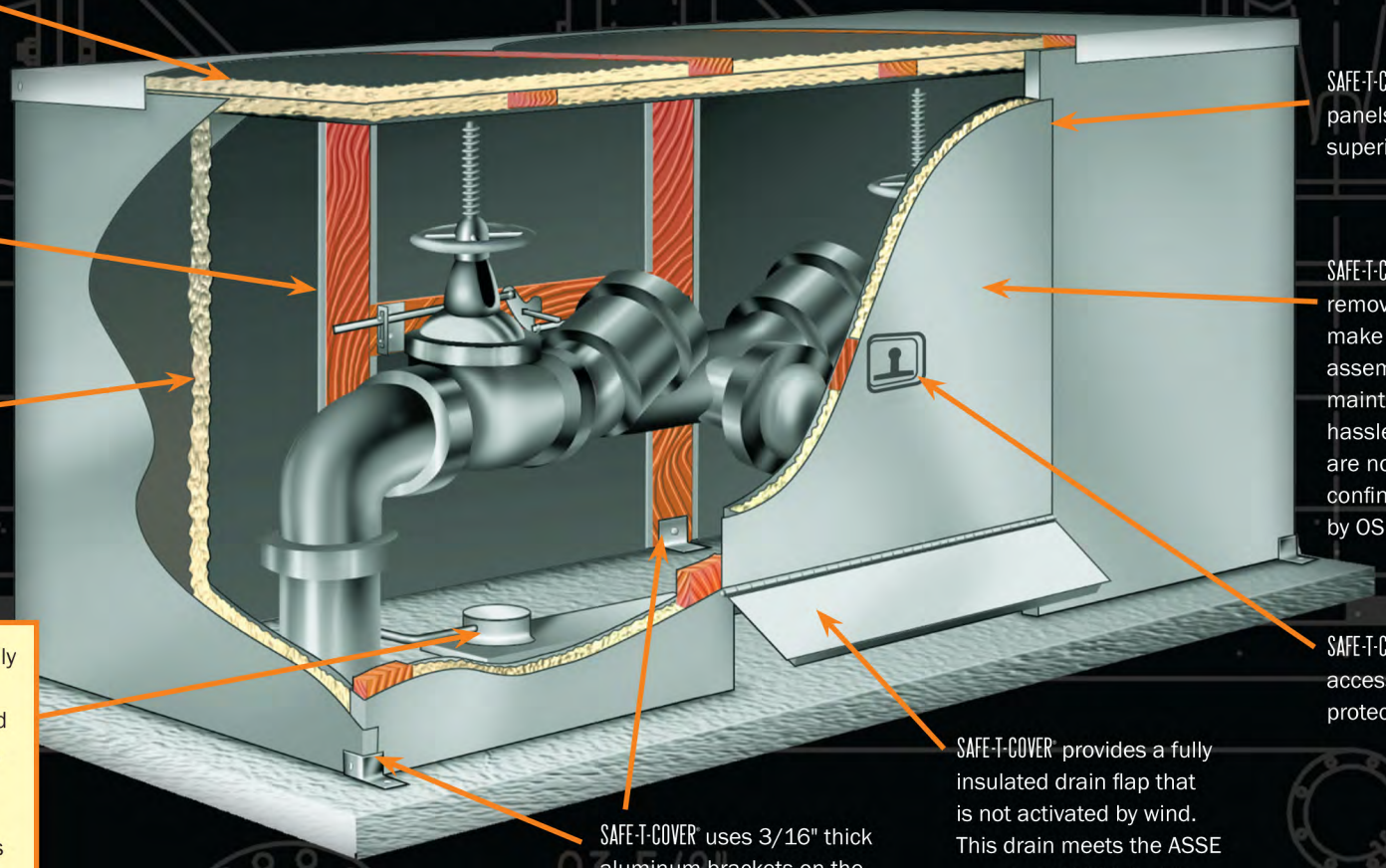
All standard Safe-T-Cover enclosures comply with the 2009 International Plumbing Code, section 608.14.1.: "Outdoor enclosures for backflow prevention devices shall comply with ASSE 1060."

SAFE-T-COVER® provides a removable top secured from the inside. A lift-up roof option is available on many models.

