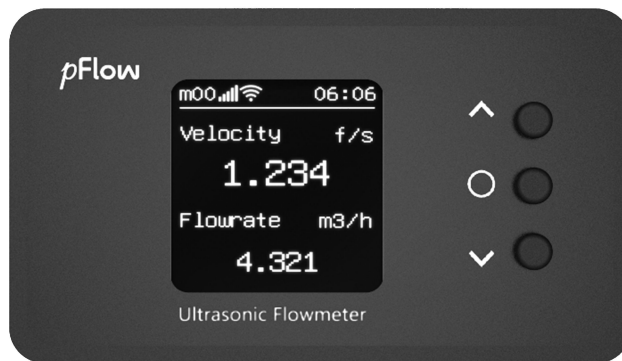# F2 Ultrasonic Flowmeter Spec Table

Default Parameters:

Flow Range: 0.03m/s~±5m/s (0.1 ft/s ~ ±16ft/s)
Accuracy: ± 2.0%
Repeatability: 0.8%
Display: LCD1.44"
Keyboard: 3 touch keys
Protection Rate: IP54 Housing
Enclosure: ABS+PC Material
Power supply: 10~36VDC, 500mA
Transducer (Flow senor): Clamp-on type
Operating Temperature: 0C°~60C° (32 F°~140 F°)
Cable: 2m (7ft) Length

Optional Parameters:

Code	Output (optional 1 of 3)			
1	4-20mA+RS485			
2	WiFi+RS485			
3	OCT Pulse+Relay			
Code	Pipe Material (optional 1 of 4)			
A	A1: PVC	A2: Carbon Steel	A3: Stainless Steel	A4: Copper

Code	Pipe Size(optional 1 of 7)			
	Nominal		Outer Diameter	
	Metric	Inch	Metric	Inch
	DN20	3/4"	21~29mm	1.05"
	DN25	1"	28~36mm	1.315"
	DN32	1-1/4"	35~43mm	1.66"
DN	DN40	1-1/2"	46~54mm	1.9"
	DN50	2"	59~67mm	2.375"
	DN65	2-1/2"	72~80mm	2.875"
	DN80	3"	83~91mm	3.5"

You Need: F2 Flowmeter with 4-20mA output + for PVC + for Pipe 3/4"
So you select: F2-1-A1-DN20

F2 Product Preview

F2 is with Compact Design, which allows fast installation and convenient flow measurement. The flow meter comprises of 2 flow measurement sensors, clamps, and Central Processing Unit for flow metering.

Non-invasive installation available, the sensors are installed outside the pipe. Easy to install and will not interrupt the manufacturing process. No pressure drop, low maintenance cost.

Installation

The Flowmeter F2 shall be installed in water lines in the direction of the flow.

1   CLAMP THE PIPE STRAPS
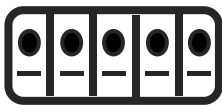
2   TIGHTEN THE SCREWS

3   INSTALL THE METER

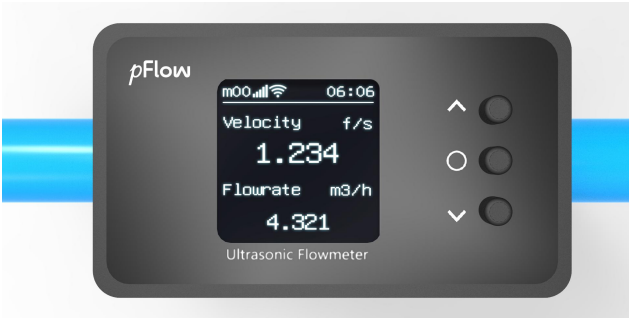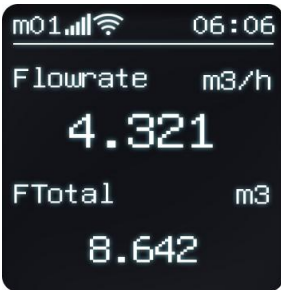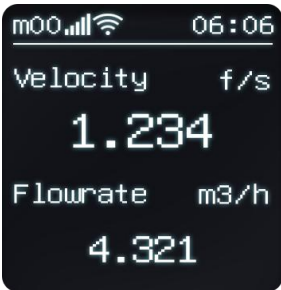4   FINISH AND POWER ON

Output & Protocol

Optional Outputs:

WiFi

RS485

4-20 mA

Supporting Protocol:

