

Features

- The H2O Degree VT20 Turbine flow sensor measures flows of liquid by detecting the local velocity of the flow through the pipe.
- Rugged reinforced plastic ensures the highest strength and performance.
- Meets NSF-61 regulation (certification pending.)
- Flow proportional frequency output signal.
- Two year warranty.



Overview

The H2O Degree VT20 turbine flow sensor measures flows of liquids by detecting the local velocity of the flow through the pipe.

Turbine flow sensors are compatible with H2O Degree's water meters connected to a wireless mesh network.

Ordering Information

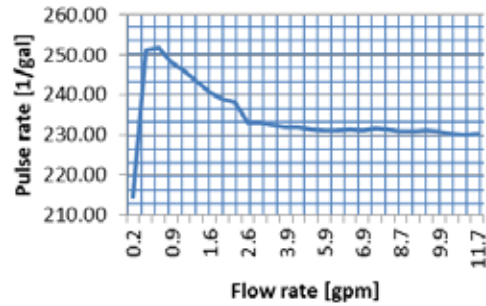
Model	Description
V20	1" Turbine Flow Sensor (10.9 gallon per minute)

Technical Specifications

Flow Range	0.26 ... 10.9 gpm
Accuracy	+/-1% of range (up to 4 gpm) +/-3% of range (from 4 gpm)
Reproducibility	0.2%
Nominal pressure	145 psi (PN10)
Max temperature	140 degree F
	Temporary 203 degree F
Plumbing Connection	Inlet 1 inch NPT Outlet 1 inch NPT National Pipe Thread
Pick off	Hall effect sensor
Output signal	Square wave frequency signal
Signal output	0.5 gpm < 30 gal per hour
Duty cycle	1:1
K-factor	232 pulses per gallon

Turbine capsule	PPO Noryl GFN 1630V
Rotor	PO Makrolon
Magnet	Hard ferrite
Bearings	Sapphire / stainless steel 1.4436

Characteristic Curve



Pressure drop

