

# Liquid Level Gauge With Alarm

## Morrison Clock Gauge Alarm Fig. 918 Series

The Morrison Clock Gauge Alarm utilizes the Fig. 818 style Clock Gauge with a built-in high level warning alarm. Contains a battery powered, intrinsically safe, alarm unit that is mounted remote from gauge. Alarm is set for desired level during installation and can be re-set at any time for a change in alarm level requirements.



Patent #5649450 and #5144836



### Features

- Battery powered alarm
- Manually set alarm when you install gauge
- Works for any size AST up to 12 ft. vertical dimension
- Fully mechanical gauge
- 2" NPT male or female body threads
- Vapor tight
- Clock face swivels 360 degrees
- Readable from 20-30 feet away
- Anodized aluminum housing
- Standard float fits through 2" tank bung and 2" schedule 40 riser pipe
- Metric version available
- Alarm Unit UL Listed



### Construction

- Anodized cast aluminum body
- Stainless steel float
- Braided stainless steel cable
- Stainless steel swivel



## MOUNTING & LOCATION

- The 918 CLOCK UNIT mounts to a 2" NPT Female tank bung and the 918F mounts to a 2" NPT Male connection on top of the tank in the same manner as the original CLOCK GAUGE. The ALARM/CONTROL BOX mounts like any small electrical box and should be placed in a location where it can be accessed for testing, and where it can be heard.

## BATTERY POWERED

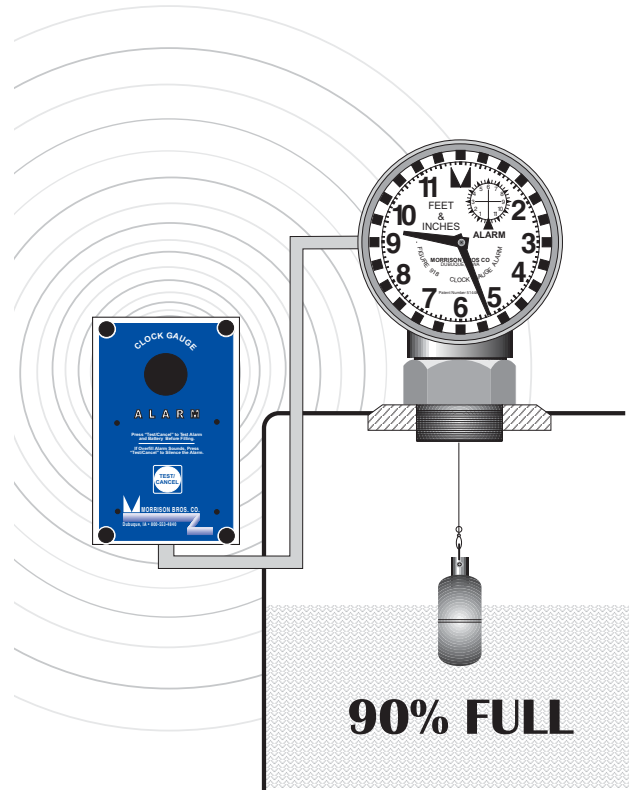
- The system is powered by (2) standard 9 Volt batteries. There is no need to connect to an external electrical power source. With proper installation, the system is intrinsically safe.

## LIMITS OF MEASUREMENT & TANK SIZE

- CLOCK UNIT handles any measurement up to 12 Ft. (For a Vertical tank - 12FT height. For a Horizontal tank - 12FT diameter.)
- The ALARM is set on the CLOCK UNIT and is done in the field at the time of installation. Alarm may be reset for changes in requirements, but otherwise, it is intended to be set only once.

## OPERATION

- The ALARM BOX has constant power and is on at all times. The "TEST" feature allows the operator to verify battery power prior to filling. The "CANCEL" feature turns off an alarm that's been activated.



### Special Note:

Although the CLOCK GAUGE ALARM (FIG 918) is built on the same concept as the original MORRISON CLOCK GAUGE (FIG 818), the 818 cannot be retrofitted to produce the 918. The 918 design requires its own factory-made CLOCK UNIT.

Standard Float fits through Schedule 40 Riser Pipe.

## Distribution:

## THE PACKAGE YOU BUY

- The CLOCK GAUGE ALARM package comes complete with assembly instructions, junction box, batteries, and lead wire. Connection wire, conduit, and mounting hardware, are not included.
- This system is manufactured by Morrison Bros. Co. and sold only through authorized distributors.

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