



KRUEGER SENTRY GAUGE

The Overfill Gauge—Type OF



Calibration: Consists of 3 pieces. Outer plastic piece, inner plastic piece, and a piece of paper in between. Optional glass inner piece is available.

Red Lock Nut: HDPE Plastic. Also available in aluminum or PVC.

Bushing: Aluminum bushing, can be 2", 1.5", or .75". Special package allows for a Stainless Steel Bushing or PVC Bushing.

Internal Rods: Standard construction is Aluminum rods. Optional stainless steel rods, or Peek Plastic rods are available.

Polypropylene Float: Also available in Stainless Steel or Nitrophyll.

Part Number—
O-(size opening)-(overfill warning level)-(list options)
Sample—O-2-8

What it is:

Top mounted pop up gauge that can measure from 6 inches to 76 inches in Length. Bushing size can be 2", 1.5" or .75". Gauges are custom made in house to fit your application. Most Overfill Alert Gauges are between 6 inches and 12 inches. They are designed to pop up at a specific level (usually 90 percent) and warn you that the tank is almost full. Provides visual overfill warning.

Additional Options:

Audible Alarm Accessory: This add on feature can turn your mechanical gauge into an audible Hi or Lo level alarm.

LED At-A-Glance Accessory: Another add on feature. This can give your mechanical gauge remote reading capability.

Gauge Guard: A cover that protects the exposed plastic components on top of the gauge.

Material Choices and Limitations:

Standard choices are listed on picture to the left.

Some options such as stainless rods, stainless floats, and plastic rods will limit the sizes available.

Material Packages / Gauge Packages:

All SS Model—It comes standard with Glass Calibration, Aluminum Locking Nut, Stainless Steel Bushing, Stainless Steel Rods, and Stainless Steel Floats.

All Plastic Model—Type PO—This model comes standard with Glass Calibration, PVC Gauge Guard, PVC Bushing, PEEK Plastic Rods, HDPE Plastic Float.

Krueger Sentry Gauge
1873 Siesta Lane
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Contact us for more info or a local distributor:
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KRUEGER SENTRY GAUGE®

Overfill Gauge Accessories and Replacement Parts

Accessories



Glass Calibration

Direct Mount Alarms- Audible alarm that mounts directly to the gauge and provides your choice of overfill or low level warnings.

(part # add -Dalarm)

Remote Mount Alarms- Audible alarm that can be remotely wired and provides your choice of overfill or low level warnings.

(part # add -Ralarm)

Aluminum Lock Nut- Replace the red lock nut for added durability.

(part # add -ALN)

Gauge Guard- Protective Cover that replaces the red locking nut providing protection from physical damage and weathering damage.

Also helps with passing fire inspections.

(part # add -ALG)

Glass Calibration- The internal piece of the calibration becomes glass. Provides protection from heat, fumes, weathering, and also helps with passing fire inspections. (part # add -GLC)



Direct Mount Alarm



Gauge Guard

Aluminum Lock Nut



Remote Alarm

Replacement Parts

- **OF-Kit-** Replaces all the top components with standard materials.
- **OFG-Kit** Replaces all the top components with standard materials and a glass calibration.
- **OFALN-Kit-** Replaces all the top components with standard materials and an aluminum lock nut.
- **OFGALN-Kit-** Replaces the top components with a glass calibration and aluminum lock nut.

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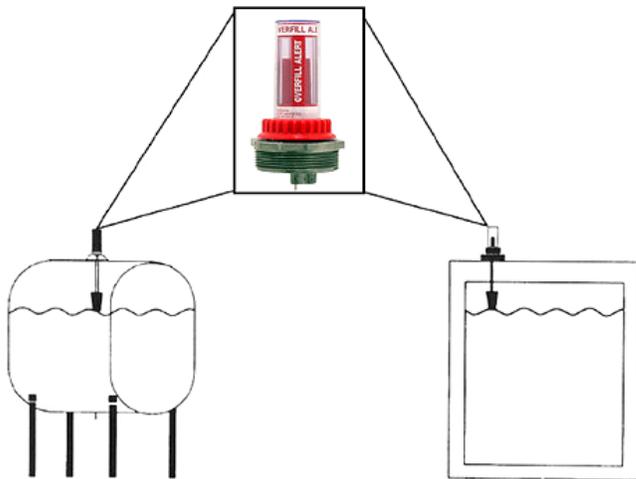
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Example Application



Installation Instructions

1. Do not disassemble anything. Simply drop the gauge as is through your tank fitting.
2. Thread aluminum bushing down until snug. Be careful not to cross thread.
3. Your gauge is ready to go.

Instructions for Operation:

This gauge is a simple visual tool. If the red indicator rises into the viewing window, it is indicating that your tank is near full. Once installed you simply view the calibration during filling to determine when your tank is near full. The indicator is not calibrated. It simply indicates overfill or not.

Overfill Gauge Ordering Instructions.

Use these instructions when ordering the Overfill Gauge as an overfill prevention device.

The Length of the overfill gauge shall be the distance from the top of your gauge threads to the **full mark** in your tank. Most regulations state that your **full mark** should be no less than 90% capacity, and no more that 95% capacity.

These measurements will vary depending upon each individual tank. It is the customers responsibility to insure that we receive the proper measurements for correct overfill warning.

Part Number:

O—Size Opening—Gauge Length—Accessories

Overfill Gauge Maintenance

Possible Problems:

The Overfill Alert Gauge can fail in one of three ways.

- The calibration assembly on the outside of the tank can become weathered, unreadable, or broken.
- The connecting rods that extend into the tank can come apart or become damaged.
- The float that sits at the bottom of the gauge can come off or become saturated with product (leak).

Recommended Maintenance Procedures

- Once per month: Inspect the top of the unit once per month to ensure that the calibration is visible, readable, and unbroken. (these top pieces can be easily replaced without having to replace the whole gauge)
- Once every 6 months: Unthread the unit and remove it from the tank. Be sure rods and float are connected as one piece from the red indicator all the way down to the float. Also inspect the float for damage or leakage. To ensure proper working order, manually raise the float arm from empty to full to be sure that the red indicator freely moves up and down with the motion of the float rod.
- Once every year: If you are using the optional Audible Alarm, the battery must be replaced once per year. Also repeat the previous monthly and bi yearly actions above.

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