

R L Laughlin & Co., Inc.  
April 2019

RLLCO News & Updates -

# The Gas Grabber

Since 1970, R L Laughlin has offered quality natural gas measurement services to industry leaders in the Appalachian basin. With our main office located in Charleston WV and our secondary offices located in Hartville Ohio, and Nutter Fort, WV, our clients always have access to us when we're needed.

## Orifice Flow Rate Calculator

Attention Attention Attention!

We have released a new app for iOS and Android devices.

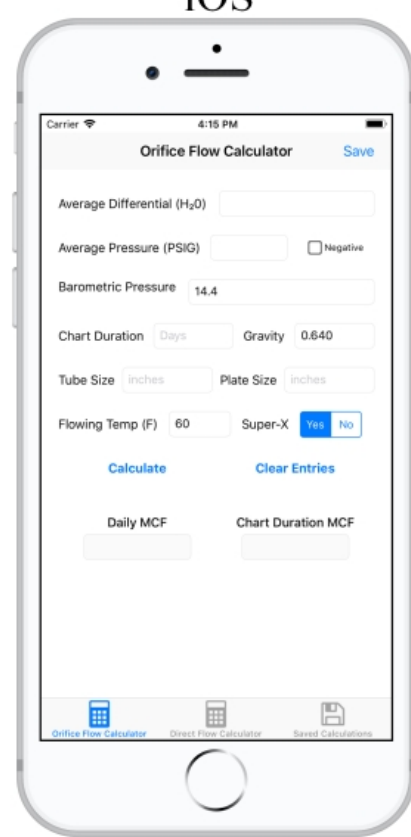
Looking to calculate orifice flow rates quickly and easily? R L Laughlin has a solution for you! With our Orifice Flow Rate Calculator, users are given the ability to determine orifice flow rates easily and quickly that does not require cell service to utilize the app.

Orifice Flow Rate Calculator utilizes AGA 3 standard to calculate the MCF a single well is producing per day and for a given duration that you choose.

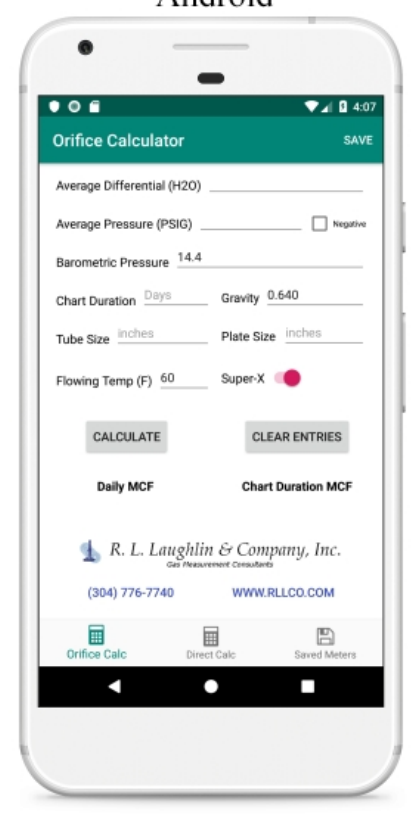
**Features:**

- Orifice MCF Calculator
- Rotary (Direct) MCF Calculator
- Ability to save all calculations
- View all inputs and calculations saved for a given meter
- Export all or individual saved calculations to a CSV file

### iOS



### Android



(Click your phone above to download)

## Refurbished Barton Meters for Sale!

Offering a better deal that works for your schedule:

- Calibrated / pressure tested
- Soneboz chart drive
- Static range spring 50, 100, 250, 500, 1000 psi (higher ranges available upon request)
- Price well below new cost
- Available when you need them
- Delivery available



## SCADA Services

We've recently partnered up with a SCADA company named ScadaCore.

Those customers who utilize this service are monitoring meters, compressors, and tank levels, but we can monitor other things, such as water, air/wind, weather, radiation, seismic activity, geothermal, sound, and MUCH more!

When you sign up, you get access to a personalized portal to view all of your units. Trend data is available graphically and in spreadsheet views. Alarms notifications are via Emails, SMS, and/or Voice Messages. Units not in cellular covered areas? We have satellite communications for various units as well.

