



AttaBox® Enclosures Helps Branom Instrument Company Provide A Reliable Solution For Protecting Pump Sensor Controls

THE SITUATION

Since 1947, Branom Instrument Company has been providing customers with best-in-class process instrumentation for control and monitoring of flow, gas and liquid analytics, level, pressure, temperature, and automation. Branom's instrumentation solutions provide maximum precision, efficiency, and reliability. Branom depends on the proven performance of enclosures to house and protect sensitive instrumentation and controls.

THE CHALLENGE

A manufacturer turned to Branom Instrument Company for an application solution specific to providing level sensing for pump controls in a sump where wastewater effluent was collected from a painting and coating line. It was essential that instrumentation would be reliably protected from potentially harsh environmental factors. Additionally, safe housing for a flow meter and pH controller were required so that the customer could meet government and industry effluent regulations.

THE SOLUTION

Branom Instrument Company and its panel shop selected a 14" x 12" x 16" Heartland® Series enclosure with opaque cover from AttaBox® Enclosures, world leaders in polycarbonate enclosures and a brand of Robroy Enclosures®.



AttaBox.com
500 Maple Street
Belding, MI 48809
616.794.0700

According to Andrew Garcia, Outside Sales Engineer for Branom Instrument Company:

“Our customer needed a turnkey solution from us. Our panel shop mainly uses AttaBox® enclosures because of wide ranging sizes, accessories and availability. On their recommendation we selected AttaBox® because we found their enclosures to be of high quality, proven performance and competitively-prices. The Heartland® Series enclosure used enabled us to effectively house and protect a pH controller, data logger, relays, power supplies, a tower light, plus all electrical wiring. This provided a solution for exactly what our customer needed.”

Heartland® polycarbonate enclosures from AttaBox® Enclosures are designed to be used in a variety of indoor or outdoor applications. **These enclosures provide superior protection against rain, sleet, snow, splashing water, hose directed water, submersion, sun/UV radiation and flames.**

Innovations and key benefits of the Heartland® enclosures line include:

- » Industry-leading size range: 6"x6" to 24"x24"
- » Enclosures can be configured as screw cover or hinged cover
- » Fully non-metallic hinge, does not penetrate inside enclosure
- » Thick, robust sidewall construction eliminates sidewall flexing
- » Built-in DIN Rail mounting embosses in the back of the enclosure
- » Capability to side mount of enclosure panel, DIN or instruments
- » Sliding T-Nut allows for infinite panel adjustment back to front
- » Latch options – fully non-metallic or stainless steel
- » Clear or Opaque cover options
- » Multi-directional mounting feet allow mounting flexibility
- » Aluminum back panel and swing-out panel mounting options

Features specific to materials include the capacity for Heartland™ enclosures to perform without adverse effects in temperatures ranging from -40°F to +248°F.

These Attabox® enclosures achieve the highest flame resistance (UL 94 Flame Rating) and resins have achieved UL's best rating for UV exposure and water immersion ("f1" per UL 746C).

Other key ratings include: Type 1, 3R, 4, 4X, 12 ratings; ULus Listed per file #E319779; → UL50, UL50e, UL508A; and IEC 60529: UL Listed per file #E362920 IP66.



SOLUTIONS@ROBROYENCLOSURES.COM

FOR ADDITIONAL INFORMATION

Branom: www.branom.com

ATTABOX® ENCLOSURES → PROVEN PROTECTION BY DESIGN



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