

# Measure to Conserve

*Your fluid is a valuable asset. Use the best available technology to simply link your flow measurement data to your computer network via WiFi.*



*Dynamic Pitot Pressure flow meters with corrosion resistant 2205 Duplex Stainless Steel bodies offer a wide range of operation and fluid compatibility.*

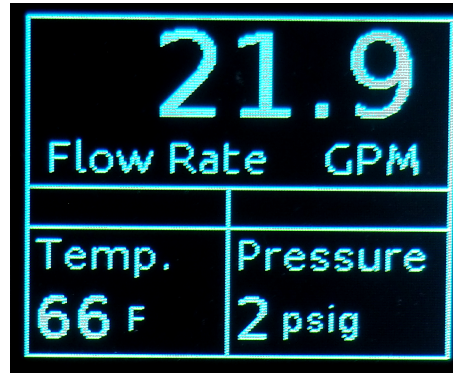
*Backlit LCD user interface display.*

*Built-in IIoT Internet WiFi ready for monitoring and datalogging.*

*WebPage Interface and Calibration.*

*Cloud based NetFlow Dashboard for monitoring and trending.*

Record Fluid Flow, Pressure & Temperature From a Single Instrument!



**River Valley Design, LLC**

Primary Business Address  
PO Box 42  
Rock Tavern, NY 12575

Phone: 845-220-6134  
website: [www.FlowmetersRVD.com](http://www.FlowmetersRVD.com)  
E-mail: [sales@flowmetersRVD.com](mailto:sales@flowmetersRVD.com)

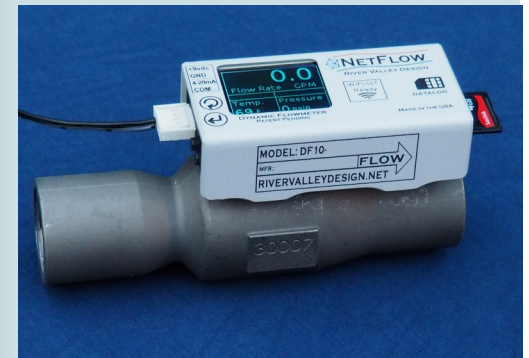


Tel: 845-220-6134

RVD Dynamic Flow Meters



► Specifications & Features



Made in the USA





# Accurate - Repeatable - Stable - Reliable - WiFi Connected

NetFlow meters provide fast accurate flow measurement of fluids using a refined differential pressure technique with Laminar flow-path control to extend the measurement range and reduce pressure drop.

LCD Displays the following fluid data:

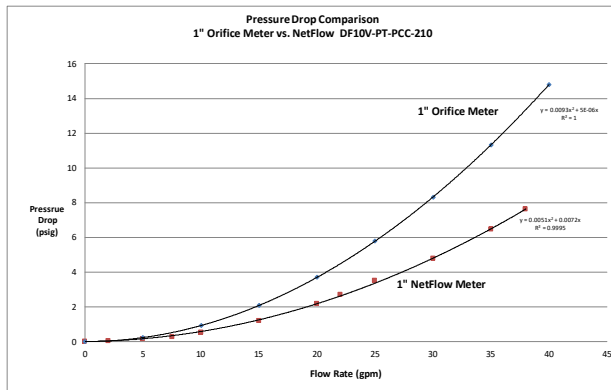
Screen 1: FLOW / PRESSURE / TEMP.

Screen 2: 5 minute averages of Screen 1 data

Screen 3: Totalized flow (user defined duration)

NetFlow meters combine automotive sensing technology with the latest IIoT capable micro-controller to provide solid state reliability and accuracy.

Standard configuration transmits data to an on-board SD card, 0-20mA output terminals, and via WiFi to your local webpage. A cloud based NetFlow Dashboard is available for a small monthly maintenance fee.



Specifications		
Item	Specification	Notes
Flow Range - DF10	4-40 gpm / 42-151 lpm	250 psig max
Flow Range - DF15	6 -90 gpm (coming soon)	
Flow Range - DF20	10 -160 gpm (coming soon)	
Fluid Temperature Range	-20 - 250°F	
Fluid Pressure Limit	250 psig	
Accuracy (SC) Standard Calibration	± 2% of reading	
Accuracy (CC) Certified Calibration	± 1% of reading	
Repeatability	± 1% of reading	
Response Time	< 1.0 sec	To within 90% of flow
Analog Output	0-20mA, 22ga wire port	
Digital Data Output	WiFi webpage & Cloud Dashboard	Webpage for free
Local Data logging	CSV file to Full size SD card	Logging rate selectable
Power Options	12vdc transformer supplied	Or optional Battery pack
Wetted Materials	2205 Duplex SS Flow Body Inner Parts of 316L SS, PEI, PPS (RytonR-4), Viton O-Rings, Medical Grade Epoxy	
Certifications	NSF Certification (pending), US Patent Pending	

\* See specification sheet for full list of compatible fluids including most waters, fuels, oils, acids and chlorides