

SEELEVELTM ANNIHILATOR

Tank Truck Level & Volume Gauge

Models 806-B / 806-Bi



Outside Display
Model 806-B

Inside Display
Model 806-Bi

The **SEELEVEL ANNIHILATOR**TM The SeeLevel Annihilator is the ultimate solution for non-flammable liquid level measurement needs in the waste water transport industry. With its unparalleled accuracy and robust features, the SeeLevel Annihilator system is being widely used in vacuum tanks that haul sewage and grease. Its application extends beyond the industry, making it an ideal choice for various types of liquid level measurement. The system offers two exceptional displays, the 806-B (exterior mounted) and the 806-Bi (in-cab mounted), both capable of monitoring up to three compartments providing users with ultimate flexibility.

806-B / 806-Bi Features & Benefits

Inside and Out Display Options

There are options for both inside and outside displays. The inside display, designated as 806-Bi, is designed for mounting inside the truck cab, while the outside display, designated as 806-B, is weatherproof and suitable for mounting outside the cab.

Multi-Compartment Monitoring

Each display unit can monitor up to three compartments simultaneously. This means that a single gauge can provide level information for multiple compartments, offering cost and space savings.

1/4" Resolution Accuracy

The gauge provides a level resolution of 1/4 inch, allowing for precise monitoring and measurement of fluid levels in the tank.

One-time Calibration

The gauge utilizes a one-time calibration process. The calibration is programmed into the display unit using the 817-USB Truck Gauge Programmer. Once calibrated, the gauge retains the calibration settings even if power is removed.

Four Built-in Alarm Outputs

The gauge is equipped with four alarm outputs, allowing for the configuration of alarm systems based on specific tank levels or conditions. These alarms can be utilized to provide warnings or control external devices such as lights or valves. Rise alarm alerts the operator that the tank level is increasing in a compartment that is not selected.

Truck Powered

The gauge operates using 12-volt truck power. It consumes a relatively low amount of power, approximately 1/8 of an amp, making it suitable for use in transport applications without significant strain on the vehicle's electrical system.

Rugged Sender Bar

The 304/316 stainless steel sender bar is sturdy and will not twist or bend. The bar is resistant to corrosive liquids and does not experience signal degradation. The bar can be cut to fit any size tank up to 221 cm (87") in height.

Printed in Canada

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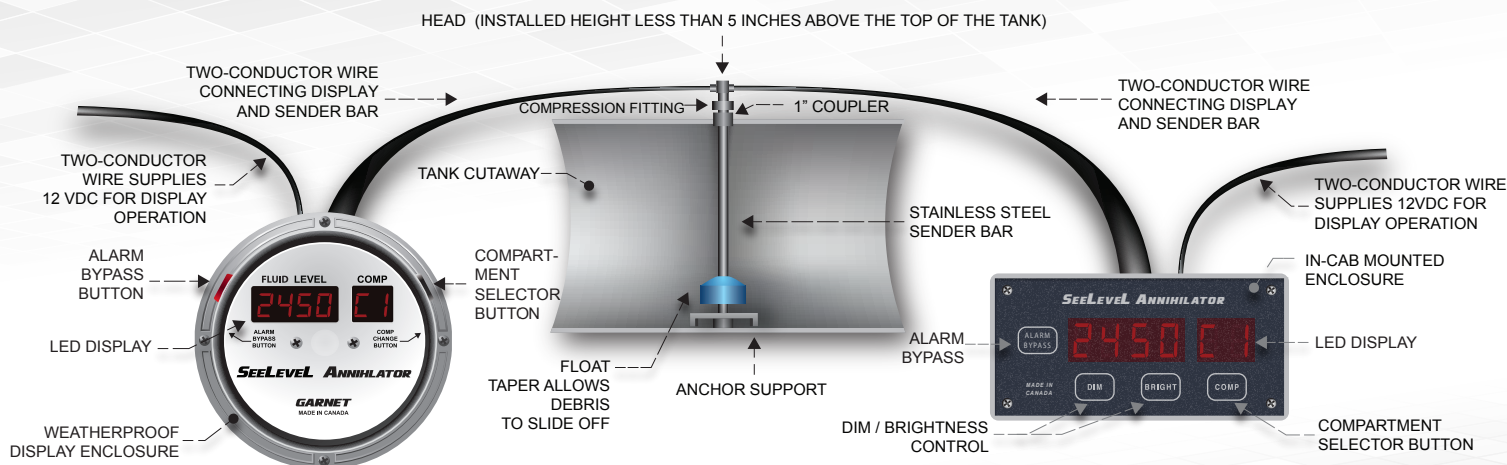
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Choose a Model 806-B and/or add a Model 806-Bi in-cab display

Principle Operation

The SeeLevel Annihilator uses Garnet's reed switch technology to accurately sense the fluid level in a transport tank with 1/4" resolution. The fixed position of the reed switches eliminates the need for recalibrating during the life of the gauge. As fluid level rises and falls, the floats position is sent through a digital signal to one of the two display options the user can choose from. The displays will show the volume of the tank in the preferred unit of measure the customer desires. With the 4 programmable alarm outputs, users can control lights, horns and pumps to streamline the pumping process.

Service and Warranty

Our professional and knowledgeable technicians are on-call to assist you with any problems you may encounter. Products offer a three-year limited warranty.



SCAN QR CODE
For the Resource Library to
download the installation
manual.

Specifications

Resolution:	6 mm (1/4")
Accuracy:	+/- 0.5 cm (+/- 0.2")
Temperature range:	-40°C to +90°C (-40°F to +194°F) product (sender bar) -40°C to +60°C (-40°F to +140°F) ambient (display)
Alarm output:	1 Amp at 15 Vdc (maximum rating)
Input power:	10-15 Vdc, 180 mA max.
Sender bar:	Update (sample) rate: 56 mS (milliseconds) <i>Material:</i> 304 stainless steel tube, 25 mm (1") diameter, 316 seamless stainless steel (optional upgrade). <i>Length:</i> Fits any size tank up to 221 cm (87") in height. <i>Fitting:</i> 25 mm (1") NPT male compression fitting.
Float:	<i>Material:</i> Medium density polyethylene. Stainless steel float available (optional upgrade). <i>Size:</i> Cylindrical, 178 mm (7") in diameter, 114 mm (4 1/2") high. <i>Buoyancy:</i> Sinks 25 mm (1") in water.
806-B display:	<i>Material:</i> Enclosure is PBT plastic, lid is polycarbonate. <i>Enclosure size:</i> 152 mm (6") in diameter x 70 mm (2 3/4") deep.
806-Bi display:	<i>Enclosure material:</i> ABS plastic. <i>Enclosure size:</i> 127 x 64 mm (5" x 2 1/2") x 43 mm (1 3/8") deep. <i>Display Type:</i> 0.56" red LED, 4 volume digit, 2 compartment digits. <i>External Power:</i> Powered by 12 Vdc truck power.

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