

Instrumentation

RiteFlo® Full System (With RFR SCADA)

Overview:

The RiteFlo® System from Rain for Rent is a wireless sensor and transmitter suite that provides remote monitoring of levels, temperature (probe and non-contact), pressure, and flow in real time and from a centralized location or mobile device.

The RiteFlo® System creates a safer jobsite while allowing customers and employees to know water levels, temperature, pressure and flow at all times from anywhere. Real-time information enables proactive decision making while reducing costs. These are just a few benefits you can expect when utilizing the RiteFlo® System.

Features:

- Remote monitoring and reporting of flow, level, pressure and temperature (probe and non-contact)
- Website and mobile view for remote monitoring
- Wireless global standard
- Compatible with SCADA systems
- Data stored and accessible through cloud database
- Certified for Class 1, Division 1 environments
- 6+ years battery life, based on 1-minute interval pulls
- Special mount for LakeTank
- Gauge has an integrated screen for calibrating
- Dynamically calculates volumes eliminating the need for strapping charts.
- Adaptable system can be designed for any application.



Accessories:

- RiteFlo® Command Receiver
 - Trailer
 - Integrated Light Tower
 - Stand Alone Base Station
- Sensors
 - Flow
 - Level
 - Pressure
 - Temperature
- Tanks
- Spillguards
- PipeStax®
- Hose and Pipe



PUMPS • TANKS • FILTRATION • PIPE • SPILLGUARDS

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Liquid Ingenuity®
800-742-7246
rainforrent.com

Gateways



RiteFlo® Command Trailer

- Comes with laptop and TV display screen
- Employs a cell booster
- Onboard UPS in the event of power interruption
- Needs to be powered by a generator
- Wifi Hotspot (RiteFlo data only)



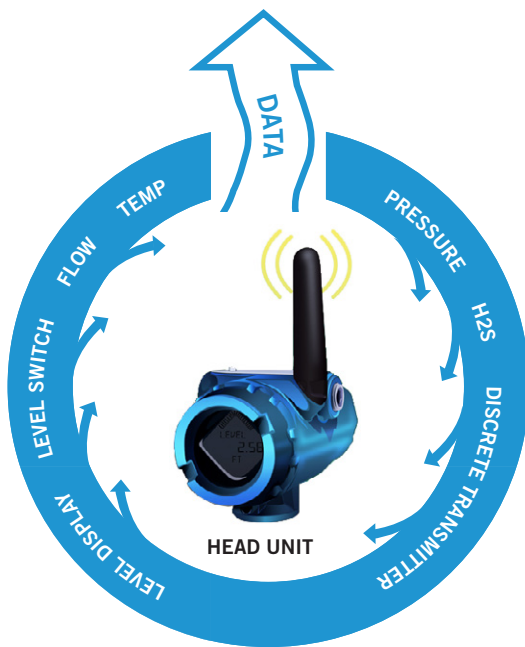
RiteFlo® Light Tower

- Specially modified LTW8 Light Tower
- Comes with integrated touchscreen tablet
- Stand-alone unit; self-powered
- Employs a cell Booster
- Wifi Hotspot (RiteFlo data only)



RiteFlo® Base Station

- Very compact and economical
- Employs small cell booster
- Audio/Visual Tower for unit status
- Needs 110VAC power



Head Unit collects data from the sensors and wirelessly broadcasts it to the BaseStations.

Sensors

Level Gauge

- Accurate to $\pm 0.10''$
- Class 1 Division 1 Certified

Level Switch

- Can be used to trigger an action or alarm at a chosen level
- Normally Open or Normally Closed user selectable
- Class 1, Division 1

Pressure / Vacuum Gauge

- Accuracy of $\pm 0.5\%$ of range
- Class 1, Division 1
- Large 4.5" local display
- Full vacuum to 200 PSI

Discrete Receiver/Transmitter

- Can be coupled with common measurement devices such as a Hobbs Switch or a NO/NC float.
- Class 1, Division 2

Temperature

- Insertion and non-insertion options
- Class 1, Division 2
- Accuracy of $\pm 0.81^\circ\text{F}$

Flanged Flow Meter

- 4", 6", 8", 10", 12" sizes
- 150PSI Rating
- Accurate to $\pm 1\%$
- Suitable for dirty water applications