SAFE-T-COVER® provides proven redwood post & beam construction for superior strength.

SAFE-T-COVER® provides insulation that is manufactured according to ASTM standards and has a proven "R" Value.

SAFE-T-COVER® 's thermostatically controlled slab mount heating system is designed for water spray conditions. Our slab mounted heater is independently certified for use in "damp" locations as required by ASSE Standard 1060 – Class1. Our patented slab mounted heater conducts heat to the riser piping for added freeze protection in excessively cold climates.



SAFE-T-COVER® uses 3/16" thick aluminum brackets on the inside and stainless steel mounting brackets on the outside of the enclosure for extra durability and security.

SAFE-T-COVER® provides a fully insulated drain flap that is not activated by wind. This drain meets the ASSE standard #1060 for RP drainage.

SAFE-T-COVER® has inter-locking panels (no open seams) for superior freeze protection.

SAFE-T-COVER® provides LARGE removable access panels to make backflow prevention assembly testing and maintenance safe and hassle free. Our enclosures are not classified as a confined space as defined by OSHA.

SAFE-T-COVER® provides lockable access panels for vandal protection.

SAFE-T-COVER® enclosures are certified to ASSE standard #1060 requirements for freeze protection, vandal protection, drainage capacity, and structural strength.

What Does the Backflow Industry Say?

Manufacturers of backflow prevention assemblies are recommending their BFPs be installed above ground to prevent submergence and to provide adequate drainage for RP applications.

An RP assembly installed inside a building can create liability risks for the design engineer, the installer and the approving authority.

Independent agencies involved in the backflow prevention industry (ASPE, ASSE, IPC, USC Foundation, etc.) have published numerous statements regarding the proper location and manner to install backflow prevention assemblies. Visit our website at *www.safe-t-cover.com/industryquotes* for exact industry quotes.

Best Practice: Above Ground! Near the Meter!

Water Utilities and Design Engineering firms are adopting improved standards for backflow prevention assembly installations. Best practices are moving toward the installation of backflow preventers above ground, as close to the meter as possible. The enclosure should meet ASSE Standard #1060. These best practices are created (1) to assure the public has safe drinking water and (2) to protect design engineers and water purveyors against liability lawsuits.

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The Message is Clear: Best Practice Mandates Installation of RPs Above Ground!

Specifying RP (reduced pressure principle) backflow prevention assemblies above ground and near the meter is the Best Practice for compliance with the proper Standard of Care for backflow prevention applications.

Reduce Your Liability Exposure

"An outdoor - above ground BFP installation may be the best way to: 1.) reduce the owner's exposure to damage caused by flooding (building drain and municipal sewer constraints) and the corresponding water contamination caused by a cross - connection; and 2.) reduce the legal liability of the design engineers, the installer and the certified tester whose professional actions, in part, may have otherwise caused the flooding harm. The water industry has a nationally accepted design criteria in ASSE's Standard 1060 to protect these installations. It's a win-win-win insurance policy."

Doug Cregor,
Attorney specializing in
backflow litigation incidents

High-Quality Design Elements Distinguish SAFE-T-COVER® Enclosures

- 50+ standard models meet the rigid ASSE 1060 Standard
- Marine-grade aluminum construction material
- Redwood post and beam construction for superior strength and durability
- Roof sections for the panel design models have a R-18 rating and the walls have a R-9 rating with cut insulation board that meets ASME standards
- All models are lockable for vandal protection
- Large access panels make testing and maintenance safe and easy
- Models available to house side-by-side backflow preventers

Alert! Alert! Alert!

- Alarms if you lose power or if the inside temperature falls below the set point
- Includes both a strobe light alarm and an audible alarm
- Encased in painted 14 gauge steel NEMA 12 enclosure, giving water protection in the event of a full RP discharge
- Includes continuously recharged 12V DC battery system when connected to 120V single phase electrical power

SAFE-T-COVER™

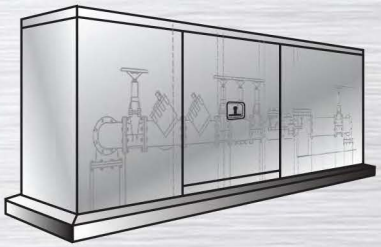
The HydroCowl Connection

In the mid 1980's, HydroCowl, Inc., recognized the need for a standardized above ground enclosure design that would house backflow assemblies and provide superior freeze protection. The design needed to have easy access for testing and maintenance while being cost effective and simple to install. HydroCowl, Inc. began constructing and marketing the SAFE-T-COVER® line of above ground enclosures to a welcoming waterworks and design community in 1988.