<https://www.rllco.com/scada-overview/>

New customers to the site, will have their first month **FREE!**

### ViaCell-100 Features:

- Monitoring for Tank Level, Water Level, Compressors, Generators, Motors, Pumps, VFDs, Solar Arrays, Temperature, Wind Direction, and More
- Embedded 2G, 3G, LTE
- Up to 2 year Battery Life
- Magnetic Mount
- Solar-Panel Add-On available
- 6 in x 5 in x 3 in
- Class 1 Div 2
- Temperature: -40° F to 185° F
- Connect multiple sensors to a single ViaCell-100
- 4 AIN, 4 AOUT, 1 DIN, 1 DOUT



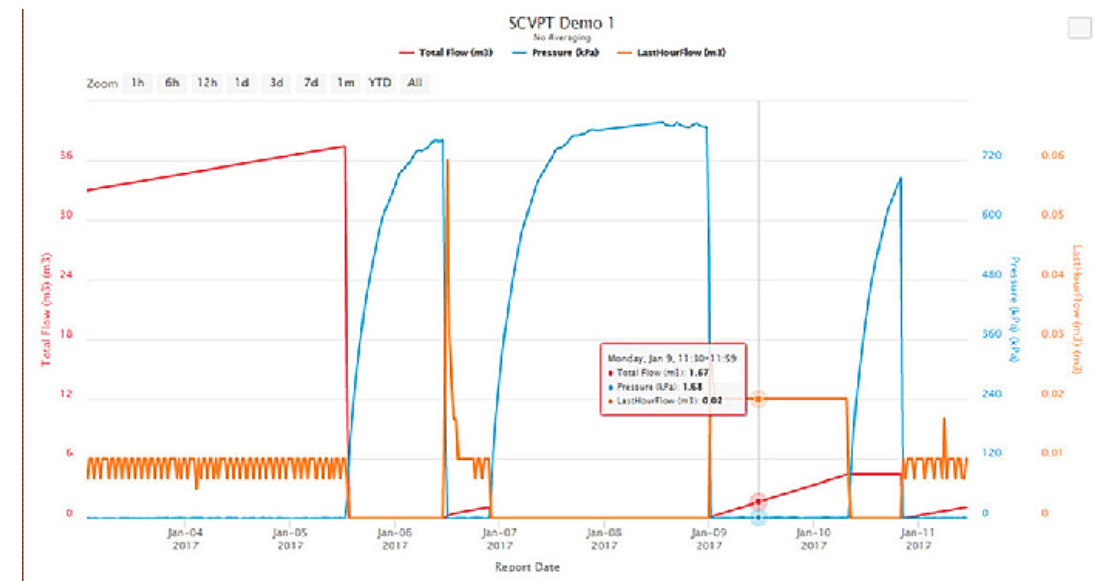
### ViaSat-10 Features:

- Satellite monitoring for Pumpjacks, Compressors, Generators, Motors, Pumps, Rental Units, Run Status, and More
- Vibration Sensor, 2 Digital Inputs, GPS
- Alarm Callout / Alarm Notifications via SMS, Email, and / or Voice Messages
- Escalating call lists can be set up to notify available staff of shutdowns
- Built-in Solar Panel and rechargeable NIMH Battery
- 3.25 in x 7 in x 1.13 in
- Class I, Division 1, Groups A-D, T4
- Class I, Zone 0, AEx ia IIC T4 Ga
- ATEX/IECEX II 1 G, Ex ia IIC T4 GaT
- Temperature: -40° F to 149° F
- Magnetic Mount Option



### Graphical Reports

SCADA IoT allows for feature-rich, easy-to-use graphing analysis. This allows for clients to view hourly reports, daily reports, and much more. Graphs are interactive allowing for clients to move their mouse along graph lines to display information at that given point. Zooming in the X and Y direction on a graph gives the client more examination and can view data points closely and precisely. Graphs can be exported in PNG, JPG, PDF, or SVG.