Modbus   Fuji

Interface

m00 .ıll 📶	06:06
Velocity	f/s
1.234	
Flowrate	m3/h
4.321	

m01 .ıll 📶	06:06
Flowrate	m3/h
4.321	
FTotal	m3
8.642	

m22 .ıll 📶	06:06
ESN	
✳✳✳✳✳✳✳✳	
SWV	
Ver 1.00	

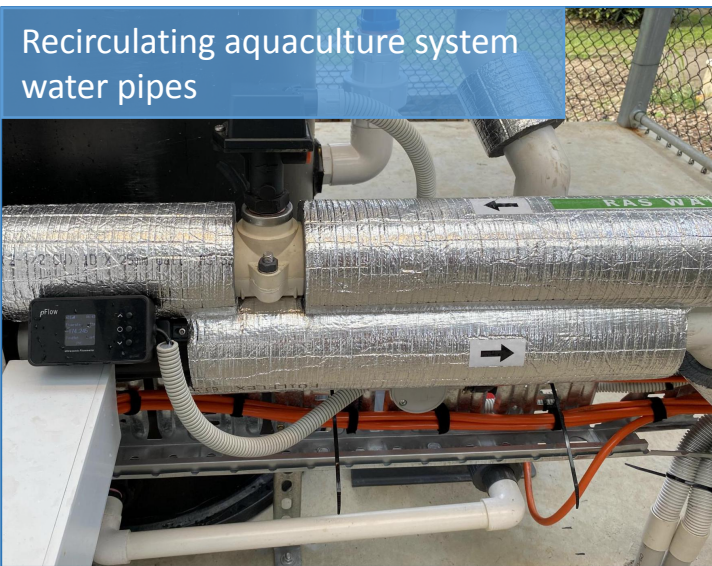| m21 .ıll 📶	06:06
Time	
06:06:06	
Date	
Tue.(2)	

Classical Applications

Water treatment and distribution, pharmaceutical, inland aquaculture, heating and cooling circuits, swimming pools and irrigation systems, fire-fighting installations, automotive industry and energy plants.
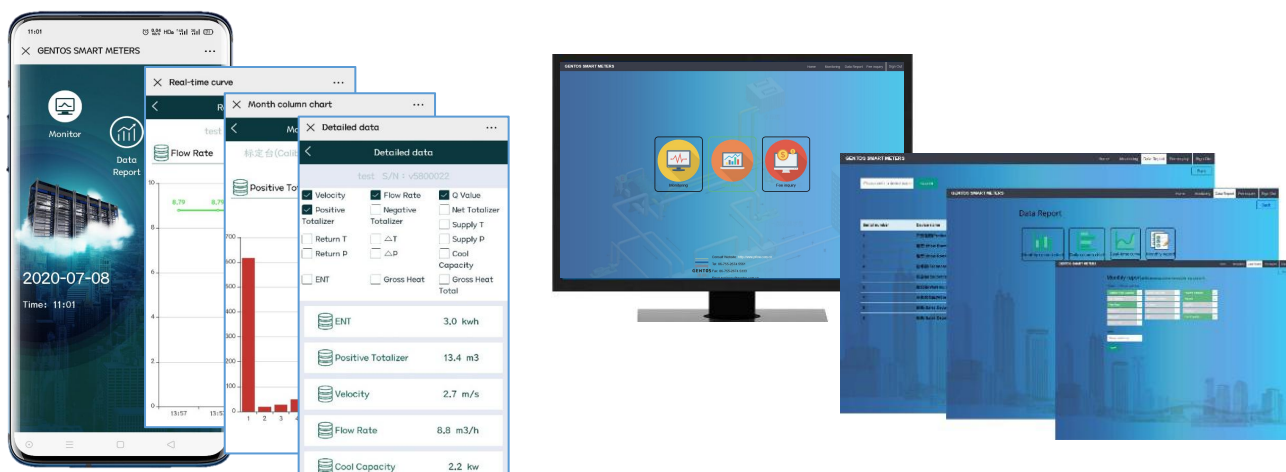
HVAC chilled water pipes

Recirculating aquaculture system water pipes

WiFi & Cloud Service

In addition to supporting the traditional RS485, 4-20mA output, the F2 also supports WiFi output, which is a feature to adapt to the IoT. When using WiFi output, you can use the iCloud service to easily check data from your phone and PC.

Experience Account
ID: gentos
Password: gentos0755