Unique, Patented Heating System for Water Spray and Wet Conditions

- Our HCH slab mounted heater has been independently tested to operate under damp/wet locations, meeting the ASSE 1060 Standard heater requirements
- Thermostatically controlled to keep the enclosure at least 40°F inside when it is –30°F outside
- Comes with a three year warranty
- More efficient than wall mounted heaters

US Patent Number 5,609,784



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Above Ground Installations Are a Significant Cost-Savings When Compared to Below Ground Installations

Underground utility contractor job bids indicate the cost of an average above ground installation with an enclosure can be anywhere from 15% to 25% less than the cost of the below ground installation with a vault. The contractor's main considerations are:

- The higher cost of transporting and operating equipment large enough to lift and excavate a pit large enough for the placement of a pre-cast vault as opposed to the equipment required to excavate a pipe trench.
- Providing a dump truck for the removal of excess material and a larger crew required for the additional equipment involved with the large excavation job.

Other cost considerations typically over-looked:

- additional shoring
- potential complications with existing underground utilities
- rock and landscaping costs

"I very much like the design and sturdy construction of the SAFE-T-COVER enclosures, and my client expressed his satisfaction with its performance as well."

Mark Warren
ACR Engineering
Austin, TX

Colors Designed to Enhance Landscapes

SAFE-T-COVER™ enclosures are available in numerous aesthetic colors. Choose a color that best compliments your site.

- Sierra tan
- Hartford green
- Mansard brown
- Dark bronze
- Slate gray
- Colonial red
- Forest green
- Matte black
- Medium bronze
- Stone white
- Almond

Top Ten Advantages of Our Above Ground Enclosures

1. Considered Best Practice for Water Utilities across the country.
2. Easy access for testing and repairs; promotes safer conditions for maintenance personnel – Eliminates the dangers of permit-required confined spaces.
3. Reduces Legal Liability created with pit or vault installations.
4. Prevents cross-connections between the meter and backflow preventer.
5. Certified to ASSE standard #1060.
6. Designed for the necessary drainage to meet ASSE Standard 1060.
7. Patented Slab-Mount Heating System provides superior freeze protection.
8. Vandal protective – Mounting brackets are placed on the inside of the enclosure. Secured by built-in locking device.
9. Enclosures are available in numerous popular aesthetic colors.
10. Saves expensive space in buildings.

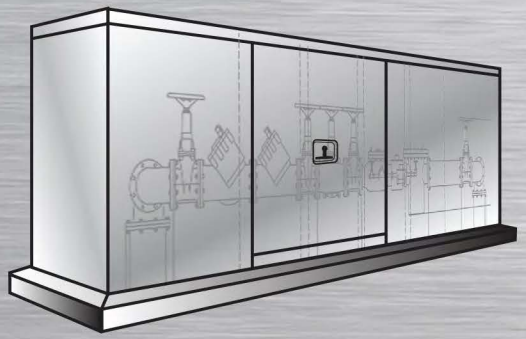
Visit our ever-expanding website today!

- **You can determine the optimum Safe-T-Cover enclosure model for your backflow preventer**
- **Download submittal and specification information sheets**
- **Download a drawing showing our selected enclosure fitting over your exact backflow preventer specifications**
- **Download standard assembly instructions**
- **Find your area Safe-T-Cover rep**
- **Find our recommended contractor pricing**

www.safe-t-cover.com

"With SAFE-T-COVER'S™ design support, I was able to significantly reduce my design time…Plus, their high-quality enclosures make them an ideal choice for backflow preventers requiring above ground installation."

Christopher R. Akers
Littlejohn Engineering Associates
Nashville, TN



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Nashville, TN 37211
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