### Reporting Made Easy.

SCADA IoT provides export features that can conform to almost any data format needed. Some of these formats are CSV, Excel, Pivot Table and PDF. Users are given the option to export based on predefined date ranges or customized date ranges. These exports can also be transferred to Fieldview, Prodman, Avocet, and more.

Location	ReportDate	Gas	Hours	Static	Diff	Temp	Casing	Line	Orifice
100/13-00-000-00W5/00	13/02/2017 08:00:00	0	0	2055.9	0	25.1	465.8	2047.2	25.4
100/13-00-000-00W5/00	14/02/2017 08:00:00	0	0	2058.8	0	28.6	465.8	2047.9	25.4
100/13-00-000-00W5/00	15/02/2017 08:00:00	0	0	2057.6	0	28.6	465.8	2045.9	25.4
100/13-00-000-00W5/00	16/02/2017 08:00:00	0	0	2056.7	0	26.8	465.8	2046.8	25.4
100/13-00-000-00W5/00	17/02/2017 08:00:00	0	0	2055.2	0	22.7	465.8	2045.9	25.4
100/13-00-000-00W5/00	18/02/2017 08:00:00	0	0	2054.7	0	20.4	465.8	2045.7	25.4
100/13-00-000-00W5/00	19/02/2017 08:00:00	0	0	428.5	0	4.5	465.8	1487.6	25.4
100/13-00-000-00W5/00	20/02/2017 08:00:00	0	0	1881.8	0	10.9	465.8	1487.8	25.4
100/13-00-000-00W5/00	21/02/2017 08:00:00	0	0	1837.7	0	12.4	465.8	1350.7	25.4
100/13-00-000-00W5/00	22/02/2017 08:00:00	0	0	2066.4	0	10.3	465.8	2058.8	25.4
100/13-00-000-00W5/00	23/02/2017 08:00:00	0	0	2105.5	0	10.2	465.8	2098.5	25.4
100/13-00-000-00W5/00	24/02/2017 08:00:00	0	0	2054.1	0	4.3	465.8	2091.9	25.4
100/13-00-000-00W5/00	25/02/2017 08:00:00	0	0	2054.7	0	10.9	465.8	2026.8	25.4
100/13-00-000-00W5/00	26/02/2017 08:00:00	0	0	2054.1	0	8.9	465.8	2047.2	25.4
100/13-00-000-00W5/00	27/02/2017 08:00:00	0	0	2054.4	0	10.7	465.8	2046.8	25.4
100/13-00-000-00W5/00	28/02/2017 08:00:00	0	0	2053.2	0	8.4	465.8	2046.9	25.4
100/14-00-000-00W5/00	01/02/2017 08:00:00	8.7	20.3	273.7	25.6	13.6	0	0	0
100/14-00-000-00W5/00	02/02/2017 08:00:00	8.7	16.4	273.6	25.7	13.5	0	0	43.98
100/14-00-000-00W5/00	03/02/2017 08:00:00	8.7	17.1	273.1	25.6	12.5	0	0	43.98
100/14-00-000-00W5/00	04/02/2017 08:00:00	8.7	22.6	270.8	25.6	13.5	0	0	43.98
100/14-00-000-00W5/00	05/02/2017 08:00:00	8.7	23.7	272.6	25.8	13.4	0	0	43.98
100/14-00-000-00W5/00	06/02/2017 08:00:00	8.9	23.7	282.7	26.1	12.8	0	0	43.98
100/14-00-000-00W5/00	07/02/2017 08:00:00	5.3	20.3	258.4	25.8	9.8	0	0	43.98
100/14-00-000-00W5/00	08/02/2017 08:00:00	1.8	16.4	199.6	26.1	6.2	0	0	43.98
100/14-00-000-00W5/00	09/02/2017 08:00:00	1.6	17.1	194.5	2.1	7.1	0	0	43.98
100/14-00-000-00W5/00	10/02/2017 08:00:00	6.8	22.6	273.5	19.9	11.4	0	0	43.98
100/14-00-000-00W5/00	11/02/2017 08:00:00	7.8	23.7	276.9	22.7	13.4	0	0	43.98
100/14-00-000-00W5/00	12/02/2017 08:00:00	9.1	23.7	290.9	23.7	14.9	0	0	43.98

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