Drop In Style Flow Meter

- Uses 2" FIPT saddle tap
- 3" - 48" pipe diameter
- Accuracy to $\pm 1\%$

COMING SOON

H2S Monitor

- Monitors and alerts to a high level H2S reading

Automated Valves

- On/Off
- 4", 6", 8", 10", 12"
- 175 PSI

Easy to Read Display Accessed through the Cloud

Computer/SCADA System



Tablet



Smart Phone



Instrumentation

RiteFlo® Hardware Only (Without RFR SCADA)

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Features:

- Real time monitoring and reporting of flow, level, pressure and temperature (probe and non-contact)
- Compatible with most SCADA systems using Rain for Rent Gateway communicator
- Rain for Rent Gateway not required when compatible Emerson gateway already in place
- Certified for Class 1, Division 1 environments
- 6+ years battery life, based on 1-minute interval pulls
- Special mount for LakeTank®
- Gauge has an integrated screen for calibrating
- Dynamically calculates volumes assisting with tank strapping
- Transmitters can communicate up to 2,000ft with repeater, and 1,000ft without
- Clear line of sight is required



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 - Level
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RiteFlo® System Options

RiteFlo® Full System

Rain for Rent fully developed HMI system

- Rain for Rent RiteFlo® gateway included

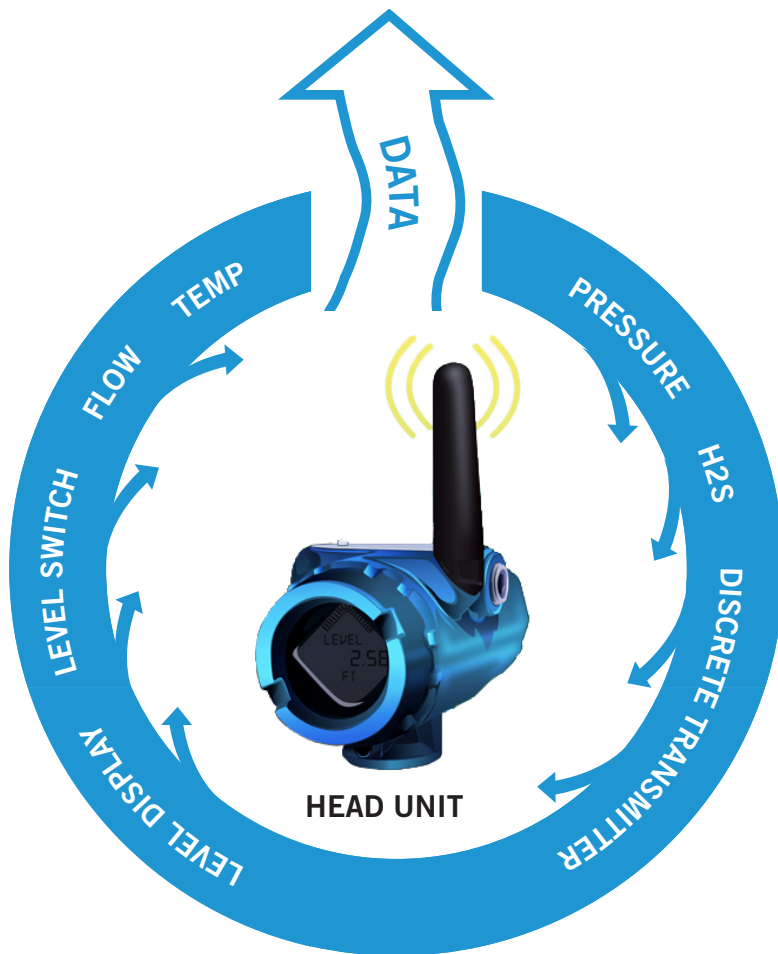
**SEE FULL SYSTEM CUTSHEET
FOR MORE DETAILS**

RiteFlo® Hardware Only Option 1

- Rain for Rent gateway included
- Join Key, Network ID, & Gateway IP provided to allow communication between transmitter and customer SCADA
- 120VAC required

RiteFlo® Hardware Only Option 2

- Emerson gateway communicator provided by customer
- Join Key & Network ID provided to allow communication between transmitter and customer owned Emerson gateway



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