

TEMPERATURE GAUGES

FEATURES

- Laser sharp white markings on black background
- Low profile rugged design
- Corrosion resistant Stainless Steel case
- Vented case abates condensation
- Stainless Steel connection with precision threads
- High impact resistant UV-stabilized Polycarbonate lens
- Stainless Steel bezel cover rolled-on for secure fit
- Bright red maximum temperature pointer with reset knob
- Precision pointer shaft bearing reduces wear
- Sensitive bi-metal helix assures reliable measurement
- 2 % accuracy
- Suitable for indoor and outdoor application
- Meets and exceeds ANSI and Industry Standards

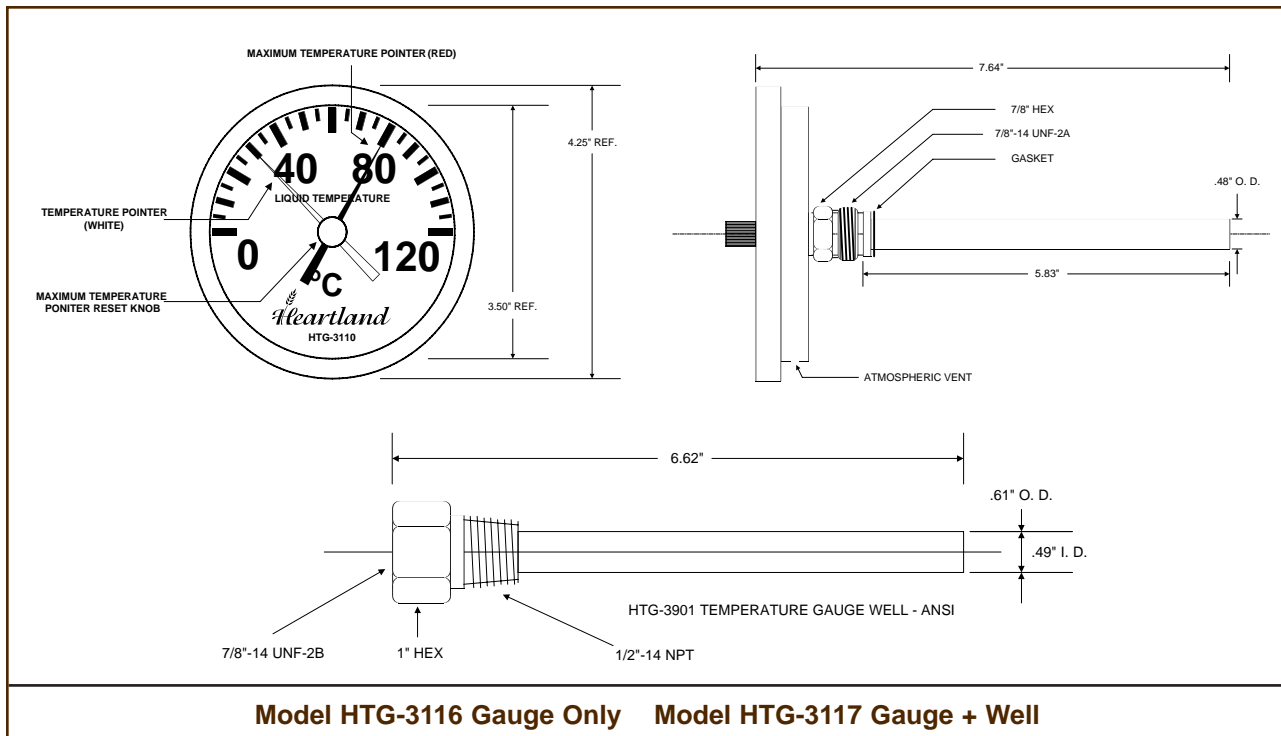


**HTG-3116
HTG-3117
MODEL**

The HTG-3116 and 3117 are two models in the Heartland HTG family of temperature gauges.

APPLICATION Heartland HTG temperature gauges measure and indicate the temperature of the oil in transformers, regulators and other electrical equipment. Various ANSI and Industry Standards specify temperature gauges for oil filled electrical equipment. The Heartland model HTG-3116 and HTG-3117 temperature gauges meets or exceeds these specifications. Heartland Solutions HTG temperature gauges reliably measure and indicate the oil temperature in either indoor or outdoor transformer, regulator and other electrical applications.

TECHNICAL DATA



OPERATION Install Model HTG-3901 well in the transformer tank. Then, install the HTG-3116 temperature gauge into the well. The union connection on the gauge allows easy gauge centering. The temperature gauge is now ready to measure and indicate temperatures between 0 - 120 degrees centigrade.

A bi-metal helix element in the stem of the gauge senses the temperature and rotates with temperature change. The element is connected to the pointer shaft and provides direct precision movement to the white pointer. When the white pointer moves up the scale, it transports the red pointer. When the white pointer moves down the scale, the red pointer remains at the maximum temperature location. Reset the red pointer by rotating the knob located in the center of the lens. The Heartland HTG temperature gauges and wells are an accurate instrument assembly measuring and indicating temperature within +/- 2% of the dial range.

SOLUTIONS Heartland personnel have been assisting customers with transformer control and instrumentation applications since 1970. We invite you to contact our customer service professionals with your requirements. Heartland is the source for quality products, fast service and dependable support. The next time your application requires a temperature gauge, order from the solutions company, Heartland Solutions.

The Heartland HTG family of temperature gauges includes models for other ranges and applications. For information on other models in the HTG temperature gauge family or other fine Heartland products for electrical equipment, please phone, fax or E-mail Heartland Solutions.

 **Heartland Products Division**

Heartland Solutions, Inc.
630 Brooker Creek Blvd.
Suite 345
Oldsmar, FL 34677

Phone: 800.957.3493
Fax: 877.779.4567
Internet: info@hland.com