

# HACH WIRELESS LEVEL-ALARMING NETWORK EXTENSION

## Applications

- Wastewater
- Collection Systems
- Industrial Water

*Hach FL900 Series Flow Logger  
(Wireless) & Hach US9001B  
Ultrasonic Sensor with Ballast*



## Expand your flow monitoring network with an economical level-alarm solution.

Painting the full flow picture of your entire wastewater collection system can be a costly endeavor, especially when you have hundreds of manholes and miles and miles of pipe. But with Hach's level-alarming solution, you can capture data from more sites in your network without crushing your budget. By using highly accurate FLO-DAR<sup>®</sup> AV Sensor monitoring for critical primary sites and then employing this economical level-alarming system at secondary locations, you can smartly expand your system awareness and still live within your financial plan.

### Hach US9001B Ultrasonic Sensor with Ballast

The US9001B resourcefully takes the Hach Down-Looking Ultrasonic Sensor and adds cable-straightening ballast to create a reliable SSO and CSO alarming solution. And with highly accessible top-side mounting options that don't require confined space entry, installation and maintenance is quick and simple, making it extremely economical.

### Hach FL900 Series Flow Logger

With innovative wireless communication options with free data hosting, longer battery life, and plug-and-play sensor ports, the Hach FL900 is designed to reduce your monitoring costs, increase your efficiency, and provide better data with less hassle than you ever thought possible.

### Don't Settle for Alarming-Only Sensors

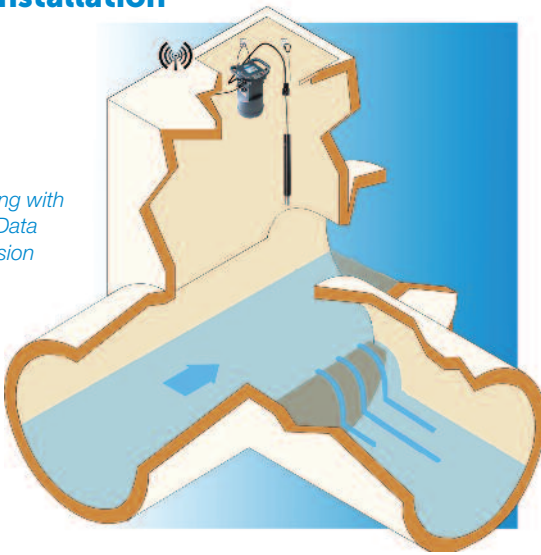
If you're making the effort to install monitoring equipment throughout your entire collection system, you should really get more than just the occasional distress signal. Hach's level-alarming system also allows you to capture flow data by employing Manning's equation.

### Constant Awareness

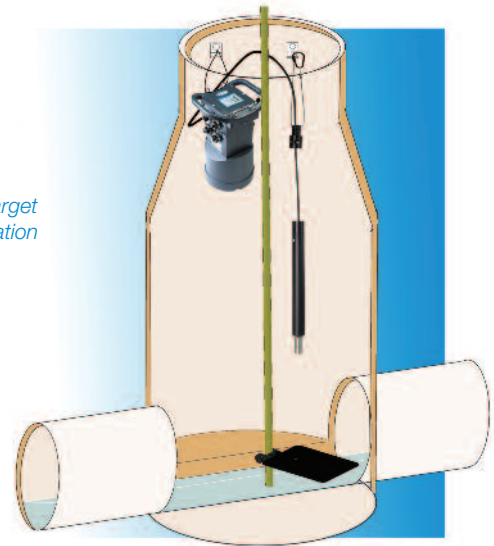
The Hach level-alarming network extension transmits data and alarms right to your desktop or mobile phone, and real-time data is available 24/7 through FSDATA Online Data Manager software. Not only does this dramatically increase your timely knowledge of every event, it also reduces site visits for data collection, meter adjustments, or sensor cleaning. It doesn't get more convenient than that.

## Sensor Installation

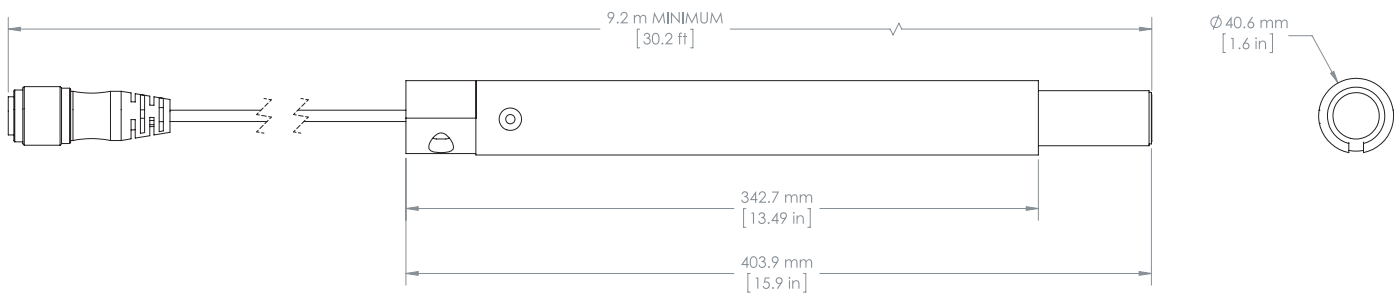
Level-Alarming with  
Wireless Data  
Transmission



Calibration Target  
makes installation  
simple.



## Dimensions



## Ordering Information

- 9088800** Hach US9001B Ultrasonic Sensor with Ballast, suspension kit and mounting hardware
- 9088200** Suspended Ballast Component Kit (Does not include down-looking sensor)  
– for use with currently-owned US9001 Down-Looking Sensor
- FL901.97.XX\*** Hach FL900 Series Flow Logger with one sensor port
- 9088600** Calibration Target

\*Dependent on modem selection. Contact your local representative or Hach Customer Service for more information.

## Mounting Hardware Options

- 9088100** Standard mounting hardware kit (includes bracket, anchor, nut & washer)
- 9542** Spanner bar for 457.2-685.8 cm (18-27 in.) pipe
- 9557** Spanner bar for 711.2-1219.2 cm (28-48 in.) pipe
- 5713000** Instrument support bracket

For detailed information, see **DOC053.53.35081** for Hach FL900 Series Flow Logger and **LIT2804** for Hach US9000 Ultrasonic Sensor Series.

## HACH COMPANY World Headquarters: Loveland, Colorado USA

United States: 800-368-2723 tel 970-619-5150 fax hachflowsales@hach.com  
Outside United States: 970-622-7120 tel  
**hachflow.com**

LIT2806 Rev 2  
Printed in U.S.A.

©Hach Company, 2016. All rights reserved.

In the interest of improving and updating its equipment,  
Hach Company reserves the right to alter specifications to equipment at any time.

